# AKKO®

# 2025

## TAKIM KATALOĞU
## TOOL CATALOGUE
## WERKZEUG KATALOG

versiyon 21-2
version
auflage

***konuşulan** kalite...*
***the spoken** quality...*
***qualität über die** man spricht...*

AKKO Metalworking Tools

TAKIM
TOOLHOLDER
WERKZEUGE

TUTUCU
HOLDER
ROTATIONSWERKZEUGE

AVRUPA'NIN EN BÜYÜK
TAKIM VE TUTUCU ENTEGRE ÜRETİM TESİSİ

EUROPE'S LARGEST
INTEGRATED TOOL AND HOLDER FACILITY

EUROPAS GRÖSSTE WERKZEUG UND
HALTERPRODUKTIONSSTÄTTE

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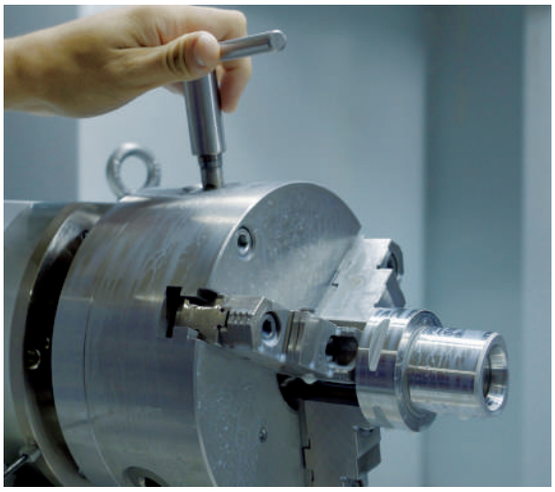
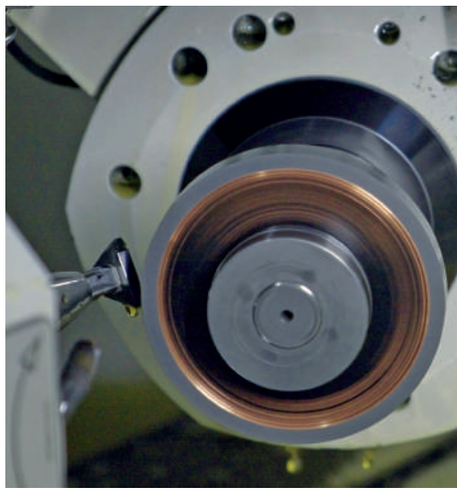
THE SPOKEN
QUALITY

KESİCİ UÇ
INSERT
WENDEPLATTEN

TS EN ISO 9001:2015





# konuşulan kalite • the spoken quality • qualität über die man spricht

1986 yılında Abdullah KARAKUŞ tarafından kurulan AKKO Makina Sanayi ve Ticaret A.Ş. Tornalama Takımları, Diş ve Kanal Açma Takımları, Delik Delme Takımları, Frezeleme Takımları ve talebe yönelik Özel Takımlar, Monoblok ve Tutucular ile Profil Uçlar üretmektedir. Şu an 40.000m²'ye yakın bir alanda Türkiye, Japonya, Almanya, İsviçre gibi ülkelerin ürettikleri son teknoloji tezgah ve ekipmanlarıyla yıllık 750.000 adet üretim kapasitesiyle, standart 10.000 çeşit takım üretimi ve 70.000 adet profil uç üretimi yapmaktadır. Avrupa, Asya, Afrika, Güney Amerika, Kuzey Amerika ve Orta Doğu kıtalarında şimdilik düzenli olarak 90 ülkeye ürün sevkiyatına devam etmektedir. Minimum 300.000 adet üretilmiş ürün stoklarında mevcut bulunmaktadır. Firma için özel üretilen çelik hammadde işleme girer ve bütün üretim süreci kendi bünyesinde gerçekleşmektedir. Çeliğin işlenmesi, ısıl işlemi, üzerindeki kaplama ve her türlü üretim operasyonları bir entegre tesis olan AKKO'da yapılmaktadır.

We as AKKO Makina Sanayi ve Ticaret A.Ş. which were founded by Abdullah KARAKUŞ in 1986, produce Turning Tool Holders, Threading and Grooving Tool Holders, U-Drills, Milling Tool Holders, Precision Tool Holders (OEM Tool Holders) on-demand, Monoblocks and Holders, and Profile Inserts. We produce a standard 10.000 kinds of tool holders with a production capacity of 750.000 pieces and 70.000 pieces of special profile inserts per year in an area of about 40.000 square meters. We are going on regularly exporting to 90 countries including European, Asian, African, South American Countries, North American Countries, and Middle Eastern countries. We keep ready about 300.000 pieces produced products in our stock. Steel Raw materials that we make produced especially for us are delivered our factory and all production process are made in our factory. All kinds of operations from machining of steel to heat treatment and coating on our tools are made in our integrated factory AKKO.

Wir die Firma AKKO Makina Sanayi ve Ticaret A.Ş. welches durch Herrn Abdullah Karakuş in 1986 gegründet wurde, produzieren Dreh-, Gewinde- und Stechwerkzeuge für Wendeschneidplatten. Zum Lieferprogramm gehören außerdem Wendeplattenbohrer, Wendeplattenfräser, Halter und auf Anfrage auch Sonderwerkzeuge für Wendeschneidplatten. Alle Werkzeuge sind auch als OEM-Version lieferbar. Wir produzieren 10.000 Standard Arten der Werkzeughalter mit einer Produktionskapazität von 750.000 Stücken und 70.000 Stück Spezialprofileinlagen per anum auf einer Fläche von 40.000 Quadrat Meter. Wir exportieren unsere eigenproduzierten Ware nach 90 Ländern, Europa, Asien, Afrika, Süd amerikanische Länder, Mittlerer Osten. Lieferbereit halten wir 300.000 Stück produzierte Produkte auf Lager. Das eingesetzte Rohmaterial wird speziell für unsere Firma produziert. Alle Produktionsschritte werden auf unseren eigenen Anlagen veranlasst. Alle einzelnen Produktionsschritte wie z.B. mechanische Bearbeitung, Wärmebehandlung und Beschichtung unserer Werkzeuge erfolgen auf unseren eigenen Maschinenanlagen.

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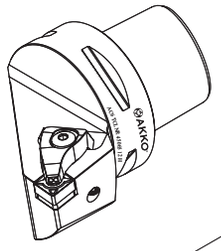


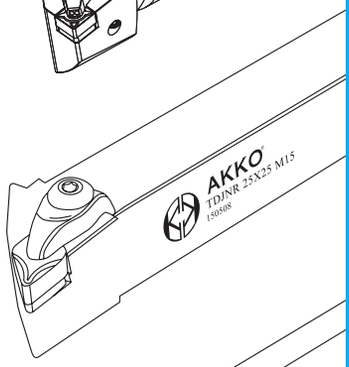


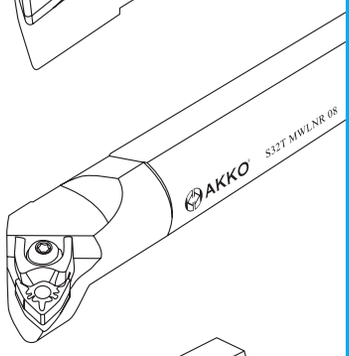


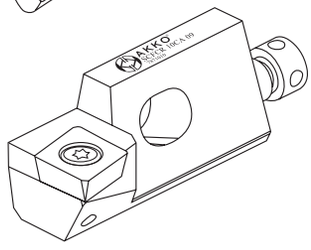

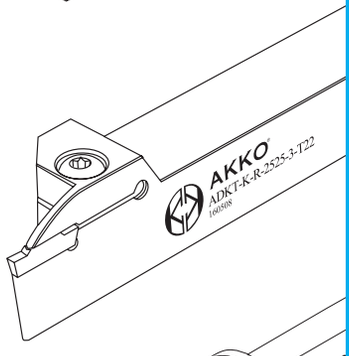


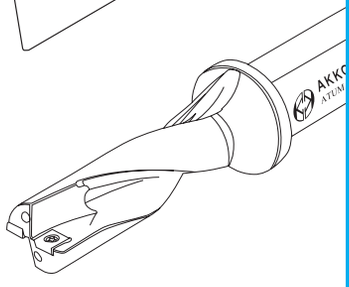

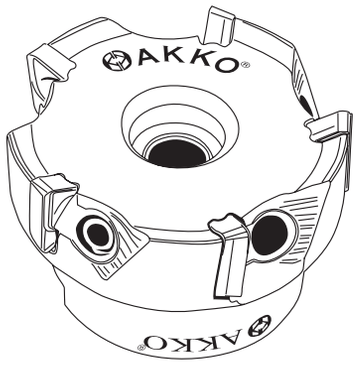

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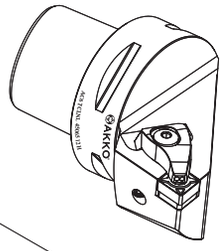

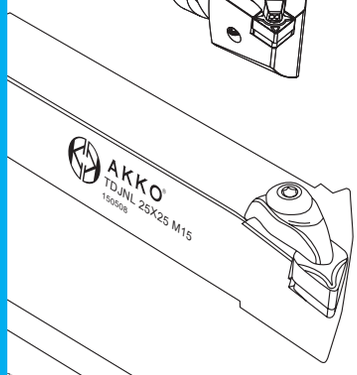


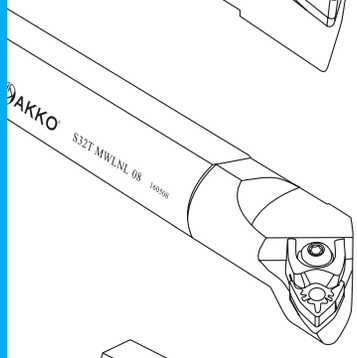


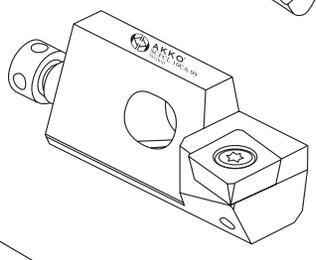

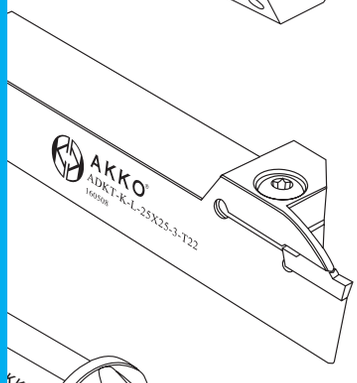


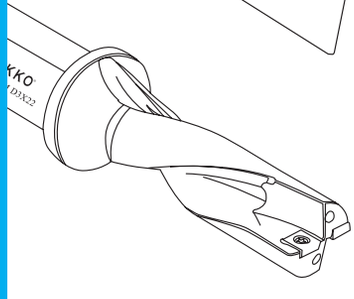

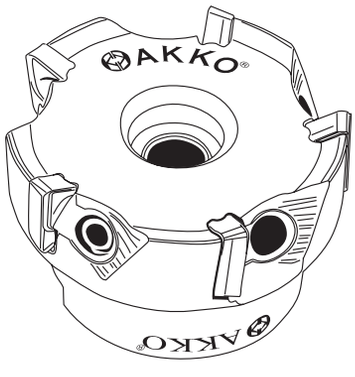



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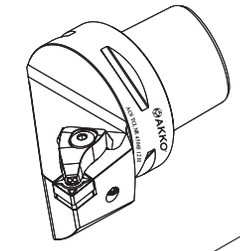
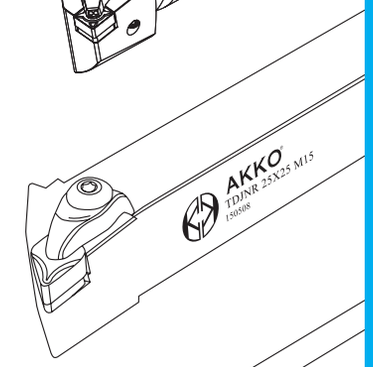
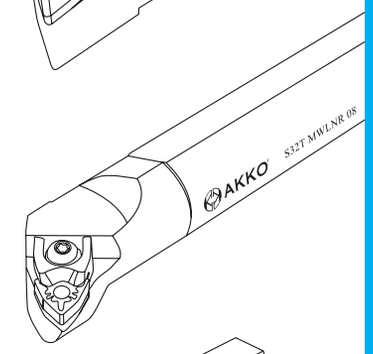
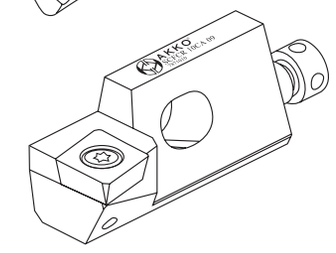
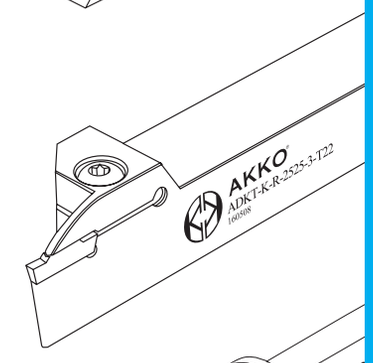
| | GEWINDEFRÄSERWERKZEUGE |
| | S-SYSTEM WENDELSCHAFTFRÄSER |
| | PLAN UND ECKMESSERKÖPFE |
| | MESSERKÖPFE FÜR RUNDE WENDESCHNEIDPLATTEN |
| | PLAN UND ECKMESSERKÖPFE |
| | HOCHVORSCHUBFRASER |
| | T-NUTENFRASER |
| | SCHEIBENFRASER |
| S462-466 | ABMESSUNGEN DER AUFNAHMEBOHRUNGEN FÜR MESSERKÖPFE |
| | **ERSATZTEILE** |
| S468-481 | ERSATZTEILE |
| S482-490 | **INHALTSVERZEICHNIS** |

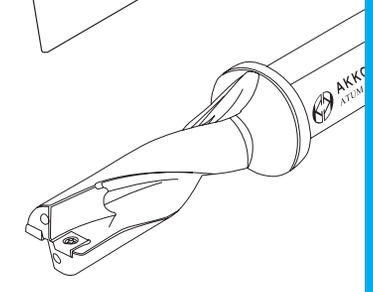



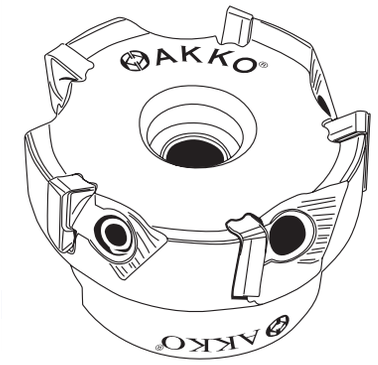



AKKO®

konuşulan
the spoken kalite...
quality...



**BİLGİLENDİRME**
***THE INFORMATION***
*INFORMIEREN*

- Teknik çizim ve fotoğraflar değişkenlik gösterebilir.
  Illustrations shown may vary from actual product.
  *Das Produkt kann von dem gezeigten Bild abweichen.*

- H içten su vermeyi ifade eder.
  H indicates internal coolant system.
  *H zeigt inneres Kühlmittel an.*

# POLİGONAL ŞAFTLI YEKPARE TAKIMLAR

*MONOBLOCK TOOLS WITH POLYGONAL SHANK*

*MONOBLOCKHALTER MIT POLGYGONSCHAFT*

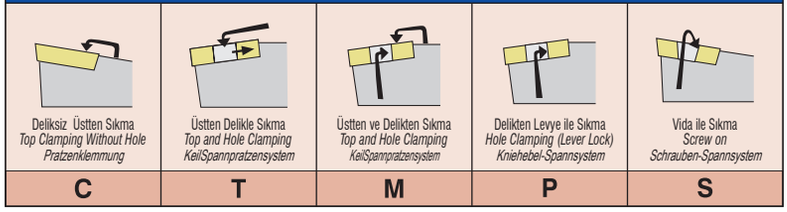
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
|---|---|---|---|---|---|---|---|---|---|---|
| A | C6 | S | C | L | C | R | 17 WF | 090 LF | 12 | H |
| AKKO | GÖVDE TİPİ<br>SHANK TYPE<br>KÖRPERTYP | SIKMA TİPİ<br>METHOD OF MOUNTING OF INSERT<br>KLEMMSYSTEM | UÇ TİPİ<br>INSERT TYPE<br>WENDESCHNEIDPLATTE | YANAŞMA AÇISI<br>ENTERING ANGLE<br>ANSTELLWINKEL | SERBEST UÇ AÇISI<br>INSERT CLEARANCE ANGLE<br>FREIWINKEL | KESME YÖNÜ<br>CUTTING DIRECTION<br>HALTERAUSFÜHRUNG | FONKSİYONEL GENİŞLİK<br>FUNCTIONAL WIDTH<br>FUNKTIONSBREITE | TAKIM TAM BOYU<br>FUNCTIONAL LENGTH<br>FUNKTIONSLÄNGE | KESME KENAR UZUNLUĞU<br>CUTTING EDGE LENGTH<br>SCHNEIDKANTENLÄNGE | İÇTEN SU VERME<br>COOLANT<br>MIT INNENKÜHLUNG |

**POLİGONAL ŞAFTLI YEKPARE TAKIMLAR**
MONOBLOCK TOOLS WITH POLYGONAL SHANK
MONOBLOCKHALTER MIT POLGYGONSCHAFT
C4-C5-C6-C8

**POLYGON ŞAFTLI DIŞ TORNA TAKIMLARI** / *EXTERNAL TURNING TOOLS WITH POLYGONSHANK* / **AUSSEN-DREHHALTER MIT POLYGONSCHAFT**
**POLYGON ŞAFTLI DELİK TORNA TAKIMLARI** / *INTERNAL TURNING TOOLS WITH POLYGONSHANK* / **INNEN-DREHHALTER MIT POLYGONSCHAFT**
**POLYGON ŞAFTLI DIŞ DİŞ AÇMA TAKIMLARI** / *EXTERNAL THREADING TOOLS WITH POLYGONSHANK* / **AUSSEN-GEWINDEHALTER MIT POLYGONSCHAFT**
**POLYGON ŞAFTLI DELİK İÇİ DİŞ AÇMA TAKIMLARI** / *INTERNAL THREADING TOOLS WITH POLYGONSHANK* / **INNEN-GEWINDEHALTER MIT POLYGONSCHAFT**

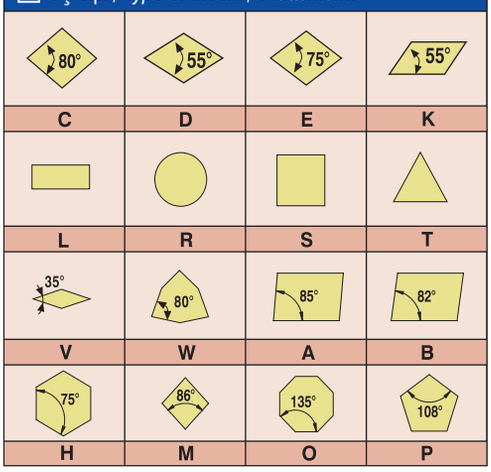
| S | C | L | C | R |
|---|---|---|---|---|
| 3 | 4 | 5 | 6 | 7 |

**3** Sıkma Tipi / *Method of Mounting of Insert* / *Klemmsystem*

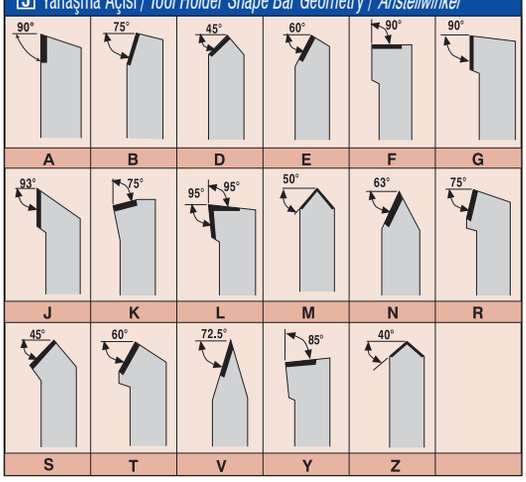


| C | T | M | P | S |
|---|---|---|---|---|
| Deliksiz Üstten Sıkma<br>*Top Clamping Without Hole*<br>*Pratzenklemmung* | Üstten Delikle Sıkma<br>*Top and Hole Clamping*<br>*KeilSpannpratzensystem* | Üstten ve Delikten Sıkma<br>*Top and Hole Clamping*<br>*KeilSpannpratzensystem* | Delikten Levye ile Sıkma<br>*Hole Clamping (Lever Lock)*<br>*Kniehebel-Spannsystem* | Vida ile Sıkma<br>*Screw on*<br>*Schrauben-Spannsystem* |

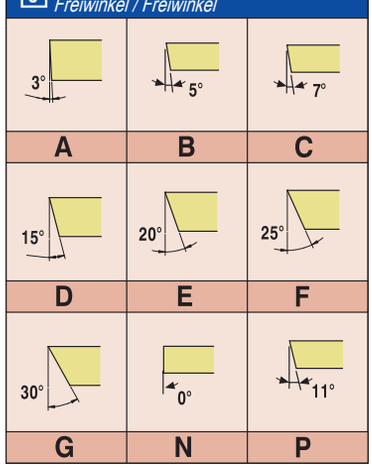
**4** Uç Tipi / *Type of Insert* / *Plattenform*



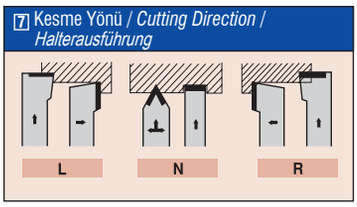

**5** Yanaşma Açısı / *Tool Holder Shape Bar Geometry* / *Anstellwinkel*




**6** Serbest Uç Açısı / *Insert Clearance Ange* *Freiwinkel* / *Freiwinkel*



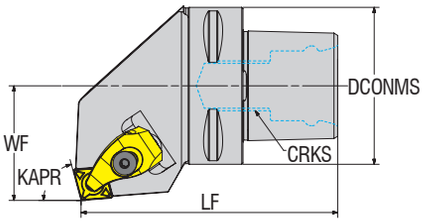

**7** Kesme Yönü / *Cutting Direction* / *Halterausführung*




**8** WF — **9** LF

| WF: İşlevsel Genişlik<br>WF: Functional Width<br>WF: Funktionelle Breite | LF: İşlevsel Uzunluk<br>LF: Functional Length<br>LF: Funktionelle Länge |
|---|---|

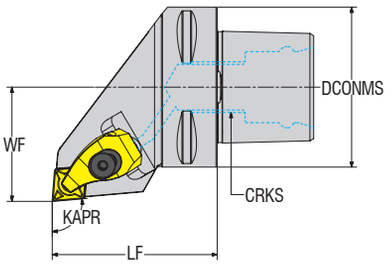
## KAPR=93°




ISO 26623-1 CHIP

| Takım Kodu / Ordering Code / Bestell-Bezeichnung | Stok / Stock / Lager | | Takım Ölçüleri (mm) / Dimension (mm) / Abmessung (mm) | | | | Kesici Uç / Insert / Wendeschneidplatte | Yedek Parçaları / Spare Parts / Ersatzteile: Baskı Pabucu / Wedge Clamp / Spannpratze | Pabuç Vidası / Clamp Screw / Klemmschraube | Altlık / Shim / Unterlage | Altlık Vidası / Shim Screw / Schraube für Unterlage | Yay / Spring / Feder | Oring / Ring / Feder | Anahtar / Allen Key / Innensechskantschlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | DCONMS | LF | WF | CRKS | | | | | | | | |
| AC4 TCKNR/L 27050 12 H | ● | ● | 40 | 50 | 27 | M14x1.5 | CN.. 120408 | ATKH-01-R ATKH-02-L | AKV-33-M6X22 | AACN-3-0001 | AAV-02-M5X10 | AKY-01 | AXR-01 | AAL-03-3 |
| AC5 TCKNR/L 35060 12 H | ● | ● | 50 | 60 | 35 | M16x1.5 | | | | | | | | |
| AC6 TCKNR/L 45065 12 H | ● | ● | 63 | 65 | 45 | M20x2 | | | | | | | | |
| AC4 TCKNR/L 27050 16 H | ● | ● | 40 | 50 | 27 | M14x1.5 | CN.. 160612 | ATKH-07-R ATKH-08-L | AKV-39-M7X21 | AACN-3-0002 | AAV-05-M6X10 | | | AAL-05-4 |
| AC5 TCKNR/L 35060 16 H | ● | ● | 50 | 60 | 35 | M16x1.5 | | | | | | | | |
| AC6 TCKNR/L 45065 16 H | ● | ● | 63 | 65 | 45 | M20x2 | | | | | | | | |
| AC6 TCKNR/L 45065 19 H | ● | ● | 63 | 65 | 45 | M20x2 | CN.. 190612 | ATKH-09-R ATKH-10-L | | AACN-3-0003 | AAV-05-M6X16 | | | |
| AC8 TCKNR/L 55080 19 H | ● | ● | 80 | 80 | 55 | M20x2 | | | | | | | | |

## KAPR=95°



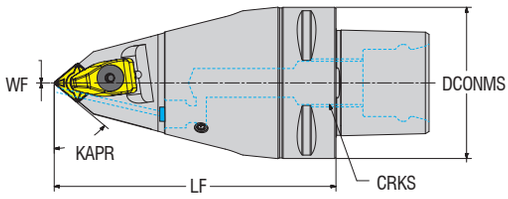

ISO 26623-1 CHIP

| Takım Kodu / Ordering Code / Bestell-Bezeichnung | Stok / Stock / Lager | | Takım Ölçüleri (mm) / Dimension (mm) / Abmessung (mm) | | | | Kesici Uç / Insert / Wendeschneidplatte | Yedek Parçaları / Spare Parts / Ersatzteile: Baskı Pabucu / Wedge Clamp / Spannpratze | Pabuç Vidası / Clamp Screw / Klemmschraube | Altlık / Shim / Unterlage | Altlık Vidası / Shim Screw / Schraube für Unterlage | Yay / Spring / Feder | Oring / Ring / Feder | Pul / Stamp / Ring | Anahtar / Allen Key / Innensechskantschlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | DCONMS | LF | WF | CRKS | | | | | | | | | |
| new AC3 TCLNR/L 22040 09 H | ● | ● | 32 | 40 | 22 | M12x1.5 | CN.. 090308 | ATK-01 | AKV-01-M5x22 | AACN-2-0001 | AAV-09-M5x9 | - | - | ABPL-01 | |
| new AC4 TCLNR/L 27050 09 H | ● | ● | 40 | 50 | 27 | M14x1.5 | | | | | | | | | |
| new AC3 TCLNR/L 22045 12 H | ● | ● | 32 | 45 | 22 | M12x1.5 | CN.. 120408 | ATKH-01-R | AKV-33-M6x22 | AACN-3-0001 | AAV-13-M5x8 | AKY-01 | AXR-01 | - | AAL-03-3 |
| AC4 TCLNR/L 27060 12 H | ● | ● | 40 | 60 | 27 | M14x1.5 | | ATKH-01-R ATKH-02-L | | | | | | | |
| AC5 TCLNR/L 35060 12 H | ● | ● | 50 | 60 | 35 | M16x1.5 | | | | | | | | | |
| AC6 TCLNR/L 45065 12 H | ● | ● | 63 | 65 | 45 | M20x2 | | | | | | | | | |
| AC8 TCLNR/L 55080 12 H | ● | ● | 80 | 80 | 55 | M20x2 | | | | | | | | | |
| new AC4 TCLNR/L 27055 16 H | ● | ● | 40 | 55 | 27 | M14x1.5 | CN.. 160612 | ATKH-07-R | AKV-39-M7X21 | AACN-3-0002 | AAV-05-M6X10 | | | | AAL-05-4 |
| new AC5 TCLNR/L 35060 16 H | ● | ● | 50 | 60 | 35 | M16x1.5 | | | | | | | | | |
| new AC6 TCLNR/L 45065 16 H | ● | ● | 63 | 65 | 45 | M20x2 | | | | | | | | | |
| new AC8 TCLNR/L 55080 16 H | ● | ● | 80 | 80 | 55 | M20x2 | | | | | | | | | |
| new AC5 TCLNR/L 35060 19 H | ● | ● | 50 | 60 | 35 | M16x1.5 | CN.. 190612 | ATKH-09-R ATKH-10-L | AKV-39-M7X21 | AACN-3-0003 | AAV-17-M6x14 | AKY-02 | | | |
| new AC6 TCLNR/L 45065 19 H | ● | ● | 63 | 65 | 45 | M20x2 | | | | | | | | | |
| new AC8 TCLNR/L 55080 19 H | ● | ● | 80 | 80 | 55 | M20x2 | | | | | | | | | |

● *Stokta / In Stock / Auf Lager* ○ *Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage*

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AC4 TCKNR 27050 12 H

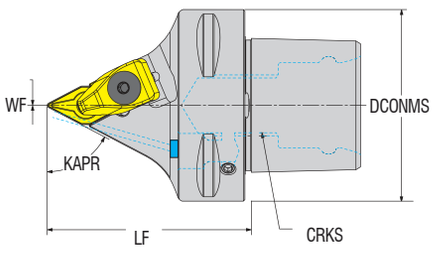
**KAPR=50°**




ISO 26623-1 CHIP

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DCONMS | LF | WF | CRKS | | Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Oring *Ring* *Feder* | Pul *Stamp* *Ring* | Nozul *Nozzle* *Nozzle Düse* | Anahtar *Allen Key* *Innensechskantschlüssel* |
| **AC6 TCMNN 00115 12** | ● | 63 | 115 | 0 | M20x2 | **CN.. 120408** | ATK-02 | AKV-30-M6x22 | AACN-3-0001 | AAV-13-M5x8 | AS-01 | ABPL-01 | ACN-M12-12.5 | AAL-03-3 |
| **AC8 TCMNN 00150 16** | ● | 80 | 150 | 0 | M20x2 | **CN.. 160608** | ATK-04 | AKV-19-M7x25 | AACN-3-0002 | AAV-05-M6x15 | AS-02 | ABPL-02 | ACN-M12-12.5 | AAL-05-4 |

**KAPR=50°**



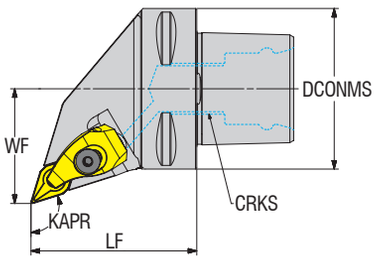

ISO 26623-1 CHIP

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DCONMS | LF | WF | CRKS | | Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Oring *Ring* *Feder* | Pul *Stamp* *Ring* | Nozul *Nozzle* *Nozzle Düse* | Anahtar *Allen Key* *Innensechskantschlüssel* |
| **AC4 TDNNN 00050 11** | ● | 40 | 50 | 0 | M14x1.5 | **DN.. 110408** | ATK-01 | AKV-01-M5x22 | AADN-2-0001 | AAV-04-M5x12 | - | ABPL-01 | ACN-M8-8.5 | AAL-03-3 |
| **AC4 TDNNN 00055 15** | ● | 40 | 55 | 0 | M14x1.5 | **DN.. 150608** | ATK-02 | AKV-30-M6x22 | AADN-3-0001 | AAV-02-M5x12 | AS-01 | | ACN-M10-10.5 | |
| **AC5 TDNNN 00060 15** | ● | 50 | 60 | 0 | M16x1.5 | | | | | | | | ACN-M12-12.5 | |
| **AC6 TDNNN 00065 15** | ● | 63 | 65 | 0 | M20x2 | | | | | | | | | |
| **AC8 TDNNN 00080 15** | ● | 80 | 80 | 0 | M20x2 | | | | | | | | | |

● *Stokta / In Stock / Auf Lager* ○ *Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage*

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AC6 TCMNN 00115 12

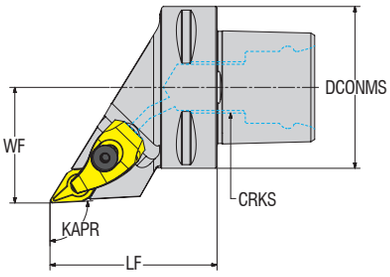
**KAPR=107.5°**



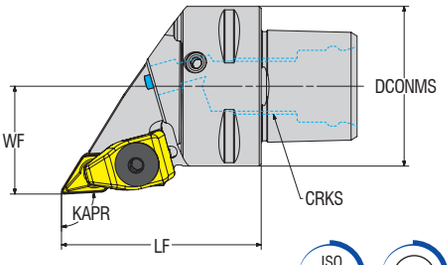

ISO 26623-1 CHIP

| Takım Kodu / Ordering Code / Bestell-Bezeichnung | Stok / Stock / Lager | | Takım Ölçüleri (mm) / Dimension (mm) / Abmessung (mm) | | | | Kesici Uç / Insert / Wendeschneidplatte | Yedek Parçaları / Spare Parts / Ersatzteile: Baskı Pabucu / Wedge Clamp / Spannpratze | Pabuç Vidası / Clamp Screw / Klemmschraube | Altlık / Shim / Unterlage | Altlık Vidası / Shim Screw / Schraube für Unterlage | Yay / Spring / Feder | Oring / Ring / Feder | Anahtar / Allen Key / Innensechskantschlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | DCONMS | LF | WF | CRKS | | | | | | | | |
| AC4 TDHNR/L 27055 15 H | ● | ● | 40 | 55 | 27 | M14x1.5 | DN.. 150608 | ATKH-01-R ATKH-02-L | AKV-33-M6x22 | AADN-3-0001 | AAV-13-M5x8 | AKY-01 | AXR-01 | AAL-03-3 |
| AC5 TDHNR/L 35060 15 H | ● | ● | 50 | 60 | 35 | M16x1.5 | | | | | | | | |
| AC6 TDHNR/L 45065 15 H | ● | ● | 63 | 65 | 45 | M20x2 | | | | | | | | |
| AC8 TDHNR/L 55080 15 H | ● | ● | 80 | 80 | 55 | M20x2 | | | | | | | | |

**KAPR=93°**




(figure.1)




(figure.2)

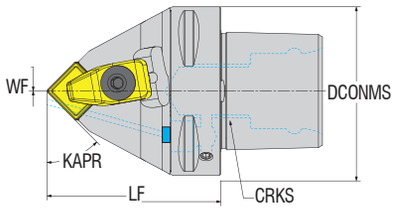
ISO 26623-1 CHIP

| Takım Kodu / Ordering Code / Bestell-Bezeichnung | Stok / Stock / Lager | | Takım Ölçüleri (mm) / Dimension (mm) / Abmessung (mm) | | | | | Kesici Uç / Insert / Wendeschneidplatte | Yedek Parçaları / Spare Parts / Ersatzteile: Baskı Pabucu / Wedge Clamp / Spannpratze | Pabuç Vidası / Clamp Screw / Klemmschraube | Altlık / Shim / Unterlage | Altlık Vidası / Shim Screw / Schraube für Unterlage | Yay / Spring / Feder | Oring / Ring / Feder | Nozul / Nozzle / Düse | Anahtar / Allen Key / Innensechskantschlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | DCONMS | LF | WF | CRKS | Fig. | | | | | | | | | |
| new AC3 TDJNR/L 22045 11 | ● | ● | 32 | 45 | 22 | M12x1.5 | Fig.2 | DN.. 110408 | ATK-01 | AKV-01-M5x22 | AADN-2-0001 | AAV-04-M5x12 | - | - | ACN-M8-8.5 | AAL-03-3 |
| new AC4 TDJNR/L 27050 11 | ● | ● | 40 | 50 | 27 | M14x1.5 | Fig.2 | | | | | | | | | |
| new AC5 TDJNR/L 35060 11 H | ● | ● | 50 | 60 | 35 | M16x1.5 | Fig.1 | | ATKH-05-R ATKH-06-L | AKV-33-M6x22 | | | AKY-01 | AXR-01 | - | |
| new AC6 TDJNR/L 45065 11 H | ● | ● | 63 | 65 | 45 | M20x2 | Fig.1 | | | | | | | | | |
| AC4 TDJNR/L 27060 15 H | ● | ● | 40 | 60 | 27 | M14x1.5 | Fig.1 | DN.. 150608 | ATKH-01-R ATKH-02-L | | AADN-3-0001 | AAV-13-M5x8 | | | | |
| AC5 TDJNR/L 35060 15 H | ● | ● | 50 | 60 | 35 | M16x1.5 | Fig.1 | | | | | | | | | |
| AC6 TDJNR/L 45065 15 H | ● | ● | 63 | 65 | 45 | M20x2 | Fig.1 | | | | | | | | | |
| AC8 TDJNR/L 55080 15 H | ● | ● | 80 | 80 | 55 | M20x2 | Fig.1 | | | | | | | | | |

Sağ takımlarda sol baskı pabucu, sol takımlarda sağ baskı pabucu kullanılmalıdır.
The left wedge clamp should be used on right-hand tools, and the right wedge clamp should be used on left-hand tools.
*Die linke Spannpratze für rechte Werkzeuge und die rechte Spannpratze für linke Werkzeuge verwendet werden.*

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AC4 TDHNR 27055 15 H

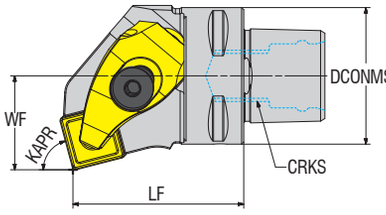
**KAPR=50°**



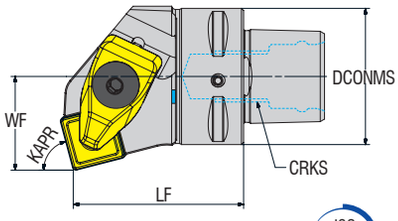

ISO 26623-1 CHIP

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DCONMS | LF | WF | CRKS | | Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Oring *Ring* *Feder* | Pul *Stamp* *Ring* | Nozul *Nozzle* *Nozzle Düse* | Anahtar *Allen Key* *Innensechskantschlüssel* |
| **AC3 TSDNN 00048 12** | ● | 32 | 48 | 0 | M12x1.5 | **SN.. 120408** | ATK-02 | AKV-30-M6x22 | AASN-3-0004 | AAV-02-M5x12 | AS-01 | ABPL-01 | - | AAL-03-3 |
| **AC4 TSDNN 00050 12** | ● | 40 | 50 | 0 | M14x1.5 | | | | | | | | ACN-M8-8.5 | |
| **AC5 TSDNN 00060 12** | ● | 50 | 60 | 0 | M16x1.5 | | | | | | | | ACN-M10-10.5 | |
| **AC6 TSDNN 00065 12** | ● | 63 | 65 | 0 | M20x2 | | | | | | | | ACN-M12-12.5 | |
| **AC5 TSDNN 00060 15** | ● | 50 | 60 | 0 | M16x1.5 | **SN.. 150608** | | AKV-19-M7x25 | AASN-3-0023 | AAV-05-M6x15 | AS-02 | ABPL-02 | ACN-M10-10.5 | AAL-05-4 |
| **AC6 TSDNN 00065 15** | ● | 63 | 65 | 0 | M20x2 | | | | | | | | ACN-M12-12.5 | |
| **AC5 TSDNN 00065 19** | ● | 50 | 65 | 0 | M16x1.5 | **SN.. 190608** | ATK-04 | | AASN-3-0005 | AAV-17-M6x14 | | | ACN-M10-10.5 | |
| **AC6 TSDNN 00070 19** | ● | 63 | 70 | 0 | M20x2 | | | | | | | | ACN-M12-12.5 | |

**KAPR=75°**




(figure.1)




(figure.2)

ISO 26623-1 CHIP

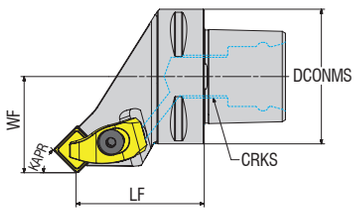
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | DCONMS | LF | WF | CRKS | Fig. | | Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Yay *Spring* *Feder* | Pul *Stamp* *Ring* | Oring *Ring* *Feder* | Nozul *Nozzle* *Nozzle Düse* | Anahtar *Allen Key* *Innensechskantschlüssel* |
| **AC3 TSKNR/L 22040 12** | ● | ● | 32 | 40 | 22 | M12x1.5 | Fig. 2 | **SN.. 120408** | ATKH-01-R ATKH-02-L | AKV-30-M6X22 | AASN-3-0004 | AAV-02-M5x12 | - | ABPL-01 | AS-01 | ACN-M8-8.5 | AAL-03-3 |
| **AC4 TSKNR/L 27050 12 H** | ● | ● | 40 | 50 | 27 | M14x1.5 | Fig. 1 | | | AKV-33-M6X22 | | | AKY-01 | - | AXR-01 | - | |
| **AC5 TSKNR/L 35060 12 H** | ● | ● | 50 | 60 | 35 | M16x1.5 | Fig. 1 | | | | | | | | | | |
| **AC6 TSKNR/L 45065 12 H** | ● | ● | 63 | 65 | 45 | M20x2 | Fig. 1 | | | | | | | | | | |
| **AC5 TSKNR/L 35060 15 H** | ● | ● | 50 | 60 | 35 | M16x1.5 | Fig. 1 | **SN.. 150612** | ATKH-07-R ATKH-08-L | AKV-39-M7X21 | AASN-3-0023 | AAV-05-M6x10 | | | | | |
| **AC6 TSKNR/L 45065 15 H** | ● | ● | 60 | 65 | 45 | M20x2 | Fig. 1 | | | | | | | | | | |
| **AC5 TSKNR/L 35060 19 H** | ● | ● | 50 | 60 | 35 | M16x1.5 | Fig. 1 | **SN.. 190612** | ATKH-09-R ATKH-10-L | AKV-39-M7X21 | AASN-3-0023 | AAV-17-M6x14 | | | | | AAL-05-4 |
| **AC6 TSKNR/L 45065 19 H** | ● | ● | 63 | 65 | 45 | M20x2 | Fig. 1 | | | | | | | | | | |
| **AC8 TSKNR/L 55080 19 H** | ● | ● | 80 | 80 | 55 | M20x2 | Fig. 1 | | | | | | | | | | |

● *Stokta / In Stock / Auf Lager* ○ *Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage*

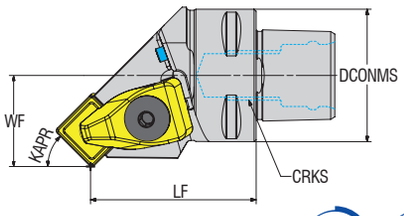
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AC3 TSDNN 00048 12

new

**KAPR=45°**




(figure.1)



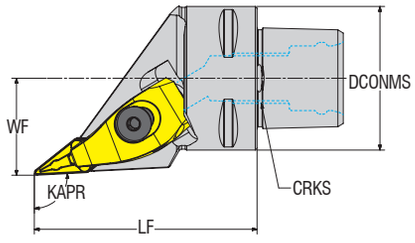

(figure.2)

ISO 26623-1 CHIP

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | DCONMS | LF | WF | CRKS | Fig. | | Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Oring *Ring* *Feder* | Pul *Stamp* *Ring* | Yay *Spring* *Feder* | Nozul *Nozzle* *Nozzle Düse* | Anahtar *Allen Key* *Innensechskantschlüssel* |
| AC3 TSSNR/L 22040 12 | ● | ● | 32 | 40 | 22 | M12x1.5 | 2 | SN.. 120408 | ATK-02 | AKV-30-M6x22 | AASN-3-0004 | AAV-02-M5x12 | AS-01 | ABPL-01 | - | ACN-M8-8.5 | AAL-03-3 |
| AC4 TSSNR/L 27042 12 | ● | ● | 40 | 42 | 27 | M14x1.5 | 2 | | | | | | | | | | |
| AC5 TSSNR/L 35052 12 H | ● | ● | 50 | 52 | 35 | M16x1.5 | 1 | | ATKH-02-L ATKH-01-R | | | | AXR-01 | - | AKY-01 | - | |
| AC6 TSSNR/L 45056 12 H | ● | ● | 63 | 56 | 45 | M20x2 | 1 | | | AKV-33-M6x22 | | | | | | | |
| AC4 TSSNR/L 27045 15 | ● | ● | 40 | 45 | 27 | M14x1.5 | 2 | SN.. 150612 | ATK-04 | AKV-19-M7x25 | AASN-3-0023 | AAV-05-M6x15 | AS-02 | | - | ACN-M8-8.5 | AAL-05-4 |
| AC5 TSSNR/L 35050 15 H | ● | ● | 50 | 50 | 35 | M16x1.5 | 1 | | ATKH-08-L ATKH-07-R | | | | AXR-01 | | AKY-01 | - | |
| AC6 TSSNR/L 45054 15 H | ● | ● | 63 | 54 | 45 | M20x2 | 1 | | | | | | | | | | |
| AC5 TSSNR/L 35048 19 H | ● | ● | 50 | 48 | 35 | M16x1.5 | 1 | SN.. 190612 | ATKH-10-L ATKH-09-R | AKV-39-M7x21 | AASN-3-0005 | AAV-17-M6x14 | | | | | |
| AC6 TSSNR/L 45052 19 H | ● | ● | 63 | 52 | 45 | M20x2 | 1 | | | | | | | | | | |

new

**KAPR=93°**



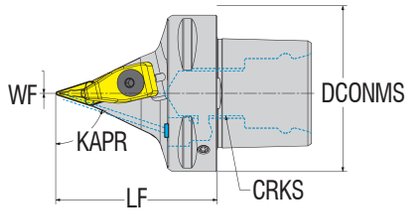

ISO 26623-1 CHIP

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | DCONMS | LF | WF | CRKS | | Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Yay *Spring* *Feder* | Oring *Ring* *Feder* | Anahtar *Allen Key* *Innensechskantschlüssel* |
| AC4 TVJNR/L 27062 16 H | ● | ● | 40 | 62 | 27 | M14x1.5 | VN.. 160408 | ATKH-06-L ATKH-05-R | AKV-33-M6x22 | AAVN-2-0002 | AAV-04-M5x12 | AKY-01 | AXR-01 | AAL-03-3 |
| AC5 TVJNR/L 35065 16 H | ● | ● | 50 | 65 | 35 | M16x1.5 | | | | | | | | |
| AC6 TVJNR/L 45065 16 H | ● | ● | 63 | 65 | 45 | M20x2 | | | | | | | | |
| AC8 TVJNR/L 55080 16 H | ● | ● | 80 | 80 | 55 | M20x2 | | | | | | | | |

● *Stokta / In Stock / Auf Lager* ○ *Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage*

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AC3 TSSNR 22040 12

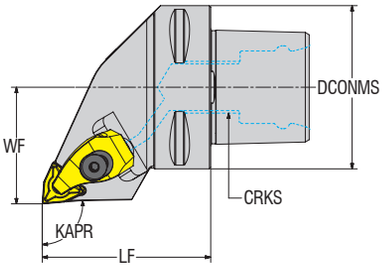
**KAPR=50°**




ISO 26623-1 CHIP

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DCONMS | LF | WF | CRKS | | Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Oring *Ring* *Feder* | Pul *Stamp* *Ring* | Nozul *Nozzle* *Nozzle Düse* | Anahtar *Allen Key* *Innensechskantschlüssel* |
| **AC4 TVVNN 00062 16** | ● | 40 | 62 | 0 | M14x1.5 | **VN.. 160408** | ATK-03 | AKV-30-M6x22 | AAVN-2-0002 | AAV-04-M5x12 | AS-01 | ABPL-01 | ACN-M8-8.5 | AAL-03-3 |
| **AC5 TVVNN 00065 16** | ● | 50 | 65 | 0 | M16x1.5 | | | | | | | | ACN-M10-10.5 | |
| **AC6 TVVNN 00065 16** | ● | 63 | 65 | 0 | M20x2 | | | | | | | | ACN-M12-12.5 | |
| **AC8 TVVNN 00080 16** | ● | 80 | 80 | 0 | M20x2 | | | | | | | | | |

**KAPR=95°**



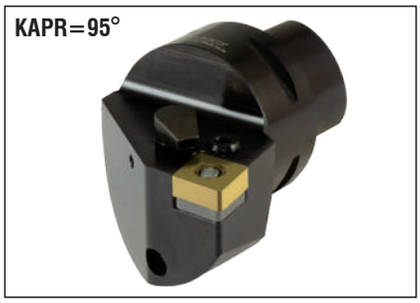

ISO 26623-1 CHIP

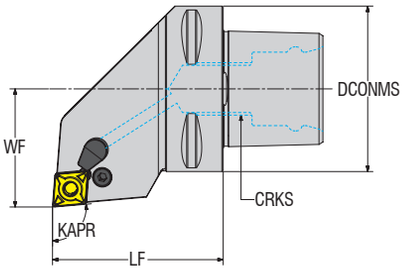
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | DCONMS | LF | WF | CRKS | | Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Yay *Spring* *Feder* | Oring *Ring* *Feder* | Anahtar *Allen Key* *Innensechskantschlüssel* |
| new **AC3 TWLNR/L 22040 06 H** | ● | ● | 32 | 40 | 22 | M12x1.5 | **WN.. 060408** | ATKH-03-R ATKH-04-L | AKV-37-M5X18 | AAWN-SW317 | AAV-01-M3x10 | AKY-03 | AXR-02 | AAL-02-2.5 |
| new **AC4 TWLNR/L 27050 06 H** | ● | ● | 40 | 50 | 27 | M14x1.5 | | | | | | | | |
| new **AC5 TWLNR/L 35060 06 H** | ● | ● | 50 | 60 | 35 | M16x1.5 | | | | | | | | |
| new **AC6 TWLNR/L 45065 06 H** | ● | ● | 63 | 65 | 45 | M20x2 | | | | | | | | |
| **AC4 TWLNR/L 27060 08 H** | ● | ● | 40 | 60 | 27 | M14x1.5 | **WN.. 080408** | ATKH-01-R ATKH-02-L | AKV-33-M6X22 | AAWN-3-0001 | AAV-13-M5x8 | AKY-01 | AXR-01 | AAL-03-3 |
| **AC5 TWLNR/L 35060 08 H** | ● | ● | 50 | 60 | 35 | M16x1.5 | | | | | | | | |
| **AC6 TWLNR/L 45065 08 H** | ● | ● | 63 | 65 | 45 | M20x2 | | | | | | | | |
| **AC8 TWLNR/L 55080 08 H** | ● | ● | 80 | 80 | 55 | M20x2 | | | | | | | | |

● *Stokta / In Stock / Auf Lager* ○ *Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage*

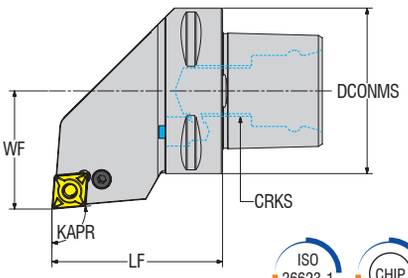
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AC4 TVVNN 00062 16

**KAPR=95°**






(figure.1)




(figure.2)

ISO 26623-1 CHIP

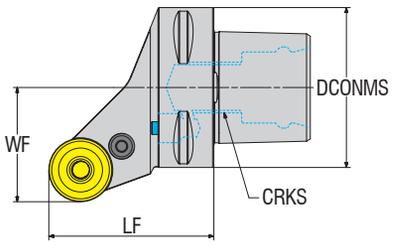
| Takım Kodu / Ordering Code / Bestell-Bezeichnung | Stok / Stock / Lager | | Takım Ölçüleri (mm) / Dimension (mm) / Abmessung (mm) | | | | | Kesici Uç / Insert / Wendeschneidplatte | Yedek Parçaları / Spare Parts / Ersatzteile | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Baskı Pabucu / Wedge Clamp / Spannpratze | Pabuç Vidası / Clamp Screw / Klemmschraube | Levye / Lever / Kniehebel | Levye Vidası / Lever Screw / Kniehebelschraube | Altlık / Shim / Unterlage | Altlık Yayı / Shim Spring / Feder für Unterlage | Oring / Ring / Feder | Nozul / Nozzle / Nozzle Düse | Nozul Vidası / Nozzle Screw / Düse Schraube | Anahtar / Allen Key / Innensechskantschlüssel |
| | R | L | DCONMS | LF | WF | CRKS | Fig. | | | | | | | | | | | |
| new **AC3 PCLNR/L 22040 12 H** | ● | ● | 32 | 40 | 22 | M12x1.5 | 1 | | | | | | | | | | 2715-M3x5 | |
| **AC4 PCLNR/L 27050 12 H** | ● | ● | 40 | 50 | 27 | M14x1.5 | 1 | | | | | | | | | | | |
| **AC5 PCLNR/L 35060 12 H** | ● | ● | 50 | 60 | 35 | M16x1.5 | 1 | **CN.. 120408** | | | APL-02 | ALV-03-M8X19 | AACN-3-0001 | AAY-02 | | | 2715-M3x11 | AAL-03-3 |
| **AC6 PCLNR/L 45065 12 H** | ● | ● | 63 | 65 | 45 | M20x2 | 1 | | | | | | | | | | | |
| **AC8 PCLNR/L 55080 12 H** | ● | ● | 80 | 80 | 55 | M20x2 | 1 | | - | - | | | | | | | | |
| new **AC4 PCLNR/L 27050 16 H** | ● | ● | 40 | 50 | 27 | M14x1.5 | 1 | | | | | | | | | | | |
| new **AC5 PCLNR/L 35060 16 H** | ● | ● | 50 | 60 | 35 | M16x1.5 | 1 | | | | | | | | | | | |
| new **AC6 PCLNR/L 45065 16 H** | ● | ● | 63 | 65 | 45 | M20x2 | 1 | **CN.. 160612** | | | APL-04 | ALV-04-M8X22 | AACN-3-0002 | AAY-03 | AXR-01 AOR-01 | AN-01 | | AAL-03-3 |
| new **AC8 PCLNR/L 55080 16 H** | ● | ● | 80 | 80 | 55 | M20x2 | 1 | | | | | | | | | | 2715-M3x5 | |
| new **AC5 PCLNR/L 35060 19 H** | ● | ● | 50 | 60 | 35 | M16x1.5 | 1 | | | | | | | | | | | |
| new **AC6 PCLNR/L 45065 19 H** | ● | ● | 63 | 65 | 45 | M20x2 | 1 | **CN.. 190612** | | | APL-05 | ALV-05-M10x27 | AACN-3-0003 | AAY-04 | | | | AAL-05-4 |
| new **AC8 PCLNR/L 55080 19 H** | ● | ● | 80 | 80 | 55 | M20x2 | 1 | | | | | | | | | | | |
| new **AC8 PCLNR/L 55080 25 C** | ● | ● | 80 | 80 | 55 | M20X2 | 2 | **CN.. 250924** | ACK-04 | AKV-16 -M6x16 | APL-06 | ALV-06-M12x36 | AACN-3-0008 | AAY-05 | - | ACN-M12-12.5 | 2715-M3x11 | AAL-07-5 |

● *Stokta / In Stock / Auf Lager* ○ *Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage*

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AC3 PCLNR 22040 12 H

new

**KAPR=45°**

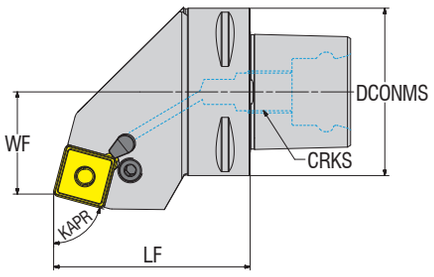



ISO 26623-1 CHIP

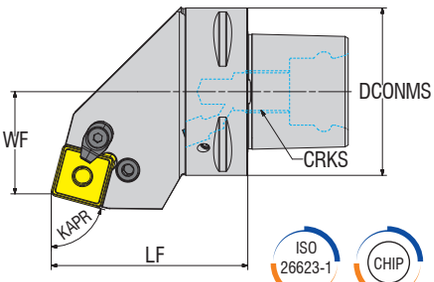
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Levye *Lever* *Kniehebel* | Levye Vidası *Lever Screw* *Kniehebelschraube* | Altlık *Shim* *Unterlage* | Altlık Yayı *Shim Spring* *Feder für Unterlage* | Oring *Ring* *Feder* | Nozul *Nozzle* *Nozzle Düse* | Nozul Vidası *Nozzle Screw* *Düse Schraube* | Anahtar *Allen Key* *Innensechskantschlüssel* |
| | R | L | DCONMS | LF | WF | CRKS | | | | | | | | | | |
| **AC6 PRSCR/L 45065 25** | ● | ● | 63 | 65 | 45 | M20x2 | **RC.. 25070** | APL-12 | ALV-05-M10x27 | AARN-1-0002 | AAY-04 | - | ACN-M12-12.5 | - | AAL-05-4 |
| **AC8 PRSCR/L 55080 25** | ● | ● | 80 | 80 | 55 | M20x2 | | | | | | | | | |
| **AC8 PRSCR/L55080 32** | ● | ● | 80 | 80 | 55 | M20x2 | **RC.. 32090** | APL-13 | ALV-06-M12x36 | AARN-1-0001 | AAY-05 | | | | AAL-07-5 |

new

**KAPR=75°**




(figure.1)




(figure.2)

ISO 26623-1 CHIP

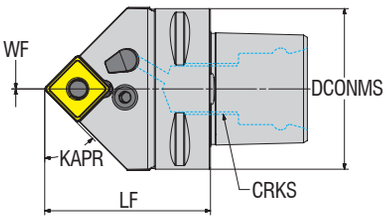
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Levye *Lever* *Kniehebel* | Levye Vidası *Lever Screw* *Kniehebelschraube* | Altlık *Shim* *Unterlage* | Altlık Yayı *Shim Spring* *Feder für Unterlage* | Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Oring *Ring* *Feder* | Nozul *Nozzle* *Nozzle Düse* | Nozul Vidası *Nozzle Screw* *Düse Schraube* | Anahtar *Allen Key* *Innensechskantschlüssel* |
| | R | L | DCONMS | LF | WF | CRKS | Fig. | | | | | | | | | | | | |
| **AC6 PSBNR/L 45065 19 H** | ● | ● | 63 | 65 | 45 | M20x2 | 1 | | | | | | - | - | | | | |
| **AC6 PSBNR/L 45090 19 H** | ● | ● | 63 | 90 | 45 | M20x2 | 1 | **SN.. 190608** | APL-05 | ALV-05-M10x27 | AASN-3-0005 | AAY-04 | | | AXR-01 / AOR-01 | AN-01 | 2715-M3x8 | AAL-05-4 |
| **AC8 PSBNR/L 55080 25 H** | ● | ● | 80 | 80 | 55 | M20x2 | 2 | **SN.. 250924** | | | | | ACK-04 | AKV-16-M6X16 | - | ACN-M12-12.5 | - | AAL-07-5 |

● *Stokta / In Stock / Auf Lager* ○ *Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage*

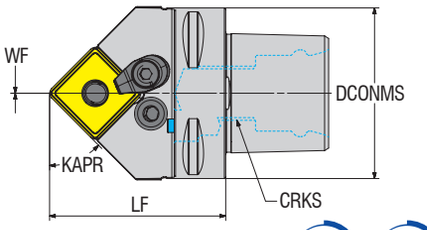
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AC6 PRSCR 45065 25

new

**KAPR=45°**




(figure.1)



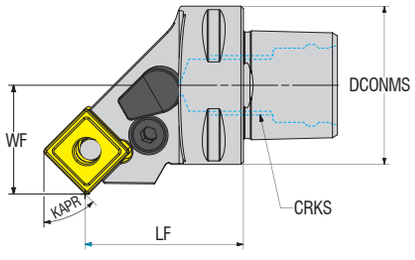

(figure.2)

ISO 26623-1 CHIP

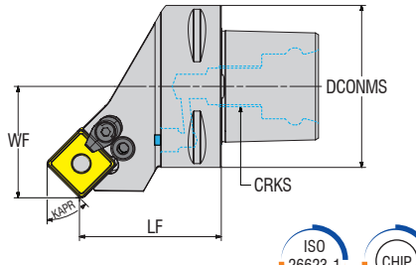
| Takım Kodu / Ordering Code / Bestell-Bezeichnung | Stok / Stock / Lager | | Takım Ölçüleri (mm) / Dimension (mm) / Abmessung (mm) | | | | | Kesici Uç / Insert / Wendeschneidplatte | Yedek Parçaları / Spare Parts / Ersatzteile | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Levye / Lever / Kniehebel | Levye Vidası / Lever Screw / Kniehebelschraube | Altlık / Shim / Unterlage | Altlık Yayı / Shim Spring / Feder für Unterlage | Oring / Ring / Feder | Nozul / Nozzle / Nozzle Düse | Nozul Vidası / Nozzle Screw / Düse Schraube | Anahtar / Allen Key / Innensechskantschlüssel |
| | R | L | DCONMS | LF | WF | CRKS | Fig. | | | | | | | | | |
| AC4 PSDNN 00050 12 H | ● | ● | 40 | 50 | 0 | M14x1.5 | 1 | SN.. 120408 | APL-02 | ALV-03-M8X19 | AASN-3-0004 | AAY-02 | AXR-01 AOR-01 | AN-01 | 2715-M3x8 | AAL-03-3 |
| AC5 PSDNN 00060 12 H | ● | ● | 50 | 60 | 0 | M16x1.5 | 1 | | | | | | | | | |
| AC6 PSDNN 00065 12 H | ● | ● | 63 | 65 | 0 | M20x2 | 1 | | | | | | | | | |
| AC4 PSDNN 00050 15 H | ● | ● | 40 | 50 | 0 | M14x1.5 | 1 | SN.. 150612 | APL-04 | ALV-04-M8X22 | AASN-3-0023 | AAY-03 | | | | |
| AC5 PSDNN 00060 15 H | ● | ● | 50 | 60 | 0 | M16x1.5 | 1 | | | | | | | | | |
| AC6 PSDNN 00065 15 H | ● | ● | 63 | 65 | 0 | M20x2 | 1 | | | | | | | | | |
| AC5 PSDNN 00060 19 H | ● | ● | 50 | 60 | 0 | M16x1.5 | 1 | SN.. 190612 | APL-05 | ALV-05-M10X27 | AASN-3-0005 | AAY-04 | | | | AAL-05-4 |
| AC6 PSDNN 00065 19 H | ● | ● | 63 | 65 | 0 | M20x2 | 1 | | | | | | | | | |
| AC6 PSDNN 00065 25C | ● | ● | 63 | 65 | 0 | M20x2 | 2 | SN.. 250924 | APL-06 | ALV-06-M12X36 | AASN-3-0020 | AAY-05 | - | ACN-M12-12.5 | - | AAL-07-5 |
| AC8 PSDNN 00080 25C | ● | ● | 80 | 80 | 0 | M20x2 | 2 | | | | | | | | | |

new

**KAPR=45°**




(figure.1)




(figure.2)

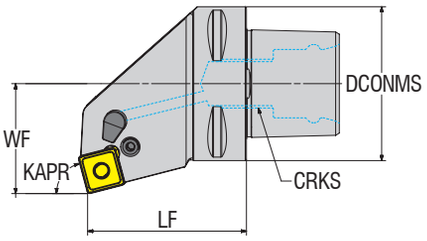
ISO 26623-1 CHIP

| Takım Kodu / Ordering Code / Bestell-Bezeichnung | Stok / Stock / Lager | | Takım Ölçüleri (mm) / Dimension (mm) / Abmessung (mm) | | | | | Kesici Uç / Insert / Wendeschneidplatte | Yedek Parçaları / Spare Parts / Ersatzteile | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Levye / Lever / Kniehebel | Levye Vidası / Lever Screw / Kniehebelschraube | Altlık / Shim / Unterlage | Altlık Yayı / Shim Spring / Feder für Unterlage | Baskı Pabucu / Wedge Clamp / Spannpratze | Pabuç Vidası / Clamp Screw / Klemmschraube | Oring / Ring / Feder | Nozul / Nozzle / Nozzle Düse | Nozul Vidası / Nozzle Screw / Düse Schraube | Anahtar / Allen Key / Innensechskantschlüssel |
| | R | L | DCONMS | LF | WF | CRKS | Fig. | | | | | | | | | | | |
| AC3 PSSNR/L 22032 12 H | ● | ● | 32 | 32 | 22 | M12x1.5 | 1 | SN.. 120408 | APL-02 | ALV-03-M8X19 | AASN-3-0004 | AAY-02 | - | - | AXR-01 AOR-01 | AN-01 | 2715-M3x4 | AAL-03-3 |
| AC4 PSSNR/L 27042 12 H | ● | ● | 40 | 42 | 27 | M14x1.5 | 1 | | | | | | | | | | | |
| AC5 PSSNR/L 35052 12 H | ● | ● | 50 | 52 | 35 | M16x1.5 | 1 | | | | | | | | | | | |
| AC6 PSSNR/L 45056 12 H | ● | ● | 63 | 56 | 46 | M20x2 | 1 | | | | | | | | | | | |
| AC6 PSSNR/L 45054 15 H | ● | ● | 63 | 54 | 45 | M20x2 | 1 | SN.. 150612 | APL-04 | ALV-04-M8X19 | AASN-3-0023 | AAY-03 | | | | AN-01 | 2715-M3x5 | |
| AC6 PSSNR/L 45052 19 H | ● | ● | 63 | 52 | 45 | M20x2 | 1 | SN.. 190612 | APL-05 | ALV-05-M10X27 | AASN-3-0005 | AAY-04 | | | | | 2715-M3x4 | |
| AC8 PSSNR/L 55070 25C | ● | ● | 80 | 70 | 55 | M20x2 | 2 | SN.. 250924 | APL-06 | ALV-06-M12X36 | AASN-3-0020 | AAY-05 | ACK-04 | AKV-16-M6X16 | - | ACN-M12-12.5 | - | |

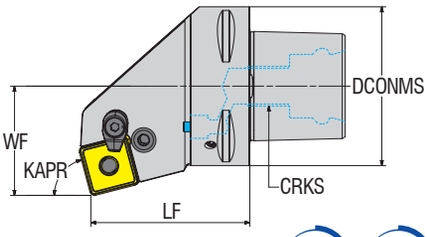
● *Stokta / In Stock / Auf Lager* ○ *Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage*

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AC4 PSDNN 00050 12 H

**KAPR=75°**




(figure.1)

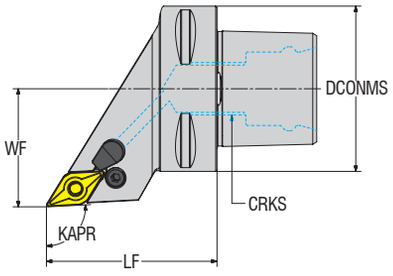



(figure.2)

ISO 26623-1 CHIP

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Levye *Lever* *Kniehebel* | Levye Vidası *Lever Screw* *Kniehebelschraube* | Altlık *Shim* *Unterlage* | Altlık Yayı *Shim Spring* *Feder für Unterlage* | Oring *Ring* *Feder* | Nozul *Nozzle* *Nozzle Düse* | Nozul Vidası *Nozzle Screw* *Düse Schraube* | Anahtar *Allen Key* *Innensechskantschlüssel* |
| | R | L | DCONMS | LF | WF | CRKS | Fig. | | | | | | | | | |
| AC4 PSKNR/L 27050 12 H | ● | ● | 40 | 50 | 27 | M14x1.5 | 1 | SN.. 120408 | APL-02 | ALV-03-M8X19 | AASN-3-0004 | AAY-02 | AXR-01 / AOR-01 | AN-01 | 2715-M3x4 | AAL-03-3 |
| AC5 PSKNR/L 35060 12 H | ● | ● | 50 | 60 | 35 | M16x1.5 | 1 | | | | | | | | | |
| AC6 PSKNR/L 45065 12 H | ● | ● | 63 | 65 | 45 | M20x2 | 1 | | | | | | | | | |
| AC5 PSKNR/L 35060 15 H | ● | ● | 50 | 60 | 35 | M16x1.5 | 1 | SN.. 150612 | APL-04 | ALV-04-M8X22 | AASN-3-0023 | AAY-03 | | | 2715-M3x8 | |
| AC6 PSKNR/L 45065 15 H | ● | ● | 63 | 65 | 45 | M20x2 | 1 | | | | | | | | | |
| AC5 PSKNR/L 35060 19 H | ● | ● | 50 | 60 | 35 | M16x1.5 | 1 | SN.. 190612 | APL-05 | ALV-05-M10X27 | AASN-3-0005 | AAY-04 | | | | AAL-05-4 |
| AC6 PSKNR/L 45065 19 H | ● | ● | 63 | 65 | 45 | M20x2 | 1 | | | | | | | | | |
| AC8 PSKNR/L 55080 19 H | ● | ● | 80 | 80 | 55 | M20x2 | 1 | | | | | | | | | |
| AC8 PSKNR/L 55080 25C | ● | ● | 80 | 80 | 55 | M20x2 | 2 | SN.. 250924 | APL-06 | ALV-06-M12X36 | AASN-3-0020 | AAY-05 | - | ACN-M12-12.5 | - | AAL-07-5 |

**KAPR=93°**



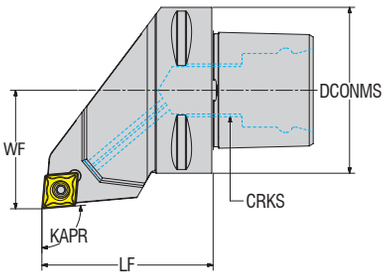

ISO 26623-1 CHIP

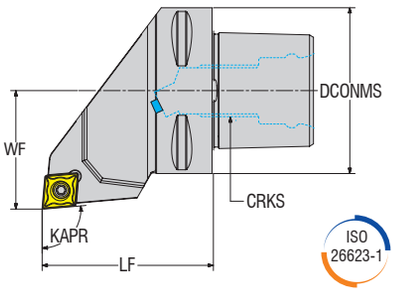
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Levye *Lever* *Kniehebel* | Levye Vidası *Lever Screw* *Kniehebelschraube* | Altlık *Shim* *Unterlage* | Altlık Yayı *Shim Spring* *Feder für Unterlage* | Oring *Ring* *Feder* | Nozul *Nozzle* *Nozzle Düse* | Nozul Vidası *Nozzle Screw* *Düse Schraube* | Anahtar *Allen Key* *Innensechskantschlüssel* |
| | R | L | DCONMS | LF | WF | CRKS | | | | | | | | | |
| new AC5 PDJNR/L 35060 11 H | ● | ● | 50 | 60 | 35 | M16x1.5 | DN.. 110408 | APL-01 | ALV-02-M6x17 | AADN-SD317 | AAY-01 | AXR-01 AOR-01 | AN-01 | 2715-M3x5 | AAL-02-2.5 |
| AC4 PDJNR/L 27060 15 H | ● | ● | 40 | 60 | 27 | M14x1.5 | DN.. 150608 | APL-03 | ALV-03-M8X19 | AADN-3-0001 | AAY-02 | | | | AAL-03-3 |
| AC5 PDJNR/L 35060 15 H | ● | ● | 50 | 60 | 35 | M16x1.5 | | | | | | | | | |
| AC6 PDJNR/L 45065 15 H | ● | ● | 63 | 65 | 45 | M20x2 | | | | | | | | | |
| AC6 PDJNR/L 45165 15 H | ● | ● | 63 | 165 | 45 | M20x2 | | | | | | | | | |
| AC8 PDJNR/L 55080 15 H | ● | ● | 80 | 80 | 55 | M20x2 | | | | | | | | | |

● *Stokta / In Stock / Auf Lager* ○ *Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage*

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AC4 PSKNR 27050 12 H

**KAPR=95°**

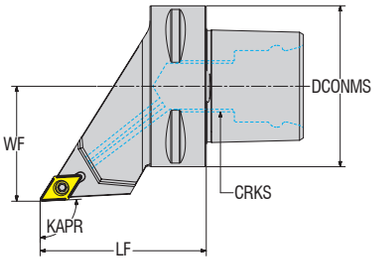


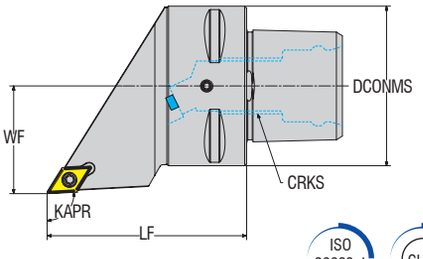

ISO 26623-1 CHIP

| Takım Kodu / Ordering Code / Bestell-Bezeichnung | Stok / Stock / Lager | | Takım Ölçüleri (mm) / Dimension (mm) / Abmessung (mm) | | | | | Kesici Uç / Insert / Wendeschneidplatte | Yedek Parçaları / Spare Parts / Ersatzteile: Sıkma Vidası / Screw / Klemmschraube | Altlık / Shim / Unterlage | Altlık Vidası / Shim Screw / Schraube für Unterlage | Nozul / Nozzle / Nozzle Düse | Anahtar / Allen Key / Innensechskantschlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | DCONMS | LF | WF | CRKS | Fig. | | | | | | |
| new AC3 SCLCR/L 22040 09 | ● | ● | 32 | 40 | 22 | M12x1.5 | 2 | CC.. 09T308 | 4015-M3.5x14 | AACN-2-0001 | AAV-06-M3.5x11 | ACN-M8-8.5 | 80-T15 |
| new AC4 SCLCR/L 27050 09 | ● | ● | 40 | 50 | 27 | M14x1.5 | 1 | | | | | - | |
| new AC5 SCLCR/L 35060 09 | ● | ● | 50 | 60 | 35 | M16x1.5 | 1 | | | | | | |
| new AC6 SCLCR/L 45065 09 | ● | ● | 63 | 65 | 45 | M20x2 | 1 | | | | | | |
| new AC3 SCLCR/L 22040 12 | ● | ● | 32 | 40 | 22 | M12x1.5 | 2 | CC.. 120408 | 1020-M4.5x16 | AACN-2-0003 | AAV-10-M4.5x8 | ACN-M8-8.5 | 80-T20 |
| AC4 SCLCR/L 27050 12 H | ● | ● | 40 | 50 | 27 | M14x1.5 | 1 | | | | | - | |
| AC5 SCLCR/L 35060 12 H | ● | ● | 50 | 60 | 35 | M16x1.5 | 1 | | | | | | |
| AC6 SCLCR/L 45065 12 H | ● | ● | 63 | 65 | 45 | M20x2 | 1 | | | | | | |

**KAPR=93°**




(figure.1)




(figure.2)

ISO 26623-1 CHIP

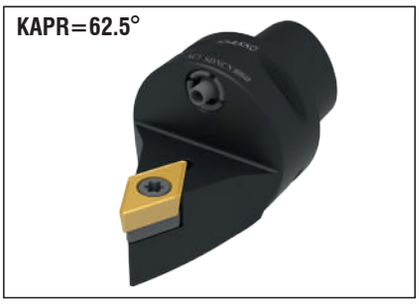
| Takım Kodu / Ordering Code / Bestell-Bezeichnung | Stok / Stock / Lager | | Takım Ölçüleri (mm) / Dimension (mm) / Abmessung (mm) | | | | | Kesici Uç / Insert / Wendeschneidplatte | Yedek Parçaları / Spare Parts / Ersatzteile: Sıkma Vidası / Screw / Klemmschraube | Altlık / Shim / Unterlage | Altlık Vidası / Shim Screw / Schraube für Unterlage | Nozul / Nozzle / Nozzle Düse | Tork Anahtar / Torx Key / Torx-Schlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | DCONMS | LF | WF | CRKS | Fig. | | | | | | |
| new AC3 SDJCR/L 22040 07 | ● | ● | 32 | 40 | 22 | M12x1.5 | 2 | DC.. 070204 | 4008-M2.5x6 | - | - | ACN-M8-8.5 | 82-T08 |
| new AC4 SDJCR/L 27050 07 | ● | ● | 40 | 50 | 27 | M14x1.5 | 2 | | | | | | |
| new AC3 SDJCR/L 22040 11 | ● | ● | 32 | 40 | 22 | M12x1.5 | 2 | DC.. 11T308 | 4015-M3.5x11 | AADN-2-0001 | AAV-08-M3.5X8 | - | 80-T15 |
| AC4 SDJCR/L 27050 11 H | ● | ● | 40 | 50 | 27 | M14x1.5 | 1 | | | | | | |
| AC5 SDJCR/L 35060 11 H | ● | ● | 50 | 60 | 35 | M16x1.5 | 1 | | | | AAV-06-M3.5X11 | | |
| AC6 SDJCR/L 45065 11 H | ● | ● | 63 | 65 | 45 | M20x2 | 1 | | | | | | |

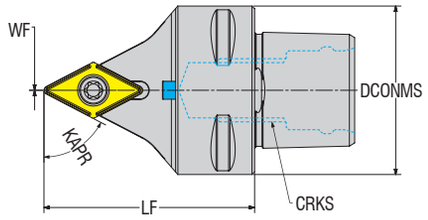
● *Stokta / In Stock / Auf Lager* ○ *Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage*

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AC3 SCLCR 22040 09

new

**KAPR=62.5°**



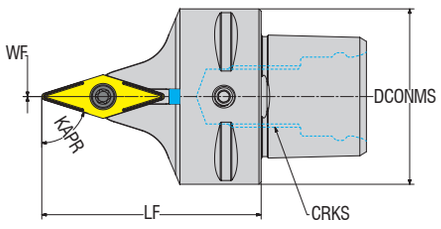



ISO 26623-1 CHIP

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Nozul *Nozzle* *Nozzle Düse* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| | | DCONMS | LF | WF | CRKS | | | | | | |
| **AC3 SDNCN 00040 11** | ● | 32 | 40 | 0 | M12x1.5 | **DC.. 11T308** | 4015-M3.5x14 | AADN-2-0001 | AAV-06-M3.5X11 | ACN-M8-8.5 | 80-T15 |
| **AC4 SDNCN 00050 11** | ● | 40 | 50 | 0 | M14x1.5 | | | | | ACN-M10-10.5 | |
| **AC5 SDNCN 00060 11** | ● | 50 | 60 | 0 | M16x1.5 | | | | | | |

new

**KAPR=72.5°**



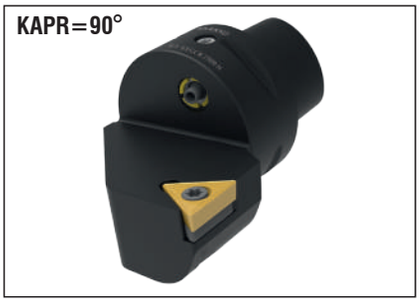

ISO 26623-1 CHIP

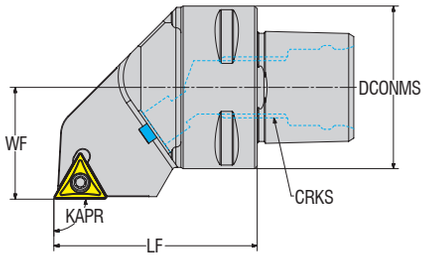
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Nozul *Nozzle* *Nozzle Düse* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| | | DCONMS | LF | WF | CRKS | | | | | | |
| **AC4 SVVBN 00050 16** | ● | 40 | 50 | 0 | M14x1.5 | **VB.. 160408** | 4015-M3.5x14 | AAVN-2-0002 | AAV-06-M3.5x11 | ACN-M8-8.5 | 80-T15 |
| **AC5 SVVBN 00060 16** | ● | 50 | 60 | 0 | M16x1.5 | | | | | ACN-M10-10.5 | |

● *Stokta / In Stock / Auf Lager* ○ *Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage*

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AC3 SDNCN 00040 11

**KAPR=90°**

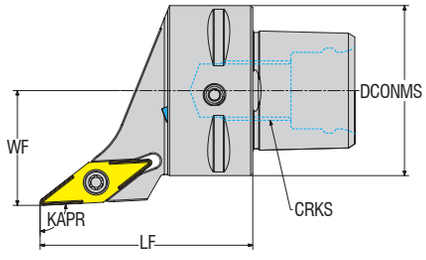





ISO 26623-1 CHIP

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Nozul *Nozzle* *Nozzle Düse* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| | R | L | DCONMS | LF | WF | CRKS | | | | | | |
| **AC3 STGCR/L 22040 11** | ● | ● | 32 | 40 | 22 | M12x1.5 | **TC.. 110204** | 4008-M2.5x6 | - | - | ACN-M8-8.5 | 82-T08 |
| **AC4 STGCR/L 27050 11** | ● | ● | 40 | 50 | 27 | M14x1.5 | | | | | | |
| **AC3 STGCR/L 22040 16** | ● | ● | 32 | 40 | 22 | M12x1.5 | **TC.. 16T308** | 4015-M3.5x14 | AATN-2-0001 | AAV-06-M3.5x11 | ACN-M8-8.5 | 80-T15 |
| **AC4 STGCR/L 27050 16** | ● | ● | 40 | 50 | 27 | M14x1.5 | | | | | | |
| **AC5 STGCR/L 35060 16** | ● | ● | 50 | 60 | 35 | M16x1.5 | | | | | ACN-M10-10.5 | |
| **AC6 STGCR/L 45065 16** | ● | ● | 63 | 65 | 45 | M20x2 | | | | | ACN-M12-12.5 | |

**KAPR=93°**




ISO 26623-1 CHIP

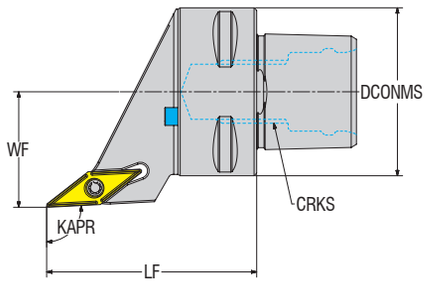
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Nozul *Nozzle* *Nozzle Düse* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| | R | L | DCONMS | LF | WF | CRKS | | | | | | |
| **AC4 SVJBR/L 27050 16** | ● | ● | 40 | 50 | 27 | M14x1.5 | **VB.. 160408** | 4015-M3.5x14 | AAVN-02-0002 | AAV-06-M3.5x11 | ACN-M8-8.5 | 80-T15 |
| **AC5 SVJBR/L 35060 16** | ● | ● | 50 | 60 | 35 | M16x1.5 | | | | | ACN-M10-10.5 | |
| **AC6 SVJBR/L 45065 16** | ● | ● | 50 | 65 | 45 | M20x2 | | | | | ACN-M12-12.5 | |

● *Stokta / In Stock / Auf Lager* ○ *Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage*

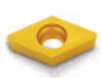
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AC3 STGCR 22040 11

new

**KAPR=93°**

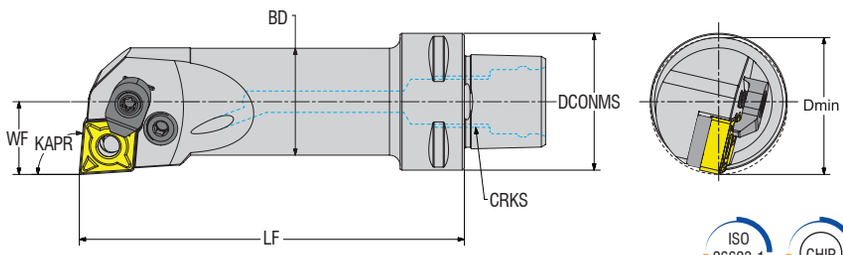



ISO 26623-1 CHIP

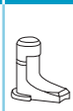
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Nozul *Nozzle* *Nozzle Düse* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| | | | DCONMS | LF | WF | CRKS |  | | | | | |
| **AC3 SVJCR/L 22040 11** | ● | ● | 32 | 40 | 22 | M12x1.5 | **VC.. 110304** | 4008-M2.5x6 | - | - | ACN-M8-8.5 | 82-T08 |
| **AC4 SVJCR/L 27050 11** | ● | ● | 40 | 50 | 27 | M14x1.5 | | | | | | |
| **AC5 SVJCR/L 35060 11** | ● | ● | 50 | 60 | 35 | M16x1.5 | | | | | ACN-M10-10.5 | |
| **AC4 SVJCR/L 27050 16** | ● | ● | 40 | 50 | 27 | M14x1.5 | **VC.. 160408** | 4015-M3.5x14 | AAVN-02-0002 | AAV-06-M3.5x11 | ACN-M8-8.5 | 80-T15 |
| **AC5 SVJCR/L 35060 16** | ● | ● | 50 | 60 | 35 | M16x1.5 | | | | | ACN-M10-10.5 | |

new

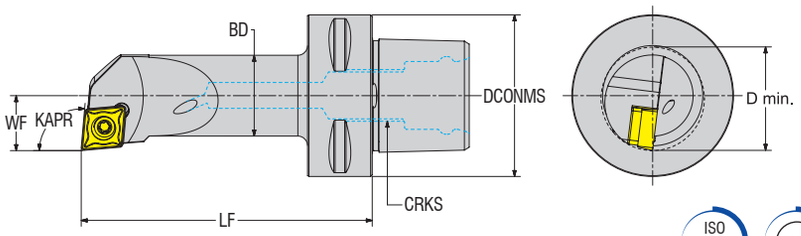
**KAPR=95°**




ISO 26623-1 CHIP

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | Levye *Lever* *Kniehebel* | Levye Vidası *Lever Screw* *Kniehebelschraube* | Altlık *Shim* *Unterlage* | Altlık Yayı *Shim Spring* *Feder für Unterlage* | Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Anahtar *Allen Key* *Innensechskantschlüssel* |
| | R | L | DCONMS | LF | WF | BD | D.min | CRKS | |  | | | | | | |
| **AC4 PCLNR/L 13080 09 H** | ● | ● | 40 | 80 | 13 | 20 | 25 | M14x1.5 | **CN.. 090308** | APL-01 | ALV-01-M6x14 | AACN-2-0002 | AAY-01 | - | - | AAL-02-2.5 |
| **AC5 PCLNR/L 13080 09 H** | ● | ● | 50 | 80 | 13 | 20 | 25 | M16x1.5 | | | | | | | | |
| **AC3 PCLNR/L 17090 12 HC** | ● | ● | 32 | 90 | 17 | 25 | 32 | M12x1.5 | **CN..120408** | APL-02 | ALV-08-M8x16 | AACN-3-0001 | AAY-02 | ACK-05 | 4015-M4x11 | AAL-03-3 |
| **AC3 PCLNR/L 22064 12 HC** | ● | ● | 32 | 64 | 22 | 32 | 40 | M12x1.5 | | | | | | | | |
| **AC4 PCLNR/L 17090 12 HC** | ● | ● | 40 | 90 | 17 | 25 | 32 | M14x1.5 | | | | | | | | |
| **AC4 PCLNR/L 22110 12 HC** | ● | ● | 40 | 110 | 22 | 32 | 40 | M14x1.5 | | | | | | | | |
| **AC4 PCLNR/L 27080 12 HC** | ● | ● | 40 | 80 | 27 | 40 | 50 | M14x1.5 | | | | | | | | |
| **AC4 PCLNR/L 27120 12 HC** | ● | ● | 40 | 120 | 27 | 40 | 50 | M14x1.5 | | | | | | | | |
| **AC5 PCLNR/L 17090 12 HC** | ● | ● | 50 | 90 | 17 | 25 | 32 | M16x1.5 | | | | | | | | |
| **AC5 PCLNR/L 22110 12 HC** | ● | ● | 50 | 110 | 22 | 32 | 40 | M16x1.5 | | | | | | | | |
| **AC5 PCLNR/L 27140 12 HC** | ● | ● | 50 | 140 | 27 | 40 | 50 | M16x1.5 | | | | | | | | |
| **AC5 PCLNR/L 35100 12 HC** | ● | ● | 50 | 100 | 35 | 50 | 63 | M16x1.5 | | | | | | | | |
| **AC6 PCLNR/L 17100 12 HC** | ● | ● | 63 | 100 | 17 | 25 | 32 | M20x2 | | | | | | | | |
| **AC6 PCLNR/L 22110 12 HC** | ● | ● | 63 | 110 | 22 | 32 | 40 | M20x2 | | | | | | | | |
| **AC5 PCLNR/L 35150 16 HC** | ● | ● | 50 | 150 | 35 | 50 | 63 | M16x1.5 | **CN.. 160612** | APL-04 | ALV-04-M8x22 | AACN-3-0002 | AAY-03 | ACK-09 | AAV-05-M6x15 | |
| **AC6 PCLNR/L 27140 16 HC** | ● | ● | 63 | 140 | 27 | 40 | 50 | M20x2 | | | | | | | | |
| **AC6 PCLNR/L 35175 16 HC** | ● | ● | 63 | 175 | 35 | 50 | 63 | M20x2 | | | | | | | | |

**KAPR=95°**



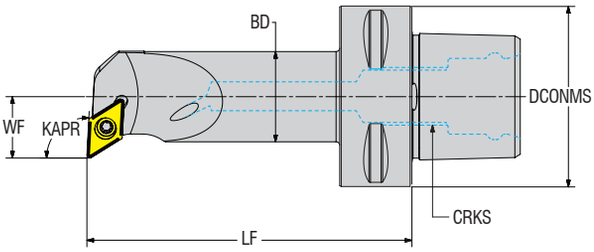

ISO 26623-1 CHIP

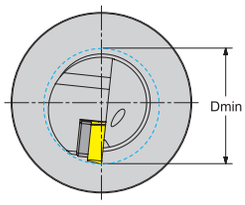
| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* | | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* | | | | | | Kesici Uç / *Insert* / *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | Sıkma Vidası / *Screw* / *Klemmschraube* | Altlık / *Shim* / *Unterlage* | Altlık Vidası / *Shim Screw* / *Schraube für Unterlage* | Tork Anahtar / *Torx Key* / *Torx-Schlüssel* |
| | R | L | DCONMS | LF | WF | BD | D min. | CRKS | | | | | |
| new AC3 SCLCR/L 11065 09 H | ● | ● | 32 | 65 | 11 | 16 | 20 | M12x1.5 | CC.. 09T308 | 4015-M3.5x9 | - | - | 80-T15 |
| new AC3 SCLCR/L 13075 09 H | ● | ● | 32 | 75 | 13 | 20 | 25 | M12x1.5 | | 4015-M3.5x12 | AACN-2-0001 | AAV-08-M3.5x8 | |
| new AC3 SCLCR/L 17090 09 H | ● | ● | 32 | 90 | 17 | 25 | 32 | M12x1.5 | | 4015-M3.5x9 | - | - | |
| new AC4 SCLCR/L 11070 09 H | ● | ● | 40 | 70 | 11 | 16 | 20 | M14x1.5 | | 4015-M3.5x12 | AACN-2-0001 | AAV-08-M3.5x8 | |
| new AC4 SCLCR/L 13080 09 H | ● | ● | 40 | 80 | 13 | 20 | 25 | M14x1.5 | | 4015-M3.5x9 | - | - | |
| new AC4 SCLCR/L 17090 09 H | ● | ● | 40 | 90 | 17 | 25 | 32 | M14x1.5 | | 4015-M3.5x12 | AACN-2-0001 | AAV-08-M3.5x8 | |
| new AC4 SCLCR/L 27080 09 H | ● | ● | 40 | 80 | 27 | 40 | 50 | M14x1.5 | | | | | |
| new AC5 SCLCR/L 11070 09 H | ● | ● | 50 | 70 | 11 | 16 | 20 | M16x1.5 | | | | | |
| new AC5 SCLCR/L 13080 09 H | ● | ● | 50 | 80 | 13 | 20 | 25 | M16x1.5 | | | | | |
| new AC5 SCLCR/L 17090 09 H | ● | ● | 50 | 90 | 17 | 25 | 32 | M16x1.5 | | | | | |
| new AC5 SCLCR/L 35100 09 H | ● | ● | 50 | 100 | 35 | 50 | 63 | M16x1.5 | | | | | |
| new AC3 SCLCR/L 17090 12 H | ● | ● | 32 | 90 | 17 | 25 | 32 | M12x1.5 | CC.. 120408 | 4020-M4.5x12 | AACN-2-0003 | AAV-10-M4.5x8 | 80-T20 |
| new AC3 SCLCR/L 22064 12 H | ● | ● | 32 | 64 | 22 | 32 | 40 | M12x1.5 | | 1020-M4.5x16 | | | |
| new AC3 SCLCR/L 22096 12 H | ● | ● | 32 | 96 | 22 | 32 | 40 | M12x1.5 | | 4020-M4.5x12 | | | |
| AC4 SCLCR/L 17090 12 H | ● | ● | 40 | 90 | 17 | 25 | 32 | M14x1.5 | | 1020-M4.5x16 | | | |
| new AC4 SCLCR/L 22110 12 H | ● | ● | 40 | 110 | 22 | 32 | 40 | M14x1.5 | | | | | |
| new AC4 SCLCR/L 27080 12 H | ● | ● | 40 | 80 | 27 | 40 | 50 | M14x1.5 | | | | | |
| AC5 SCLCR/L 17090 12 H | ● | ● | 50 | 90 | 17 | 25 | 32 | M16x1.5 | | | | | |
| new AC5 SCLCR/L 22110 12 H | ● | ● | 50 | 110 | 22 | 32 | 40 | M16x1.5 | | | | | |
| new AC5 SCLCR/L 27140 12 H | ● | ● | 50 | 140 | 27 | 40 | 50 | M16x1.5 | | | | | |
| new AC5 SCLCR/L 35100 12 H | ● | ● | 50 | 100 | 35 | 50 | 63 | M16x1.5 | | | | | |

● *Stokta / In Stock / Auf Lager* ○ *Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage*

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AC3 SCLCR 11065 09 H

**KAPR=93°**



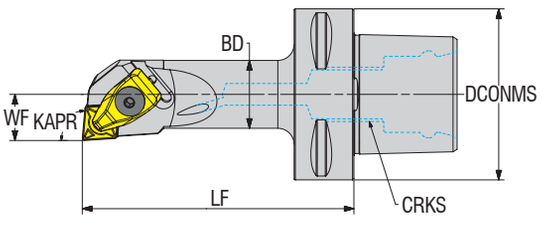



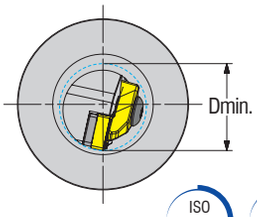

ISO 26623-1 CHIP

| Takım Kodu / Ordering Code / Bestell-Bezeichnung | Stok / Stock / Lager | | Takım Ölçüleri (mm) / Dimension (mm) / Abmessung (mm) | | | | | | Kesici Uç / Insert / Wendeschneidplatte | Yedek Parçaları / Spare Parts / Ersatzteile: Sıkma Vidası / Screw / Klemmschraube | Altlık / Shim / Unterlage | Altlık Vidası / Shim Screw / Schraube für Unterlage | Tork Anahtar / Torx Key / Torx-Schlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | DCONMS | LF | WF | BD | D. min | CRKS | | | | | |
| new AC3 SDUCR/L 11065 07 H | ● | ● | 32 | 65 | 11 | 16 | 20 | M12x1.5 | | | | | |
| new AC4 SDUCR/L 11070 07 H | ● | ● | 40 | 70 | 11 | 16 | 20 | M14x1.5 | **DC.. 070204** | 4008-M2.5x6 | - | - | 82-T08 |
| new AC5 SDUCR/L 11070 07 H | ● | ● | 50 | 70 | 11 | 16 | 20 | M16x1.5 | | | | | |
| new AC3 SDUCR/L 13075 11 H | ● | ● | 32 | 75 | 13 | 20 | 25 | M12x1.5 | | | | | |
| new AC3 SDUCR/L 17090 11 H | ● | ● | 32 | 90 | 17 | 25 | 32 | M12x1.5 | | | | | |
| new AC3 SDUCR/L 22064 11 H | ● | ● | 32 | 64 | 22 | 32 | 40 | M12x1.5 | | | | | |
| new AC3 SDUCR/L 22096 11 H | ● | ● | 32 | 96 | 22 | 32 | 40 | M12x1.5 | | | | | |
| AC4 SDUCR/L 13080 11 H | ● | ● | 40 | 80 | 13 | 20 | 25 | M14x1.5 | | | | | |
| AC4 SDUCR/L 17090 11 H | ● | ● | 40 | 90 | 17 | 25 | 32 | M14x1.5 | **DC.. 11T308** | 4015-M3.5x11 | AADN-2-0001 | AAV-08-M3.5X8 | 80-T15 |
| new AC4 SDUCR/L 22110 11 H | ● | ● | 40 | 110 | 22 | 32 | 40 | M14x1.5 | | | | | |
| new AC4 SDUCR/L 27080 11 H | ● | ● | 40 | 80 | 27 | 40 | 50 | M14x1.5 | | | | | |
| AC5 SDUCR/L 13080 11 H | ● | ● | 50 | 80 | 13 | 20 | 25 | M16x1.5 | | | | | |
| AC5 SDUCR/L 17090 11 H | ● | ● | 50 | 90 | 17 | 25 | 32 | M16x1.5 | | 4015-M3.5x14 | | AAV-06-M3.5x11 | |
| new AC5 SDUCR/L 35100 11 H | ● | ● | 50 | 100 | 35 | 50 | 63 | M16x1.5 | | | | | |

new

**KAPR=95°**



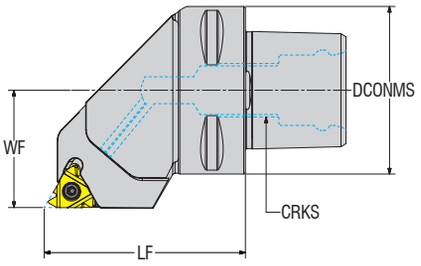




ISO 26623-1 CHIP

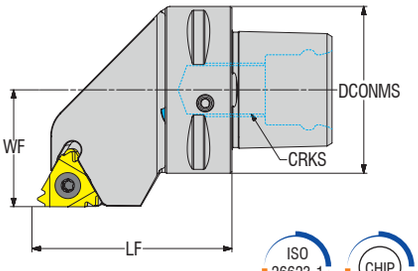
| Takım Kodu / Ordering Code / Bestell-Bezeichnung | Stok / Stock / Lager | | Takım Ölçüleri (mm) / Dimension (mm) / Abmessung (mm) | | | | | | Kesici Uç / Insert / Wendeschneidplatte | Yedek Parçaları / Spare Parts / Ersatzteile: Baskı Pabucu / Wedge Clamp / Spannpratze | Pabuç Vidası / Clamp Screw / Klemmschraube | Altlık / Shim / Unterlage | Altlık Vidası / Shim Screw / Schraube für Unterlage | Oring / Ring / Feder | Pul / Stamp / Ring | Anahtar / Allen Key / Innensechskantschlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | DCONMS | LF | WF | BD | D min. | CRKS | | | | | | | | |
| AC4 TCLNR/L 13080 09 H | ● | ● | 40 | 80 | 13 | 20 | 28 | M14x1.5 | | | | | | | | |
| AC5 TCLNR/L 13080 09 H | ● | ● | 50 | 80 | 13 | 20 | 28 | M16x1.5 | **CN..090304** | ATK-01 | AKV-01-M5x22 | AACN-2-0001 | AAV-09-M5x9 | - | | |
| AC4 TCLNR/L 17090 12 H | ● | ● | 40 | 90 | 17 | 25 | 32 | M14x1.5 | | | | | | | ABPL-01 | AAL-03-3 |
| AC5 TCLNR/L 17090 12 H | ● | ● | 50 | 90 | 17 | 25 | 32 | M16x1.5 | **CN..120408** | ATK-02 | AKV-30-M6x22 | AACN-3-0001 | AAV-13-M5x8 | AS-01 | | |
| AC6 TCLNR/L 17100 12 H | ● | ● | 63 | 100 | 17 | 25 | 32 | M20x2 | | | | | | | | |

● *Stokta / In Stock / Auf Lager* ○ *Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage*

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AC3 SDUCR 11065 07 H




(figure.1)

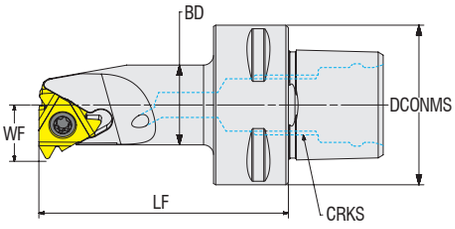


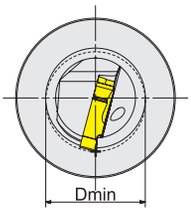

(figure.2)

ISO 26623-1 CHIP

| Takım Kodu / Ordering Code / Bestell-Bezeichnung | Stok / Stock / Lager | | Takım Ölçüleri (mm) / Dimension (mm) / Abmessung (mm) | | | | | Kesici Uç / Insert / Wendeschneidplatte | Yedek Parçaları / Spare Parts / Ersatzteile: Sıkma Vidası / Screw / Klemmschraube | Sağ Altlık / Right Shim / U-Platte für WSP rechts | Sol Altlık / Left Shim / U-Platte für WSP links | Altlık Vidası / Shim Screw / Schraube für Unterlage | Altlık Vidası Pulu / Shim Screw Ring / Schraube für Unterlage | Nozul / Nozzle / Nozzle Düse | Tork Anahtar / Torx Key / Torx-Schlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | DCONMS | LF | WF | CRKS | Fig. | | | | | | | | |
| new AC3 TER/L 22040 16 | ● | ● | 32 | 40 | 22 | M12x1.5 | 2 | 16 ER/EL | 1710-U5-40x12.2 | ATS-16E | ATS-16I | AAV-11-U5-40x4.5 | ABPL-03 | ACN-M8-8.5 | 82-T10 |
| AC4 TER/L 27050 16 H | ● | ● | 40 | 50 | 27 | M14x1.5 | 1 | | | | | | | - | |
| AC5 TER/L 35060 16 H | ● | ● | 50 | 60 | 35 | M16x1.5 | 1 | | | | | | | | |
| AC6 TER/L 45065 16 H | ● | ● | 63 | 65 | 45 | M20x2 | 1 | | | | | | | | |
| new AC3 TER/L 22040 22 | ● | ● | 32 | 40 | 22 | M12x1.5 | 2 | 22 ER/EL | 1720-U8-32x15 | ATS-22E | ATS-22I | AAV-12-U8-32x5.5 | ABPL-04 | ACN-M8-8.5 | 82-T20 |
| new AC4 TER/L 27050 22 | ● | ● | 40 | 50 | 27 | M14x1.5 | 2 | | | | | | | ACN-M10-10.5 | |
| new AC5 TER/L 35060 22 | ● | ● | 50 | 60 | 35 | M16x1.5 | 2 | | | | | | | ACN-M12-12.5 | |
| new AC6 TER/L 45065 22 | ● | ● | 63 | 65 | 45 | M20x2 | 2 | | | | | | | | |
| new AC8 TER/L 55080 22 | ● | ● | 80 | 80 | 55 | M20X2 | 2 | | | | | | | | |

new



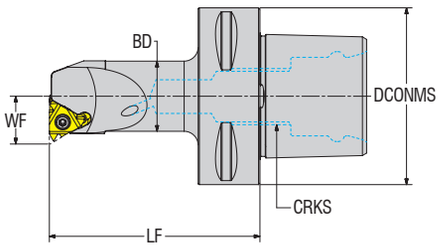



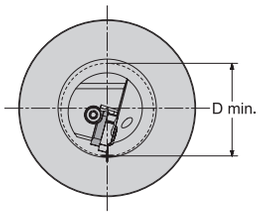

ISO 26623-1 CHIP

| Takım Kodu / Ordering Code / Bestell-Bezeichnung | Stok / Stock / Lager | | Takım Ölçüleri (mm) / Dimension (mm) / Abmessung (mm) | | | | | | Kesici Uç / Insert / Wendeschneidplatte | Yedek Parçaları / Spare Parts / Ersatzteile: Sıkma Vidası / Screw / Klemmschraube | Altlık / Shim / Unterlage | Altlık Vidası / Shim Screw / Schraube für Unterlage | Altlık Vidası Pulu / Shim Screw Ring / Schraube für Unterlage | Tork Anahtar / Torx Key / Torx-Schlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | DCONMS | LF | WF | BD | D min. | CRKS | | | | | | |
| AC3 SIR/L 12050 16 H | ● | ● | 32 | 50 | 12 | 16 | 20 | M12x1.5 | 16 IR/L | 4015-M3.5x10 | - | - | - | 80-T15 |
| AC4 SIR/L 12060 16 H | ● | ● | 40 | 60 | 12 | 16 | 20 | M14x1.5 | | | | | | |
| AC5 SIR/L 12060 16 H | ● | ● | 50 | 60 | 12 | 16 | 20 | M16x1.5 | | | | | | |
| AC4 SIR/L 15065 22 H | ● | ● | 40 | 65 | 15 | 20 | 25 | M16x1.5 | 22 IR/L | 4020-M4.5x12 | | | | 80-T20 |
| AC5 SIR/L 15065 22 H | ● | ● | 50 | 65 | 15 | 20 | 25 | M16x1.5 | | | | | | |

● *Stokta / In Stock / Auf Lager* ○ *Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage*

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AC3 TER 22040 16




ISO 26623-1 CHIP

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | Sıkma Vidası *Screw* *Klemmschraube* | Sağ Altlık *Right Shim* *U-Platte für WSP rechts* | Sol Altlık *Left Shim* *U-Platte für WSP links* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Altlık Vidası Pulu *Shim Screw Ring* *Schraube für Unterlagenring* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| | R | L | DCONMS | LF | WF | BD | D min. | CRKS | | | | | | | |
| new AC3 TIR/L 14060 16 H | ● | ● | 32 | 60 | 14 | 20 | 25 | M12x1.5 | | | | | | | |
| new AC3 TIR/L 22085 16 H | ● | ● | 32 | 85 | 22 | 32 | 40 | M12x1.5 | | | | | | | |
| AC4 TIR/L 14060 16 H | ● | ● | 40 | 60 | 14 | 20 | 25 | M14x1.5 | | | | | | | |
| AC4 TIR/L 17070 16 H | ● | ● | 40 | 70 | 17 | 25 | 32 | M14x1.5 | | | | | | | |
| AC4 TIR/L 22090 16 H | ● | ● | 40 | 90 | 22 | 32 | 40 | M14x1.5 | | | | | | | |
| new AC4 TIR/L 27080 16 H | ● | ● | 40 | 80 | 27 | 32 | 50 | M14x1.5 | **16 IR/IL** | 1710-U5-40x12.2 | ATS-16E | ATS-16I | AAV-11-U5-40x4.5 | ABPL-03 | 82-T10 |
| AC5 TIR/L 17070 16 H | ● | ● | 50 | 70 | 17 | 25 | 32 | M16x1.5 | | | | | | | |
| AC5 TIR/L 22090 16 H | ● | ● | 50 | 90 | 22 | 32 | 40 | M16x1.5 | | | | | | | |
| AC5 TIR/L 27105 16 H | ● | ● | 50 | 105 | 27 | 40 | 50 | M16x1.5 | | | | | | | |
| AC6 TIR/L 17075 16 H | ● | ● | 63 | 75 | 17 | 25 | 32 | M20x2 | | | | | | | |
| AC6 TIR/L 22090 16 H | ● | ● | 63 | 90 | 22 | 32 | 40 | M20x2 | | | | | | | |
| AC6 TIR/L 27105 16 H | ● | ● | 63 | 105 | 27 | 40 | 50 | M20x2 | | | | | | | |
| new AC4 TIR/L 19070 22 H | ● | ● | 40 | 70 | 19 | 32 | 32 | M14x1.5 | | | | | | | |
| new AC4 TIR/L 22090 22 H | ● | ● | 40 | 90 | 22 | 32 | 40 | M14x1.5 | **22 IR/IL** | 1720-U8-32x15 | ATS-22E | ATS-22I | AAV-12-U8-32x5.5 | ABPL-04 | 80-T20 |
| new AC4 TIR/L 27080 22 H | ● | ● | 40 | 80 | 27 | 32 | 50 | M14x1.5 | | | | | | | |

● *Stokta / In Stock / Auf Lager* ○ *Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage*

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AC3 TIR 14060 16 H

AKKO®

# DIŞ TORNA TAKIMLARI

*EXTERNAL TURNING TOOLHOLDERS*

*DREHEN - AUßENDREHHALTER*

| P | S | K | N | R |
|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 |

## 1 Sıkma Tipi / *Method of Mounting of Insert* / *Klemmsystem*

| Deliksiz Üsten Sıkma<br>*Top Clamping Without Hole*<br>*Pratzenklemmung* | Üsten Delikle Sıkma<br>*Top and Hole Clamping*<br>*KeilSpannpratzensystem* | Üsten ve Delikten Sıkma<br>*Top and Hole Clamping*<br>*KeilSpannpratzensystem* | Delikten Levye ile Sıkma<br>*Hole Clamping (Lever Lock)*<br>*Kniehebel-Spannsystem* | Vida ile Sıkma<br>*Screw on*<br>*Schrauben-Spannsystem* |
|---|---|---|---|---|
| C | T | M | P | S |

## 2 Uç Tipi / *Type of Insert* / *Plattenform*

| | | | |
|---|---|---|---|
| 80° | 55° | 75° | 55° |
| C | D | E | K |
| L | R | S | T |
| 35° | 80° | 85° | 82° |
| V | W | A | B |
| 75° | 86° | 135° | 108° |
| H | M | O | P |

## 3 Yanaşma Açısı / *Tool Holder Shape Bar Geometry* / *Anstellwinkel*

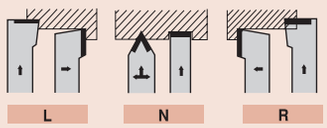
| | | | | | |
|---|---|---|---|---|---|
| 90° | 75° | 45° | 60° | 90° | 90° |
| A | B | D | E | F | G |
| 93° | 75° | 95° 95° | 50° | 63° | 75° |
| J | K | L | M | N | R |
| 45° | 60° | 72.5° | 85° | 40° | |
| S | T | V | Y | Z | |

## 4 Serbest Uç Açısı / *Insert Clearance Ange* *Freiwinkel* / *Freiwinkel*

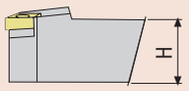
| | | |
|---|---|---|
| 3° | 5° | 7° |
| A | B | C |
| 15° | 20° | 25° |
| D | E | F |
| 30° | 0° | 11° |
| G | N | P |

| 25 | 25 | - | M | 12 | C |
|---|---|---|---|---|---|
| 6 | 7 | | 8 | 9 | 10 |

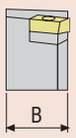
## 5 Kesme Yönü / *Cutting Direction* / *Halterausführung*



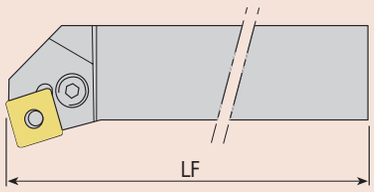

## 6 *Kesme Kenar Yüksekliği / Cutting Edge Height / Schafthöhe*




## 7 Şaft Genişliği / *Shank Width* *Schaftbreite*



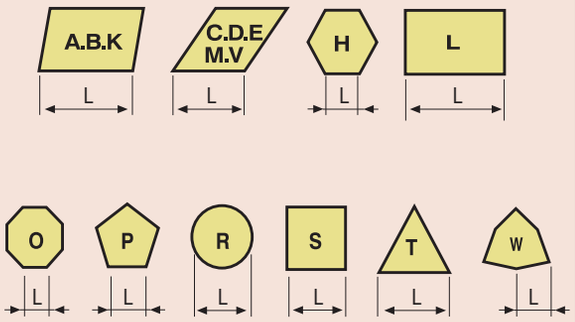

## 8 Şaft Boyu / *Shank Length* / *Schaftlänge*



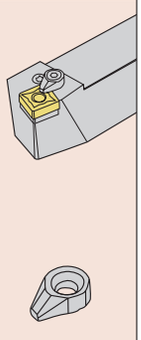

(mm)

| | | | |
|---|---|---|---|
| A-32 | H-100 | Q-180 | x-special |
| B-40 | J-110 | R-200 | |
| C-50 | K-125 | S-250 | |
| D-60 | L-140 | T-300 | |
| E-70 | M-150 | U-350 | |
| F-80 | N-160 | V-400 | |
| G-90 | P-170 | W-450 | |

## 9 Kesme Kenar Uzunluğu / *Cutting Edge Length* / *Schneidkantenlänge*




## 10 Baskı Pabucu *Wedge Clamp* *Spannpratze*



AKKO®

*konuşulan*
*the spoken kalite...*
*quality...*

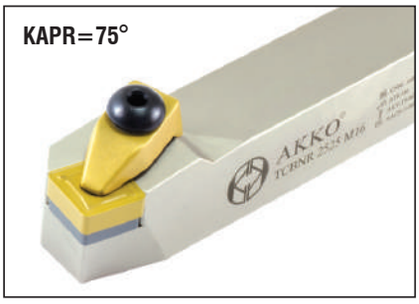
# T-SİSTEM

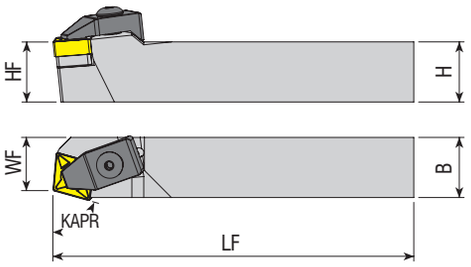
**T-SİSTEM DIŞ TORNA KATERLERİ**
*T-SYSTEM EXTERNAL TURNING TOOLHOLDERS*
*T-SYSTEM AUSSEN - DREHHALTER MIT INNENKÜHLUNG*

**DETAYLI BİLGİ İÇİN BARKODU OKUTUNUZ**
*SCAN ME FOR MORE DETAILS*
*FÜR DETAILS BİTTE DEN QR CODE SCANNEN*

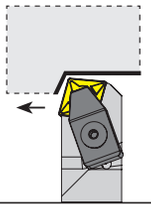
www.akko.com.tr

**KAPR=75°**



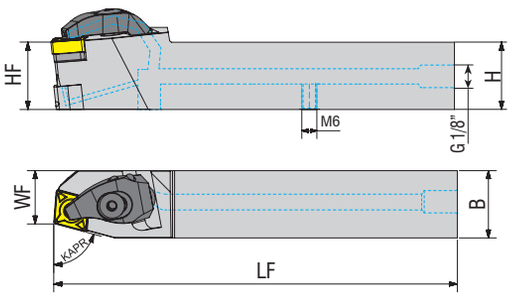




**TCBNR**

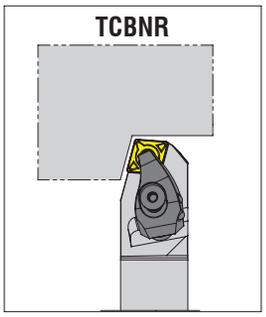


| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Segman *Ring* *Feder* | Pul *Stamp* *Ring* | Anahtar *Allen Key* Innensechskantschlüssel |
| | R | L | HF=H | B | LF | WF | | | | | | | | |
| **TCBNR/L 2525 M16** | ● | ● | 25 | 25 | 150 | 22 | **CN.. 1606..** | ATK-04 | AKV-19-M7x25 | AACN-3-0002 | AAV-05-M6x15 | AS-02 | ABPL-02 | AAL-05-4 |

**KAPR=75°**



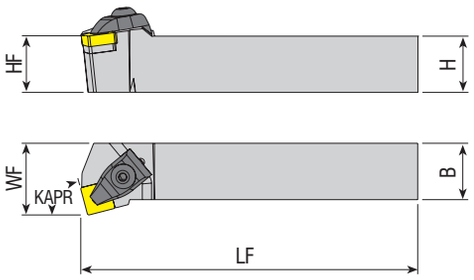

**TCBNR**

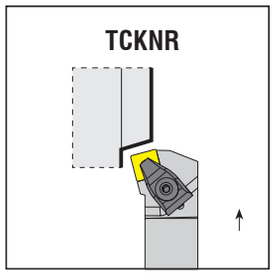


| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Yay *Spring* *Feder* | Oring *Ring* *Feder* | Sızdırmaz Vida *Threaded Pin* *Gewindestift* | Anahtar *Allen Key* Innensechskantschlüssel |
| | R | L | HF=H | B | LF | WF | | | | | | | | | |
| **TCBNR/L 2020 K12-H** | ○ | ○ | 20 | 20 | 125 | 16 | **CN.. 1204..** | ATKH-01-R<br>ATKH-02-L | AKV-33-M6x22 | AACN-3-0001 | AAV-02-M5x12 | AKY-01 | AXR-01 | 2705-G1/8x5.5 | AAL-03-3 |
| **TCBNR/L 2525 M12-H** | ○ | ○ | 25 | 25 | 150 | 22 | | | | | | | | | |
| **TCBNR/L 3232 P12-H** | ○ | ○ | 32 | 32 | 170 | 29.5 | | | | | | | | | |

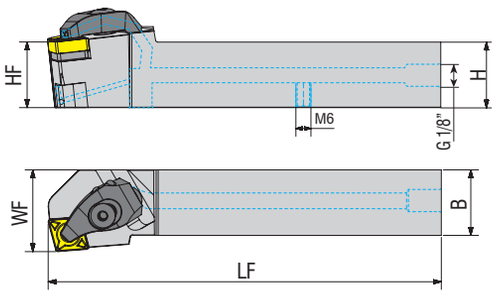
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
VDI tutucu ile uyumludur. / Compatible with VDI holders. / Kompatibel mit VDI Werkzeughalter.

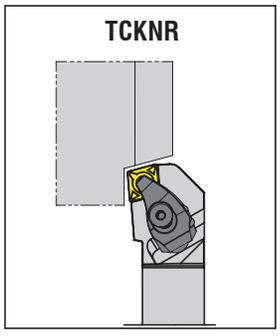
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück TCBNR 2525 M16




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* R | L | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H | B | LF | WF | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Segman *Ring* *Feder* | Pul *Stamp* *Ring* | Anahtar *Allen Key* Innensechskantschlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **TCKNR/L 2020 K12** | ● | ● | 20 | 20 | 125 | 25 | **CN.. 1204..** | ATK-02 | AKV-30-M6x22 | AACN-3-0001 | AAV-02-M5x12 | AS-01 | ABPL-01 | AAL-03-3 |
| **TCKNR/L 2525 M12** | ● | ● | 25 | 25 | 150 | 32 | | | | | | | | |
| **TCKNR/L 3232 P12** | ● | ● | 32 | 32 | 170 | 40 | | | | | | | | |
| **TCKNR/L 2525 M16** | ● | ● | 25 | 25 | 150 | 32 | **CN.. 1606..** | ATK-04 | AKV-19-M7x25 | AACN-3-0002 | AAV-05-M6x15 | AS-02 | ABPL-02 | AAL-05-4 |
| **TCKNR/L 3232 P16** | ● | ● | 32 | 32 | 170 | 40 | | | | | | | | |

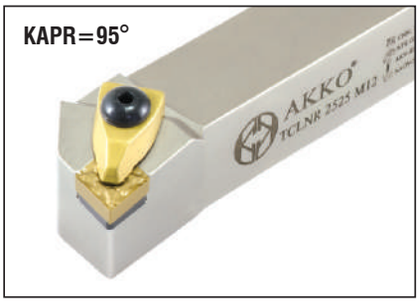


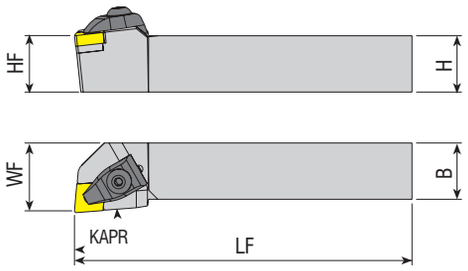



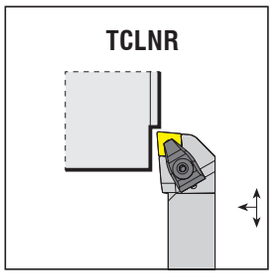

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* R | L | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H | B | LF | WF | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Yay *Spring* *Feder* | Oring *Ring* *Feder* | Sızdırmaz Vida *Threaded Pin* *Gewindestift* | Anahtar *Allen Key* Innensechskantschlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **TCKNR/L 2020 K12-H** | ○ | ○ | 20 | 20 | 125 | 25 | **CN.. 1204..** | ATKH-01-R<br>ATKH-02-L | AKV-33-M6x22 | AACN-3-0001 | AAV-13-M5x8 | AKY-01 | AXR-01 | 2705-G1/8x5.5 | AAL-03-3 |
| **TCKNR/L 2525 M12-H** | ○ | ○ | 25 | 25 | 150 | 32 | | | | | | | | | |
| **TCKNR/L 3232 P12-H** | ○ | ○ | 32 | 32 | 170 | 40 | | | | | | | | | |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
VDI tutucu ile uyumludur. / Compatible with VDI holders. / Kompatibel mit VDI Werkzeughalter.

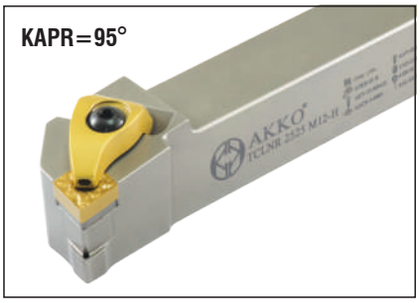
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück TCKNR 2020 K12

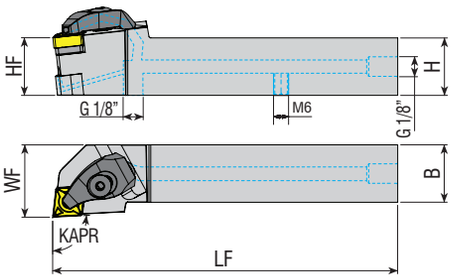


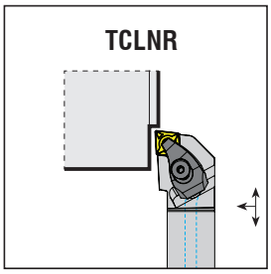




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | HF=H | B | LF | WF | | Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Segman *Ring* *Feder* | Pul *Stamp* *Ring* | Anahtar *Allen Key* Innensechskantschlüssel |
| **TCLNR/L 2020 K12** | ● | ● | 20 | 20 | 125 | 25 | **CN.. 1204..** | ATK-02 | AKV-30-M6x22 | AACN-3-0001 | AAV-02-M5x12 | AS-01 | ABPL-01 | AAL-03-3 |
| **TCLNR/L 2525 M12** | ● | ● | 25 | 25 | 150 | 32 | | | | | | | | |
| **TCLNR/L 3232 P12** | ● | ● | 32 | 32 | 170 | 40 | | | | | | | | |
| **TCLNR/L 4040 S12** | ● | ● | 40 | 40 | 250 | 50 | | | | | | | | |
| **TCLNR/L 5050 S12** | ● | ● | 50 | 50 | 250 | 63 | | | | | | | | |
| **TCLNR/L 2525 M16** | ● | ● | 25 | 25 | 150 | 32 | **CN.. 1606..** | ATK-04 | AKV-19-M7x25 | AACN-3-0002 | AAV-05-M6x15 | AS-02 | ABPL-02 | AAL-05-4 |
| **TCLNR/L 3232 P16** | ● | ● | 32 | 32 | 170 | 40 | | | | | | | | |



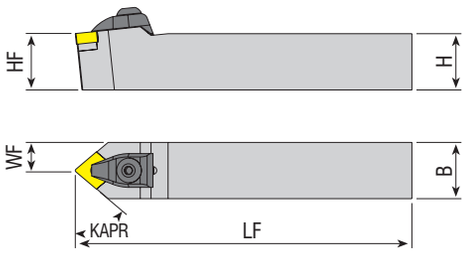




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | HF=H | B | LF | WF | | Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Yay *Spring* *Feder* | Oring *Ring* *Feder* | Sızdırmaz Vida *Threaded Pin* *Gewindestift* | Anahtar *Allen Key* Innensechskantschlüssel |
| **TCLNR/L 2020 K12-H** | ● | ● | 20 | 20 | 125 | 25 | **CN.. 1204..** | ATKH-01-R<br>ATKH-02-L | AKV-33-M6x22 | AACN-3-0001 | AAV-13-M5x8 | AKY-01 | AXR-01 | 2705-G1/8x5.5 | AAL-03-3 |
| **TCLNR/L 2525 M12-H** | ● | ● | 25 | 25 | 150 | 32 | | | | | | | | | |
| **TCLNR/L 3232 P12-H** | ● | ● | 32 | 32 | 170 | 40 | | | | | | | | | |
| **TCLNR/L 2525 M16-H** | ● | ○ | 25 | 25 | 150 | 32 | **CN.. 1606..** | ATKH-07-R | AKV-39-M7X21 | AACN-3-0002 | AAV-05-M6X10 | | | | |
| new **TCLNR/L 2525 M19-H** | ● | ● | 25 | 25 | 150 | 32 | **CN.. 1906..** | ATKH-09-R | | AACN-3-0003 | AAV-17-M6x14 | AKY-02 | | | AAL-05-4 |
| **TCLNR/L 3232 P19-H** | ○ | ○ | 32 | 32 | 170 | 40 | | | | | | | | | |

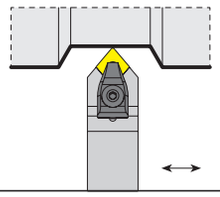
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
VDI tutucu ile uyumludur. / Compatible with VDI holders. / Kompatibel mit VDI Werkzeughalter.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück TCLNR 2020 K12

**KAPR=50°**

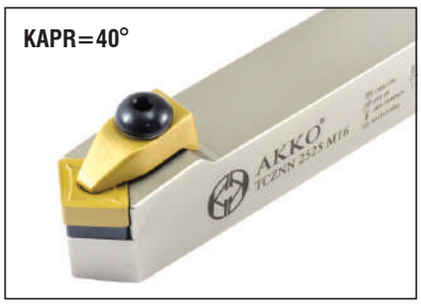


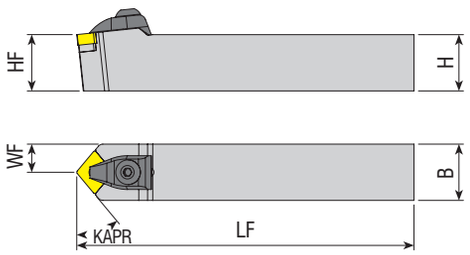

**TCMNN**



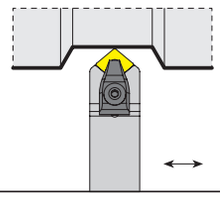
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | HF=H | B | LF | WF | | Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Segman *Ring* *Feder* | Pul *Stamp* *Ring* | Anahtar *Allen Key* *Innensechskantschlüssel* |
| **TCMNN 1616 H12** | ● | 16 | 16 | 100 | 8 | **CN.. 1204..** | ATK-02 | AKV-30-M6x22 | AACN-3-0001 | AAV-02-M5x12 | AS-01 | ABPL-01 | AAL-03-3 |
| **TCMNN 2020 K12** | ● | 20 | 20 | 125 | 10 | | | | | | | | |
| **TCMNN 2525 M12** | ● | 25 | 25 | 150 | 12.5 | | | | | | | | |
| **TCMNN 3232 P12** | ● | 32 | 32 | 170 | 16 | | | | | | | | |
| **TCMNN 2525 M16** | ● | 25 | 25 | 150 | 12.5 | **CN.. 1606..** | ATK-04 | AKV-19-M7x25 | AACN-3-0002 | AAV-05-M6x15 | AS-02 | ABPL-02 | AAL-05-4 |
| **TCMNN 3232 P16** | ● | 32 | 32 | 170 | 16 | | | | | | | | |
| **TCMNN 4040 S16** | ○ | 40 | 40 | 250 | 20 | | | | | | | | |

**KAPR=40°**




**TCZNN**

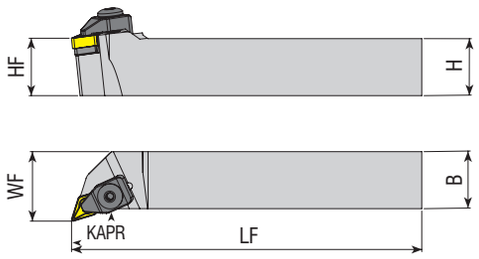


| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | HF=H | B | LF | WF | | Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Segman *Ring* *Feder* | Pul *Stamp* *Ring* | Anahtar *Allen Key* *Innensechskantschlüssel* |
| **TCZNN 2020 K12** | ● | 20 | 20 | 125 | 10 | **CN.. 1204..** | ATK-02 | AKV-30-M6x22 | AACN-3-0001 | AAV-02-M5x12 | AS-01 | ABPL-01 | AAL-03-3 |
| **TCZNN 2525 M12** | ● | 25 | 25 | 150 | 12.5 | | | | | | | | |
| **TCZNN 3232 P12** | ● | 32 | 32 | 170 | 16 | | | | | | | | |
| **TCZNN 2525 M16** | ● | 25 | 25 | 150 | 12.5 | **CN.. 1606..** | ATK-04 | AKV-19-M7x25 | AACN-3-0002 | AAV-05-M6x15 | AS-02 | ABPL-02 | AAL-05-4 |
| **TCZNN 3232 P16** | ● | 32 | 32 | 170 | 16 | | | | | | | | |

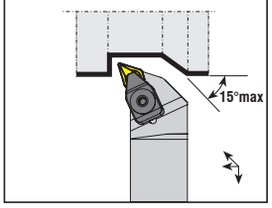
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück TCMNN 1616 H12

**KAPR=107.5°**

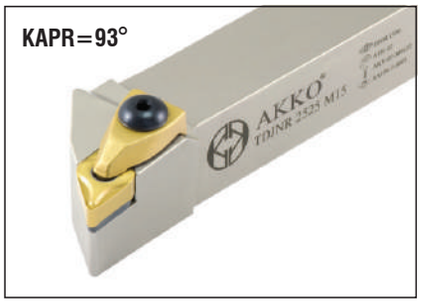


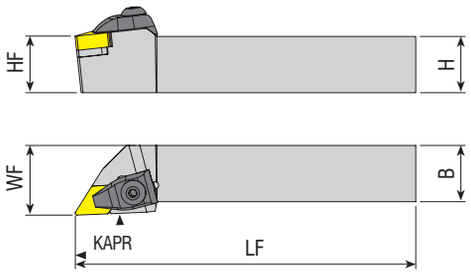

**TDHNR**



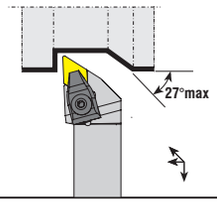

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Segman *Ring* *Feder* | Pul *Stamp* *Ring* | Anahtar *Allen Key* Innensechskantschlüssel |
| | R | L | HF=H | B | LF | WF | | | | | | | | |
| **TDHNR/L 2525 M11** | ○ | ● | 25 | 25 | 150 | 31 | **DN.. 1104..** | ATK-01 | AKV-01-M5x22 | AADN-2-0001 | AAV-04-M5x12 | - | | |
| **TDHNR/L 2020 K15** | ● | ● | 20 | 20 | 125 | 25 | | | | | | | | |
| **TDHNR/L 2525 M15** | ● | ● | 25 | 25 | 150 | 32 | **DN.. 1506..** | ATK-02 | AKV-30-M6x22 | AADN-3-0001 | AAV-02-M5x12 | AS-01 | ABPL-01 | AAL-03-3 |
| **TDHNR/L 3232 P15** | ● | ● | 32 | 32 | 170 | 40 | | | | | | | | |

**KAPR=93°**






**TDJNR**

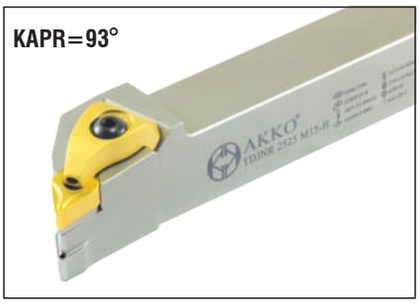


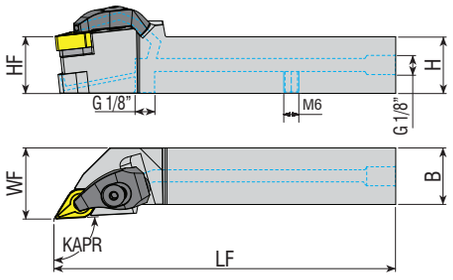

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Segman *Ring* *Feder* | Pul *Stamp* *Ring* | Anahtar *Allen Key* Innensechskantschlüssel |
| | R | L | HF=H | B | LF | WF | | | | | | | | |
| **TDJNR/L 1616 H11** | ● | ● | 16 | 16 | 100 | 20 | | | | | | | | |
| **TDJNR/L 2020 K11** | ● | ● | 20 | 20 | 125 | 25 | **DN.. 1104..** | ATK-01 | AKV-01-M5x22 | AADN-2-0001 | AAV-04-M5x12 | - | | |
| **TDJNR/L 2525 M11** | ● | ● | 25 | 25 | 150 | 32 | | | | | | | | |
| **TDJNR/L 2020 K15** | ● | ● | 20 | 20 | 125 | 25 | | | | | | | | |
| **TDJNR/L 2525 M15** | ● | ● | 25 | 25 | 150 | 32 | | | | | | | | |
| **TDJNR/L 3232 P15** | ● | ● | 32 | 32 | 170 | 40 | **DN.. 1506..** | ATK-02 | AKV-30-M6x22 | AADN-3-0001 | AAV-02-M5x12 | AS-01 | ABPL-01 | AAL-03-3 |
| **TDJNR/L 4040 S15** | ● | ● | 40 | 40 | 250 | 50 | | | | | | | | |
| **TDJNR/L 5050 S15** | ○ | ○ | 50 | 50 | 250 | 63 | | | | | | | | |
| **TDJNR/L 2020 K1504** | ● | ● | 20 | 20 | 125 | 25 | | | | | | | | |
| **TDJNR/L 2525 M1504** | ● | ● | 25 | 25 | 150 | 32 | | | | | | | | |
| **TDJNR/L 3232 P1504** | ● | ● | 32 | 32 | 170 | 40 | **DN.. 1504..** | ATK-02 | AKV-30-M6x22 | AADN-2-0003 | AAV-02-M5x12 | AS-01 | | |
| **TDJNR/L 4040 S1504** | ● | ● | 40 | 40 | 250 | 50 | | | | | | | | |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock /*Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

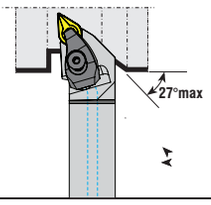
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück TDHNR 2525 M11

**KAPR=93°**





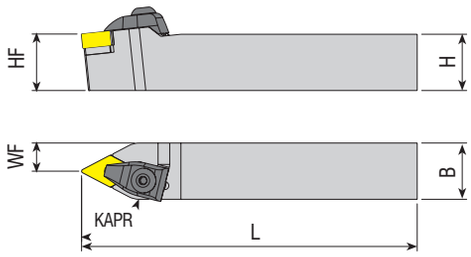

**TDJNR/L**



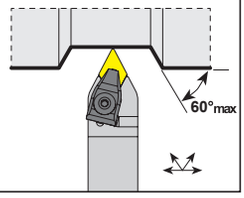

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | HF=H | B | LF | WF | | Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Yay *Spring* *Feder* | Oring *Ring* *Feder* | Sızdırmaz Vida *Threaded Pin* *Gewindestift* | Anahtar *Allen Key* *Innensechskantschlüssel* |
| **TDJNR/L 2020 K15-H** | ● | ● | 20 | 20 | 125 | 25 | **DN.. 1506..** | ATKH-01-R ATKH-02-L | AKV-33-M6x22 | AADN-3-0001 | AAV-13-M5x8 | AKY-01 | AXR-01 | 2705-G1/8x5.5 | AAL-03-3 |
| new **TDJNR/L 2525 M11-H** | ● | ● | 25 | 25 | 150 | 12 | **DN.. 1104..** | ATKH-05-R ATKH-06-L | | AADN-2-0001 | AAV-04-M5x12 | | | | |
| **TDJNR/L 2525 M15-H** | ● | ● | 25 | 25 | 150 | 32 | **DN.. 1506..** | ATKH-01-R ATKH-02-L | | AADN-3-0001 | AAV-13-M5x8 | AKY-01 | AXR-01 | 2705-G1/8x5.5 | AAL-03-3 |
| **TDJNR/L 3232 P15-H** | ● | ● | 32 | 32 | 170 | 40 | | | | | | | | | |

VDI tutucu ile uyumludur. / Compatible with VDI holders. / Kompatibel mit VDI Werkzeughalter.

**KAPR=62.5°**



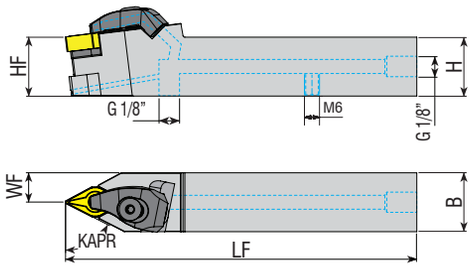

**TDNNN**

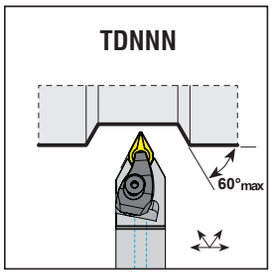



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | HF=H | B | LF | WF | | Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Segman *Ring* *Feder* | Pul *Stamp* *Ring* | Anahtar *Allen Key* *Innensechskantschlüssel* |
| **TDNNN 1616 H11** | ● | 16 | 16 | 100 | 8 | **DN.. 1104..** | ATK-01 | AKV-01-M5x22 | AADN-2-0001 | AAV-04-M5x12 | - | ABPL-01 | AAL-03-3 |
| **TDNNN 2020 K11** | ● | 20 | 20 | 125 | 10 | | | | | | | | |
| **TDNNN 2525 M11** | ● | 25 | 25 | 150 | 12.5 | | | | | | | | |
| **TDNNN 2020 K15** | ● | 20 | 20 | 125 | 10 | **DN.. 1506..** | ATK-02 | AKV-30-M6x22 | AADN-3-0001 | AAV-02-M5x12 | AS-01 | | |
| **TDNNN 2525 M15** | ● | 25 | 25 | 150 | 12.5 | | | | | | | | |
| **TDNNN 3232 P15** | ● | 32 | 32 | 170 | 16 | | | | | | | | |
| **TDNNN 4040 S15** | ○ | 40 | 40 | 250 | 20 | | | | | | | | |
| **TDNNN 5050 S15** | ○ | 50 | 50 | 250 | 25 | | | | | | | | |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock /*Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

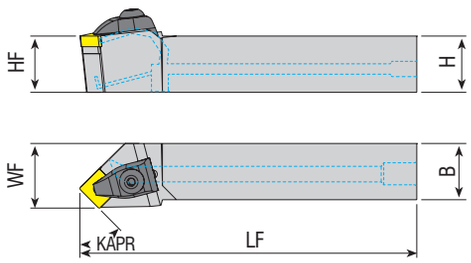
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück TDJNR 2020 K15-H

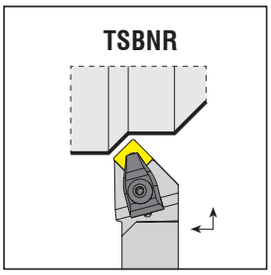



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | HF=H | B | LF | WF | | Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Yay *Spring* *Feder* | Oring *Ring* *Feder* | Sızdırmaz Vida *Threaded Pin* *Gewindestift* | Anahtar *Allen Key* Innensechskantschlüssel |
| **TDNNN 3232 P15-H** | ● | 32 | 32 | 170 | 16 | **DN.. 1506..** | ATKH-01-R | AKV-33-M6x22 | AADN-3-0001 | AAV-13-M5x8 | AKY-01 | AXR-01 | 2705-G1/8x5.5 | AAL-03-3 |

VDI tutucu ile uyumludur. / Compatible with VDI holders. / Kompatibel mit VDI Werkzeughalter.

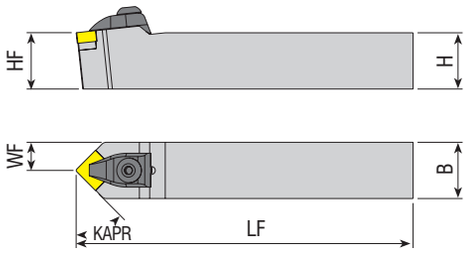


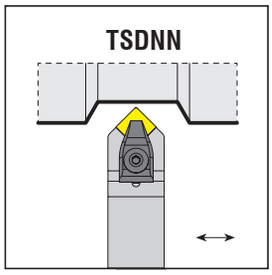




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | HF=H | B | LF | WF | | Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Yay *Spring* *Feder* | Oring *Ring* *Feder* | Sızdırmaz Vida *Threaded Pin* *Gewindestift* | Anahtar *Allen Key* Innensechskantschlüssel |
| **TSBNR/L 2525 M12-H** | ● | 25 | 25 | 150 | 150 | **SNM. 1204..** | ATKH-01-R | AKV-33-M6x22 | AASN-3-0004 | AAV-02-M5x12 | AKY-01 | AXR-01 | 2705-G1/8x5.5 | AAL-03-3 |
| **TSBNR/L 2525 M15-H** | ● | 25 | 25 | 150 | 150 | **SNM. 1506..** | ATKH-07-R | AKV-39-M7x21 | AASN-3-0023 | AAV-05-M6x10 | | | | AAL-05-4 |
| **TSBNR/L 3232 P12-H** | ● | 32 | 32 | 170 | 170 | **SNM. 1204..** | ATKH-01-R | AKV-33-M6x22 | AASN-3-0004 | AAV-02-M5x12 | | | | AAL-03-3 |
| **TSBNR/L 3232 P15-H** | ● | 32 | 32 | 170 | 27 | **SNM. 1506.** | ATKH-08-L | AKV-39-M7x21 | AASN-3-0023 | AAV-05-M6x10 | | | | AAL-05-4 |

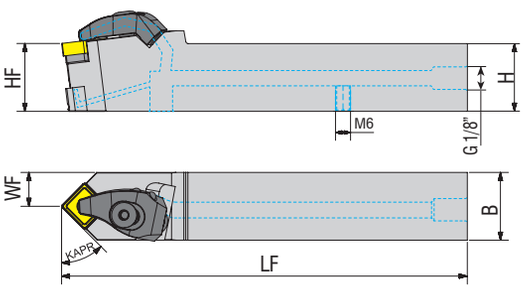
VDI tutucu ile uyumludur. / Compatible with VDI holders. / Kompatibel mit VDI Werkzeughalter.

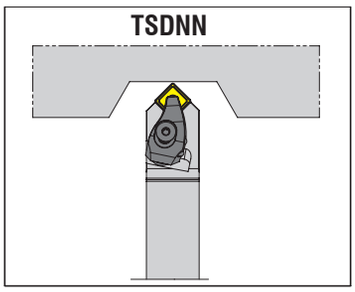
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück TDNNN 2525 M15-H




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | HF=H | B | LF | WF | | Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Segman *Ring* *Feder* | Pul *Stamp* *Ring* | Anahtar *Allen Key* Innensechskantschlüssel |
| **TSDNN 1616 H12** | ● | 16 | 16 | 100 | 8 | **SN.. 1204..** | ATK-02 | AKV-30-M6x22 | AASN-3-0004 | AAV-02-M5x12 | AS-01 | ABPL-01 | AAL-03-3 |
| **TSDNN 2020 K12** | ● | 20 | 20 | 125 | 10 | | | | | | | | |
| **TSDNN 2525 M12** | ● | 25 | 25 | 150 | 12.5 | | | | | | | | |
| **TSDNN 3232 P12** | ● | 32 | 32 | 170 | 16 | | | | | | | | |
| **TSDNN 2525 M15** | ○ | 25 | 25 | 150 | 12.5 | **SN.. 1506..** | ATK-04 | AKV-19-M7x25 | AASN-3-0023 | AAV-05-M6x15 | AS-02 | ABPL-02 | AAL-05-4 |
| **TSDNN 3232 P15** | ● | 32 | 32 | 170 | 16 | | | | | | | | |
| **TSDNN 4040 S15** | ○ | 40 | 40 | 250 | 20 | | | | | | | | |



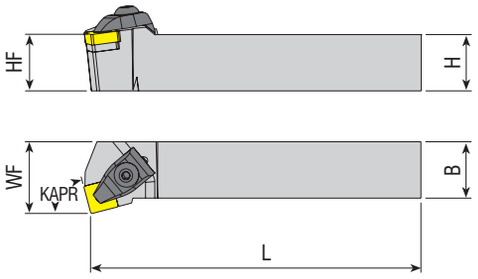




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | HF=H | B | LF | WF | | Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Yay *Spring* *Feder* | Oring *Ring* *Feder* | Sızdırmaz Vida *Threaded Pin* *Gewindestift* | Anahtar *Allen Key* Innensechskantschlüssel |
| **TSDNN 2525 M12-H** | ○ | 25 | 25 | 150 | 25 | **SN.. 1204..** | ATKH-01-R<br>ATKH-02-L | AKV-33-M6x22 | AASN-3-0004 | AAV-02-M5x12 | AKY-01 | AXR-01 | 2705-G1/8x5.5 | AAL-03-3 |
| **TSDNN 3232 P12-H** | ○ | 32 | 32 | 170 | 16 | | | | | | | | | |
| **TSDNN 2525 M15-H** | ○ | 25 | 25 | 150 | 12.7 | **SN.. 1506..** | ATKH-07-R<br>ATKH-08-L | AKV-39-M7x21 | AASN-3-0023 | AAV-05-M6x10 | | | 2705-G1/8x5.5 | AAL-05-4 |
| **TSDNN 3232 P15-H** | ○ | 32 | 32 | 170 | 16 | | | | | | | | | |
| **TSDNN 4040 S15-H** | ○ | 40 | 40 | 250 | 20 | | | | | | | | | |

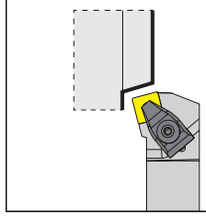
VDI tutucu ile uyumludur. / Compatible with VDI holders. / Kompatibel mit VDI Werkzeughalter.
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück TSDNN 1616 H12

**KAPR=75°**

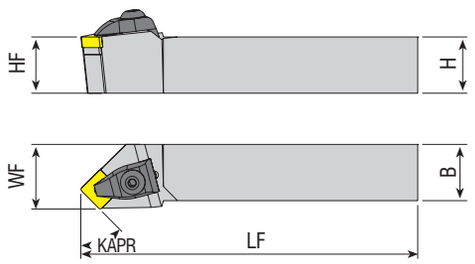



**TSKNR**

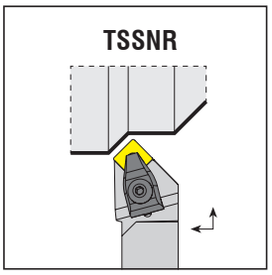


| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | HF=H | B | LF | WF | | Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Segman *Ring* *Feder* | Pul *Stamp* *Ring* | Anahtar *Allen Key* Innensechskantschlüssel |
| **TSKNR/L 2020 K12** | ● | ● | 20 | 20 | 125 | 25 | | | | | | | | |
| **TSKNR/L 2525 M12** | ● | ● | 25 | 25 | 150 | 32 | **SN.. 1204..** | ATK-02 | AKV-30-M6x22 | AASN-3-0004 | AAV-02-M5x12 | AS-01 | ABPL-01 | AAL-03-3 |
| **TSKNR/L 3232 P12** | ● | ● | 32 | 32 | 170 | 40 | | | | | | | | |
| **TSKNR/L 3232 P15** | ● | ● | 32 | 32 | 170 | 40 | **SN.. 1506..** | ATK-04 | AKV-19-M7x25 | AASN-3-0023 | AAV-05-M6x15 | AS-02 | ABPL-02 | AAL-05-4 |

**KAPR=45°**




**TSSNR**

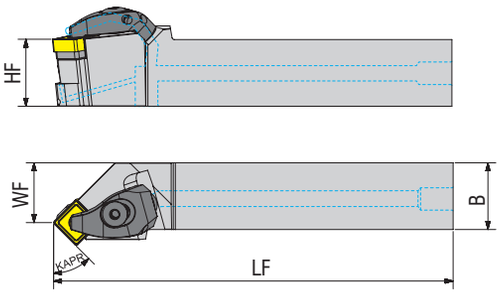


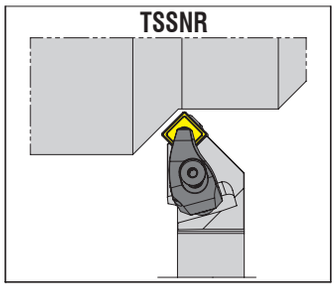
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | HF=H | B | LF | WF | | Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Segman *Ring* *Feder* | Pul *Stamp* *Ring* | Anahtar *Allen Key* Innensechskantschlüssel |
| **TSSNR/L 2020 K12** | ● | ● | 20 | 20 | 125 | 25 | | | | | | | | |
| **TSSNR/L 2525 M12** | ● | ● | 25 | 25 | 150 | 32 | **SN.. 1204..** | ATK-02 | AKV-30-M6x22 | AASN-3-0004 | AAV-02-M5x12 | AS-01 | ABPL-01 | AAL-03-3 |
| **TSSNR/L 3232 P12** | ● | ● | 32 | 32 | 170 | 40 | | | | | | | | |
| **TSSNR/L 2525 M15** | ● | ● | 25 | 25 | 150 | 32 | **SN.. 1506..** | ATK-04 | AKV-19-M7x25 | AASN-3-0023 | AAV-05-M6x15 | AS-02 | ABPL-02 | AAL-05-4 |
| **TSSNR/L 3232 P15** | ● | ● | 32 | 32 | 170 | 40 | | | | | | | | |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück TSKNR 2020 K12

**KAPR=45°**

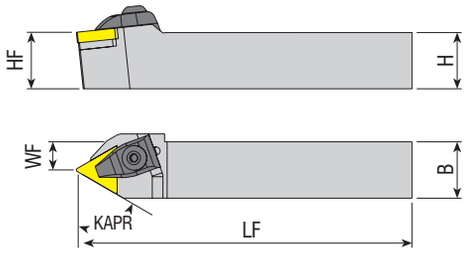


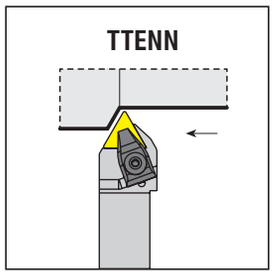




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* R | L | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H | B | LF | WF | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Yay *Spring* *Feder* | Oring *Ring* *Feder* | Sızdırmaz Vida *Threaded Pin* *Gewindestift* | Anahtar *Allen Key* Innensechskantschlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **TSSNR/L 2525 M12-H** | ○ | ○ | 25 | 25 | 150 | 32 | **SN.. 1204..** | ATKH-01-R ATKH-02-L | AKV-33-M6x22 | AASN-3-0004 | AAV-02-M5x12 | AKY-01 | AXR-01 | 2705-G1/8x5.5 | AAL-03-3 |
| **TSSNR/L 3232 P12-H** | ○ | ○ | 32 | 32 | 170 | 32 | | | | | | | | | |
| **TSSNR/L 2525 M15-H** | ○ | ○ | 25 | 25 | 150 | 40 | **SN.. 1506..** | ATKH-07-R ATKH-08-L | AKV-39-M7x21 | AASN-3-0023 | AAV-05-M6x10 | | | | AAL-05-4 |
| **TSSNR/L 3232 P15-H** | ○ | ○ | 32 | 32 | 170 | 40 | | | | | | | | | |
| **TSSNR/L 4040 S15-H** | ○ | ○ | 40 | 40 | 250 | 50 | | | | | | | | | |

VDI tutucu ile uyumludur. / Compatible with VDI holders. / Kompatibel mit VDI Werkzeughalter.
Sağ takımlarda sol baskı pabucu, sol takımlarda sağ baskı pabucu kullanılmalıdır.
The left wedge clamp should be used on right-hand tools, and the right wedge clamp should be used on left-hand tools.
*Die linke Spannpratze für rechte Werkzeuge und die rechte Spannpratze für linke Werkzeuge verwendet werden.*

**KAPR=60°**



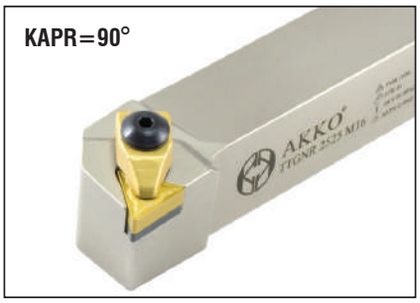



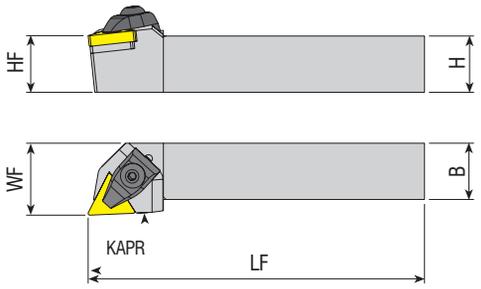

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H | B | LF | WF | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Segman *Ring* *Feder* | Pul *Stamp* *Ring* | Anahtar *Allen Key* Innensechskantschlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **TTENN 2020 K16** | ● | 20 | 20 | 125 | 10 | **TN.. 1604..** | ATK-01 | AKV-01-M5x22 | AATN-2-0002 | AAV-03-M5x12 | - | ABPL-01 | AAL-03-3 |
| **TTENN 2525 M16** | ● | 25 | 25 | 150 | 12.5 | | | | | | | | |
| **TTENN 3232 P16** | ● | 32 | 32 | 170 | 16 | | | | | | | | |
| **TTENN 2525 M22** | ● | 25 | 25 | 150 | 12.5 | **TN.. 2204...** | ATK-02 | AKV-30-M6x22 | AATN-3-0015 | AAV-02-M5x12 | AS-01 | | |
| **TTENN 3232 P22** | ● | 32 | 32 | 170 | 16 | | | | | | | | |
| **TTENN 4040 S22** | ○ | 40 | 40 | 250 | 20 | | | | | | | | |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

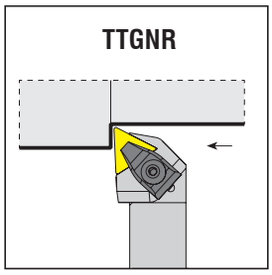
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück TSSNR 2525 M12-H

**KAPR=90°**



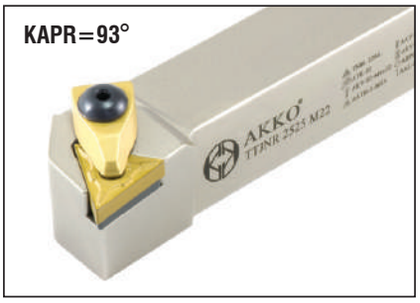


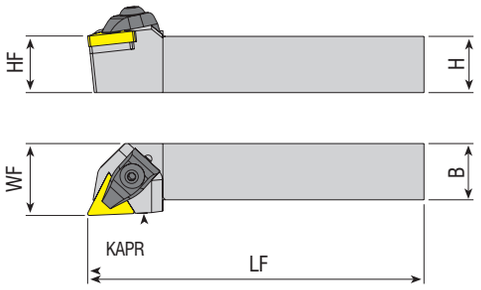

**TTGNR**



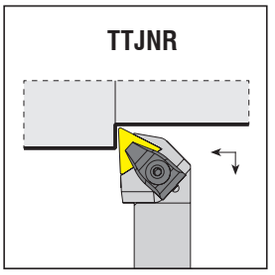
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | HF=H | B | LF | WF | | Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Segman *Ring* *Feder* | Pul *Stamp* *Ring* | Anahtar *Allen Key* Innensechskantschlüssel |
| **TTGNR/L 2020 K16** | ● | ● | 20 | 20 | 125 | 25 | **TN.. 1604..** | ATK-01 | AKV-01-M5x22 | AATN-2-0002 | AAV-03-M5x12 | - | ABPL-01 | AAL-03-3 |
| **TTGNR/L 2525 M16** | ● | ● | 25 | 25 | 150 | 32 | | | | | | | | |
| **TTGNR/L 3232 P16** | ● | ● | 32 | 32 | 170 | 40 | | | | | | | | |
| **TTGNR/L 2525 M22** | ● | ● | 25 | 25 | 150 | 32 | **TN.. 2204...** | ATK-02 | AKV-30-M6x22 | AATN-3-0015 | AAV-02-M5x12 | AS-01 | | |
| **TTGNR/L 3232 P22** | ● | ● | 32 | 32 | 170 | 40 | | | | | | | | |
| **TTGNR/L 4040 S22** | ● | ○ | 40 | 40 | 250 | 50 | | | | | | | | |

**KAPR=93°**






**TTJNR**

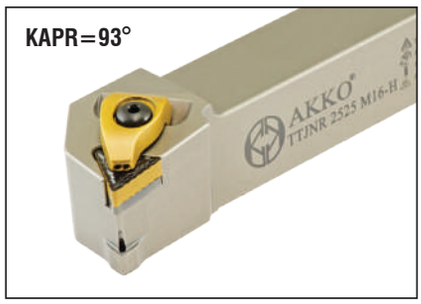


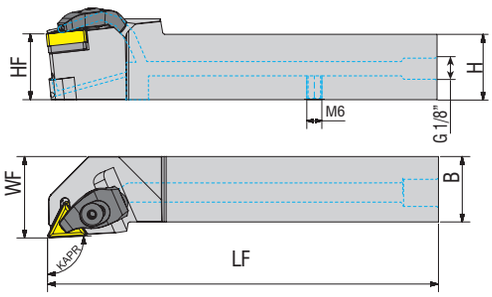
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | HF=H | B | LF | WF | | Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Segman *Ring* *Feder* | Pul *Stamp* *Ring* | Anahtar *Allen Key* Innensechskantschlüssel |
| **TTJNR/L 2020 K16** | ● | ● | 20 | 20 | 125 | 25 | **TN.. 1604..** | ATK-01 | AKV-01-M5x22 | AATN-2-0002 | AAV-03-M5x12 | - | ABPL-01 | AAL-03-3 |
| **TTJNR/L 2525 M16** | ● | ● | 25 | 25 | 150 | 32 | | | | | | | | |
| **TTJNR/L 3232 P16** | ● | ● | 32 | 32 | 170 | 40 | | | | | | | | |
| **TTJNR/L 2525 M22** | ● | ● | 25 | 25 | 150 | 32 | **TN.. 2204...** | ATK-02 | AKV-30-M6x22 | AATN-3-0015 | AAV-02-M5x12 | AS-01 | | |
| **TTJNR/L 3232 P22** | ● | ● | 32 | 32 | 170 | 40 | | | | | | | | |
| **TTJNR/L 4040 S22** | ○ | ○ | 40 | 40 | 250 | 50 | | | | | | | | |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

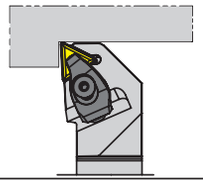
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück TTGNR 2020 K16

**KAPR=93°**



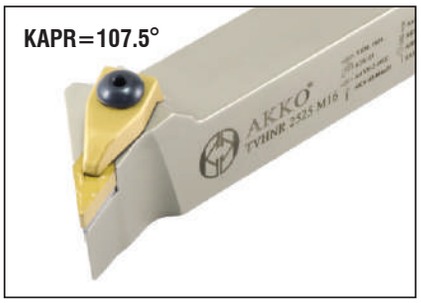

**TTJNR**

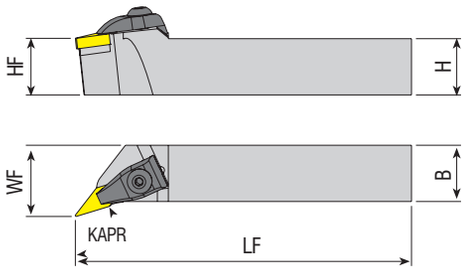


| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Yay *Spring* *Feder* | Oring *Ring* *Feder* | Sızdırmaz Vida *Threaded Pin* *Gewindestift* | Anahtar *Allen Key* *Innensechskantschlüssel* |
| | R | L | HF=H | B | LF | WF | | | | | | | | | |
| **TTJNR/L 2525 M16-H** | ○ | ○ | 25 | 25 | 150 | 32 | **TN.. 1604..** | ATKH-03-R ATKH-04-L | AKV-37-M5x18 | AATN-2-0002 | AAV-03-M5x12 | AKY-02 | AXR-02 | 2705-G1/8x5.5 | AAL-02-2.5 |
| **TTJNR/L 3232 P16-H** | ○ | ○ | 32 | 32 | 170 | 32 | | | | | | | | | |
| **TTJNR/L 2525 M22-H** | ○ | ○ | 25 | 25 | 150 | 40 | **TN.. 2204...** | ATKH-01-R ATKH-02-L | AKV-33-M6x22 | AATN-3-0015 | AAV-02-M5x12 | AKY-01 | AXR-01 | | AAL-03-3 |
| **TTJNR/L 3232 P22-H** | ○ | ○ | 32 | 32 | 170 | 40 | | | | | | | | | |

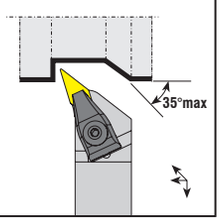
VDI tutucu ile uyumludur. / Compatible with VDI holders. / Kompatibel mit VDI Werkzeughalter.

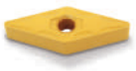
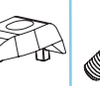
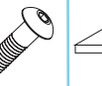
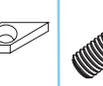
**KAPR=107.5°**



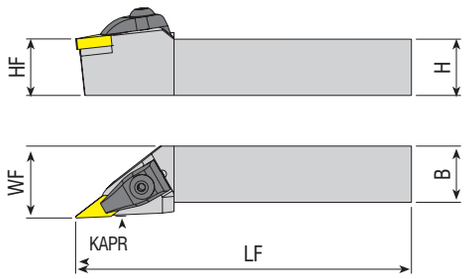

**TVHNR**

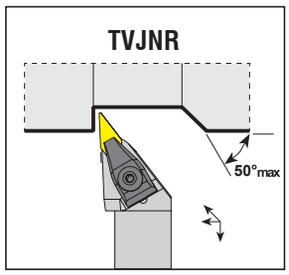



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Segman *Ring* *Feder* | Pul *Stamp* *Ring* | Anahtar *Allen Key* *Innensechskantschlüssel* | |
| | R | L | HF=H | B | LF | WF |  |  |  |  | | | |  | |
| **TVHNR/L 2020 K16** | ● | ● | 20 | 20 | 125 | 25 | **VN.. 1604..** | ATK-03 | AKV-30-M6x22 | AAVN -2-0002 | AAV-04-M5x12 | AS-01 | ABPL-01 | AAL-03-3 | |
| **TVHNR/L 2525 M16** | ● | ● | 25 | 25 | 150 | 32 | | | | | | | | | |
| **TVHNR/L 3232 P16** | ● | ● | 32 | 32 | 170 | 40 | | | | | | | | | |

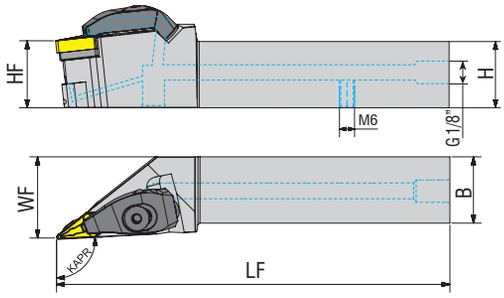
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock /*Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

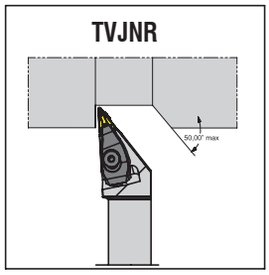
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück TTJNR 2525 M16-H




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | HF=H | B | LF | WF | | Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Segman *Ring* *Feder* | Pul *Stamp* *Ring* | Anahtar *Allen Key* *Innensechskantschlüssel* |
| **TVJNR/L 2020 K16** | ● | ● | 20 | 20 | 125 | 25 | **VN.. 1604..** | ATK-03 | AKV-30-M6x22 | AAVN-2-0002 | AAV-04-M5x12 | AS-01 | ABPL-01 | AAL-03-3 |
| **TVJNR/L 2525 M16** | ● | ● | 25 | 25 | 150 | 32 | | | | | | | | |
| **TVJNR/L 3232 P16** | ● | ● | 32 | 32 | 170 | 40 | | | | | | | | |




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | HF=H | B | LF | WF | | Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Yay *Spring* *Feder* | Oring *Ring* *Feder* | Sızdırmaz Vida *Threaded Pin* *Gewindestift* | Anahtar *Allen Key* *Innensechskantschlüssel* |
| **TVJNR/L 2020 K16-H** | ○ | ○ | 20 | 20 | 125 | 25 | **VN.. 1604..** | ATKH-05-R<br>ATKH-06-L | AKV-33-M6x22 | AAVN-2-0002 | AAV-04-M5x12 | AKY-01 | AXR-01 | 2705-G1/8x5.5 | AAL-03-3 |
| **TVJNR/L 2525 M16-H** | ○ | ○ | 25 | 25 | 150 | 32 | | | | | | | | | |
| **TVJNR/L 3232 P16-H** | ○ | ○ | 32 | 32 | 170 | 40 | | | | | | | | | |

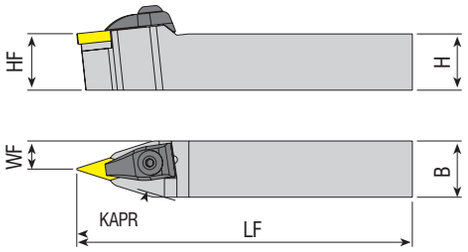
VDI tutucu ile uyumludur. / Compatible with VDI holders. / Kompatibel mit VDI Werkzeughalter.

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*

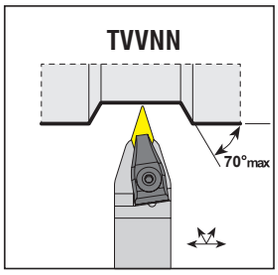
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

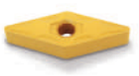
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück TVJNR 2020 K16

**KAPR=72.5°**

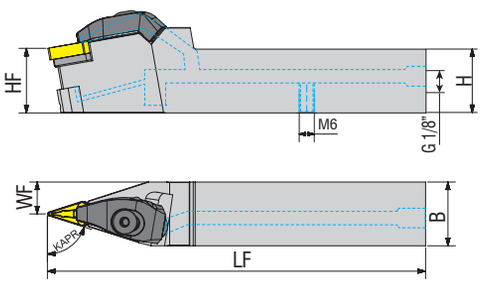



**TVVNN**

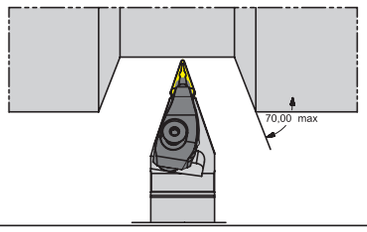


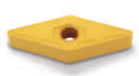
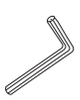

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H | B | LF | WF | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Segman *Ring* *Feder* | Pul *Stamp* *Ring* | Anahtar *Allen Key* Innensechskantschlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | |  | | | | | | | |
| **TVVNN 2020 K16** | ● | 20 | 20 | 125 | 10 | **VN.. 1604..** | ATK-03 | AKV-30-M6x22 | AAVN-2-0002 | AAV-04-M5x12 | AS-01 | ABPL-01 | AAL-03-3 |
| **TVVNN 2525 M16** | ● | 25 | 25 | 150 | 12.5 | | | | | | | | |
| **TVVNN 3232 P16** | ● | 32 | 32 | 170 | 16 | | | | | | | | |

**KAPR=72.5°**




**TVVNN**

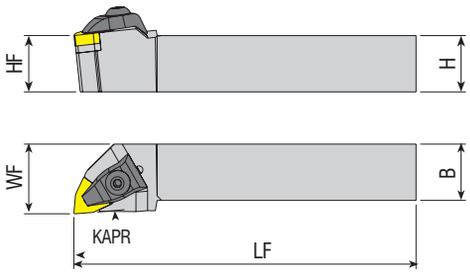


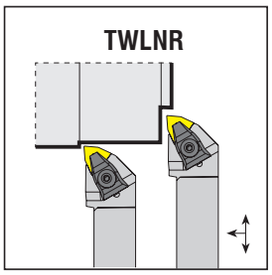

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H | B | LF | WF | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Yay *Spring* *Feder* | Oring *Ring* *Feder* | Sızdırmaz Vida *Threaded Pin* *Gewindestift* | Anahtar *Allen Key* Innensechskantschlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | |  | | | | | | |  |
| **TVVNN 2020 K16-H** | ○ | 20 | 20 | 125 | 10 | **VN.. 1604..** | ATKH-05-R<br>ATKH-06-L | AKV-33-M6x22 | AAVN-2-0002 | AAV-04-M5x12 | AKY-01 | AXR-01 | 2705-G1/8x5.5 | AAL-03-3 |
| **TVVNN 2525 M16-H** | ○ | 25 | 25 | 150 | 12.7 | | | | | | | | | |

VDI tutucu ile uyumludur. / Compatible with VDI holders. / Kompatibel mit VDI Werkzeughalter.
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock /*Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück TVVNN 2020 K16

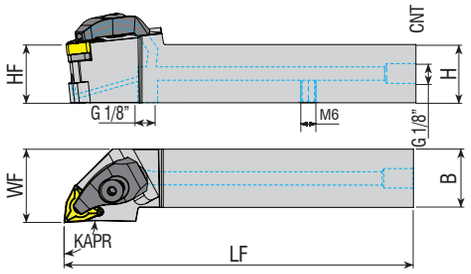
**KAPR=95°**

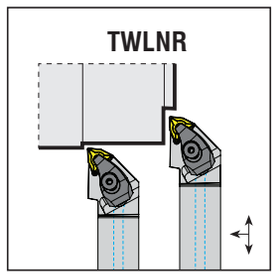



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | HF=H | B | LF | WF | | Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Segman *Ring* *Feder* | Pul *Stamp* *Ring* | Anahtar *Allen Key* Innensechskantschlüssel |
| **TWLNR/L 1616 H06** | ● | ● | 16 | 16 | 100 | 20 | **WN.. 0604..** | ATK-01 | AKV-01-M5x22 | AAWN-SW317 | AAV-01-M3x10 | - | ABPL-01 | AAL-03-3 |
| **TWLNR/L 2020 K06** | ● | ● | 20 | 20 | 125 | 25 | | | | | | | | |
| **TWLNR/L 2525 M06** | ● | ● | 25 | 25 | 150 | 32 | | | | | | | | |
| **TWLNR/L 2020 K08** | ● | ● | 20 | 20 | 125 | 25 | **WN.. 0804..** | ATK-02 | AKV-30-M6x22 | AAWN-3-0001 | AAV-02-M5x12 | AS-01 | | |
| **TWLNR/L 2525 M08** | ● | ● | 25 | 25 | 150 | 32 | | | | | | | | |
| **TWLNR/L 3232 P08** | ● | ● | 32 | 32 | 170 | 40 | | | | | | | | |
| **TWLNR/L 4040 S08** | ● | ● | 40 | 40 | 250 | 50 | | | | | | | | |
| **TWLNR/L 5050 S08** | ○ | ○ | 50 | 50 | 250 | 60 | | | | | | | | |

**KAPR=95°**

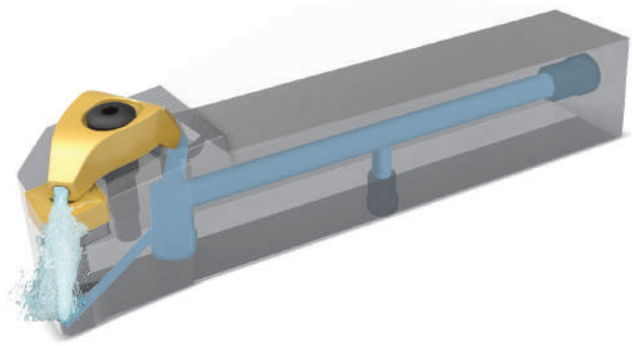


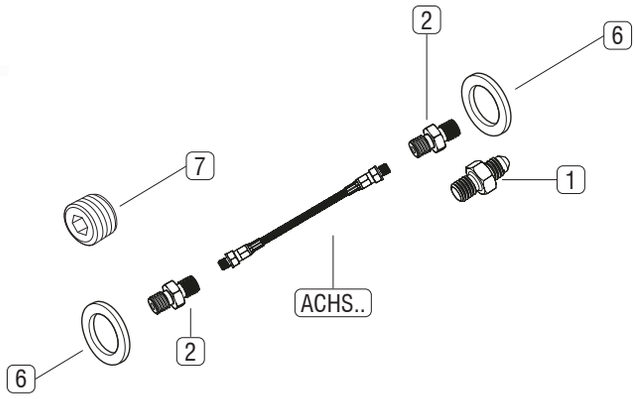




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | HF=H | B | LF | WF | | Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Yay *Spring* *Feder* | Oring *Ring* *Feder* | Sızdırmaz Vida *Threaded Pin* *Gewindestift* | Anahtar *Allen Key* Innensechskantschlüssel |
| **TWLNR/L 2020 K06-H** | ● | ● | 20 | 20 | 125 | 25 | **WN.. 0604..** | ATKH-03-R ATKH-04-L | AKV-37-M5x18 | AAWN-SW317 | AAV-01-M3X10 AKV-37-M5X18 AAV-01-M3X10 | AKY-03 | AXR-02 | 2705-G1/8x5.5 | AAL-02-2.5 |
| **TWLNR/L 2525 M06-H** | ● | ● | 25 | 25 | 150 | 32 | | | | | | | | | |
| **TWLNR/L 3232 P06-H** | ● | ● | 32 | 32 | 170 | 40 | | | | | | | | | |
| **TWLNR/L 2020 K08-H** | ● | ● | 20 | 20 | 125 | 25 | **WN.. 0804..** | ATKH-01-R ATKH-02-L | AKV-33-M6x22 | AAWN-3-0001 | AAV-13-M5x8 | AKY-01 | AXR-01 | | AAL-03-3 |
| **TWLNR/L 2525 M08-H** | ● | ● | 25 | 25 | 150 | 32 | | | | | | | | | |
| **TWLNR/L 3232 P08-H** | ● | ● | 32 | 32 | 170 | 40 | | | | | | | | | |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock /*Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
VDI tutucu ile uyumludur. / Compatible with VDI holders. / Kompatibel mit VDI Werkzeughalter.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück TWLNR 1616 H06

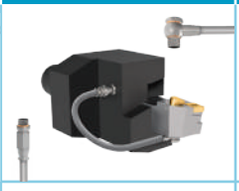





Not: İçten soğutmalı tüm torna katerlerinde kullanılabilecek 3 tip soğutma hortum setleri tasarlanmıştır. Takımların kullanılmasından önce, kullanılmayan bağlantıların set içindeki vida ile kapatılarak sızdırmazlığın sağlanmasına dikkat edilmelidir. Torna katerlerine yönelik soğutma hortum setleri, ACHS... 10 bar ile maksimum 150 bar basınç aralığında kullanılabilir.

Note: 3 types of cooling hose sets are designed that can be used in all internally cooled lathes. Before using the tools, care should be taken to ensure that the unused connections are closed with the screw in the set and that sealing is ensured. Cooling hose sets for lathe tools can be used in the pressure range of ACHS ... 10 bar to max 150 bar.

*Notiz: Es wurden 3 Arten von Kühlschlauch-Sets entwickelt, die in allen intern gekühlten Drehmaschinen verwendet werden können. Vor der Verwendung der Werkzeuge sollte darauf geachtet werden, dass die nicht verwendeten Verbindungen mit der Schraube im Satz geschlossen werden und die Abdichtung gewährleistet ist. Kühlschlauchsätze für Drehmaschinen können im Druckbereich von ACHS ... 10 bar bis max. 150 bar eingesetzt werden.*

| | **Set İçindeki Parçalar** *Parts In The Set* *Teile im Set* | | | Uzunluk / *Length Code* / *Länge* | | |
|---|---|---|---|---|---|---|
| | | | | Set Kodu: *Set Code:* *Code Einstellen:* ACHS-1-250 | Set Kodu: *Set Code:* *Code Einstellen:* ACHS-2-250 | Set Kodu: *Set Code:* *Code Einstellen:* ACHS-3-250 |
| | | | | |  | |
| | Resim *Picture* *Bild* | Takım Kodu *Set Code* *Code Einstellen* | Ürün Açıklaması *Product Description* *Artikelbeschreibung* | | | |
| 1 | | AMP-01 | M10 Bağlantı Elemanı<br>M10 Fastener<br>M10 Verschluss | 1x | - | - |
| 2 | | AMP-02 | G 1/8" Çift Bağlantı Elemanı<br>G 1/8" Double Fastener<br>G 1/8" Doppelverschluss | 2x | 1x | - |
| 3 | | AMP-03 | G 1/8" Açılı Bağlantısı<br>G 1/8" Angle Connection<br>G 1/8" Winkelverbindung | - | 1x | 2x |
| 4 | | AMP-04 | M10" Açılı Bağlantısı<br>M10" Angle Connection<br>M10" Winkelverbindung | - | 1x | 1x |
| 5 | | AMP-05 | G1/4"-G1/8" Kılsalma Parçası<br>G1 / 4"-G1/8" Capillary Piece<br>G1 / 4"-G1/8" Kapillarstück | - | 1x | 1x |
| 6 | | AG-01 | Bakır Conta<br>Copper Gasket<br>Kupferdichtung | 2x | 3x | 4x |
| 7 | | 2705-G1/8-5.5 | G1/8" Sızdırmaz Civata<br>G1/8" Sealing Bolt<br>G1/8" Dichtungsschraube | 1x | 1x | 1x |
| 8 | | AH-1-250 | Hortum<br>Hose<br>Schlauch | 1x | - | - |
| 9 | | AH-2-250 | Hortum<br>Hose<br>Schlauch | - | 1x | - |
| 10 | | AH-3-250 | Hortum<br>Hose<br>Schlauch | - | - | 1x |

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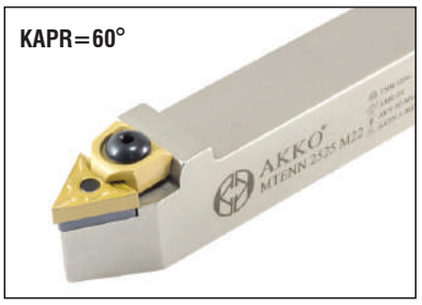
# M-SİSTEM

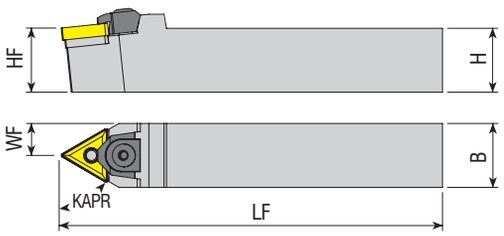
**M-SİSTEM DIŞ TORNA KATERLERİ**

*M-SYSTEM EXTERNAL TURNING TOOLHOLDERS*

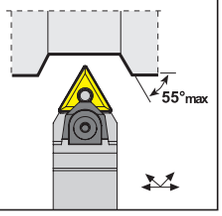
*M-SYSTEM AUSSEN - DREHHALTER*

**KAPR=60°**



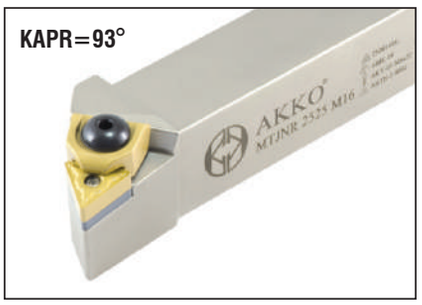



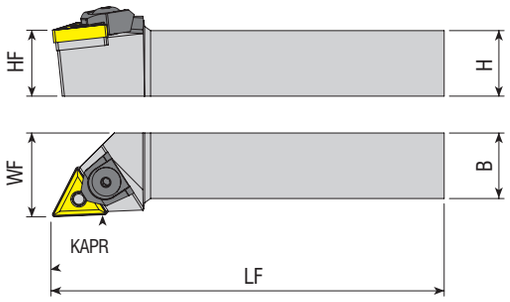

**MTENN**



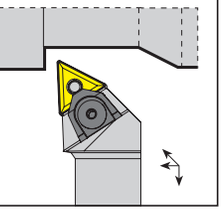

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | HF=H | B | LF | WF | | Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Pim *Pin* *Stift* | Segman *Ring* *Feder* | Pul *Stamp* *Ring* | Anahtar *Allen Key* Innensechskantschlüssel |
| **MTENN 2020 K16** | ● | 20 | 20 | 125 | 10 | | | | | | | | |
| **MTENN 2525 M16** | ● | 25 | 25 | 150 | 12.5 | **TN.. 1604..** | AMK-04 | | AATN-2-0002 | APM-01 | | | |
| **MTENN 3232 P16** | ● | 32 | 32 | 170 | 16 | | | AKV-30-M6x22 | | | AS-01 | ABPL-01 | AAL-03-3 |
| **MTENN 2525 M22** | ● | 25 | 25 | 150 | 12.5 | | | | | | | | |
| **MTENN 3232 P22** | ● | 32 | 32 | 170 | 16 | **TN.. 2204...** | AMK-08 | | AATN-3-0015 | APM-02 | | | |
| **MTENN 4040 S22** | ● | 40 | 40 | 250 | 20 | | | | | | | | |

**KAPR=93°**




**MTJNR**

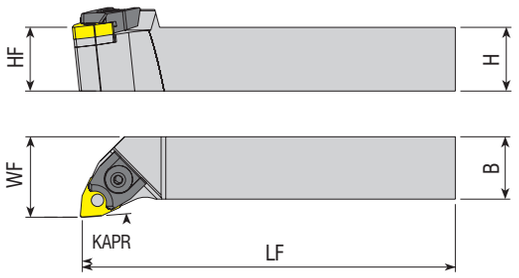


| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | HF=H | B | LF | WF | | Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Pim *Pin* *Stift* | Segman *Ring* *Feder* | Pul *Stamp* *Ring* | Anahtar *Allen Key* Innensechskantschlüssel |
| **MTJNR/L 2020 K16** | ● | ● | 20 | 20 | 125 | 25 | | | | | | | | |
| **MTJNR/L 2525 M16** | ● | ● | 25 | 25 | 150 | 32 | **TN.. 1604..** | AMK-04 | | AATN-2-0002 | APM-01 | | | |
| **MTJNR/L 3232 P16** | ● | ● | 32 | 32 | 170 | 40 | | | AKV-30-M6x22 | | | AS-01 | ABPL-01 | AAL-03-3 |
| **MTJNR/L 2525 M22** | ● | ● | 25 | 25 | 150 | 32 | | | | | | | | |
| **MTJNR/L 3232 P22** | ● | ● | 32 | 32 | 170 | 40 | **TN.. 2204...** | AMK-08 | | AATN-3-0015 | APM-02 | | | |
| **MTJNR/L 4040 S22** | ● | ● | 40 | 40 | 250 | 50 | | | | | | | | |

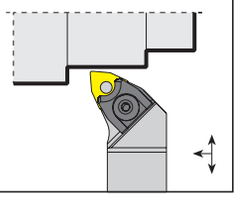
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück MTENN 2020 K16

**KAPR=95°**

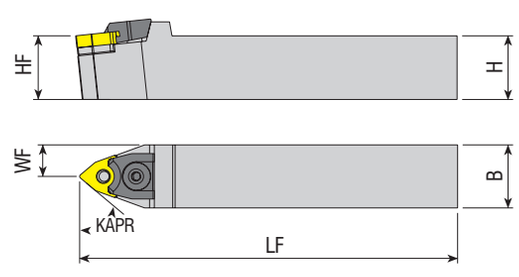



**MWLNR**

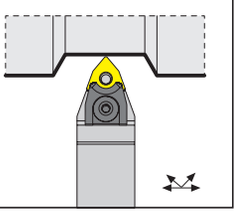


| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | HF=H | B | LF | WF | | Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Pim *Pin* *Stift* | Segman *Ring* *Feder* | Pul *Stamp* *Ring* | Anahtar *Allen Key* *Innensechskantschlüssel* |
| **MWLNR/L 1616 H06** | ● | ● | 16 | 16 | 100 | 20 | | | | | | | | |
| **MWLNR/L 2020 K06** | ● | ● | 20 | 20 | 125 | 25 | **WN.. 0604..** | AMK-01 | AKV-04-M5x17 | - | APM-08 | - | - | |
| **MWLNR/L 2525 M06** | ● | ● | 25 | 25 | 150 | 32 | | | | | | | | AAL-03-3 |
| **MWLNR/L 2020 K08** | ● | ● | 20 | 20 | 125 | 25 | | | | | | | | |
| **MWLNR/L 2525 M08** | ● | ● | 25 | 25 | 150 | 32 | **WN.. 0804..** | AMK-05 | AKV-03-M6x22 | AAWN-3-0001 | APM-02 | AS-01 | ABPL-01 | |
| **MWLNR/L 3232 P08** | ● | ● | 32 | 32 | 170 | 40 | | | | | | | | |

**KAPR=50°**




**MWMNN**



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | HF=H | B | LF | WF | | Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Pim *Pin* *Stift* | Segman *Ring* *Feder* | Pul *Stamp* *Ring* | Anahtar *Allen Key* *Innensechskantschlüssel* |
| **MWMNN 1616 H06** | ● | 16 | 16 | 100 | 8 | | | | | | | | |
| **MWMNN 2020 K06** | ● | 20 | 20 | 125 | 10 | **WN.. 0604..** | AMK-01 | AKV-04-M5x17 | - | APM-08 | - | - | |
| **MWMNN 2525 M06** | ● | 25 | 25 | 150 | 12.5 | | | | | | | | AAL-03-3 |
| **MWMNN 2020 K08** | ● | 20 | 20 | 125 | 10 | | | | | | | | |
| **MWMNN 2525 M08** | ● | 25 | 25 | 150 | 12.5 | **WN.. 0804..** | AMK-05 | AKV-03-M6x22 | AAWN-3-0001 | APM-02 | AS-01 | ABPL-01 | |
| **MWMNN 3232 P08** | ● | 32 | 32 | 170 | 16 | | | | | | | | |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock /*Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück MWLNR 1616 H06

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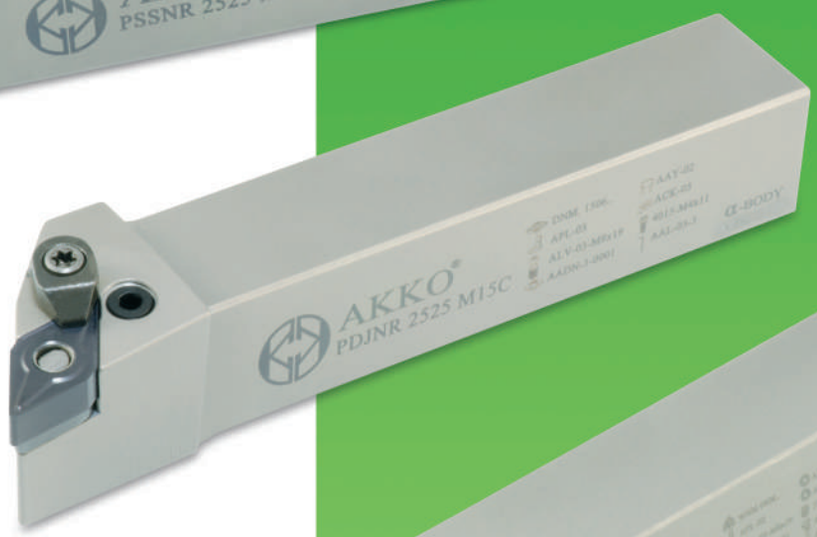
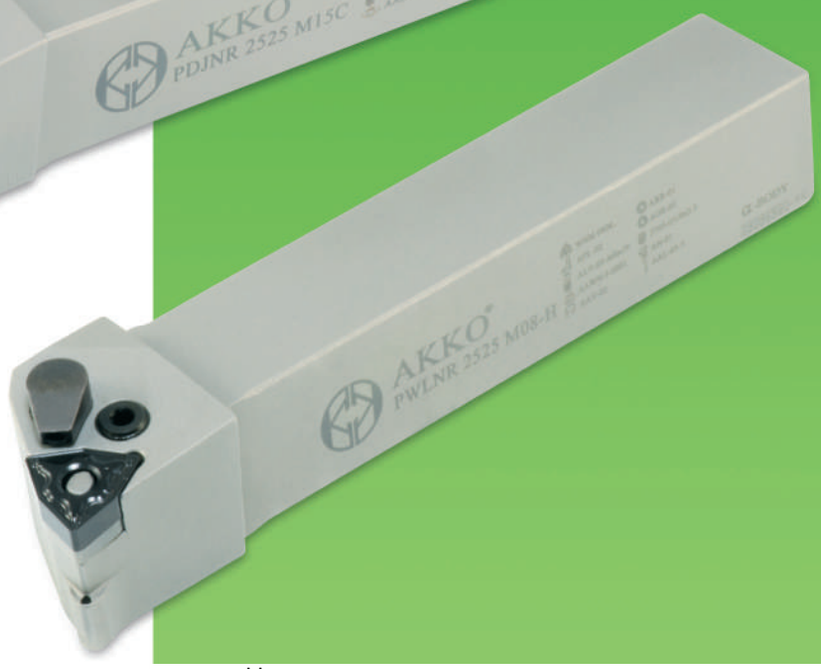
# P-SİSTEM

**P-SİSTEM DIŞ TORNA KATERLERİ**
*P-SYSTEM EXTERNAL TURNING TOOLHOLDERS*
*P-SYSTEM AUSSEN - DREHHALTER*

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*FÜR DETAILS BİTTE DEN QR CODE SCANNEN*

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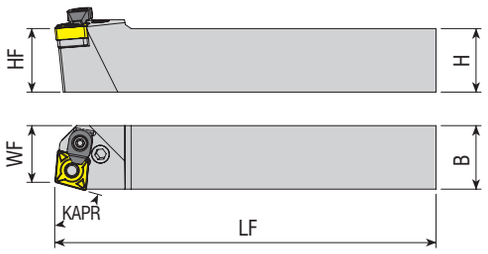
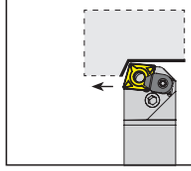
**KAPR=75°**

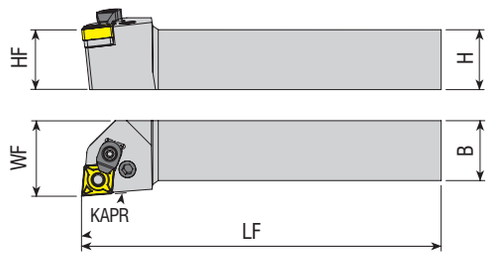



**PCBNR**

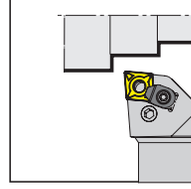


| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* R | L | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H | B | LF | WF | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Levye *Lever* *Kniehebel* | Levye Vidası *Lever Screw* *Kniehebelschraube* | Altlık *Shim* *Unterlage* | Altlık Yayı *Shim Spring* *Feder für Unterlage* | Baskı Parçası *Wedge Clamp* *Spannpratze* | Baskı Vidası *Clamp Screw* *Klemmschraube* | Anahtar *Allen Key* *Innensechskantschlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PCBNR/L 2020 K12C** | ● | ● | 20 | 20 | 125 | 17.5 | **CN.. 1204..** | APL-02 | ALV-03-M8x19 | AACN-3-0001 | AAY-02 | ACK-05 | 4015-M4x11 | AAL-03-3 |
| **PCBNR/L 2525 M12C** | ● | ● | 25 | 25 | 150 | 22.5 | | | | | | | | |
| **PCBNR/L 3232 P12C** | ● | ● | 32 | 32 | 170 | 29.5 | | | | | | | | |
| **PCBNR/L 2525 M16C** | ● | ● | 25 | 25 | 150 | 22 | **CN.. 1606..** | APL-04 | ALV-04-M8x22 | AACN-3-0002 | AAY-03 | ACK-09 | AAV-05-M6x15 | AAL-05-4 |
| **PCBNR/L 3232 P16C** | ● | ● | 32 | 32 | 170 | 27 | | | | | | | | |
| **PCBNR/L 2525 P19C** | ● | ○ | 25 | 25 | 170 | 20 | **CN.. 1906..** | APL-05 | ALV-05-M10x27 | AACN-3-0003 | AAY-04 | | | |
| **PCBNR/L 3232 P19C** | ● | ● | 32 | 32 | 170 | 27 | | | | | | | | |
| **PCBNR/L 4040 S19C** | ● | ● | 40 | 40 | 250 | 37 | | | | | | | | |
| **PCBNR/L 4040 S25C** | ● | ● | 40 | 40 | 250 | 37 | **CN.. 2509..** | APL-06 | ALV-06-M12x36 | AACN-3-0008 | AAY-05 | ACK-04 | AKV-16-M6x16 | AAL-07-5 |
| **PCBNR/L 5050 S25C** | ○ | ○ | 50 | 50 | 250 | 47 | | | | | | | | |

**KAPR=95°**




**PCLNR**

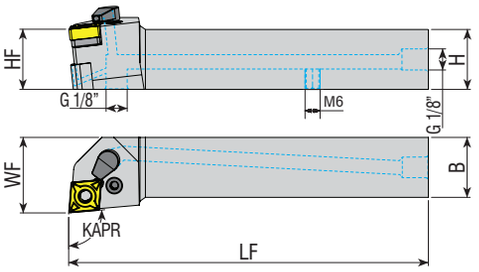


| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* R | L | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H | B | LF | WF | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Levye *Lever* *Kniehebel* | Levye Vidası *Lever Screw* *Kniehebelschraube* | Altlık *Shim* *Unterlage* | Altlık Yayı *Shim Spring* *Feder für Unterlage* | Baskı Parçası *Wedge Clamp* *Spannpratze* | Baskı Vidası *Clamp Screw* *Klemmschraube* | Anahtar *Allen Key* *Innensechskantschlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PCLNR/L 1616 H09** | ● | ● | 16 | 16 | 100 | 20 | **CN.. 0903..** | APL-01 | ALV-02-M6x17 | AACN-2-0002 | AAY-01 | - | - | AAL-02-2.5 |
| **PCLNR/L 2020 K09** | ● | ● | 20 | 20 | 125 | 25 | | | | | | | | |
| **PCLNR/L 2525 M09** | ● | ● | 25 | 25 | 150 | 32 | | | | | | | | |
| **PCLNR/L 1616 H12** | ● | ● | 16 | 16 | 100 | 20 | **CN.. 1204..** | APL-02 | ALV-03-M8x19 | AACN-3-0001 | AAY-02 | - | - | AAL-03-3 |
| **PCLNR/L 2020 K12C** | ● | ● | 20 | 20 | 125 | 25 | | | | | | ACK-05 | 4015-M4x11 | |
| **PCLNR/L 2525 M12C** | ● | ● | 25 | 25 | 150 | 32 | | | | | | | | |
| **PCLNR/L 3232 P12C** | ● | ● | 32 | 32 | 170 | 40 | | | | | | | | |
| **PCLNR/L 2525 M16C** | ● | ● | 25 | 25 | 150 | 32 | **CN.. 1606..** | APL-04 | ALV-04-M8x22 | AACN-3-0002 | AAY-03 | ACK-09 | AAV-05-M6x15 | AAL-05-4 |
| **PCLNR/L 3232 P16C** | ● | ● | 32 | 32 | 170 | 40 | | | | | | | | |
| **PCLNR/L 2525 M19C** | ● | ● | 25 | 25 | 150 | 32 | **CN.. 1906..** | APL-05 | ALV-05-M10x27 | AACN-3-0003 | AAY-04 | | | |
| **PCLNR/L 3232 P19C** | ● | ● | 32 | 32 | 170 | 40 | | | | | | | | |
| **PCLNR/L 4040 S19C** | ● | ● | 40 | 40 | 250 | 50 | | | | | | | | |
| **PCLNR/L 5050 S19C** | ● | ● | 50 | 50 | 250 | 60 | | | | | | | | |
| **PCLNR/L 4040 S25C** | ● | ● | 40 | 40 | 250 | 50 | **CN.. 2509..** | APL-06 | ALV-06-M12x36 | AACN-3-0008 | AAY-05 | ACK-04 | AKV-16-M6x16 | AAL-07-5 |
| **PCLNR/L 5050 S25C** | ● | ● | 50 | 50 | 250 | 60 | | | | | | | | |

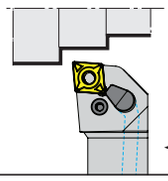
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück PCBNR 2020 K12C

**KAPR=95°**



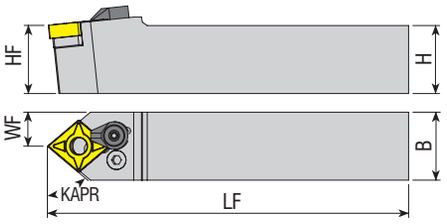

**PCLNR**



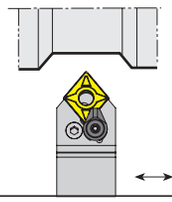
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Levye *Lever* *Kniehebel* | Levye Vidası *Lever Screw* *Kniehebelschraube* | Altlık *Shim* *Unterlage* | Altlık Yayı *Shim Spring* *Feder für Unterlage* | Oring *Ring* *Feder* | Sızdırmaz Vida *Threaded Pin* *Gewindestift* | Nozul *Spannpratze* *Spannpratze* | Anahtar *Allen Key* *Innensechskantschlüssel* |
| | R | L | HF=H | B | LF | WF | | | | | | | | | |
| **PCLNR/L 2020 K12-H** | ● | ● | 20 | 20 | 125 | 25 | | | | | | | | | |
| **PCLNR/L 2525 M12-H** | ● | ● | 25 | 25 | 150 | 32 | **CN.. 1204..** | APL-02 | ALV-03-M8x19 | AACN-3-0001 | AAY-02 | | | | AAL-03-3 |
| **PCLNR/L 3232 P12-H** | ● | ○ | 32 | 32 | 170 | 40 | | | | | | AOR-01 | 2705-G1/8x5.5 | AN-01 | |
| **PCLNR/L 3232 P16-H** | ● | ○ | 32 | 32 | 170 | 40 | **CN.. 1606..** | APL-04 | ALV-04-M8X22 | AACN-3-0002 | AAY-03 | | | | |
| **PCLNR/L 3232 P19-H** | ● | ○ | 32 | 32 | 170 | 40 | **CN.. 1906..** | APL-05 | ALV-05-M10x27 | AACN-3-0003 | AAY-04 | | | | AAL-03-4 |

VDI tutucu ile uyumludur. / Compatible with VDI holders. / Kompatibel mit VDI Werkzeughalter.

**KAPR=50°**




**PCMNN**

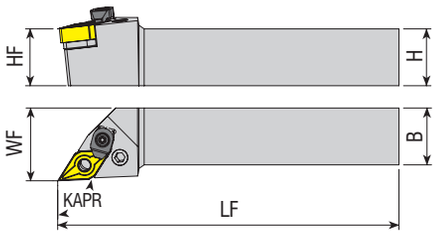


| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Levye *Lever* *Kniehebel* | Levye Vidası *Lever Screw* *Kniehebelschraube* | Altlık *Shim* *Unterlage* | Altlık Yayı *Shim Spring* *Feder für Unterlage* | Baskı Parçası *Wedge Clamp* *Spannpratze* | Baskı Vidası *Clamp Screw* *Klemmschraube* | Anahtar *Allen Key* *Innensechskantschlüssel* |
| | | HF=H | B | LF | WF | | | | | | | | |
| **PCMNN 2020 K12C** | ● | 20 | 20 | 125 | 10 | | | | | | | | |
| **PCMNN 2525 M12C** | ● | 25 | 25 | 150 | 12.5 | **CN.. 1204..** | APL-02 | ALV-03-M8x19 | AACN-3-0001 | AAY-02 | ACK-05 | 4015-M4x11 | AAL-03-3 |
| **PCMNN 3232 P12C** | ○ | 32 | 32 | 170 | 16 | | | | | | | | |
| **PCMNN 2525 M16C** | ○ | 25 | 25 | 150 | 12.5 | **CN.. 1606..** | APL-04 | ALV-04-M8x22 | AACN-3-0002 | AAY-03 | | | |
| **PCMNN 3232 P16C** | ○ | 32 | 32 | 170 | 16 | | | | | | | | |
| **PCMNN 3232 P19C** | ● | 32 | 32 | 170 | 16 | | | | | | | | |
| **PCMNN 4040 S19C** | ● | 40 | 40 | 250 | 20 | **CN.. 1906..** | APL-05 | ALV-05-M10x27 | AACN-3-0003 | AAY-04 | ACK-09 | AAV-05-M6x15 | AAL-05-4 |
| **PCMNN 5050 S19C** | ○ | 50 | 50 | 250 | 25 | | | | | | | | |
| **PCMNN 4040 S25C** | ● | 40 | 40 | 250 | 20 | **CN.. 2509..** | APL-06 | ALV-06-M12x36 | AACN-3-0008 | AAY-05 | ACK-04 | AKV-16-M6x16 | AAL-07-5 |

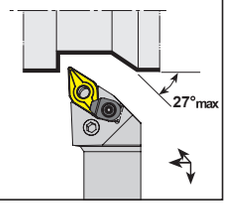
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock /*Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück PCLNR 2020 K12-H

**KAPR=93°**

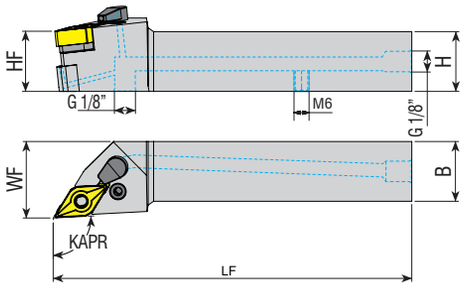



**PDJNR**

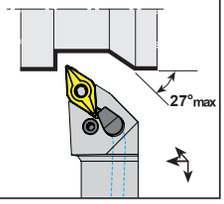



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Levye *Lever* *Kniehebel* | Levye Vidası *Lever Screw* *Kniehebelschraube* | Altlık *Shim* *Unterlage* | Altlık Yayı *Shim Spring* *Feder für Unterlage* | Baskı Parçası *Wedge Clamp* *Spannpratze* | Baskı Vidası *Clamp Screw* *Klemmschraube* | Anahtar *Allen Key* *Innensechskantschlüssel* |
| | R | L | HF=H | B | LF | WF | | | | | | | | |
| **PDJNR/L 1616 H11** | ● | ● | 16 | 16 | 100 | 20 | **DN.. 1104..** | APL-01 | ALV-02-M6x17 | AADN-SD317 | AAY-01 | - | - | AAL-02-2.5 |
| **PDJNR/L 2020 K11** | ● | ● | 20 | 20 | 125 | 25 | | | | | | | | |
| **PDJNR/L 2525 M11** | ● | ● | 25 | 25 | 150 | 32 | | | | | | | | |
| **PDJNR/L 2020 K15C** | ● | ● | 20 | 20 | 125 | 25 | **DN.. 1506..** | APL-03 | ALV-03-M8x19 | AADN-3-0001 | AAY-02 | ACK-05 | 4015-M4x11 | AAL-03-3 |
| **PDJNR/L 2525 M15C** | ● | ● | 25 | 25 | 150 | 32 | | | | | | | | |
| **PDJNR/L 3232 P15C** | ● | ● | 32 | 32 | 170 | 40 | | | | | | | | |
| **PDJNR/L 4040 S15C** | ● | ● | 40 | 40 | 250 | 50 | | | | | | | | |

**KAPR=93°**




**PDJNR**

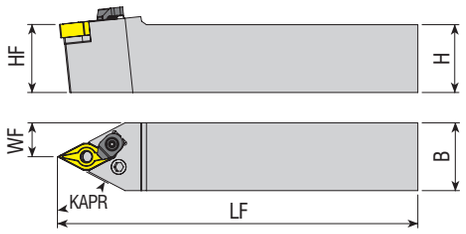



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Levye *Lever* *Kniehebel* | Levye Vidası *Lever Screw* *Kniehebelschraube* | Altlık *Shim* *Unterlage* | Altlık Yayı *Shim Spring* *Feder für Unterlage* | Oring *Ring* *Feder* | Sızdırmaz Vida *Threaded Pin* *Gewindestift* | Nozul *Spannpratze* *Spannpratze* | Anahtar *Allen Key* *Innensechskantschlüssel* |
| | R | L | HF=H | B | LF | WF | | | | | | | | | |
| **PDJNR/L 2020 K15-H** | ● | ● | 20 | 20 | 125 | 25 | **DN.. 1506..** | APL-03 | ALV-03-M8x19 | AADN-3-0001 | AAY-02 | AXR-01<br>AOR-01 | 2705-G1/8x5.5 | AN-01 | AAL-03-3 |
| **PDJNR/L 2525 M15-H** | ● | ● | 25 | 25 | 150 | 32 | | | | | | | | | |
| **PDJNR/L 3232 P15-H** | ● | ○ | 32 | 32 | 170 | 40 | | | | | | | | | |

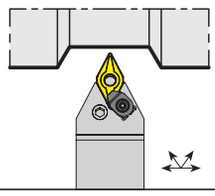
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
VDI tutucu ile uyumludur. / Compatible with VDI holders. / Kompatibel mit VDI Werkzeughalter.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück PDJNR 1616 H11

**KAPR=62.5°**

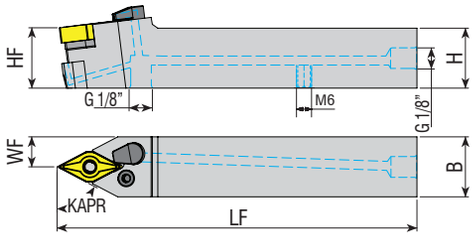



**PDNNN**

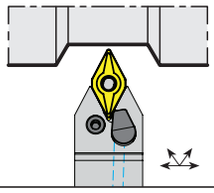


| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* | | | | Kesici Uç / *Insert* / *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | HF=H | B | LF | WF | | Levye / *Lever* / *Kniehebel* | Levye Vidası / *Lever Screw* / *Kniehebelschraube* | Altlık / *Shim* / *Unterlage* | Altlık Yayı / *Shim Spring* / *Feder für Unterlage* | Baskı Parçası / *Wedge Clamp* / *Spannpratze* | Baskı Vidası / *Clamp Screw* / *Klemmschraube* | Anahtar / *Allen Key* / Innensechskantschlüssel |
| **PDNNN 1616 H11** | ● | 16 | 16 | 100 | 8 | **DN.. 1104..** | APL-01 | ALV-02-M6x17 | AADN-SD317 | AAY-01 | - | - | AAL-02-2.5 |
| **PDNNN 2020 K11** | ● | 20 | 20 | 125 | 10 | | | | | | | | |
| **PDNNN 2525 M11** | ● | 25 | 25 | 150 | 12.5 | | | | | | | | |
| **PDNNN 2020 K15C** | ● | 20 | 20 | 125 | 10 | **DN.. 1506..** | APL-03 | ALV-03-M8x19 | AADN-3-0001 | AAY-02 | ACK-05 | 4015-M4x11 | AAL-03-3 |
| **PDNNN 2525 M15C** | ● | 25 | 25 | 150 | 12.5 | | | | | | | | |
| **PDNNN 3232 P15C** | ● | 32 | 32 | 170 | 16 | | | | | | | | |

**KAPR=62.5°**




**PDNNN**

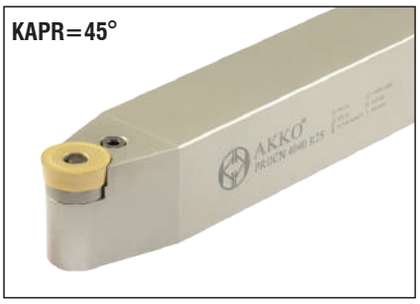


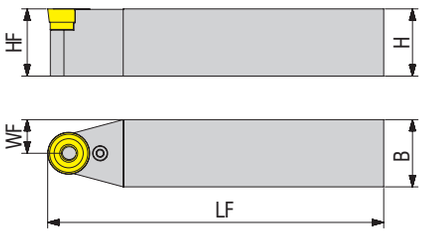
| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* | | | | Kesici Uç / *Insert* / *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | HF=H | B | LF | WF | | Levye / *Lever* / *Kniehebel* | Levye Vidası / *Lever Screw* / *Kniehebelschraube* | Altlık / *Shim* / *Unterlage* | Altlık Yayı / *Shim Spring* / *Feder für Unterlage* | Oring / *Ring* / *Feder* | Sızdırmaz Vida / *Threaded Pin* / *Gewindestift* | Nozul / *Spannpratze* / *Nozzle Düse* | Anahtar / *Allen Key* / Innensechskantschlüssel |
| **PDNNN 2525 M15-H** | ● | 25 | 25 | 150 | 12.5 | **DN.. 1506..** | APL-03 | ALV-03-M8x19 | AADN-3-0001 | AAY-02 | AXR-01<br>AOR-01 | 2705-G1/8x5.5 | AN-01 | AAL-03-3 |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock /*Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
VDI tutucu ile uyumludur. / Compatible with VDI holders. / Kompatibel mit VDI Werkzeughalter.

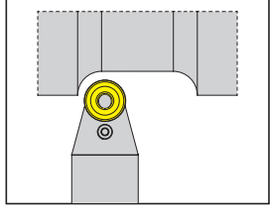
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück PDNNN 1616 H11

**KAPR=45°**



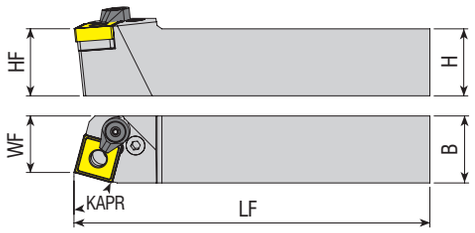



**PRDCN**

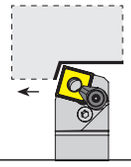


| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | HF=H | B | LF | WF | | Levye *Lever* *Kniehebel* | Levye Vidası *Lever Screw* *Kniehebelschraube* | Altlık *Shim* *Unterlage* | Altlık Yayı *Shim Spring* *Feder für Unterlage* | Anahtar *Allen Key* Innensechskantschlüssel |
| **PRDCN 4040 R25** | ● | 40 | 40 | 200 | 20 | **RCM. 250700** | APL-12 | ALV-05-M10x27 | AARN-1-0002 | AAY-04 | AAL-05-4 |
| **PRDCN 5050 T32** | ● | 50 | 50 | 300 | 25 | **RCM. 320905** | APL-13 | ALV-06-M12x36 | AARN-1-0001 | AAY-05 | AAL-07-5 |

**KAPR=75°**




**PSBNR**

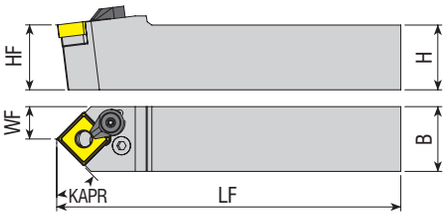


| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | HF=H | B | LF | WF | | Levye *Lever* *Kniehebel* | Levye Vidası *Lever Screw* *Kniehebelschraube* | Altlık *Shim* *Unterlage* | Altlık Yayı *Shim Spring* *Feder für Unterlage* | Baskı Parçası *Wedge Clamp* *Spannpratze* | Baskı Vidası *Clamp Screw* *Klemmschraube* | Anahtar *Allen Key* Innensechskantschlüssel |
| **PSBNR/L 1616 H09** | ● | ● | 16 | 16 | 100 | 13 | **SN.. 0903..** | APL-01 | ALV-02-M6x17 | AASN-2-0002 | AAY-01 | - | - | AAL-02-2.5 |
| **PSBNR/L 2020 K09** | ○ | ○ | 20 | 20 | 125 | 17 | | | | | | | | |
| **PSBNR/L 2020 K12** | ● | ● | 20 | 20 | 125 | 17 | **SN.. 1204..** | APL-02 | ALV-03-M8x19 | AASN-3-0004 | AAY-02 | - | - | AAL-03-3 |
| **PSBNR/L 2525 M12C** | ● | ● | 25 | 25 | 150 | 22 | | | | | | ACK-05 | 4015-M4x11 | |
| **PSBNR/L 3232 P12C** | ● | ● | 32 | 32 | 170 | 27 | | | | | | | | |
| **PSBNR/L 2525 M15** | ● | ● | 25 | 25 | 150 | 22 | **SN.. 1506..** | APL-04 | ALV-04-M8x22 | AASN-3-0023 | AAY-03 | - | - | |
| **PSBNR/L 3232 P15C** | ● | ● | 32 | 32 | 170 | 27 | | | | | | | | |
| **PSBNR/L 3232 P19C** | ● | ● | 32 | 32 | 170 | 27 | **SN.. 1906..** | APL-05 | ALV-05-M10x27 | AASN-3-0005 | AAY-04 | ACK-09 | AAV-05-M6x15 | AAL-05-4 |
| **PSBNR/L 4040 S19C** | ● | ● | 40 | 40 | 250 | 35 | | | | | | | | |
| **PSBNR/L 5050 S19C** | ● | ● | 50 | 50 | 250 | 45 | | | | | | | | |
| **PSBNR/L 4040 S25C** | ● | ● | 40 | 40 | 250 | 35 | **SN.. 2509..** | APL-06 | ALV-06-M12x36 | AASN-3-0020 | AAY-05 | ACK-04 | AKV-16-M6x16 | AAL-07-5 |
| **PSBNR/L 5050 S25C** | ● | ○ | 50 | 50 | 250 | 43 | | | | | | | | |
| **PSBNR/L 5050 S2507C** | ● | ● | 50 | 50 | 250 | 43 | **SN.. 2507..** | | | AASN-3-0005 | | | | |

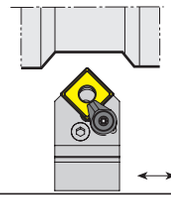
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock /*Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück PRDCN 4040 R25

**KAPR=45°**

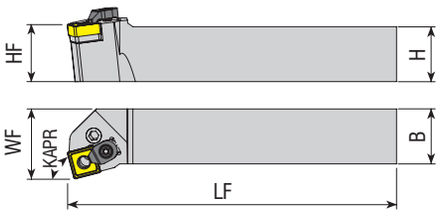



**PSDNN**

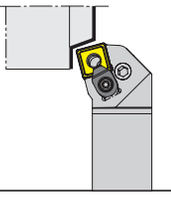


| Takım Kodu / Ordering Code / Bestell-Bezeichnung | Stok / Stock / Lager | Takım Ölçüleri (mm) / Dimension (mm) / Abmessung (mm) | | | | Kesici Uç / Insert / Wendeschneidplatte | Yedek Parçaları / Spare Parts / Ersatzteile | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | HF=H | B | LF | WF | | Levye / Lever / Kniehebel | Levye Vidası / Lever Screw / Kniehebelschraube | Altlık / Shim / Unterlage | Altlık Yayı / Shim Spring / Feder für Unterlage | Baskı Parçası / Wedge Clamp / Spannpratze | Baskı Vidası / Clamp Screw / Klemmschraube | Anahtar / Allen Key / Innensechskantschlüssel |
| **PSDNN 1616 H09** | ● | 16 | 16 | 100 | 8 | **SN.. 0903..** | APL-01 | ALV-02-M6x17 | AASN-2-0002 | AAY-01 | - | - | AAL-02-2.5 |
| **PSDNN 2020 K12C** | ● | 20 | 20 | 125 | 10 | **SN.. 1204..** | APL-02 | ALV-03-M8x19 | AASN-3-0004 | AAY-02 | ACK-05 | 4015-M4x11 | AAL-03-3 |
| **PSDNN 2525 M12C** | ● | 25 | 25 | 150 | 12.5 | | | | | | | | |
| **PSDNN 3232 P12C** | ● | 32 | 32 | 170 | 16 | | | | | | | | |
| **PSDNN 2020 K15** | ● | 20 | 20 | 125 | 10 | **SN.. 1506..** | APL-04 | ALV-04-M8x22 | AASN-3-0023 | AAY-03 | - | - | |
| **PSDNN 2525 M15C** | ● | 25 | 25 | 150 | 12.5 | | | | | | | | |
| **PSDNN 3232 P19C** | ● | 32 | 32 | 170 | 16 | **SN.. 1906..** | APL-05 | ALV-05-M10x27 | AASN-3-0005 | AAY-04 | ACK-09 | AAV-05-M6x15 | AAL-05-4 |
| **PSDNN 4040 S19C** | ○ | 40 | 40 | 250 | 20 | | | | | | | | |
| **PSDNN 5050 S19C** | ○ | 50 | 50 | 250 | 25 | | | | | | | | |
| **PSDNN 4040 S25C** | ● | 40 | 40 | 250 | 20 | **SN.. 2509..** | APL-06 | ALV-06-M12x36 | AASN-3-0020 | AAY-05 | ACK-04 | AKV-16-M6x16 | AAL-07-5 |
| **PSDNN 5050 S25C** | ○ | 50 | 50 | 250 | 25 | | | | | | | | |

**KAPR=75°**




**PSKNR**

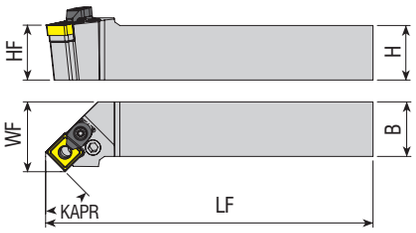


| Takım Kodu / Ordering Code / Bestell-Bezeichnung | Stok / Stock / Lager | | Takım Ölçüleri (mm) / Dimension (mm) / Abmessung (mm) | | | | Kesici Uç / Insert / Wendeschneidplatte | Yedek Parçaları / Spare Parts / Ersatzteile | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | HF=H | B | LF | WF | | Levye / Lever / Kniehebel | Levye Vidası / Lever Screw / Kniehebelschraube | Altlık / Shim / Unterlage | Altlık Yayı / Shim Spring / Feder für Unterlage | Baskı Parçası / Wedge Clamp / Spannpratze | Baskı Vidası / Clamp Screw / Klemmschraube | Anahtar / Allen Key / Innensechskantschlüssel |
| **PSKNR/L 2020 K09** | ● | ○ | 20 | 20 | 125 | 25 | **SN.. 0903..** | APL-01 | ALV-02-M6x17 | AASN-2-0002 | AAY-01 | - | - | AAL-02-2.5 |
| **PSKNR/L 2020 K12C** | ● | ● | 20 | 20 | 125 | 25 | **SN.. 1204..** | APL-02 | ALV-03-M8x19 | AASN-3-0004 | AAY-02 | ACK-05 | 4015-M4x11 | AAL-03-3 |
| **PSKNR/L 2525 M12C** | ● | ● | 25 | 25 | 150 | 32 | | | | | | | | |
| **PSKNR/L 3232 P12C** | ● | ● | 32 | 32 | 170 | 40 | | | | | | | | |
| **PSKNR/L 2525 M15C** | ● | ● | 25 | 25 | 150 | 32 | **SN.. 1506..** | APL-04 | ALV-04-M8x22 | AASN-3-0023 | AAY-03 | | | |
| **PSKNR/L 3232 P15C** | ● | ● | 32 | 32 | 170 | 40 | | | | | | | | |
| **PSKNR/L 3232 P19C** | ● | ● | 32 | 32 | 170 | 40 | **SN.. 1906..** | APL-05 | ALV-05-M10x27 | AASN-3-0005 | AAY-04 | ACK-09 | AAV-05-M6x15 | AAL-05-4 |
| **PSKNR/L 4040 S19C** | ● | ● | 40 | 40 | 250 | 50 | | | | | | | | |
| **PSKNR/L 4040 S25C** | ● | ● | 40 | 40 | 250 | 50 | **SN.. 2509..** | APL-06 | ALV-06-M12x36 | AASN-3-0020 | AAY-05 | ACK-04 | AKV-16-M6x16 | AAL-07-5 |
| **PSKNR/L 5050 S25C** | ● | ○ | 50 | 50 | 250 | 60 | | | | | | | | |

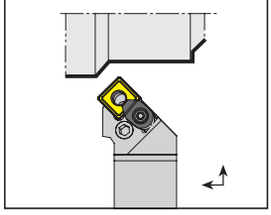
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock /*Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück PSDNN 1616 H09

**KAPR=45°**

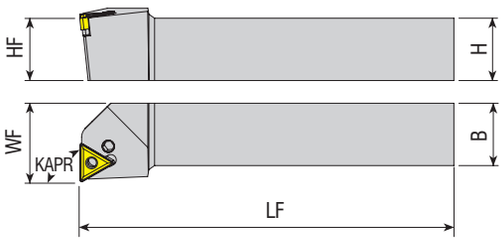



**PSSNR**

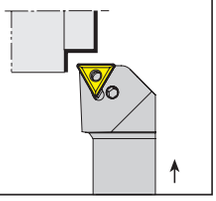


| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Levye *Lever* *Kniehebel* | Levye Vidası *Lever Screw* *Kniehebelschraube* | Altlık *Shim* *Unterlage* | Altlık Yayı *Shim Spring* *Feder für Unterlage* | Baskı Parçası *Wedge Clamp* *Spannpratze* | Baskı Vidası *Clamp Screw* *Klemmschraube* | Anahtar *Allen Key* *Innensechskantschlüssel* |
| | R | L | HF=H | B | LF | WF | | | | | | | | |
| **PSSNR/L 1616 H09** | ● | ● | 16 | 16 | 100 | 20 | **SN.. 0903..** | APL-01 | ALV-02-M6x17 | AASN-2-0002 | AAY-01 | - | - | AAL-02-2.5 |
| **PSSNR/L 2020 K09** | ● | ○ | 20 | 20 | 125 | 25 | | | | | | | | |
| **PSSNR/L 2020 K12C** | ● | ● | 20 | 20 | 125 | 25 | **SN.. 1204..** | APL-02 | ALV-03-M8x19 | AASN-3-0004 | AAY-02 | ACK-05 | 4015-M4x11 | AAL-03-3 |
| **PSSNR/L 2525 M12C** | ● | ● | 25 | 25 | 150 | 32 | | | | | | | | |
| **PSSNR/L 3232 P12C** | ● | ● | 32 | 32 | 170 | 40 | | | | | | | | |
| **PSSNR/L 3232 P15C** | ● | ○ | 32 | 32 | 170 | 40 | **SN.. 1506..** | APL-04 | ALV-04-M8x22 | AASN-3-0023 | AAY-03 | | | |
| **PSSNR/L 3232 P19C** | ● | ● | 32 | 32 | 170 | 40 | **SN.. 1906..** | APL-05 | ALV-05-M10x27 | AASN-3-0005 | AAY-04 | ACK-09 | AAV-05-M6x15 | AAL-05-4 |
| **PSSNR/L 4040 S19C** | ● | ● | 40 | 40 | 250 | 50 | | | | | | | | |
| **PSSNR/L 4040 S25C** | ● | ● | 40 | 40 | 250 | 50 | **SN.. 2509..** | APL-06 | ALV-06-M12x36 | AASN-3-0020 | AAY-05 | ACK-04 | AKV-16-M6x16 | AAL-07-5 |

**KAPR=90°**




**PTFNR**

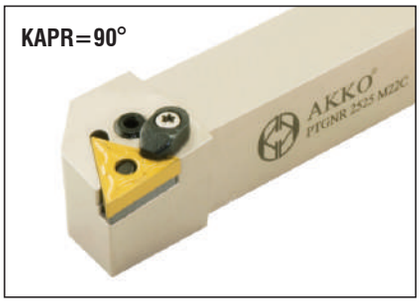


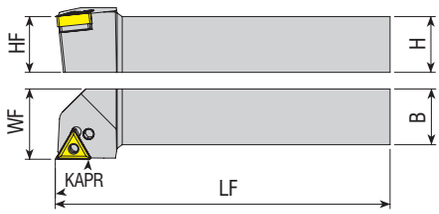
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Levye *Lever* *Kniehebel* | Levye Vidası *Lever Screw* *Kniehebelschraube* | Altlık *Shim* *Unterlage* | Altlık Yayı *Shim Spring* *Feder für Unterlage* | Baskı Parçası *Wedge Clamp* *Spannpratze* | Baskı Vidası *Clamp Screw* *Klemmschraube* | Anahtar *Allen Key* *Innensechskantschlüssel* |
| | R | L | HF=H | B | LF | WF | | | | | | | | |
| **PTFNR/L 1616 H16** | ● | ● | 16 | 16 | 100 | 20 | **TN.. 1604..** | APL-01 | ALV-02-M6x17 | AATN-3-0025 | AAY-01 | - | - | AAL-02-2.5 |
| **PTFNR/L 2020 K16** | ● | ● | 20 | 20 | 125 | 25 | | | | | | | | |
| **PTFNR/L 2525 M16** | ● | ● | 25 | 25 | 150 | 32 | | | | | | | | |
| **PTFNR/L 3232 P16** | ● | ● | 32 | 32 | 170 | 40 | | | | | | | | |
| **PTFNR/L 2525 M22C** | ● | ● | 25 | 25 | 150 | 32 | **TN.. 2204...** | APL-02 | ALV-03-M8x19 | AATN-3-0015 | AAY-02 | ACK-05 | 4015-M4x11 | AAL-03-3 |
| **PTFNR/L 3232 P22C** | ● | ● | 32 | 32 | 170 | 40 | | | | | | | | |
| **PTFNR/L 4040 S27C** | ○ | ○ | 40 | 40 | 250 | 50 | **TN.. 2706..** | APL-04 | ALV-04-M8x22 | AATN-3-0027 | AAY-03 | ACK-09 | AAV-05-M6x15 | AAL-03-3 |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

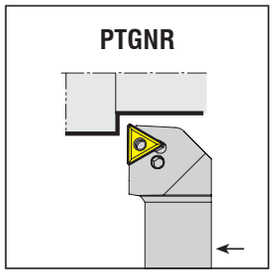
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück PSSNR 1616 H09

**KAPR=90°**



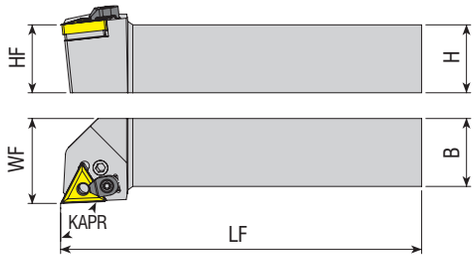




**PTGNR**

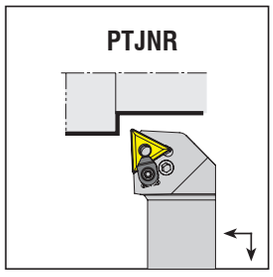


| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* R | L | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H | B | LF | WF | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Levye *Lever* *Kniehebel* | Levye Vidası *Lever Screw* *Kniehebelschraube* | Altlık *Shim* *Unterlage* | Altlık Yayı *Shim Spring* *Feder für Unterlage* | Baskı Parçası *Wedge Clamp* *Spannpratze* | Baskı Vidası *Clamp Screw* *Klemmschraube* | Anahtar *Allen Key* Innensechskantschlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PTGNR/L 1010 E11** | ○ | ○ | 10 | 10 | 70 | 12 | **TN.. 1103..** | APL-11 | ALV-10-M5X10 | - | - | - | - | AAL-13-2.5 |
| **PTGNR/L1212 F11** | ○ | ○ | 12 | 12 | 80 | 16 | | | | | | | | |
| **PTGNR/L1616 H11** | ○ | ○ | 16 | 16 | 100 | 20 | | | | | | | | |
| **PTGNR/L1616 H16** | ● | ● | 16 | 16 | 100 | 20 | **TN.. 1604..** | APL-01 | ALV-02-M6x17 | AATN-3-0025 | AAY-01 | - | - | AAL-02-2.5 |
| **PTGNR/L2020 K16** | ● | ● | 20 | 20 | 125 | 25 | | | | | | | | |
| **PTGNR/L2525 M16** | ● | ● | 25 | 25 | 150 | 32 | | | | | | | | |
| **PTGNR/L3232 P16** | ○ | ○ | 32 | 32 | 170 | 40 | | | | | | | | |
| **PTGNR/L2525 M22C** | ● | ● | 25 | 25 | 150 | 32 | **TN.. 2204...** | APL-02 | ALV-03-M8x19 | AATN-3-0015 | AAY-02 | ACK-05 | 4015-M4x11 | AAL-03-3 |
| **PTGNR/L3232 P22C** | ● | ● | 32 | 32 | 170 | 40 | | | | | | | | |
| **PTGNR/L4040 S27C** | ○ | ○ | 40 | 40 | 250 | 50 | **TN.. 2706..** | APL-04 | ALV-04-M8x22 | AATN-3-0027 | AAY-03 | ACK-09 | AAV-05-M6x15 | AAL-03-3 |

**KAPR=93°**




**PTJNR**

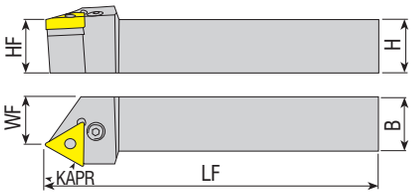


| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* R | L | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H | B | LF | WF | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Levye *Lever* *Kniehebel* | Levye Vidası *Lever Screw* *Kniehebelschraube* | Altlık *Shim* *Unterlage* | Altlık Yayı *Shim Spring* *Feder für Unterlage* | Baskı Parçası *Wedge Clamp* *Spannpratze* | Baskı Vidası *Clamp Screw* *Klemmschraube* | Anahtar *Allen Key* Innensechskantschlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PTJNR/L 1010 E11** | ○ | ○ | 10 | 10 | 70 | 12 | **TN.. 1103..** | APL-11 | ALV-10-M5X10 | - | - | - | - | AAL-13-2.5 |
| **PTJNR/L 1212 F11** | ○ | ○ | 12 | 12 | 80 | 16 | | | | | | | | |
| **PTJNR/L 1616 H11** | ○ | ○ | 16 | 16 | 100 | 20 | | | | | | | | |
| **PTJNR/L 1616 H16** | ● | ● | 16 | 16 | 100 | 20 | **TN.. 1604..** | APL-01 | ALV-02-M6x17 | AATN-3-0025 | AAY-01 | - | - | AAL-02-2.5 |
| **PTJNR/L 2020 K16** | ● | ● | 20 | 20 | 125 | 25 | | | | | | | | |
| **PTJNR/L 2525 M16** | ● | ● | 25 | 25 | 150 | 32 | | | | | | | | |
| **PTJNR/L 3232 P16** | ● | ● | 32 | 32 | 170 | 40 | | | | | | | | |
| **PTJNR/L 2525 M22C** | ● | ● | 25 | 25 | 150 | 32 | **TN.. 2204...** | APL-02 | ALV-03-M8x19 | AATN-3-0015 | AAY-02 | ACK-05 | 4015-M4x11 | AAL-03-3 |
| **PTJNR/L 3232 P22C** | ● | ● | 32 | 32 | 170 | 40 | | | | | | | | |
| **PTJNR/L 4040 S27C** | ● | ○ | 40 | 40 | 250 | 50 | **TN.. 2706..** | APL-04 | ALV-04-M8x22 | AATN-3-0027 | AAY-03 | ACK-09 | AAV-05-M6x15 | AAL-03-3 |

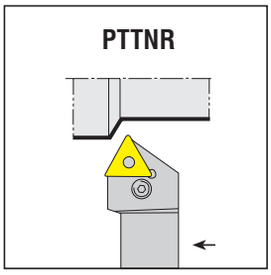
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock /*Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück PTGNR 1010 E11

**KAPR=60°**

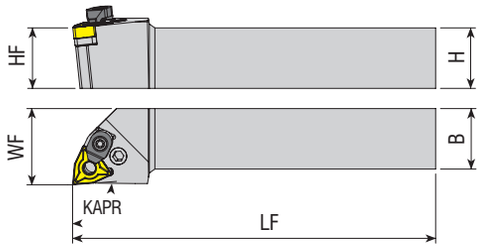



**PTTNR**

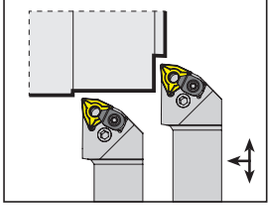


| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* | | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* | | | | Kesici Uç / *Insert* / *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Levye / *Lever* / *Kniehebel* | Levye Vidası / *Lever Screw* / *Kniehebelschraube* | Altlık / *Shim* / *Unterlage* | Altlık Yayı / *Shim Spring* / *Feder für Unterlage* | Baskı Parçası / *Wedge Clamp* / *Spannpratze* | Baskı Vidası / *Clamp Screw* / *Klemmschraube* | Anahtar / *Allen Key* / Innensechskantschlüssel |
| | R | L | HF=H | B | LF | WF | | | | | | | | |
| **PTTNR/L 1616 H16** | ● | ● | 16 | 16 | 100 | 13 | **TN.. 1604..** | APL-01 | ALV-02-M6x17 | AATN-3-0025 | AAY-01 | - | - | AAL-02-2.5 |
| **PTTNR/L 2020 K16** | ● | ● | 20 | 20 | 125 | 17 | | | | | | | | |
| **PTTNR/L 2525 M16** | ● | ● | 25 | 25 | 150 | 21.5 | | | | | | | | |
| **PTTNR/L 3232 P16** | ● | ● | 32 | 32 | 170 | 31 | | | | | | | | |
| **PTTNR/L 2525 M22C** | ● | ● | 25 | 25 | 150 | 20.5 | **TN.. 2204...** | APL-02 | ALV-03-M8x19 | AATN-3-0015 | AAY-02 | ACK-05 | 4015-M4x11 | AAL-03-3 |
| **PTTNR/L 3232 P22C** | ● | ● | 32 | 32 | 170 | 29 | | | | | | | | |

**KAPR=95°**




**PWLNR**

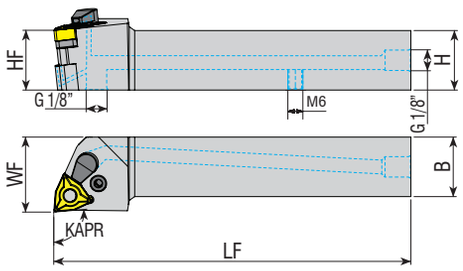


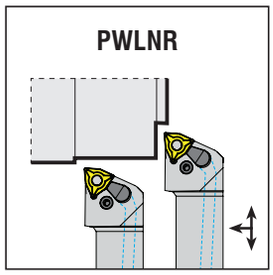
| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* | | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* | | | | Kesici Uç / *Insert* / *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Levye / *Lever* / *Kniehebel* | Levye Vidası / *Lever Screw* / *Kniehebelschraube* | Altlık / *Shim* / *Unterlage* | Altlık Yayı / *Shim Spring* / *Feder für Unterlage* | Baskı Parçası / *Wedge Clamp* / *Spannpratze* | Baskı Vidası / *Clamp Screw* / *Klemmschraube* | Anahtar / *Allen Key* / Innensechskantschlüssel |
| | R | L | HF=H | B | LF | WF | | | | | | | | |
| **PWLNR/L 1616 H06** | ● | ● | 16 | 16 | 100 | 20 | **WN.. 0604..** | APL-01 | ALV-02-M6x17 | AAWN-SW317 | AAY-01 | - | - | AAL-02-2.5 |
| **PWLNR/L 2020 K06** | ● | ● | 20 | 20 | 125 | 25 | | | | | | | | |
| **PWLNR/L 2525 M06** | ● | ● | 25 | 25 | 150 | 32 | | | | | | | | |
| **PWLNR/L 3232 P06** | ○ | ○ | 32 | 32 | 170 | 40 | | | | | | | | |
| **PWLNR/L 1616 H08** | ● | ● | 16 | 16 | 100 | 20 | **WN.. 0804..** | APL-02 | ALV-03-M8x19 | AAWN-3-0001 | AAY-02 | ACK-05 | 4015-M4x11 | AAL-03-3 |
| **PWLNR/L 2020 K08C** | ● | ● | 20 | 20 | 125 | 25 | | | | | | | | |
| **PWLNR/L 2525 M08C** | ● | ● | 25 | 25 | 150 | 32 | | | | | | | | |
| **PWLNR/L 3232 P08C** | ● | ● | 32 | 32 | 170 | 40 | | | | | | | | |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück PTTNR 1616 H16

**KAPR=95°**



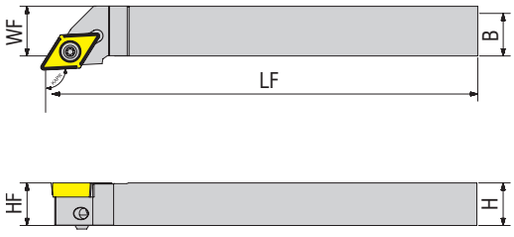



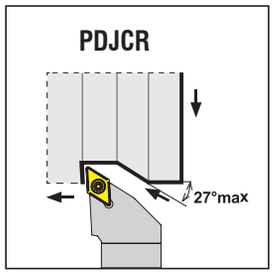

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | HF=H | B | LF | WF | | Levye *Lever* *Kniehebel* | Levye Vidası *Lever Screw* *Kniehebelschraube* | Altlık *Shim* *Unterlage* | Altlık Yayı *Shim Spring* *Feder für Unterlage* | Oring *Ring* *Feder* | Sızdırmaz Vida *Threaded Pin* *Gewindestift* | Nozul *Spannpratze* *Spannpratze COW* | Anahtar *Allen Key* *Innensechskantschlüssel* |
| **PWLNR/L 2020 K08-H** | ● | ● | 20 | 20 | 125 | 25 | **WN.. 0804..** | APL-02 | ALV-03-M8x19 | AAWN-3-0001 | AAY-02 | AXR-01<br>AOR-01 | 2705-G1/8x5.5 | AN-01 | AAL-03-3 |
| **PWLNR/L 2525 M08-H** | ● | ● | 25 | 25 | 150 | 32 | | | | | | | | | |

VDI tutucu ile uyumludur. / Compatible with VDI holders. / Kompatibel mit VDI Werkzeughalter.

## P-SİSTEM İSVİÇRE TİPİ KAYAR OTOMAT MAKİNA TAKIMLARI
*P-SYSTEM TOOLS FOR SWISS TYPE SLIDING AUTOMATIC LATHES*
*P-SYSTEM FÜR LANGDREHAUTOMATEN*

**KAPR=93°**

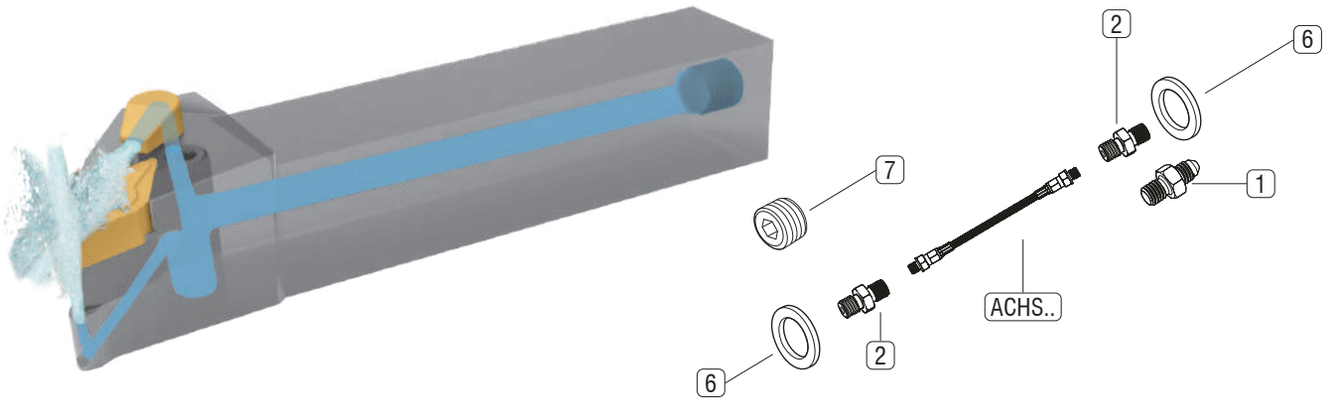



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | HF=H | B | LF | WF | | Levye *Lever* *Kniehebel* | Levye Vidası *Lever Screw* *Kniehebelschraube* | Altlık *Shim* *Unterlage* | Altlık Yayı *Shim Spring* *Feder für Unterlage* | Baskı Parçası *Wedge Clamp* *Spannpratze* | Baskı Vidası *Clamp Screw* *Klemmschraube* | Anahtar *Allen Key* *Innensechskantschlüssel* | |
| **PDJCR/L 1010 K11-S** | ● | ○ | 10 | 10 | 125 | 10 | **DC.. 11T3..** | APL-14<br>APL-15 | 2802-M4x8 | - | - | - | - | AAL-01-02 | |
| **PDJCR/L 1212 K11-S** | ● | ○ | 12 | 12 | 125 | 12 | | | | | | | | | |
| **PDJCR/L 1616 K11-S** | ● | ○ | 16 | 16 | 125 | 16 | | | | | | | | | |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
ISO Ucuna Uygundur. / Compatible with ISO Insert. / Под пластину ISO Wendeplatten.

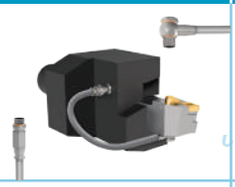
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück PWLNR 2020 K08-H




Not: İçten soğutmalı tüm torna katerlerinde kullanılabilecek 3 tip soğutma hortum setleri tasarlanmıştır. Takımların kullanılmasından önce, kullanılmayan bağlantıların set içindeki vida ile kapatılarak sızdırmazlığın sağlanmasına dikkat edilmelidir. Torna katerlerine yönelik soğutma hortum setleri, ACHS... 10 bar ile maksimum 150 bar basınç aralığında kullanılabilir.

Note: 3 types of cooling hose sets are designed that can be used in all internally cooled lathes. Before using the tools, care should be taken to ensure that the unused connections are closed with the screw in the set and that sealing is ensured. Cooling hose sets for lathe tools can be used in the pressure range of ACHS ... 10 bar to max 150 bar.

Notiz: Es wurden 3 Arten von Kühlschlauch-Sets entwickelt, die in allen intern gekühlten Drehmaschinen verwendet werden können. Vor der Verwendung der Werkzeuge sollte darauf geachtet werden, dass die nicht verwendeten Verbindungen mit der Schraube im Satz geschlossen werden und die Abdichtung gewährleistet ist. Kühlschlauchsätze für Drehmaschinen können im Druckbereich von ACHS ... 10 bar bis max. 150 bar eingesetzt werden.

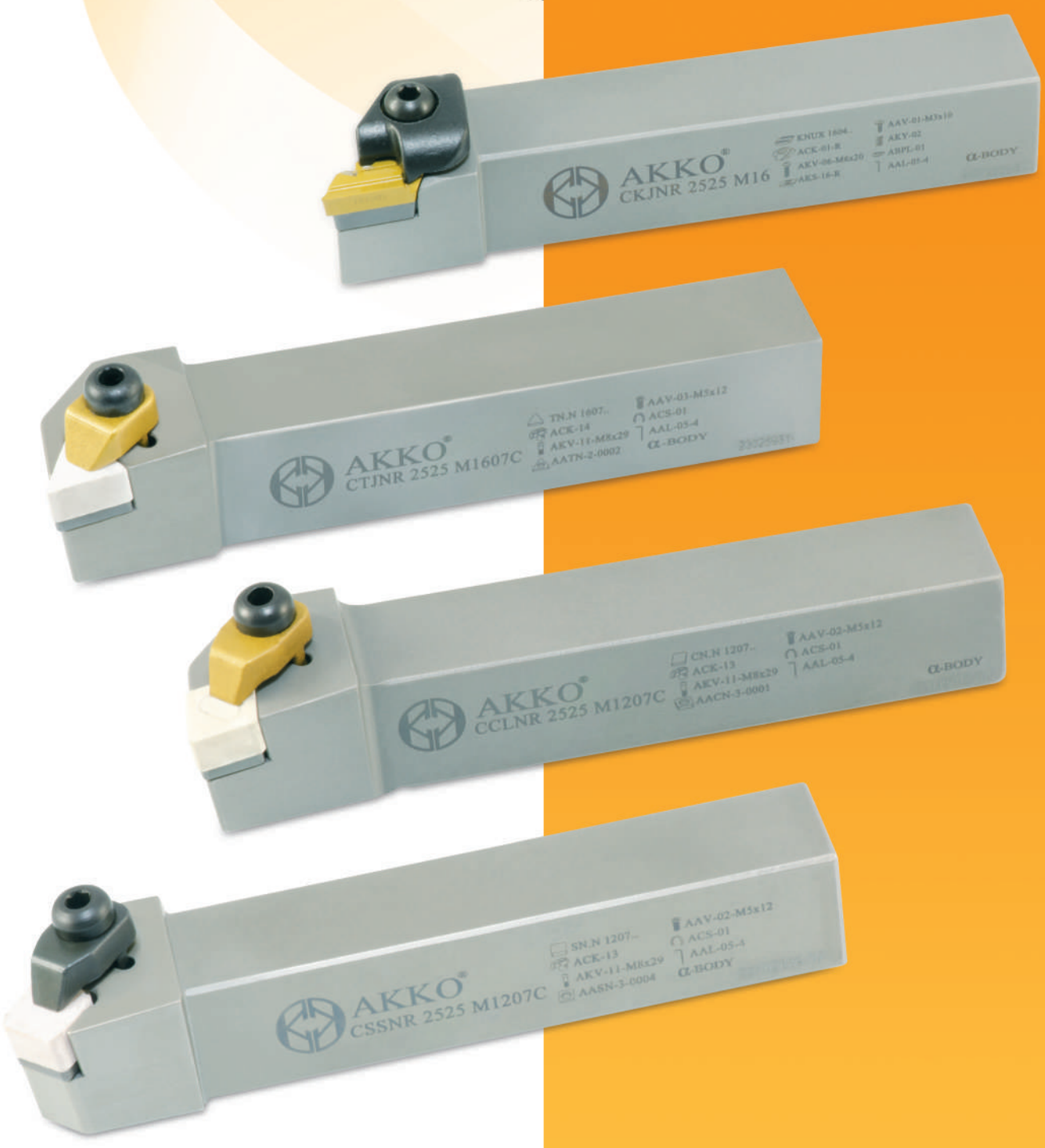
| **Set İçindeki Parçalar** *Parts In The Set* *Teile im Set* | | | | Uzunluk / *Length Code* / *Länge* | | |
|---|---|---|---|---|---|---|
| | | | | Set Kodu: *Set Code:* *Code Einstellen:* ACHS-1-250 | Set Kodu: *Set Code:* *Code Einstellen:* ACHS-2-250 | Set Kodu: *Set Code:* *Code Einstellen:* ACHS-3-250 |
| | | | | |  | |
| | Resim *Picture* *Bild* | Takım Kodu *Set Code* *Code Einstellen* | Ürün Açıklaması *Product Description* *Artikelbeschreibung* | | | |
| 1 | | AMP-01 | M10 Bağlantı Elemanı<br>M10 Fastener<br>M10 Verschluss | 1x | - | - |
| 2 | | AMP-02 | G 1/8" Çift Bağlantı Elemanı<br>G 1/8" Double Fastener<br>G 1/8" Doppelverschluss | 2x | 1x | - |
| 3 | | AMP-03 | G 1/8" Açılı Bağlantısı<br>G 1/8" Angle Connection<br>G 1/8" Winkelverbindung | - | 1x | 2x |
| 4 | | AMP-04 | M10" Açılı Bağlantısı<br>M10" Angle Connection<br>M10" Winkelverbindung | - | 1x | 1x |
| 5 | | AMP-05 | G1/4"-G1/8" Kılsalma Parçası<br>G1 / 4"-G1/8" Capillary Piece<br>G1 / 4"-G1/8" Kapillarstück | - | 1x | 1x |
| 6 | | AG-01 | Bakır Conta<br>Copper Gasket<br>Kupferdichtung | 2x | 3x | 4x |
| 7 | | 2705-G1/8-5.5 | G1/8" Sızdırmaz Civata<br>G1/8" Sealing Bolt<br>G1/8" Dichtungsschraube | 1x | 1x | 1x |
| 8 | | AH-1-250 | Hortum<br>Hose<br>Schlauch | 1x | - | - |
| 9 | | AH-2-250 | Hortum<br>Hose<br>Schlauch | - | 1x | - |
| 10 | | AH-3-250 | Hortum<br>Hose<br>Schlauch | - | - | 1x |

AKKO®

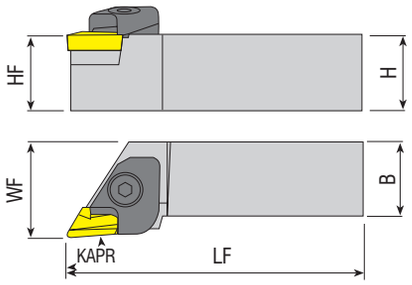
*konuşulan*
*the spoken kalite...*
*quality...*

# C-SİSTEM

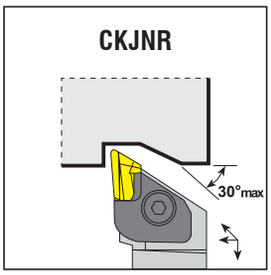
**C-SİSTEM DIŞ TORNA KATERLERİ**
*C-SYSTEM EXTERNAL TURNING TOOLHOLDERS*
*C-SYSTEM AUSSEN - DREHHALTER*



**KAPR=93°**

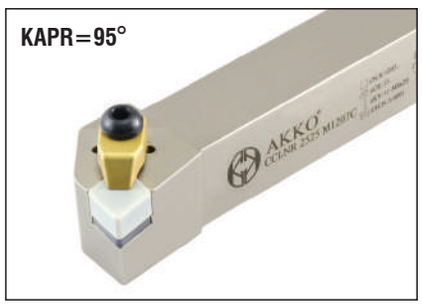


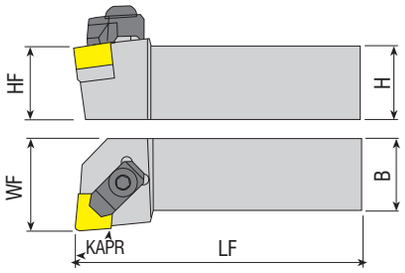

**CKJNR**



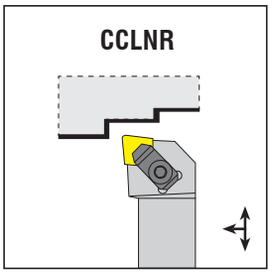

| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* | | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* | | | | Kesici Uç / *Insert* / *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | HF=H | B | LF | WF | | Baskı Pabucu / *Wedge Clamp* / *Spannpratze* | Pabuç Vidası / *Clamp Screw* / *Klemmschraube* | Altlık / *Shim* / *Unterlage* | Altlık Vidası / *Shim Screw* / *Schraube für Unterlage* | Yay / *Spring* / *Feder* | Pul / *Stamp* / *Ring* | Anahtar / *Allen Key* / Innensechskantschlüssel |
| **CKJNR/L 2020 K16** | ● | ● | 20 | 20 | 125 | 27.5 | **KNUX 1604..** | ACK-01-R<br>ACK-02-L | AKV-06-M6x20 | AKS-16-R<br>AKS-16-L | AAV-01-M3x10 | AKY-02 | ABPL-01 | AAL-05-4 |
| **CKJNR/L 2525 M16** | ● | ● | 25 | 25 | 150 | 31.5 | | | | | | | | |
| **CKJNR/L 3232 P16** | ● | ● | 32 | 32 | 170 | 40 | | | | | | | | |
| **CKJNR/L 4040 S16** | ● | ● | 40 | 40 | 250 | 50 | | | | | | | | |

**KAPR=95°**




**CCLNR**

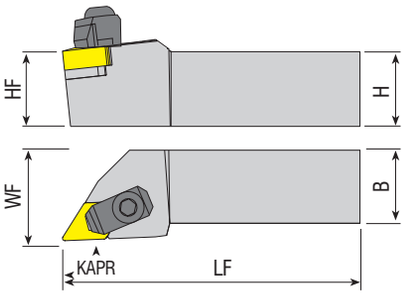


| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* | | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* | | | | Kesici Uç / *Insert* / *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | HF=H | B | LF | WF | | Baskı Pabucu / *Wedge Clamp* / *Spannpratze* | Pabuç Vidası / *Clamp Screw* / *Klemmschraube* | Altlık / *Shim* / *Unterlage* | Altlık Vidası / *Shim Screw* / *Schraube für Unterlage* | Segman / *Ring* / *Feder* | Anahtar / *Allen Key* / Innensechskantschlüssel | |
| **CCLNR/L 2525 M1207C** | ● | ● | 25 | 25 | 150 | 32 | **CN.. 1207..** | ACK-13 | AKV-11-M8x29 | AACN-3-0001 | AAV-02-M5x12 | ACS-01 | AAL-05-4 | |
| **CCLNR/L 3232 P1207C** | ● | ● | 32 | 32 | 170 | 40 | | | | | | | | |
| **CCLNR/L 2525 M1607C** | ● | ● | 25 | 25 | 150 | 32 | **CN.. 1607..** | ACK-13 | AKV-11-M8x29 | AACN-3-0002 | AAV-05-M6x15 | ACS-01 | AAL-05-4 | |

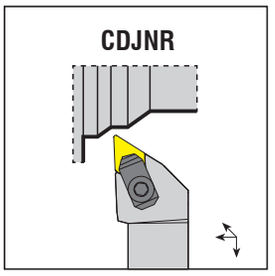
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock /*Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück CKJNR 2020 K16

**KAPR=93°**

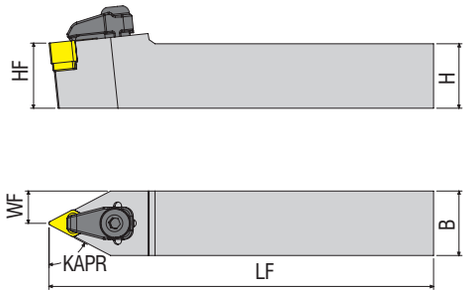



**CDJNR**



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Segman *Ring* *Feder* | Anahtar *Allen Key* Innensechskantschlüssel |
| | R | L | HF=H | B | LF | WF | | | | | | | |
| **CDJNR/L 2525 M1107C** | ● | ● | 25 | 25 | 150 | 32 | **DN.. 1107..** | ACK-22 | AKV-11-M8x29 | AADN-2-0001 | AAV-04-M5x12 | ACS-01 | AAL-05-4 |
| **CDJNR/L 2525 M1507C** | ● | ● | 25 | 25 | 150 | 32 | **DN.. 1507..** | ACK-13 | AKV-11-M8x29 | AADN-3-0001 | AAV-02-M5x12 | ACS-01 | AAL-05-4 |
| **CDJNR/L 3232 P1507C** | ● | ● | 32 | 32 | 170 | 40 | | | | | | | |

**KAPR=62.5°**

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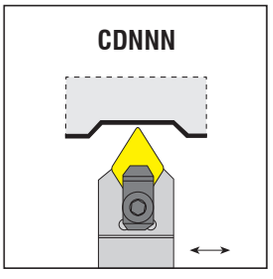
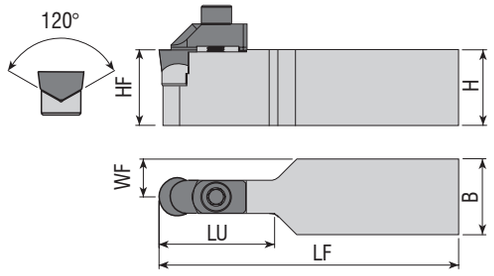
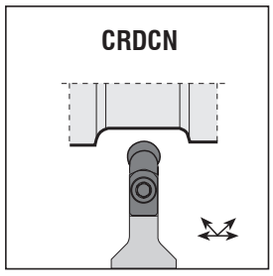


| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Segman *Ring* *Feder* | Anahtar *Allen Key* Innensechskantschlüssel |
| | | HF=H | B | LF | WF | | | | | | | |
| **CDNNN 2525 M1107C** | ● | 25 | 25 | 150 | 12.5 | **DN.. 1107..** | ACK-22 | AKV-11-M8x29 | AADN-2-0001 | AAV-04-M5x12 | ACS-01 | AAL-05-4 |

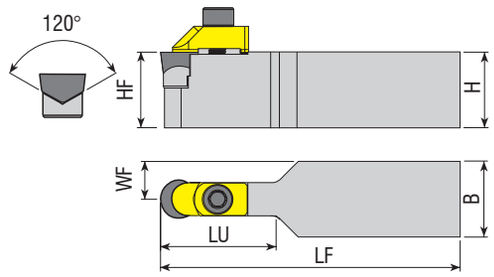
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

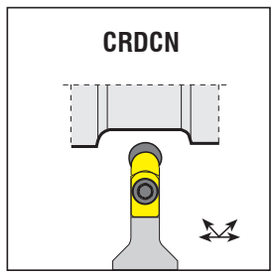
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück CDJNR 2525 M1107C




| Takım Kodu / Ordering Code / Bestell-Bezeichnung | Stok / Stock / Lager | Takım Ölçüleri (mm) / Dimension (mm) / Abmessung (mm) HF=H | B | LF | LU | WF | Kesici Uç / Insert / Wendeschneidplatte | Yedek Parçaları / Spare Parts / Ersatzteile: Baskı Pabucu / Wedge Clamp / Spannpratze | Pabuç Vidası / Clamp Screw / Klemmschraube | Altlık / Shim / Unterlage | Altlık Vidası / Shim Screw / Schraube für Unterlage | Anahtar / Allen Key / Innensechskantschlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CRDCN 2020 K06CV | ● | 20 | 20 | 125 | 19 | 10 | RCGX 0606.. | ACK-27 | 2525-M3X14 | AARC-3-0001 | 3007-M2.2x5 | AAL-02-2.5 |
| CRDCN 2525 M06CV | ● | 25 | 25 | 150 | 19 | 12.5 | | | | | | |
| CRDCN 3225 P06CV | ● | 32 | 25 | 170 | 19 | 12.5 | | | | | | |
| CRDCN 4040 S06CV | ● | 40 | 40 | 250 | 19 | 20 | | | | | | |
| CRDCN 2020 K09CV | ● | 20 | 20 | 125 | 29 | 10 | RCGX 0907.. | ACK-28 | 2504-M5X16 | AARC-3-0002 | 3008-M2.5x6 | AAL-05-4 |
| CRDCN 2525 M09CV | ● | 25 | 25 | 150 | 29 | 12.5 | | | | | | |
| CRDCN 3225 P09CV | ● | 32 | 25 | 170 | 29 | 12.5 | | | | | | |
| CRDCN 4040 S09CV | ● | 40 | 40 | 250 | 29 | 20 | | | | | | |
| CRDCN 2525 M12CV | ● | 25 | 25 | 150 | 38 | 12.5 | RCGX 1207.. | ACK-29 | 2505-M6X20 | AARC-3-0003 | 3008-M2.5x6 | AAL-07-5 |
| CRDCN 3225 P12CV | ● | 32 | 25 | 170 | 38 | 12.5 | | | | | | |
| CRDCN 4040 S12CV | ● | 40 | 40 | 250 | 38 | 20 | | | | | | |

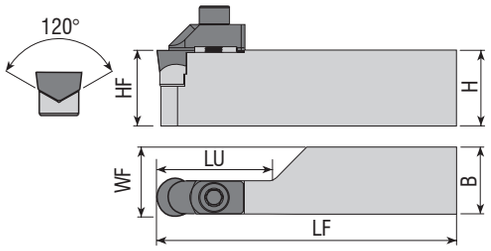


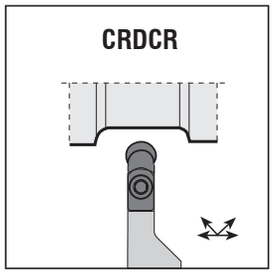




| Takım Kodu / Ordering Code / Bestell-Bezeichnung | Stok / Stock / Lager | Takım Ölçüleri (mm) / Dimension (mm) / Abmessung (mm) HF=H | B | LF | LU | WF | Kesici Uç / Insert / Wendeschneidplatte | Yedek Parçaları / Spare Parts / Ersatzteile: Baskı Pabucu / Wedge Clamp / Spannpratze | Pabuç Vidası / Clamp Screw / Klemmschraube | Altlık / Shim / Unterlage | Altlık Vidası / Shim Screw / Schraube für Unterlage | Anahtar / Allen Key / Innensechskantschlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CRDCN 3232 P06CVK | ● | 32 | 32 | 170 | 19 | 16 | RCGX 0606.. | ACK-42 | 2525-M3x12 | AARC-3-0005 | 2008-M2.5X12 | AAL-02-2.5 |
| CRDCN 4040 R06CVK | ● | 40 | 40 | 200 | 19 | 20 | | | | | | |
| CRDCN 3232 P09CVK | ● | 32 | 32 | 170 | 29 | 16 | RCGX 0907.. | ACK-43 | 2504-M5x14 | AARC-3-0006 | 4015-M3.5x14 | AAL-05-4 |
| CRDCN 4040 R09CVK | ● | 40 | 40 | 200 | 29 | 20 | | | | | | |
| CRDCN 3232 P12CVK | ● | 32 | 32 | 170 | 38 | 16 | RCGX 1207.. | ACK-44 | 2505-M6x16 | AARC-3-0007 | 1620-M5x18 | AAL-07-5 |
| CRDCN 4040 R12CVK | ● | 40 | 40 | 200 | 38 | 20 | | | | | | |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock /*Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

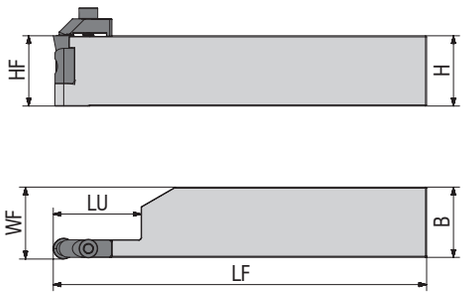
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück CRDCN 2020 K06CV




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Anahtar *Allen Key* Innensechskantschlüssel |
| | R | L | HF=H | B | LF | LU | WF | | | | | | |
| **CRDCR/L 3225 P06CV** | ● | ● | 32 | 25 | 170 | 19.4 | 25.6 | **RCGX 0606..** | ACK-27 | 2525-M3X14 | AARC-3-0001 | 3007-M2.2X4.6 | AAL-02-2.5 |
| **CRDCR/L 3225 P09CV** | ● | ● | 32 | 25 | 170 | 29 | 25.8 | **RCGX 0907..** | ACK-28 | 2504-M5X16 | AARC-3-0002 | 3008-M2.5x6 | AAL-05-4 |
| **CRDCR/L 3225 P12CV** | ● | ● | 32 | 25 | 170 | 38.5 | 25.9 | **RCGX 1207..** | ACK-29 | 2505-M6X20 | AARC-3-0003 | 3008-M2.5x6 | AAL-07-5 |

new

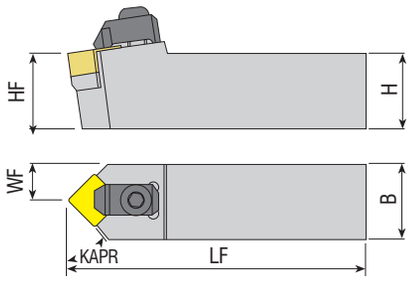



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Baskı Parçası *Wedge Clamp* *Spannpratze* | Baskı Vidası *Clamp Screw* *Klemmschraube* | Anahtar *Allen Key* Innensechskantschlüssel |
| | R | L | HF=H | B | LF | LU | WF | | | | | | |
| **CRDPR/L 3232 P0604CVK** | ● | ● | 32 | 32 | 170 | 30 | 32.55 | **RPGN 2V** | AARC-3-0005 | M2.5x10 | ACK-42 | 2525-M3x10 | AAL-02-2.5 |
| **CRDPR/L 3232 P09CVK** | ● | ● | 32 | 32 | 170 | 40 | 32.85 | **RPGN 3V** | AARC-3-0007 | 1620-M5x18 | ACK-44 | 2505-M6x16 | AAL-07-5 |
| **CRDPR/L 3232 P12CVK** | ● | ● | 32 | 32 | 170 | 40 | 32.76 | **RPGN 4V** | AARC-3-0006 | 4015-M3.5x14 | ACK-43 | 2504-M5x16 | AAL-05-4 |

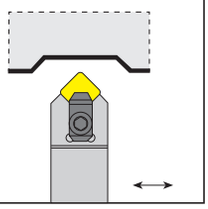
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück CRDCR 3225 P06CV

**KAPR=45°**

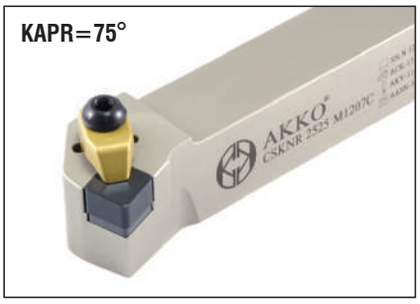


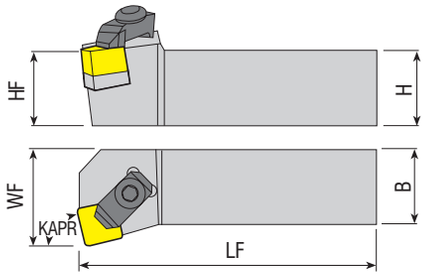

**CSDNN**



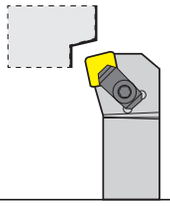
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | HF=H | B | LF | WF | | Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Segman *Ring* *Feder* | Anahtar *Allen Key* *Innensechskantschlüssel* |
| **CSDNN 2525 M1207C** | ● | 25 | 25 | 150 | 12.5 | **SN.. 1207..** | ACK-13 | AKV-11-M8x29 | AASN-3-0004 | AAV-02-M5x12 | ACS-01 | AAL-05-4 |
| **CSDNN 3232 P1207C** | ● | 32 | 32 | 170 | 16 | | | | | | | |

**KAPR=75°**




**CSKNR**

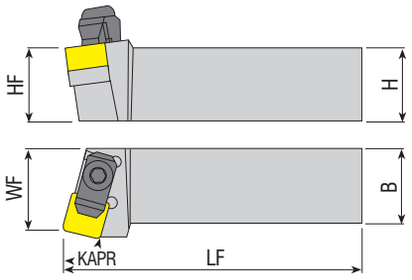


| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | HF=H | B | LF | WF | | Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Segman *Ring* *Feder* | Anahtar *Allen Key* *Innensechskantschlüssel* |
| **CSKNR/L 2525 M1207C** | ● | ● | 25 | 25 | 150 | 32 | **SN.. 1207..** | ACK-13 | AKV-11-M8x29 | AASN-3-0004 | AAV-02-M5x12 | ACS-01 | AAL-05-4 |
| **CSKNR/L 3232 P1207C** | ● | ● | 32 | 32 | 170 | 40 | | | | | | | |

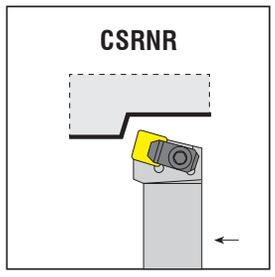
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück CSDNN 2525 M1207C

**KAPR=75°**

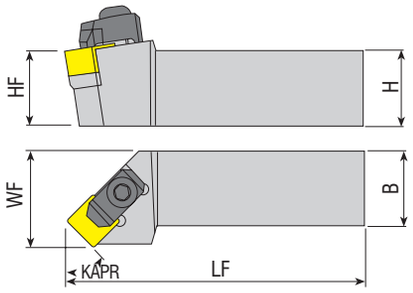



**CSRNR**

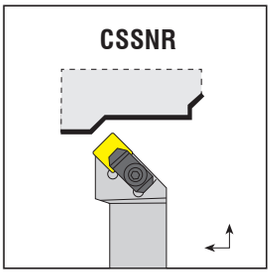


| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Segman *Ring* *Feder* | Anahtar *Allen Key* *Innensechskantschlüssel* |
| | R | L | HF=H | B | LF | WF | | | | | | | |
| **CSRNR/L 2525 M1207C** | ● | ● | 25 | 25 | 150 | 32 | **SN.. 1207..** | ACK-13 | AKV-11-M8x29 | AASN-3-0004 | AAV-02-M5x12 | ACS-01 | AAL-05-4 |
| **CSRNR/L 3232 P1207C** | ● | ● | 32 | 32 | 170 | 40 | | | | | | | |

**KAPR=45°**



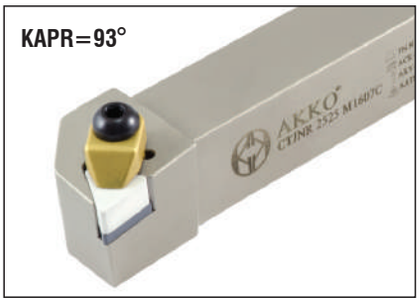

**CSSNR**

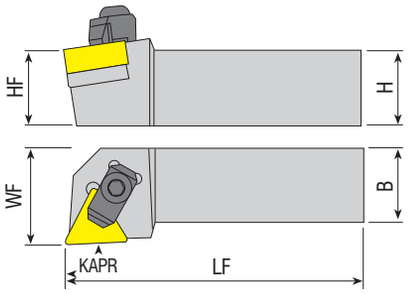


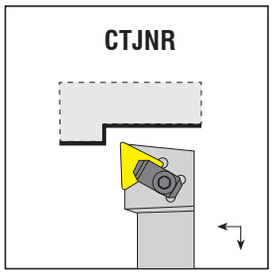
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Segman *Ring* *Feder* | Anahtar *Allen Key* *Innensechskantschlüssel* |
| | R | L | HF=H | B | LF | WF | | | | | | | |
| **CSSNR/L 2525 M1207C** | ● | ● | 25 | 25 | 150 | 32 | **SN.. 1207..** | ACK-13 | AKV-11-M8x29 | AASN-3-0004 | AAV-02-M5x12 | ACS-01 | AAL-05-4 |
| **CSSNR/L 3232 P1207C** | ● | ● | 32 | 32 | 170 | 40 | | | | | | | |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock /*Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück CSRNR 2525 M1207C



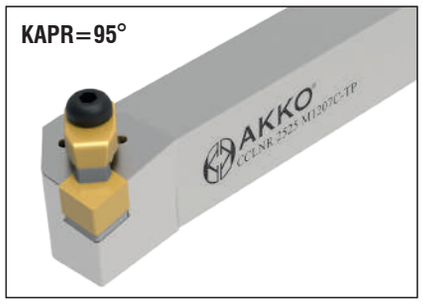



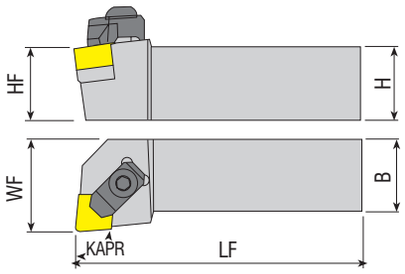

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Segman *Ring* *Feder* | Anahtar *Allen Key* Innensechskantschlüssel |
| | R | L | HF=H | B | LF | WF | | | | | | | |
| **CTJNR/L 2525 M1607C** | ● | ● | 25 | 25 | 150 | 32 | **TN.. 1607..** | ACK-14 | AKV-11-M8x29 | AATN-2-0002 | AAV-03-M5x12 | ACS-01 | AAL-05-4 |
| **CTJNR/L 3232 P1607C** | ○ | ○ | 32 | 32 | 170 | 40 | | | | | | | |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

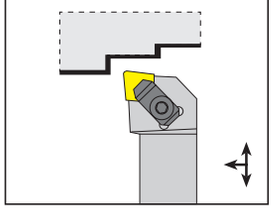
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück CTJNR 2525 M1607C

**KAPR=95°**



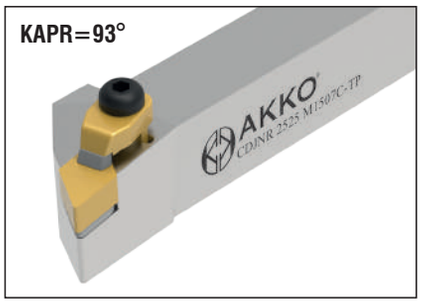



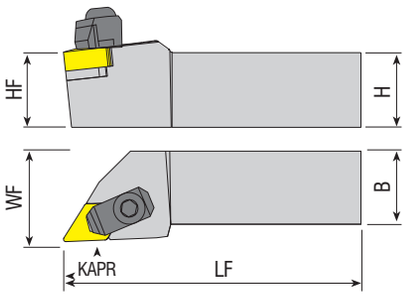

**CCLNR**



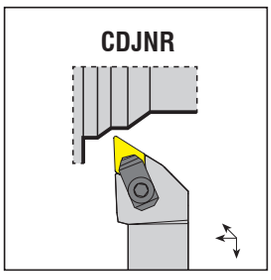
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Segman *Ring* *Feder* | Anahtar *Allen Key* *Innensechskantschlüssel* |
| | R | L | HF=H | B | LF | WF | | | | | | | |
| **CCLNR/L 2525 M1207TP** | ● | ● | 25 | 25 | 150 | 32 | **CN.. 1207..** | ACK-39 | AKV-11-M8x29 | AACN-3-0001 | AAV-02-M5x12 | ACS-01 | AAL-05-4 |
| **CCLNR/L 3232 P1207TP** | ● | ● | 32 | 32 | 170 | 40 | | | | | | | |
| **CCLNR/L 2525 M1607TP** | ● | ● | 25 | 25 | 150 | 32 | **CN.. 1607..** | | AKV-11-M8x29 | AACN-3-0002 | AAV-05-M6x15 | ACS-01 | AAL-05-4 |

**KAPR=93°**




**CDJNR**

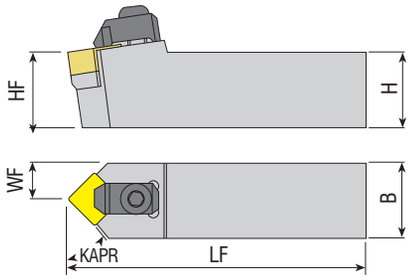


| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Segman *Ring* *Feder* | Anahtar *Allen Key* *Innensechskantschlüssel* |
| | R | L | HF=H | B | LF | WF | | | | | | | |
| **CDJNR/L 2525 M1507TP** | ● | ● | 25 | 25 | 150 | 32 | **DN.. 1507..** | ACK-39 | AKV-11-M8x29 | AADN-3-0001 | AAV-02-M5x12 | ACS-01 | AAL-05-4 |
| **CDJNR/L 3232 P1507TP** | ● | ● | 32 | 32 | 170 | 40 | | | | | | | |

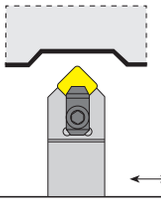
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück CCLNR 2525 M1207C-TP

**KAPR=45°**

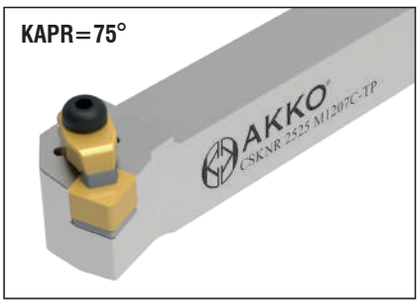


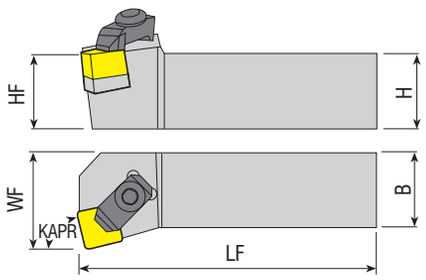

**CSDNN**



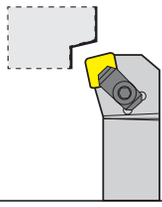
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | HF=H | B | LF | WF | | Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Segman *Ring* *Feder* | Anahtar *Allen Key* *Innensechskantschlüssel* |
| **CSDNN 2525 M1207TP** | ● | 25 | 25 | 150 | 12.5 | **SN.. 1207..** | ACK-39 | AKV-11-M8x29 | AASN-3-0004 | AAV-02-M5x12 | ACS-01 | AAL-05-4 |
| **CSDNN 3232 P1207TP** | ● | 32 | 32 | 170 | 16 | | | | | | | |

**KAPR=75°**




**CSKNR**

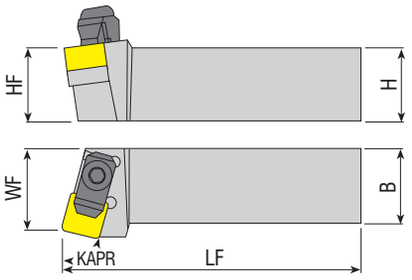


| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | HF=H | B | LF | WF | | Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Segman *Ring* *Feder* | Anahtar *Allen Key* *Innensechskantschlüssel* |
| **CSKNR/L 2525 M1207TP** | ● | ● | 25 | 25 | 150 | 32 | **SN.. 1207..** | ACK-39 | AKV-11-M8x29 | AASN-3-0004 | AAV-02-M5x12 | ACS-01 | AAL-05-4 |
| **CSKNR/L 3232 P1207TP** | ● | ● | 32 | 32 | 170 | 40 | | | | | | | |

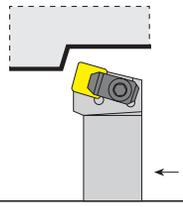
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück CSDNN 2525 M1207C-TP

**KAPR=75°**

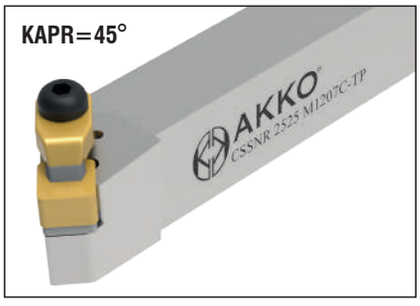


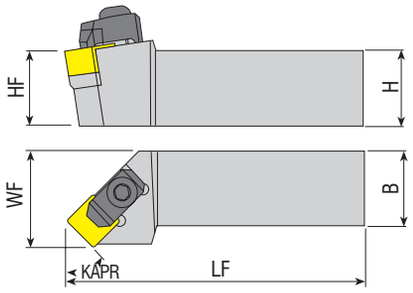

**CSRNR**



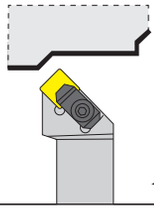
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Segman *Ring* *Feder* | Anahtar *Allen Key* *Innensechskantschlüssel* |
| | R | L | HF=H | B | LF | WF | | | | | | | |
| **CSRNR/L 2525 M1207TP** | ● | ● | 25 | 25 | 150 | 32 | **SN.. 1207..** | ACK-39 | AKV-11-M8x29 | AASN-3-0004 | AAV-02-M5x12 | ACS-01 | AAL-05-4 |
| **CSRNR/L 3232 P1207TP** | ● | ● | 32 | 32 | 170 | 40 | | | | | | | |

**KAPR=45°**




**CSSNR**

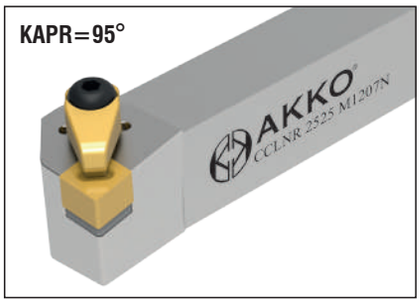


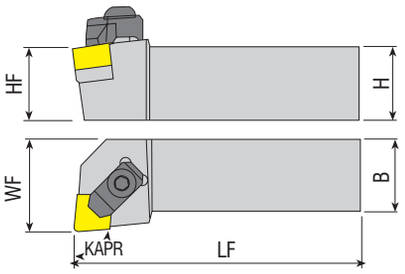
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Segman *Ring* *Feder* | Anahtar *Allen Key* *Innensechskantschlüssel* |
| | R | L | HF=H | B | LF | WF | | | | | | | |
| **CSSNR/L 2525 M1207TP** | ● | ● | 25 | 25 | 150 | 32 | **SN.. 1207..** | ACK-39 | AKV-11-M8x29 | AASN-3-0004 | AAV-02-M5x12 | ACS-01 | AAL-05-4 |
| **CSSNR/L 3232 P1207TP** | ● | ● | 32 | 32 | 170 | 40 | | | | | | | |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock /*Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

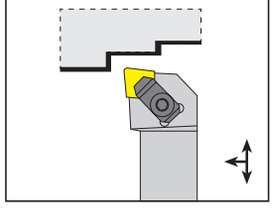
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück CSRNR 2525 M1207TP

**KAPR=95°**



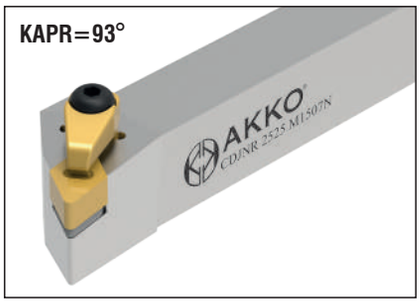



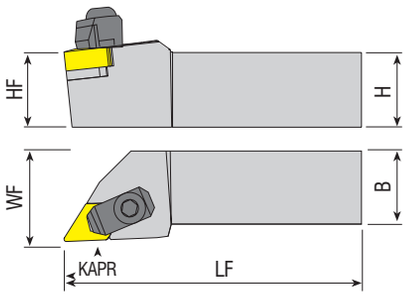

**CCLNR**



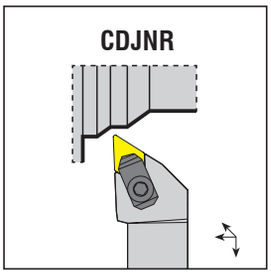
| Takım Kodu / Ordering Code / Bestell-Bezeichnung | Stok / Stock / Lager | | Takım Ölçüleri (mm) / Dimension (mm) / Abmessung (mm) | | | | Kesici Uç / Insert / Wendeschneidplatte | Yedek Parçaları / Spare Parts / Ersatzteile | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Baskı Pabucu / Wedge Clamp / Spannpratze | Pabuç Vidası / Clamp Screw / Klemmschraube | Altlık / Shim / Unterlage | Altlık Vidası / Shim Screw / Schraube für Unterlage | Segman / Ring / Feder | Anahtar / Allen Key / Innensechskantschlüssel |
| | R | L | HF=H | B | LF | WF | | | | | | | |
| CCLNR/L 2525 M1207N | ● | ● | 25 | 25 | 150 | 32 | CN.. 1207.. | ACK-22 | AKV-11-M8x29 | AACN-3-0001 | AAV-02-M5x12 | ACS-01 | AAL-05-4 |
| CCLNR/L 3232 P1207N | ● | ● | 32 | 32 | 170 | 40 | | | | | | | |
| CCLNR/L 2525 M1607N | ● | ● | 25 | 25 | 150 | 32 | CN.. 1607.. | | AKV-11-M8x29 | AACN-3-0002 | AAV-05-M6x15 | ACS-01 | AAL-05-4 |

**KAPR=93°**




**CDJNR**

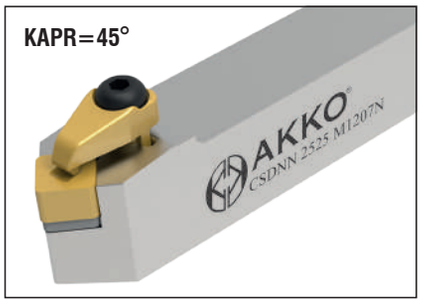


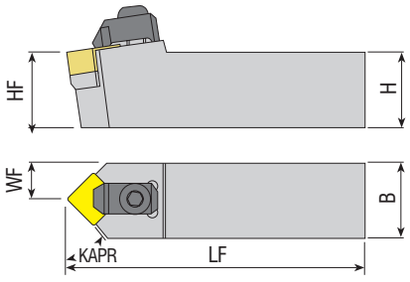
| Takım Kodu / Ordering Code / Bestell-Bezeichnung | Stok / Stock / Lager | | Takım Ölçüleri (mm) / Dimension (mm) / Abmessung (mm) | | | | Kesici Uç / Insert / Wendeschneidplatte | Yedek Parçaları / Spare Parts / Ersatzteile | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Baskı Pabucu / Wedge Clamp / Spannpratze | Pabuç Vidası / Clamp Screw / Klemmschraube | Altlık / Shim / Unterlage | Altlık Vidası / Shim Screw / Schraube für Unterlage | Segman / Ring / Feder | Anahtar / Allen Key / Innensechskantschlüssel |
| | R | L | HF=H | B | LF | WF | | | | | | | |
| CDJNR/L 2525 M1507N | ● | ● | 25 | 25 | 150 | 32 | DN.. 1507.. | ACK-22 | AKV-11-M8x29 | AADN-3-0001 | AAV-02-M5x12 | ACS-01 | AAL-05-4 |
| CDJNR/L 3232 P1507N | ● | ● | 32 | 32 | 170 | 40 | | | | | | | |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

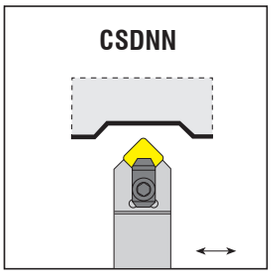
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück CCLNR 2525 M1207N

**KAPR=45°**



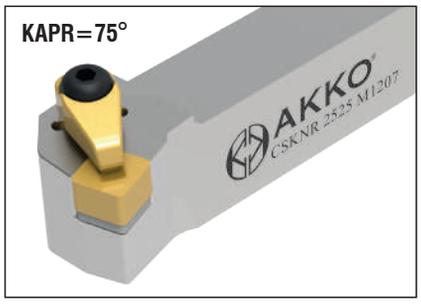



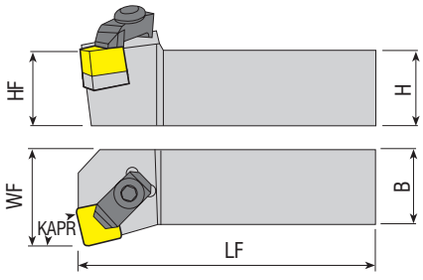

**CSDNN**



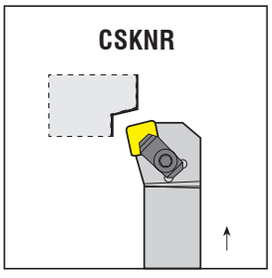
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | HF=H | B | LF | WF | | Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Segman *Ring* *Feder* | Anahtar *Allen Key* *Innensechskantschlüssel* |
| **CSDNN 2525 M1207N** | ● | 25 | 25 | 150 | 12.5 | **SN.. 1207..** | ACK-22 | AKV-11-M8x29 | AASN-3-0004 | AAV-02-M5x12 | ACS-01 | AAL-05-4 |
| **CSDNN 3232 P1207N** | ● | 32 | 32 | 170 | 16 | | | | | | | |

**KAPR=75°**




**CSKNR**

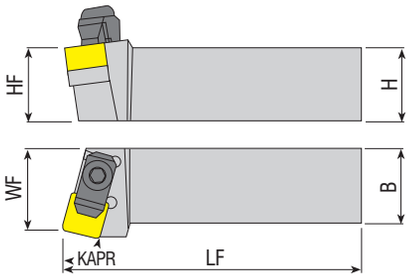


| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | HF=H | B | LF | WF | | Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Segman *Ring* *Feder* | Anahtar *Allen Key* *Innensechskantschlüssel* |
| **CSKNR/L 2525 M1207N** | ● | ● | 25 | 25 | 150 | 32 | **SN.. 1207..** | ACK-22 | AKV-11-M8x29 | AASN-3-0004 | AAV-02-M5x12 | ACS-01 | AAL-05-4 |
| **CSKNR/L 3232 P1207N** | ● | ● | 32 | 32 | 170 | 40 | | | | | | | |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock /*Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück CSDNN 2525 M1207N

**KAPR=75°**

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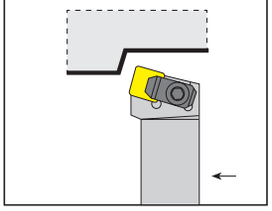
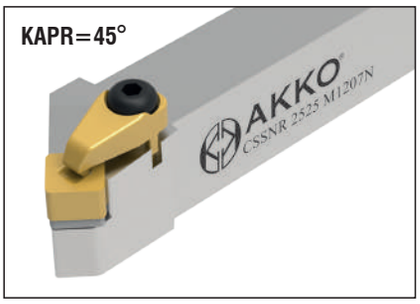
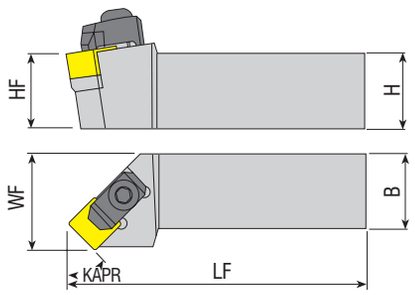


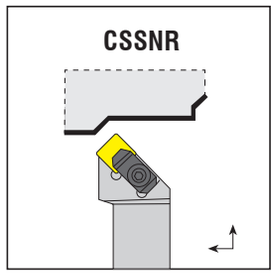
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | HF=H | B | LF | WF | | Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Segman *Ring* *Feder* | Anahtar *Allen Key* Innensechskantschlüssel |
| **CSRNR/L 2525 M1207N** | ● | ● | 25 | 25 | 150 | 32 | **SN.. 1207..** | ACK-22 | AKV-11-M8x29 | AASN-3-0004 | AAV-02-M5x12 | ACS-01 | AAL-05-4 |
| **CSRNR/L 3232 P1207N** | ● | ● | 32 | 32 | 170 | 40 | | | | | | | |

**KAPR=45°**




**CSSNR**



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | HF=H | B | LF | WF | | Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Segman *Ring* *Feder* | Anahtar *Allen Key* Innensechskantschlüssel |
| **CSSNR/L 2525 M1207N** | ● | ● | 25 | 25 | 150 | 32 | **SN.. 1207..** | ACK-22 | AKV-11-M8x29 | AASN-3-0004 | AAV-02-M5x12 | ACS-01 | AAL-05-4 |
| **CSSNR/L 3232 P1207N** | ● | ● | 32 | 32 | 170 | 40 | | | | | | | |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück CSRNR 2525 M1207N

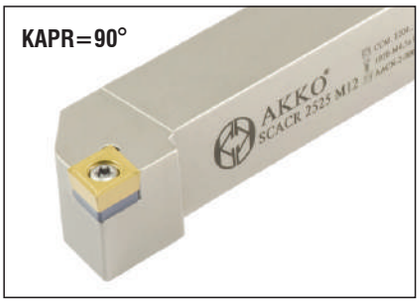
AKKO®

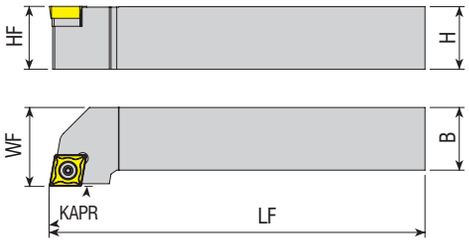
*konuşulan*
*the spoken kalite...*
*quality...*

# S-SİSTEM

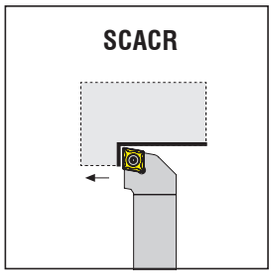
**S-SİSTEM DIŞ TORNA KATERLERİ**
*S-SYSTEM EXTERNAL TURNING TOOLHOLDERS*
*S-SYSTEM AUSSEN - DREHHALTER*

**KAPR=90°**



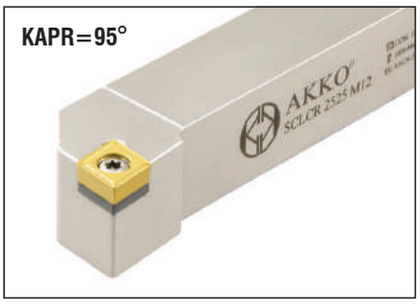



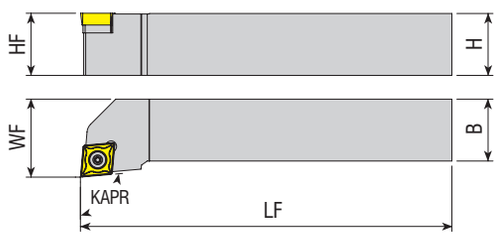

**SCACR**



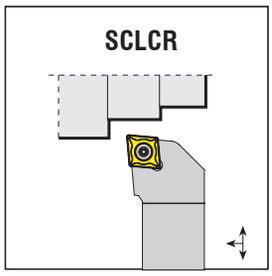
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| | R | L | HF=H | B | LF | WF | | | | | |
| **SCACR/L 0808 E06** | ● | ● | 08 | 08 | 70 | 10 | **CC.. 0602..** | 4008-M2.5x6 | - | - | 82-T08 |
| **SCACR/L 1010 E06** | ● | ● | 10 | 10 | 70 | 12 | | | | | |
| **SCACR/L 1212 F09** | ● | ● | 12 | 12 | 80 | 16 | **CC.. 09T3..** | 4015-M3.5x11 | - | - | 80-T15 |
| **SCACR/L 1616 H09** | ● | ● | 16 | 16 | 100 | 20 | | 4015-M3.5x14 | AACN-2-0001 | AAV-06-M3.5x11 | |
| **SCACR/L 2020 K09** | ● | ● | 20 | 20 | 125 | 25 | | | | | |
| **SCACR/L 2020 K12** | ● | ● | 20 | 20 | 125 | 25 | **CC.. 1204..** | 1020-M4.5x16 | AACN-2-0003 | AAV-07-M4.5x13 | 80-T20 |
| **SCACR/L 2525 M12** | ● | ● | 25 | 25 | 150 | 32 | | | | | |

**KAPR=95°**




**SCLCR**

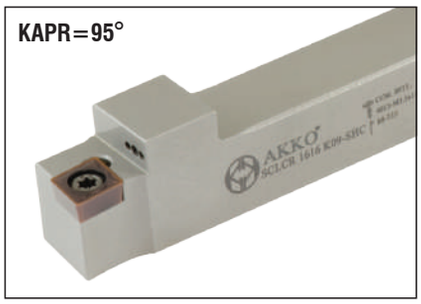


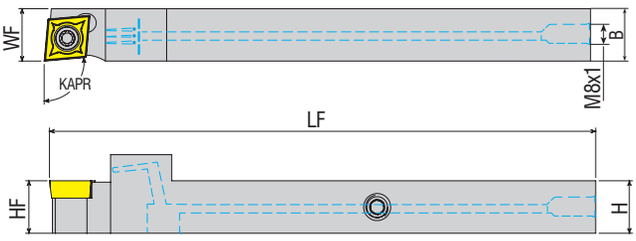
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| | R | L | HF=H | B | LF | WF | | | | | |
| **SCLCR/L 0808 E06** | ● | ● | 08 | 08 | 70 | 10 | **CC.. 0602..** | 4008-M2.5x6 | - | - | 82-T08 |
| **SCLCR/L 1010 E06** | ● | ○ | 10 | 10 | 70 | 12 | | | | | |
| **SCLCR/L 1212 F06** | ● | ● | 12 | 12 | 80 | 16 | | | | | |
| **SCLCR/L 1010 E09** | ● | ● | 10 | 10 | 70 | 12 | **CC.. 09T3..** | 4015-M3.5x9 | - | - | 80-T15 |
| **SCLCR/L 1212 F09** | ● | ● | 12 | 12 | 80 | 16 | | 4015-M3.5x11 | - | - | |
| **SCLCR/L 1212 M09** | ● | ● | 12 | 12 | 150 | 16 | | 4015-M3.5x14 | AACN-2-0001 | AAV-06-M3.5x11 | |
| **SCLCR/L 1616 H09** | ● | ● | 16 | 16 | 100 | 20 | | | | | |
| **SCLCR/L 2020 K09** | ● | ● | 20 | 20 | 125 | 25 | | | - | - | |
| **SCLCR/L 2525 M09** | ● | ● | 25 | 25 | 150 | 32 | | | | | |
| **SCLCR/L 1616 H12** | ● | ○ | 16 | 16 | 100 | 20 | **CC.. 1204..** | 1020-M5x11 | AACN-2-0003 | AAV-07-M4.5x13 | 80-T20 |
| **SCLCR/L 2020 K12** | ● | ● | 20 | 20 | 125 | 25 | | 1020-M4.5x16 | | | |
| **SCLCR/L 2525 M12** | ● | ● | 25 | 25 | 150 | 32 | | | | | |

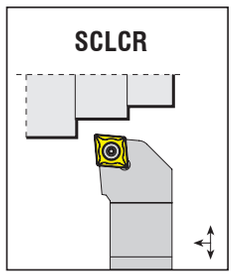
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock /*Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück SCACR 0808 E06

**KAPR=95°**





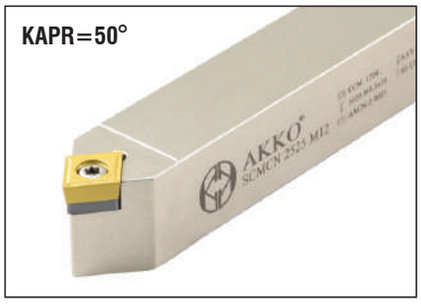



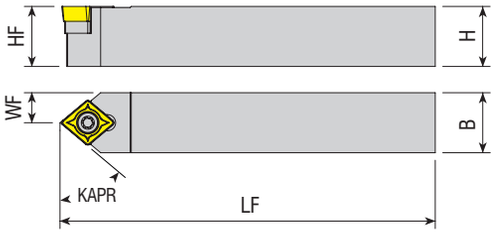

| Takım Kodu *Ordering Code* Bestell-Bezeichnung | Stok *Stock Lager* R | L | Takım Ölçüleri (mm) *Dimension (mm) Abmessung (mm)* HF=H | B | LF | WF | Kesici Uç *Insert Wendeschneidplatte* | Yedek Parçaları / *Spare Parts / Ersatzteile* Sıkma Vidası *Screw Klemmschraube* | Altlık *Shim Unterlage* | Altlık Vidası *Shim Screw Schraube für Unterlage* | Sızdırmaz Vida *Threaded Pin Gewindestift* | *Anahtar Allen Key Innensechskantschlüssel* | Tork Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SCLCR/L 1212 K09-SHC** | ● | ○ | 12 | 12 | 125 | 12 | **CC.. 09T3..** | 4015-M3.5x11 | - | - | 2703-M6X4 | AAL-03-3 | 80-T15 |
| **SCLCR/L 1616 K09-SHC** | ● | ○ | 16 | 16 | 125 | 16 | | | | | 2704-M8X1X5 | AAL-05-4 | |

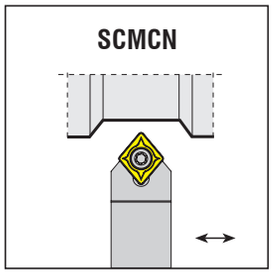
ISO Ucuna Uygundur. / Compatible with ISO Insert. / Kompatibel mit ISO Wendeplatten.

## S-SİSTEM DIŞ TORNA KATERLERİ
*S-SYSTEM EXTERNAL TURNING TOOLHOLDERS*
*S-SYSTEM AUSSEN - DREHHALTER*

**KAPR=50°**





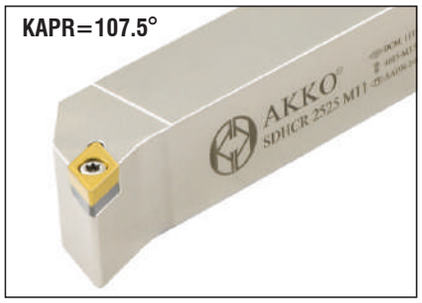



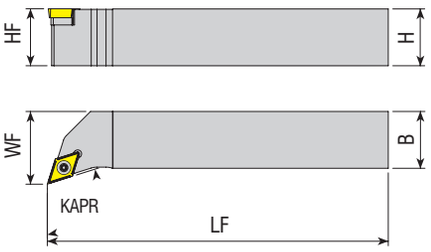

| Takım Kodu *Ordering Code* Bestell-Bezeichnung | Stok *Stock Lager* | Takım Ölçüleri (mm) *Dimension (mm) Abmessung (mm)* HF=H | B | LF | WF | Kesici Uç *Insert Wendeschneidplatte* | Yedek Parçaları / *Spare Parts / Ersatzteile* Sıkma Vidası *Screw Klemmschraube* | Altlık *Shim Unterlage* | Altlık Vidası *Shim Screw Schraube für Unterlage* | Tork Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| **SCMCN 0808 E06** | ● | 08 | 08 | 70 | 04 | **CC.. 0602..** | 4008-M2.5x6 | - | - | 82-T08 |
| **SCMCN 1010 E06** | ● | 10 | 10 | 70 | 05 | | | | | |
| **SCMCN 1212 F06** | ● | 12 | 12 | 80 | 06 | | | | | |
| **SCMCN 1212 F09** | ● | 12 | 12 | 80 | 06 | **CC.. 09T3..** | 4015-M3.5x11 | - | - | 80-T15 |
| **SCMCN 1616 H09** | ● | 16 | 16 | 100 | 08 | | 4015-M3.5x14 | AACN-2-0001 | AAV-06-M3.5x11 | |
| **SCMCN 2020 K12** | ● | 20 | 20 | 125 | 10 | **CC.. 1204..** | 1020-M4.5x16 | AACN-2-0003 | AAV-07-M4.5x13 | 80-T20 |
| **SCMCN 2525 M12** | ● | 25 | 25 | 150 | 12.5 | | | | | |

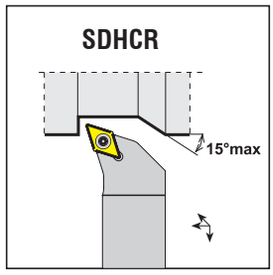
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück SCLCR/L 1212 K09-SHC

**KAPR=107.5°**

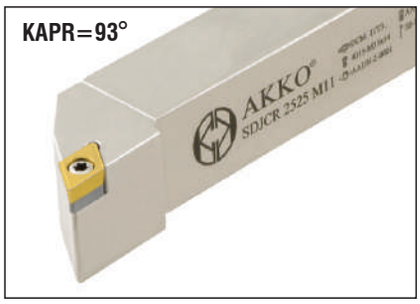


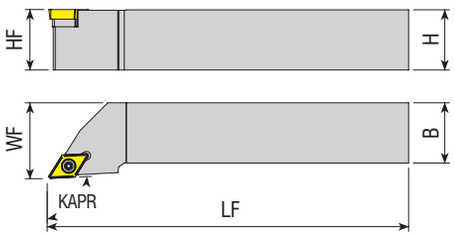



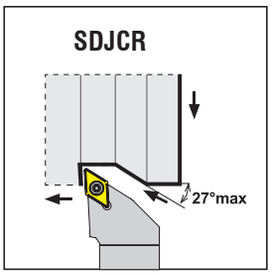



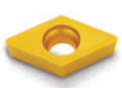

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | HF=H | B | LF | WF | | | | | |
| **SDHCR/L 0808 E07** | ● | ● | 08 | 08 | 70 | 11 | **DC.. 0702..** | 4008-M2.5x6 | - | - | 82-T08 |
| **SDHCR/L 1010 E07** | ● | ● | 10 | 10 | 70 | 12 | | | | | |
| **SDHCR/L 1212 F07** | ● | ● | 12 | 12 | 80 | 16 | | | | | |
| **SDHCR/L 1616 H07** | ● | ● | 16 | 16 | 100 | 20 | | | | | |
| **SDHCR/L 1616 H11** | ● | ● | 16 | 16 | 100 | 20 | **DC.. 11T3..** | 4015-M3.5x14 | AADN-2-0001 | AAV-06-M3.5x11 | 80-T15 |
| **SDHCR/L 2020 K11** | ● | ● | 20 | 20 | 125 | 25 | | | | | |
| **SDHCR/L 2525 M11** | ● | ● | 25 | 25 | 150 | 32 | | | | | |
| **SDHCR/L 3232 P11** | ● | ● | 32 | 32 | 170 | 40 | | | | | |

**KAPR=93°**



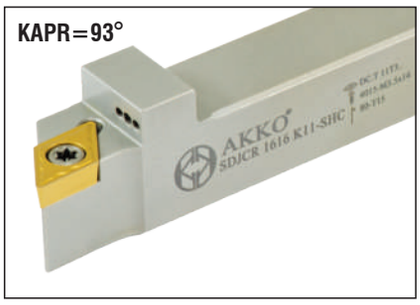



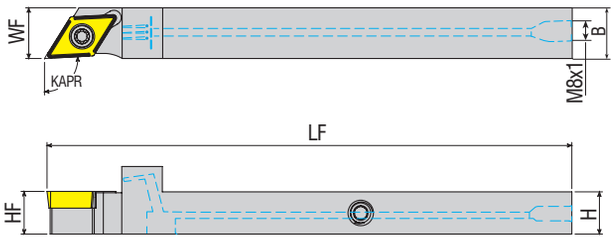

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | HF=H | B | LF | WF |  | | | | |
| **SDJCR/L 0808 E07** | ● | ● | 08 | 08 | 70 | 10 | **DC.. 0702..** | 4008-M2.5x6 | - | - | 82-T08 |
| **SDJCR/L 1010 E07** | ● | ● | 10 | 10 | 70 | 12 | | | | | |
| **SDJCR/L 1212 F07** | ● | ● | 12 | 12 | 80 | 16 | | | | | |
| **SDJCR/L 1616 H07** | ● | ● | 16 | 16 | 100 | 20 | | | | | |
| **SDJCR/L 1212 F11** | ● | ● | 12 | 12 | 80 | 16 | **DC.. 11T3..** | 4015-M3.5x14 | AADN-2-0001 | AAV-06-M3.5x11 | 80-T15 |
| **SDJCR/L 1616 H11** | ● | ● | 16 | 16 | 100 | 20 | | | | | |
| **SDJCR/L 2020 K11** | ● | ● | 20 | 20 | 125 | 25 | | | | | |
| **SDJCR/L 2525 M11** | ● | ● | 25 | 25 | 150 | 32 | | | | | |
| **SDJCR/L 3232 P11** | ● | ● | 32 | 32 | 170 | 40 | | | | | |

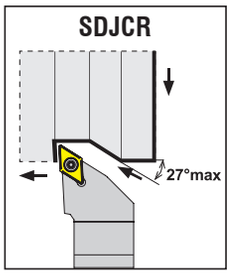
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock /*Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück SDHCR 0808 E07

**KAPR=93°**



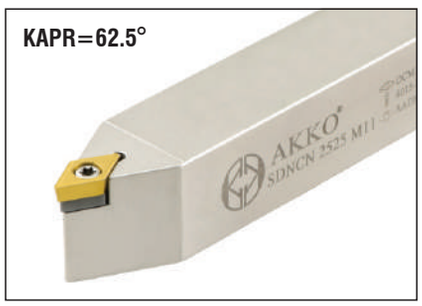



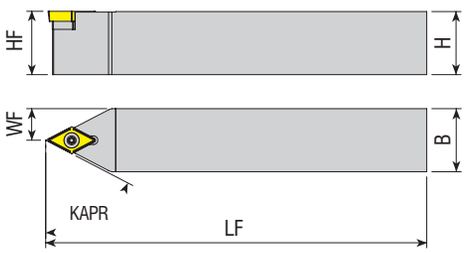

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Sızdırmaz Vida *Threaded Pin* *Gewindestift* | *Anahtar* *Allen Key* *Innensechskantschlüssel* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| | R | L | HF=H | B | LF | WF | | | | | | | |
| **SDJCR/L 0810 G07-SHC** | ● | ○ | 8 | 10 | 90 | 10 | **DC.. 0702..** | 4008-M2.5x6 | - | - | | | 82-T08 |
| **SDJCR/L 1010 K07-SHC** | ● | ○ | 10 | 10 | 125 | 10 | | | | | | | |
| **SDJCR/L 1012 K11-SHC** | ● | ○ | 10 | 12 | 125 | 12 | **DC.. 11T3..** | 4015-M3.5x14 | | | 2703-M6X4 | AAL-03-3 | 80-T15 |
| **SDJCR/L 1212 K11-SHC** | ● | ○ | 12 | 12 | 125 | 12 | | | | | | | |
| **SDJCR/L 1616 K11-SHC** | ● | ○ | 16 | 16 | 125 | 16 | | | | | 2704-M8X1X5 | AAL-05-4 | |

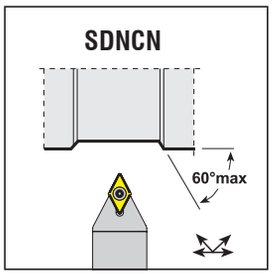
ISO Ucuna Uygundur. / Compatible with ISO Insert. / Kompatibel mit ISO Wendeplatten.

## S-SİSTEM DIŞ TORNA KATERLERİ
## *S-SYSTEM EXTERNAL TURNING TOOLHOLDERS*
## *S-SYSTEM AUSSEN - DREHHALTER*

**KAPR=62.5°**



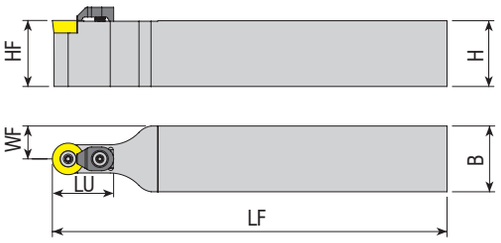



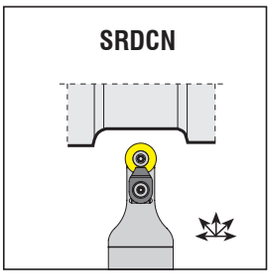




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| | | HF=H | B | LF | WF | | | | | |
| **SDNCN 0808 E07** | ● | 08 | 08 | 70 | 4 | **DC.. 0702..** | 4008-M2.5x6 | - | - | 82-T08 |
| **SDNCN 1010 E07** | ● | 10 | 10 | 70 | 5 | | | | | |
| **SDNCN 1212 F07** | ● | 12 | 12 | 80 | 6 | | | | | |
| **SDNCN 1616 H07** | ● | 16 | 16 | 100 | 8 | | | | | |
| **SDNCN 1616 H11** | ● | 16 | 16 | 100 | 8 | **DC.. 11T3..** | 4015-M3.5x14 | AADN-2-0001 | AAV-06-M3.5x11 | 80-T15 |
| **SDNCN 2020 K11** | ● | 20 | 20 | 125 | 10 | | | | | |
| **SDNCN 2525 M11** | ● | 25 | 25 | 150 | 12.5 | | | | | |
| **SDNCN 3232 P11** | ● | 32 | 32 | 170 | 16 | | | | | |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück SDJCR 0810 G07-SHC

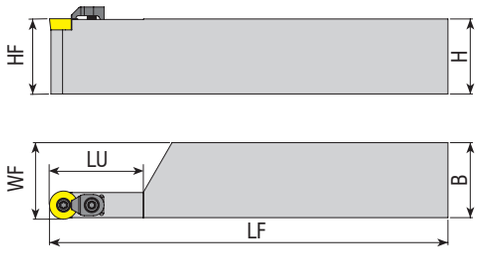


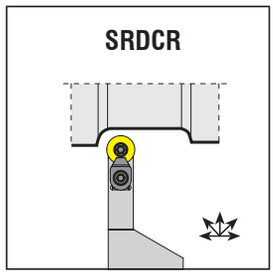




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Baskı Parçası *Wedge Clamp* *Spannpratze* | Baskı Vidası *Clamp Screw* *Klemmschraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| | | HF=H | B | LF | LU | WF | | | | | | | |
| **SRDCN 1616 H06** | ● | 16 | 16 | 100 | 15 | 8 | | | | | | | |
| **SRDCN 2020 K06** | ● | 20 | 20 | 125 | 17 | 10 | **RC.. 0602..** | 3008-M2.5x6 | - | - | - | - | |
| **SRDCN 2525 M06** | ● | 25 | 25 | 150 | 17 | 12.5 | | | | | | | 82-T08 |
| **SRDCN 1616 H08C** | ● | 16 | 16 | 100 | 15 | 8 | | | | | | | |
| **SRDCN 2020 K08C** | ● | 20 | 20 | 125 | 20 | 10 | **RC.. 0803..** | 3008-M3x8 | - | - | | | |
| **SRDCN 2525 M08C** | ● | 25 | 25 | 150 | 20 | 12.5 | | | | | ACK-15 | 4015-M3.5x11 | |
| **SRDCN 1616 H10C** | ● | 16 | 16 | 100 | 20 | 8 | | | | | | | |
| **SRDCN 2020 K10C** | ● | 20 | 20 | 125 | 20 | 10 | | | | | | | |
| **SRDCN 2525 M10C** | ● | 25 | 25 | 150 | 20 | 12.5 | **RC.. 10T3..** | 4015-M3.5x11 | - | - | | | |
| **SRDCN 3232 P10C** | ● | 32 | 32 | 170 | 20 | 16 | | | | | | | 80-T15 |
| **SRDCN 2020 K12C** | ● | 20 | 20 | 125 | 22 | 10 | | | | | | | |
| **SRDCN 2525 M12C** | ● | 25 | 25 | 150 | 22 | 12.5 | **RC.. 1204..** | 4015-M3.5x11 | - | - | | | |
| **SRDCN 3232 P12C** | ● | 32 | 32 | 170 | 22 | 16 | | | | | ACK-05 | 4015-M4x11 | |
| **SRDCN 2525 M16C** | ● | 25 | 25 | 150 | 32 | 12.5 | **RC.. 1605..** | 1020-M5x11 | - | - | | | |
| **SRDCN 3232 P16C** | ● | 32 | 32 | 170 | 35 | 16 | | | | | | | 80-T20 |
| **SRDCN 2525 M20C** | ● | 25 | 25 | 150 | 32 | 12.5 | **RC.. 2006..** | 1420-M6x16 | | | | | |
| **SRDCN 3232 P20C** | ● | 32 | 32 | 170 | 40 | 16 | | | - | - | ACK-09 | AAV-05-M6x15 | |
| **SRDCN 3232 P25C** | ● | 32 | 32 | 170 | 40 | 16 | **RC.. 2507..** | 1520-M6x16 | | | | | |
| **SRDCN 3232 P32C** | ● | 32 | 32 | 170 | 45 | 16 | **RC.. 3209..** | 1904-M8x1x20 | | | | | AAL-05-4 |

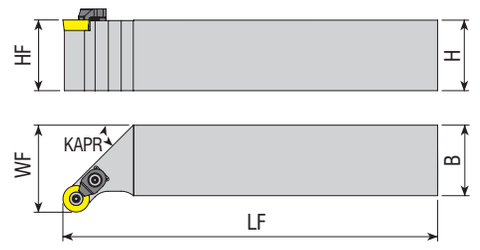
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock /*Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

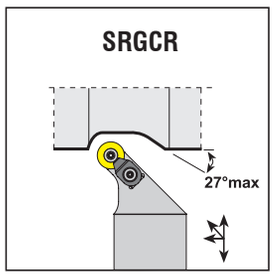
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück SRDCN 1616 H06




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* R | L | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H | B | LF | LU | WF | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Baskı Parçası *Wedge Clamp* *Spannpratze* | Baskı Vidası *Clamp Screw* *Klemmschraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SRDCR/L 3232 T06** | ● | ● | 32 | 32 | 300 | 20 | 32.35 | **RC.. 0602..** | 3008-M2.5x6 | - | - | - | - | 82-T08 |
| new **SRDCR/L 2020 M08** | ● | ● | 20 | 20 | 150 | 25 | 20.5 | **RC.. 0803..** | 3008-M3x8 | - | - | - | - | |
| new **SRDCR/L 2525 M08** | ● | ● | 25 | 25 | 150 | 25 | 25.5 | | | | | | | |
| **SRDCR/L 3232 P12C** | ● | ● | 32 | 32 | 170 | 40 | 32.65 | **RC.. 1204..** | 4015-M3.5x11 | - | - | ACK-05 | 4015-M4x11 | 80-T15 |
| **SRDCR/L 3232 P16C** | ● | ○ | 32 | 32 | 170 | 40 | 32.85 | **RC.. 1605..** | 1020-M5x11 | - | - | | | 80-T20 |

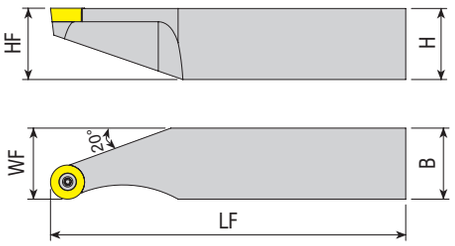


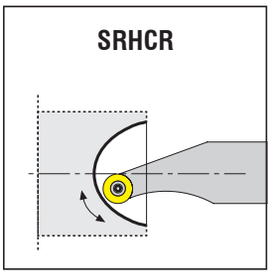




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* R | L | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H | B | LF | WF | Kesici Uç *Insert* *Wendeschneidplatte* | Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Baskı Parçası *Wedge Clamp* *Spannpratze* | Baskı Vidası *Clamp Screw* *Klemmschraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SRGCR/L 1616 H06** | ● | ● | 16 | 16 | 100 | 20 | **RC.. 0602..** | 3008-M2.5x6 | - | - | - | - | 82-T08 |
| **SRGCR/L 2020 K06** | ● | ● | 20 | 20 | 125 | 25 | | | | | | | |
| **SRGCR/L 1616 H08C** | ● | ● | 16 | 16 | 100 | 20 | **RC.. 0803..** | 3008-M3x8 | - | - | ACK-15 | 4015-M3.5x11 | |
| **SRGCR/L 2020 K08C** | ● | ● | 20 | 20 | 125 | 25 | | | | | | | |
| **SRGCR/L 2525 M08C** | ● | ● | 25 | 25 | 150 | 32 | | | | | | | |
| **SRGCR/L 1616 H10C** | ● | ● | 16 | 16 | 100 | 20 | **RC.. 10T3..** | 4015-M3.5x11 | - | - | | | 80-T15 |
| **SRGCR/L 2020 K10C** | ● | ● | 20 | 20 | 125 | 25 | | | | | | | |
| **SRGCR/L 2525 M10C** | ● | ● | 25 | 25 | 150 | 32 | | | | | | | |
| **SRGCR/L 3232 P10C** | ● | ● | 32 | 32 | 170 | 40 | | | | | | | |
| **SRGCR/L 2020 K12C** | ● | ● | 20 | 20 | 125 | 25 | **RC.. 1204..** | 4015-M3.5x11 | - | - | ACK-05 | 4015-M4x11 | |
| **SRGCR/L 2525 M12C** | ● | ● | 25 | 25 | 150 | 32 | | | | | | | |
| **SRGCR/L 3232 P12C** | ● | ● | 32 | 32 | 170 | 40 | | | | | | | |

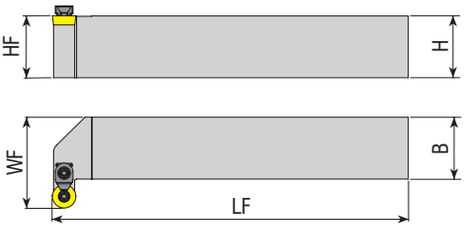
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock /*Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

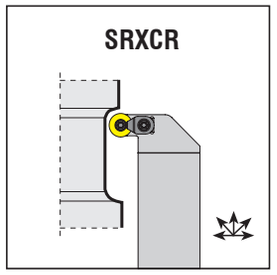
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück SRDCR 3232 T06




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| | R | L | HF=H | B | LF | WF | MIN R | | | | | |
| **SRHCR/L 2525 K06** | ● | ○ | 25 | 25 | 125 | 25 | 32.5 | **RC.. 0602..** | 3008-M2.5x6 | - | - | 82-T08 |
| **SRHCR/L 2525 K08** | ● | ● | 25 | 25 | 125 | 25 | 32.5 | **RC.. 0803..** | 3008-M3x8 | - | - | |
| **SRHCR/L 2525 K10** | ● | ● | 25 | 25 | 125 | 25 | 36 | **RC.. 10T3..** | 4015-M3.5x11 | - | - | 80-T15 |
| **SRHCR/L 2525 K12** | ● | ● | 25 | 25 | 125 | 25 | 40 | **RC.. 1204..** | | | | |
| **SRHCR/L 2525 K16** | ● | ● | 25 | 25 | 125 | 25 | 47.5 | **RC.. 1606..** | 1020-M5x11 | - | - | 80-T20 |



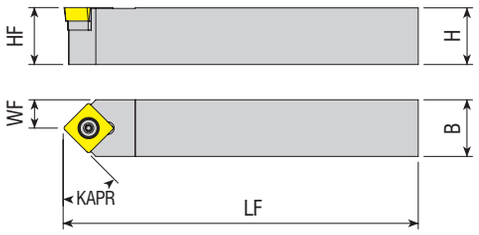



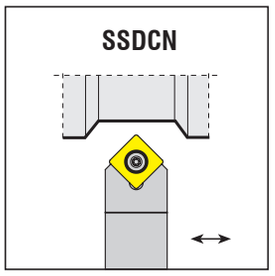

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Baskı Parçası *Wedge Clamp* *Spannpratze* | Baskı Vidası *Clamp Screw* *Klemmschraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | HF=H | B | LF | WF | | | | | | | |
| **SRXCR/L 3232 X08C** | ● | ● | 32 | 32 | 220 | 47 | **RC.. 0803..** | 3008-M3x8 | - | - | ACK-15 | 4015-M3.5x11 | 82-T08 |
| **SRXCR/L 3232 X10C** | ● | ● | 32 | 32 | 220 | 47 | **RC.. 10T3..** | 4015-M3.5x11 | | | | | 80-T15 |
| **SRXCR/L 3232 X12C** | ● | ● | 32 | 32 | 220 | 47 | **RC.. 1204..** | | | | ACK-05 | 4015-M4x11 | |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock /*Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück SRHCR 2525 K06

**KAPR=45°**

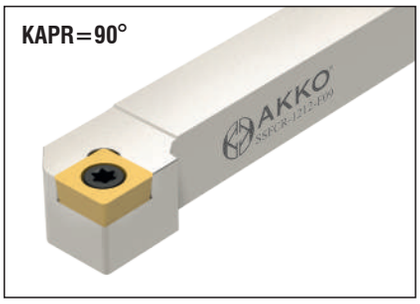


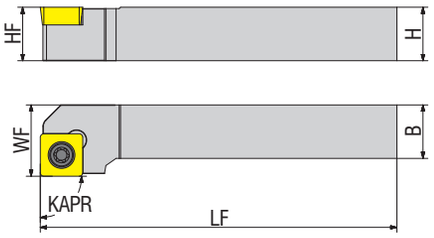



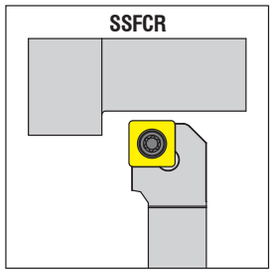

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | HF=H | B | LF | WF | | Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| **SSDCN 1212 F09** | ● | 12 | 12 | 80 | 6 | **SC.. 09T3..** | 4015-M3.5x11 | - | - | 80-T15 |
| **SSDCN 1616 H09** | ● | 16 | 16 | 100 | 8 | | 4015-M3.5x14 | AASN-2-0001 | AAV-06-M3.5x11 | |
| **SSDCN 2020 K09** | ● | 20 | 20 | 125 | 10 | | | | | |
| **SSDCN 1616 H12** | ● | 16 | 16 | 100 | 8 | **SC.. 1204..** | 4020-M4.5x12 | AASN-2-0004 | AAV-10-M4.5x8 | 80-T20 |
| **SSDCN 2020 K12** | ● | 20 | 20 | 125 | 10 | | 1020-M4.5x16 | | AAV-07-M4.5x13 | |
| **SSDCN 2525 M12** | ● | 25 | 25 | 150 | 12.5 | | | | | |

new

**KAPR=90°**



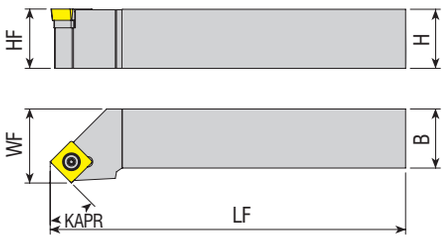



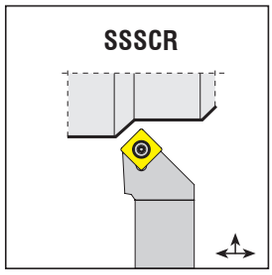




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | HF=H | B | LF | WF | | Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| **SSFCR/L 1212 F09** | ● | ● | 12 | 12 | 80 | 16 | **SC.. 09T3..** | 4012-M3.5X11 | - | - | 80-T15 |
| **SSFCR/L 1616 H09** | ● | ● | 16 | 16 | 100 | 20 | | 4015-M3.5x14 | AASN-2-0001 | AAV-06-M3.5x11 | |
| **SSFCR/L 2020 K09** | ● | ● | 20 | 20 | 125 | 25 | | | | | |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück SSDCN 1212 F09



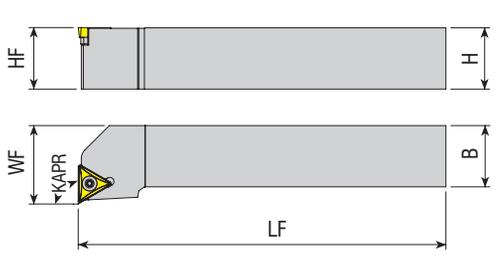




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| | R | L | HF=H | B | LF | WF | | | | | |
| **SSSCR/L 1212 F09** | ● | ● | 12 | 12 | 80 | 16 | **SC.. 09T3..** | 4015-M3.5x11 | - | - | 80-T15 |
| **SSSCR/L 1616 H09** | ● | ● | 16 | 16 | 100 | 20 | | 4015-M3.5x14 | AASN-2-0001 | AAV-06-M3.5x11 | |
| **SSSCR/L 2020 K09** | ● | ● | 20 | 20 | 125 | 25 | | | | | |
| **SSSCR/L 1616 H12** | ● | ● | 16 | 16 | 100 | 20 | **SC.. 1204..** | 4020-M4.5x12 | AASN-2-0004 | AAV-10-M4.5x8 | 80-T20 |
| **SSSCR/L 2020 K12** | ● | ● | 20 | 20 | 125 | 25 | | 1020-M4.5x16 | | AAV-07-M4.5x13 | |
| **SSSCR/L 2525 M12** | ● | ● | 25 | 25 | 150 | 32 | | | | | |

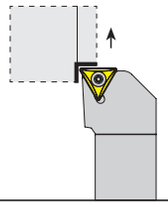
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück SSSCR 1212 F09

**KAPR=90°**

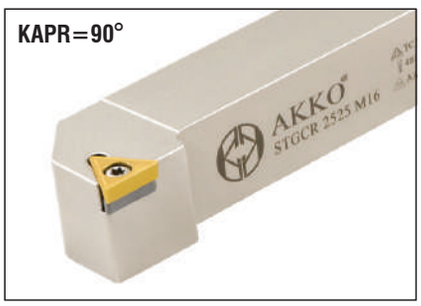


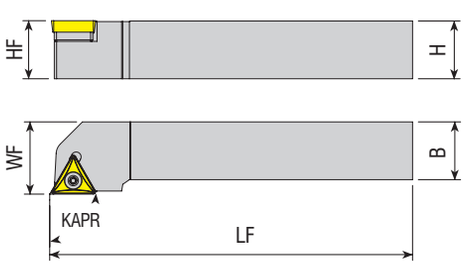

**STFCR**



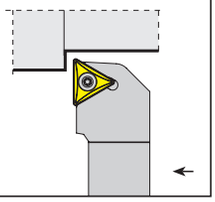
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| | R | L | HF=H | B | LF | WF | | | | | |
| **STFCR/L 0808 E09** | ○ | ○ | 08 | 08 | 70 | 10 | **TC.. 0902..** | 3007-M2.2x4.6 | - | - | 82-T07 |
| **STFCR/L 1010 E09** | ● | ● | 10 | 10 | 70 | 12 | | | | | |
| **STFCR/L 1212 F11** | ● | ● | 12 | 12 | 80 | 16 | **TC.. 1102..** | 4008-M2.5x6 | | | 82-T08 |
| **STFCR/L 1616 H11** | ● | ● | 16 | 16 | 100 | 20 | | | | | |
| **STFCR/L 1616 H16** | ● | ● | 16 | 16 | 100 | 20 | **TC.. 16T3..** | 4015-M3.5x14 | AATN-2-0001 | AAV-06-M3.5x11 | 80-T15 |
| **STFCR/L 2020 K16** | ● | ● | 20 | 20 | 125 | 25 | | | | | |
| **STFCR/L 2525 M16** | ● | ● | 25 | 25 | 150 | 32 | | | | | |
| **STFCR/L 3232 P16** | ● | ● | 32 | 32 | 170 | 40 | | | | | |

**KAPR=90°**




**STGCR**

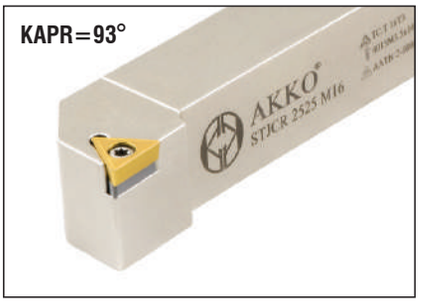


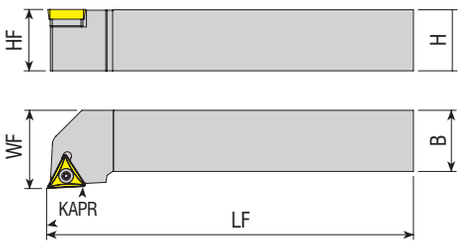
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| | R | L | HF=H | B | LF | WF | | | | | |
| **STGCR/L 0808 E09** | ● | ● | 08 | 08 | 70 | 10 | **TC.. 0902..** | 3007-M2.2x4.6 | - | - | 82-T07 |
| **STGCR/L 1010 E09** | ● | ● | 10 | 10 | 70 | 12 | | | | | |
| **STGCR/L 1212 F11** | ● | ● | 12 | 12 | 80 | 16 | **TC.. 1102..** | 4008-M2.5x6 | | | 82-T08 |
| **STGCR/L 1616 H11** | ● | ● | 16 | 16 | 100 | 20 | | | | | |
| **STGCR/L 1616 H16** | ● | ● | 16 | 16 | 100 | 20 | **TC.. 16T3..** | 4015-M3.5x14 | AATN-2-0001 | AAV-06-M3.5x11 | 80-T15 |
| **STGCR/L 2020 K16** | ● | ● | 20 | 20 | 125 | 25 | | | | | |
| **STGCR/L 2525 M16** | ● | ● | 25 | 25 | 150 | 32 | | | | | |
| **STGCR/L 3232 P16** | ● | ● | 32 | 32 | 170 | 40 | | | | | |

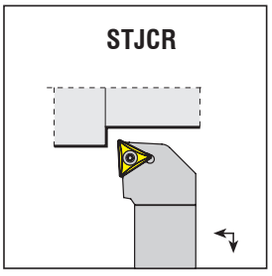
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück STFCR 0808 E09

**KAPR=93°**

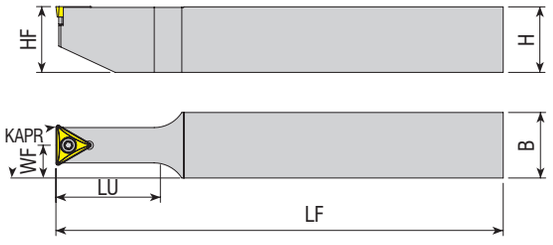


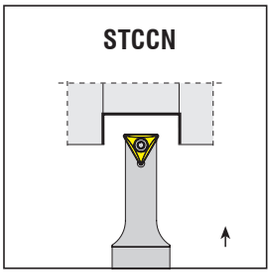




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | HF=H | B | LF | WF | | | | | |
| **STJCR/L 0808 E09** | ● | ● | 08 | 08 | 70 | 10 | **TC.. 0902..** | 3007-M2.2x4.6 | - | - | 82-T07 |
| **STJCR/L 1010 E09** | ● | ● | 10 | 10 | 70 | 12 | | | | | |
| **STJCR/L 1212 F11** | ● | ● | 12 | 12 | 80 | 16 | **TC.. 1102..** | 4008-M2.5x6 | | | 82-T08 |
| **STJCR/L 1616 H11** | ● | ● | 16 | 16 | 100 | 20 | | | | | |
| **STJCR/L 1616 H16** | ● | ● | 16 | 16 | 100 | 20 | **TC.. 16T3..** | 4015-M3.5x14 | AATN-2-0001 | AAV-06-M3.5x11 | 80-T15 |
| **STJCR/L 2020 K16** | ● | ● | 20 | 20 | 125 | 25 | | | | | |
| **STJCR/L 2525 M16** | ● | ● | 25 | 25 | 150 | 32 | | | | | |
| **STJCR/L 3232 P16** | ● | ● | 32 | 32 | 170 | 40 | | | | | |

**KAPR=90°**

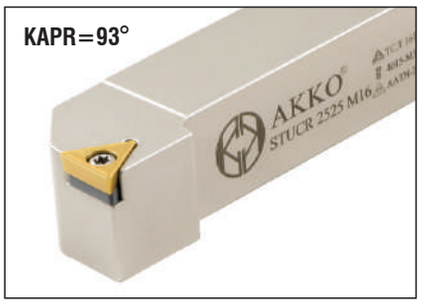


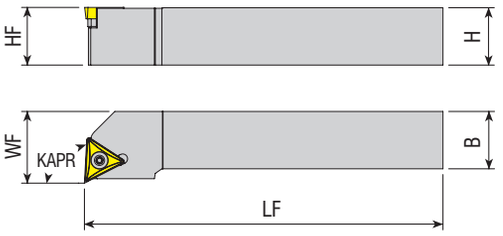



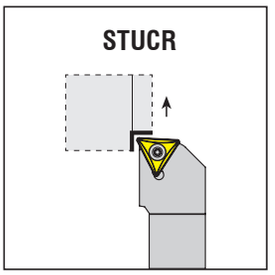

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | HF=H | B | LF | WF | LU | | | | | |
| **STCCN 2020 L11** | ● | 20 | 20 | 140 | 10 | 50 | **TC.. 1102..** | 4008-M2.5x6 | - | - | 82-T08 |
| **STCCN 1616 K16** | ● | 16 | 16 | 125 | 8 | 24 | **TC.. 16T3..** | 4015-M3.5x14 | AATN-2-0001 | AAV-06-M3.5x11 | 80-T15 |
| **STCCN 2020 M16** | ● | 20 | 20 | 150 | 10 | 30 | | | | | |
| **STCCN 2525 P16** | ● | 25 | 25 | 170 | 12.5 | 37.5 | | | | | |
| **STCCN 3232 R16** | ● | 32 | 32 | 200 | 16 | 48 | | | | | |
| **STCCN 2525 P22** | ● | 25 | 25 | 170 | 12.5 | 80 | **TC.. 2204..** | 4020-M4.5x12 | - | - | 80-T20 |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

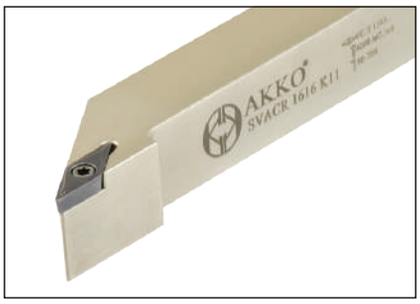
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück STJCR 0808 E09

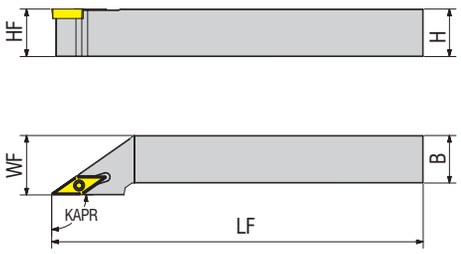


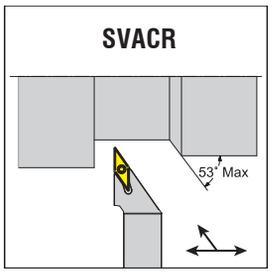




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | HF=H | B | LF | WF | | | | | |
| **STUCR/L 0808 E09** | ● | ● | 08 | 08 | 70 | 10 | **TC.. 0902..** | 3007-M2.2x4.6 | - | - | 82-T07 |
| **STUCR/L 1010 E09** | ● | ● | 10 | 10 | 70 | 12 | | | | | |
| **STUCR/L 1212 F11** | ● | ● | 12 | 12 | 80 | 16 | **TC.. 1102..** | 4008-M2.5x6 | | | 82-T08 |
| **STUCR/L 1616 H11** | ● | ● | 16 | 16 | 100 | 20 | | | | | |
| **STUCR/L 1616 H16** | ○ | ○ | 16 | 16 | 100 | 20 | **TC.. 16T3..** | 4015-M3.5x14 | AATN-2-0001 | AAV-06-M3.5x11 | 80-T15 |
| **STUCR/L 2020 K16** | ● | ● | 20 | 20 | 125 | 25 | | | | | |
| **STUCR/L 2525 M16** | ● | ● | 25 | 25 | 150 | 32 | | | | | |
| **STUCR/L 3232 P16** | ● | ● | 32 | 32 | 170 | 40 | | | | | |



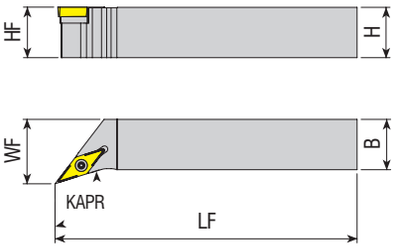



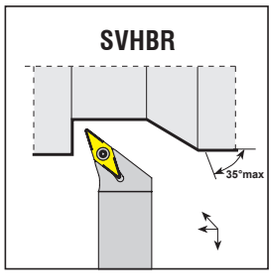




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | HF=H | B | LF | WF | | | | | |
| **SVACR/L 1212 K11** | ● | ● | 12 | 12 | 125 | 16 | **VC.. 1103..** | 4008-M2.5x6 | - | - | 82-T08 |
| **SVACR/L 1616 K11** | ● | ● | 16 | 16 | 125 | 20 | | | | | |
| **SVACR/L 2020 K11** | ● | ● | 20 | 20 | 125 | 25 | | | | | |

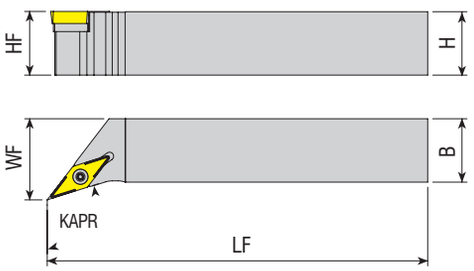
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock /*Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

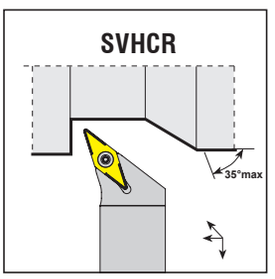
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück STUCR 0808 E09




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* R | Stok *Stock* *Lager* L | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H | B | LF | WF | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **SVHBR/L 1212 F11** | ● | ● | 12 | 12 | 80 | 16 | **VB.. 1103..** | 4008-M2.5x6 | - | - | 82-T08 |
| **SVHBR/L 1616 H11** | ● | ● | 16 | 16 | 100 | 20 | | | | | |
| **SVHBR/L 2020 K11** | ● | ● | 20 | 20 | 125 | 25 | | | | | |
| **SVHBR/L 2020 K16** | ● | ● | 20 | 20 | 125 | 25 | **VB.. 1604..** | 4015-M3.5x14 | AAVN-2-0002 | AAV-06-M3.5x11 | 80-T15 |
| **SVHBR/L 2525 M16** | ● | ● | 25 | 25 | 150 | 32 | | | | | |
| **SVHBR/L 3232 P16** | ● | ● | 32 | 32 | 170 | 40 | | | | | |

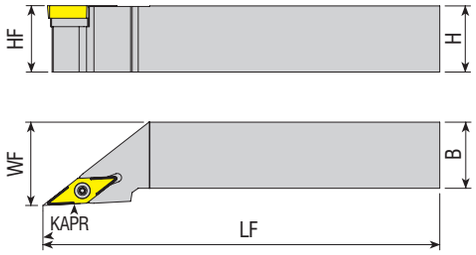


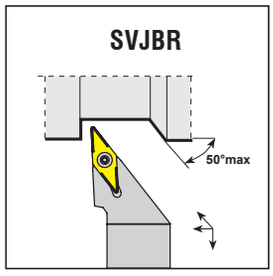



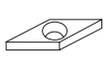

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* R | Stok *Stock* *Lager* L | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H | B | LF | WF | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **SVHCR/L 1212 F11** | ● | ● | 12 | 12 | 80 | 16 | **VC.. 1103..** | 4008-M2.5x6 | - | - | 82-T08 |
| **SVHCR/L 1616 H11** | ● | ● | 16 | 16 | 100 | 20 | | | | | |
| **SVHCR/L 2020 K11** | ● | ● | 20 | 20 | 125 | 25 | | | | | |
| **SVHCR/L 2020 K16** | ● | ● | 20 | 20 | 125 | 25 | **VC.. 1604...** | 4015-M3.5x14 | AAVN-2-0002 | AAV-06-M3.5x11 | 80-T15 |
| **SVHCR/L 2525 M16** | ● | ● | 25 | 25 | 150 | 32 | | | | | |
| **SVHCR/L 3232 P16** | ● | ● | 32 | 32 | 170 | 40 | | | | | |

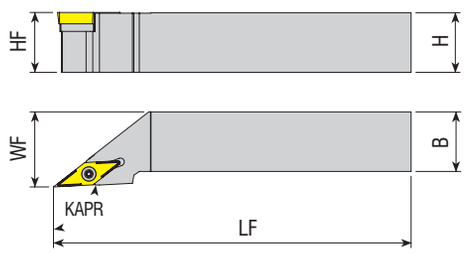
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock /*Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

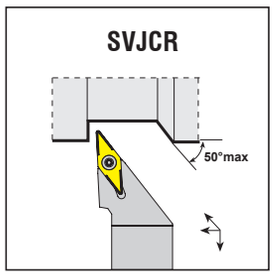
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück SVHBR 1212 F11

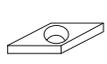



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| | R | L | HF=H | B | LF | WF | | |  | | |
| **SVJBR/L 1212 F11** | ● | ● | 12 | 12 | 80 | 16 | **VB.. 1103..** | 4008-M2.5x6 | - | - | 82-T08 |
| **SVJBR/L 1616 H11** | ● | ● | 16 | 16 | 100 | 20 | | | | | |
| **SVJBR/L 2020 K11** | ● | ● | 20 | 20 | 125 | 25 | | | | | |
| **SVJBR/L 1616 H16** | ● | ● | 16 | 16 | 100 | 20 | **VB.. 1604..** | 4015-M3.5x12 | AAVN-2-0002 | AAV-08-M3.5x8 | 80-T15 |
| **SVJBR/L 2020 K16** | ● | ● | 20 | 20 | 125 | 25 | | 4015-M3.5x14 | | AAV-06-M3.5x11 | |
| **SVJBR/L 2525 M16** | ● | ● | 25 | 25 | 150 | 32 | | | | | |
| **SVJBR/L 3232 P16** | ● | ● | 32 | 32 | 170 | 40 | | | | | |



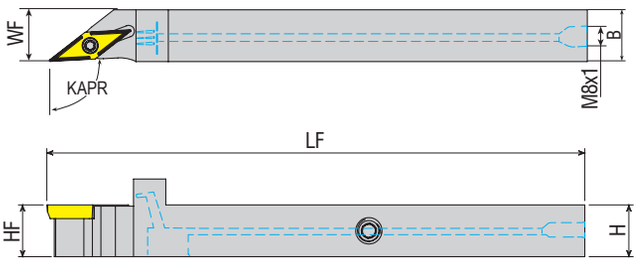



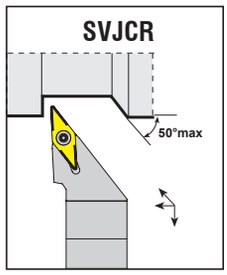

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| | R | L | HF=H | B | LF | WF | | |  | | |
| **SVJCR/L 1212 F11** | ● | ● | 12 | 12 | 80 | 16 | **VC.. 1103..** | 4008-M2.5x6 | - | - | 82-T08 |
| **SVJCR/L 1616 H11** | ● | ● | 16 | 16 | 100 | 20 | | | | | |
| **SVJCR/L 2020 K11** | ● | ● | 20 | 20 | 125 | 25 | | | | | |
| **SVJCR/L 2525 M11** | ● | ● | 25 | 25 | 150 | 32 | | | | | |
| **SVJCR/L 1212 F16** | ● | ● | 12 | 12 | 80 | 16 | **VC.. 1604...** | 4015-M3.5x11 | AAVN-2-0002 | AAV-06-M3.5x11 | 80-T15 |
| **SVJCR/L 2020 K16** | ● | ● | 20 | 20 | 125 | 25 | | 4015-M3.5x14 | | | |
| **SVJCR/L 2525 M16** | ● | ● | 25 | 25 | 150 | 32 | | | | | |
| **SVJCR/L 3232 P16** | ● | ● | 32 | 32 | 170 | 40 | | | | | |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück SVJBR 1212 F11

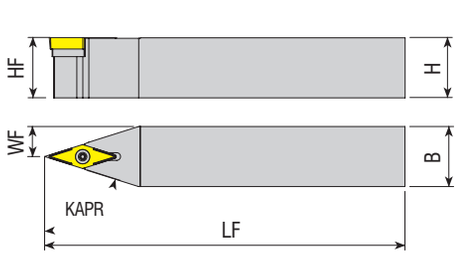
**KAPR=93°**

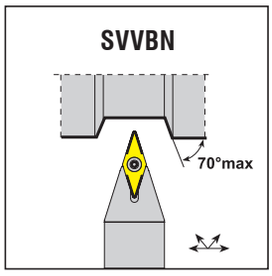



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* R | Stok *Stock* *Lager* L | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H | B | LF | WF | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Sızdırmaz Vida *Threaded Pin* *Gewindestift* | *Anahtar* *Allen Key* *Innensechskantschlüssel* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SVJCR/L 1212 K11-SHC** | ● | ○ | 12 | 12 | 125 | 12 | **VC.. 1103..** | 4008-M2.5x6 | - | - | 2703-M6X4 | AAL-03-3 | 82-T08 |
| **SVJCR/L 1616 K11-SHC** | ● | ○ | 16 | 16 | 125 | 16 | | | | | 2704-M8X1X5 | AAL-05-4 | |

**KAPR=72.5°**



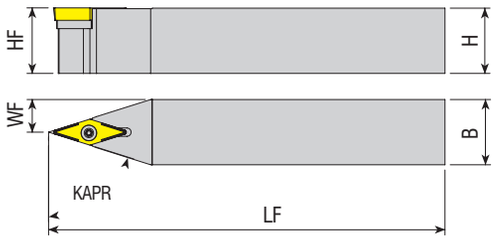



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H | B | LF | WF | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| **SVVBN 1212 F11** | ● | 12 | 12 | 80 | 06 | **VB.. 1103..** | 4008-M2.5x6 | - | - | 82-T08 |
| **SVVBN 1616 H11** | ● | 16 | 16 | 100 | 08 | | | | | |
| **SVVBN 2020 K11** | ● | 20 | 20 | 125 | 10 | | | | | |
| **SVVBN 2020 K16** | ● | 20 | 20 | 125 | 10 | **VB.. 1604..** | 4015-M3.5x14 | AAVN-2-0002 | AAV-06-M3.5x11 | 80-T15 |
| **SVVBN 2525 M16** | ● | 25 | 25 | 150 | 12.5 | | | | | |
| **SVVBN 3232 P16** | ● | 32 | 32 | 170 | 16 | | | | | |

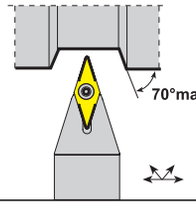
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock /*Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

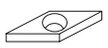
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück SVJCR 1212 K11-SHC

**KAPR=72.5°**



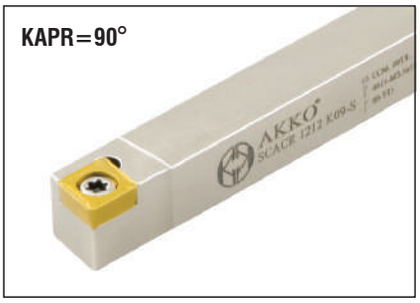

**SVVCN**

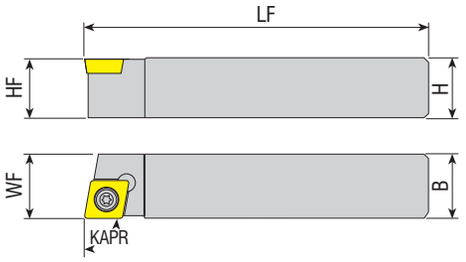



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | HF=H | B | LF | WF | | Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *Unterlage*  | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| **SVVCN 1212 F11** | ● | 12 | 12 | 80 | 06 | **VC.. 1103..** | 4008-M2.5x6 | - | - | 82-T08 |
| **SVVCN 1616 H11** | ● | 16 | 16 | 100 | 08 | | | | | |
| **SVVCN 2020 K11** | ● | 20 | 20 | 125 | 10 | | | | | |
| **SVVCN 2020 K16** | ● | 20 | 20 | 125 | 10 | **VC.. 1604...** | 4015-M3.5x14 | AAVN-2-0002 | AAV-06-M3.5x11 | 80-T15 |
| **SVVCN 2525 M16** | ● | 25 | 25 | 150 | 12.5 | | | | | |
| **SVVCN 3232 P16** | ● | 32 | 32 | 170 | 16 | | | | | |

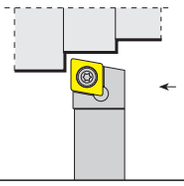
## S-SİSTEM İSVİÇRE TİPİ KAYAR OTOMAT MAKİNA TAKIMLARI
*S-SYSTEM TOOLS FOR SWISS TYPE SLIDING AUTOMATIC LATHES*
*S-SYSTEM FÜR LANGDREHAUTOMATEN*

**KAPR=90°**




**SCACR**

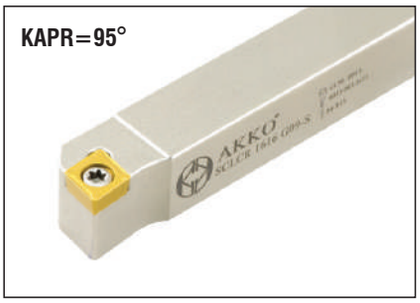


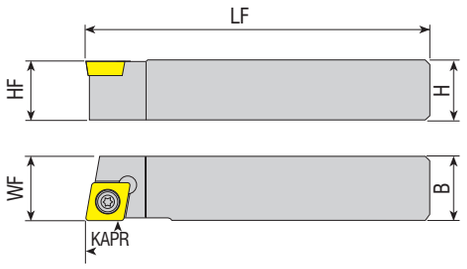
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | HF=H | B | LF | WF | | Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| **SCACR/L 0808 X06-S** | ● | ● | 08 | 08 | 115 | 08 | **CC.. 0602..** | 4008-M2.5x6 | - | - | 82-T08 |
| **SCACR/L 1010 K06-S** | ● | ○ | 10 | 10 | 125 | 10 | | | | | |
| **SCACR/L 1212 G06-S** | ● | ○ | 12 | 12 | 90 | 12 | | | | | |
| **SCACR/L 1212 K06-S** | ● | ○ | 12 | 12 | 125 | 12 | | | | | |
| **SCACR/L 1616 F06-S** | ○ | ○ | 16 | 16 | 75 | 16 | | | | | |
| **SCACR/L 1616 K06-S** | ○ | ○ | 16 | 16 | 125 | 16 | | | | | |
| **SCACR/L 1212 G09-S** | ○ | ○ | 12 | 12 | 90 | 12 | **CC.. 09T3..** | 4015-M3.5x11 | - | - | 80-T15 |
| **SCACR/L 1212 K09-S** | ● | ● | 12 | 12 | 125 | 12 | | | | | |
| **SCACR/L 1616 F09-S** | ○ | ○ | 16 | 16 | 75 | 16 | | | | | |
| **SCACR/L 1616 K09-S** | ● | ● | 16 | 16 | 125 | 16 | | | | | |
| **SCACR/L 2020 K09-S** | ● | ● | 20 | 20 | 125 | 20 | | | | | |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
●Stokta / In Stock /*Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

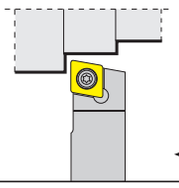
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück SVVCN 1212 F11

**KAPR=95°**



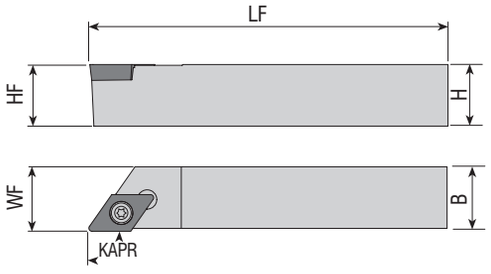



**SCLCR**

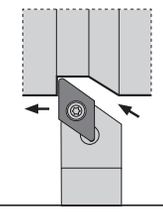


| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* R | L | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H | B | LF | WF | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **SCLCR/L 0808 X06-S** | ● | ● | 08 | 08 | 115 | 08 | **CC.. 0602..** | 4008-M2.5x6 | - | - | 82-T08 |
| **SCLCR/L 1010 X06-S** | ● | ○ | 10 | 10 | 115 | 10 | | | | | |
| **SCLCR/L 1212 G06-S** | ● | ● | 12 | 12 | 90 | 12 | | | | | |
| **SCLCR/L 1212 X06-S** | ● | ○ | 12 | 12 | 130 | 12 | | | | | |
| **SCLCR/L 1212 K06-S** | ○ | ● | 12 | 12 | 125 | 12 | | | | | |
| **SCLCR/L 1616 F06-S** | ● | ○ | 16 | 16 | 75 | 16 | | | | | |
| **SCLCR/L 1616 X06-S** | ● | ○ | 16 | 16 | 130 | 16 | | | | | |
| **SCLCR/L 1212 G09-S** | ● | ● | 12 | 12 | 90 | 12 | **CC.. 09T3..** | 4015-M3.5x11 | - | - | 80-T15 |
| **SCLCR/L 1212 X09-S** | ● | ○ | 12 | 12 | 130 | 12 | | | | | |
| **SCLCR/L 1616 F09-S** | ● | ○ | 16 | 16 | 75 | 16 | | | | | |
| **SCLCR/L 1616 G09-S** | ● | ○ | 16 | 16 | 90 | 16 | | | | | |
| **SCLCR/L 1616 X09-S** | ● | ○ | 16 | 16 | 115 | 16 | | | | | |
| **SCLCR/L 2020 X09-S** | ● | ○ | 20 | 20 | 120 | 20 | | | | | |

**KAPR=90°**




**SDACR**

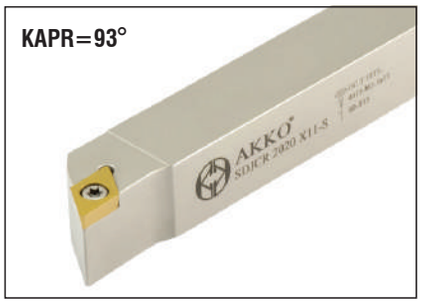


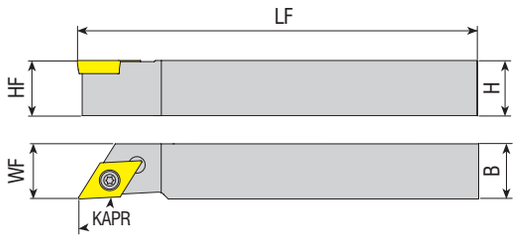
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* R | L | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H | B | LF | WF | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **SDACR/L 0808 X07-S** | ● | ● | 08 | 08 | 115 | 08 | **DC.. 0702..** | 4008-M2.5x6 | - | - | 82-T08 |
| **SDACR/L 1010 K07-S** | ● | ● | 10 | 10 | 125 | 10 | | | | | |
| **SDACR/L 1212 G07-S** | ○ | ○ | 12 | 12 | 90 | 12 | | | | | |
| **SDACR/L 1212 K07-S** | ● | ● | 12 | 12 | 125 | 12 | | | | | |
| **SDACR/L 1616 F07-S** | ● | ○ | 16 | 16 | 75 | 16 | | | | | |
| **SDACR/L 1616 K07-S** | ● | ● | 16 | 16 | 125 | 16 | | | | | |
| **SDACR/L 1212 G11-S** | ○ | ○ | 12 | 12 | 90 | 12 | **DC.. 11T3..** | 4015-M3.5x11 | - | - | 80-T15 |
| **SDACR/L 1212 K11-S** | ● | ● | 12 | 12 | 125 | 12 | | | | | |
| **SDACR/L 1616 F11-S** | ● | ● | 16 | 16 | 75 | 16 | | | | | |
| **SDACR/L 1616 K11-S** | ● | ● | 16 | 16 | 125 | 16 | | | | | |
| **SDACR/L 2020 K11-S** | ● | ● | 20 | 20 | 125 | 20 | | | | | |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock /*Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

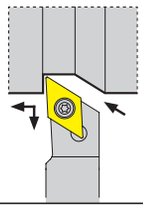
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück SCLCR 0808 X06-S

**KAPR=93°**



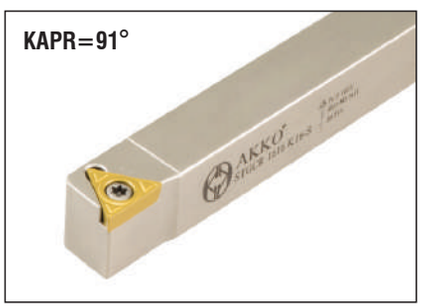


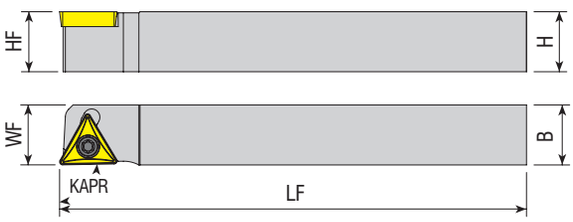

**SDJCR**



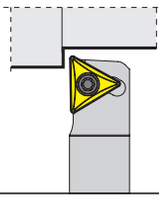
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| | R | L | HF=H | B | LF | WF | | | | | |
| **SDJCR/L 0808 X07-S** | ● | ○ | 08 | 08 | 115 | 08 | | | | | |
| **SDJCR/L 1010 X07-S** | ● | ● | 10 | 10 | 115 | 10 | | | | | |
| **SDJCR/L 1212 G07-S** | ● | ○ | 12 | 12 | 90 | 12 | | | | | |
| **SDJCR/L 1212 X07-S** | ● | ● | 12 | 12 | 130 | 12 | **DC.. 0702..** | 4008-M2.5x6 | - | - | 82-T08 |
| **SDJCR/L 1616 F07-S** | ● | ○ | 16 | 16 | 75 | 16 | | | | | |
| **SDJCR/L 1616 X07-S** | ● | ○ | 16 | 16 | 130 | 16 | | | | | |
| **SDJCR/L 2020 X07-S** | ● | ○ | 20 | 20 | 120 | 20 | | | | | |
| **SDJCR/L 1212 G11-S** | ● | ○ | 12 | 12 | 90 | 12 | | | | | |
| **SDJCR/L 1212 X11-S** | ● | ● | 12 | 12 | 130 | 12 | | | | | |
| **SDJCR/L 1212 K11-S** | ● | ● | 12 | 12 | 125 | 12 | | | | | |
| **SDJCR/L 1616 F11-S** | ● | ○ | 16 | 16 | 75 | 16 | **DC.. 11T3..** | 4015-M3.5x11 | - | - | 80-T15 |
| **SDJCR/L 1616 X11-S** | ● | ● | 16 | 16 | 130 | 16 | | | | | |
| **SDJCR/L 1616 K11-S** | ● | ● | 16 | 16 | 125 | 16 | | | | | |
| **SDJCR/L 2020 X11-S** | ● | ○ | 20 | 20 | 120 | 20 | | | | | |

**KAPR=91°**






**STGCR**

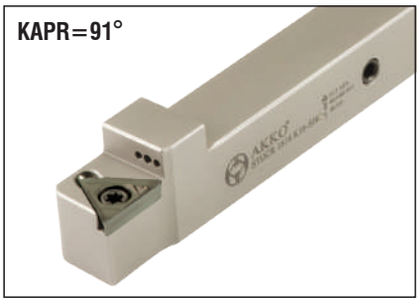


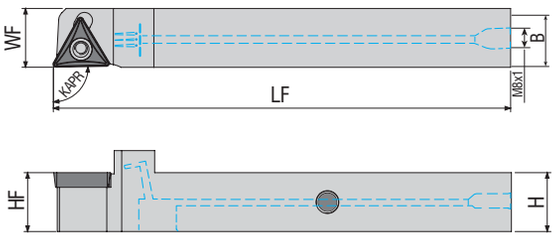
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| | R | L | HF=H | B | LF | WF | | | | | |
| **STGCR/L 1216 K11-S** | ● | ○ | 12 | 16 | 125 | 16 | **TC.. 1102..** | 4008-M2.5x6 | - | - | 82-T08 |
| **STGCR/L 1616 K11-S** | ● | ○ | 16 | 16 | 125 | 16 | | | | | |
| **STGCR/L 1216 K16-S** | ● | ○ | 12 | 16 | 125 | 16 | **TC.. 16T3..** | 4015-M3.5x11 | - | - | 80-T15 |
| **STGCR/L 1616 K16-S** | ● | ○ | 16 | 16 | 125 | 16 | | | | | |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

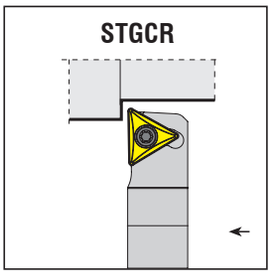
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück SDJCR 0808 X07-S

**KAPR=91°**



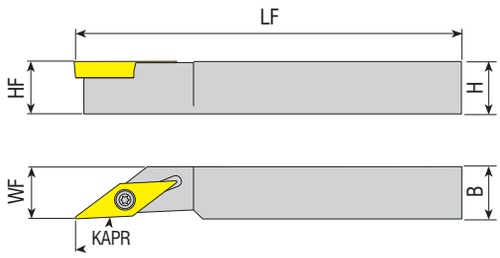



**STGCR**

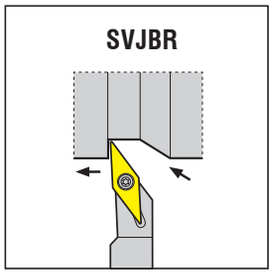


| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* R | L | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H | B | LF | WF | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Sızdırmaz Vida *Threaded Pin* *Gewindestift* | *Anahtar* *Allen Key* *Innensechskantschlüssel* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **STGCR/L 1216 K16-SHC** | ● | ○ | 12 | 16 | 125 | 16 | **TC.. 16T3..** | 4015-M3.5x11 | 2703-M6X4 | AAL-03-3 | 80-T15 |
| **STGCR/L 1616 K16-SHC** | ● | ○ | 16 | 16 | 125 | 16 | | | 2704-M8X1X5 | AAL-05-4 | |

**KAPR=93°**




**SVJBR**

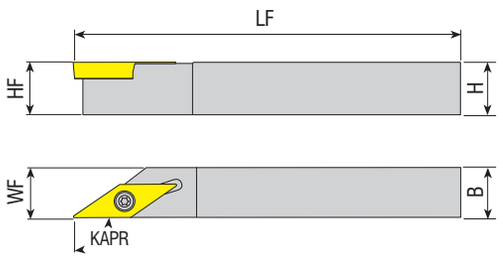


| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* R | L | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H | B | LF | WF | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **SVJBR/L 1616 K11-S** | ● | ● | 16 | 16 | 125 | 16 | **VB.. 1103..** | 4008-M2.5x6 | - | - | 82-T08 |

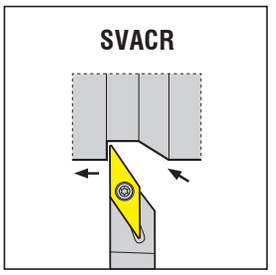
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

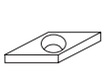
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück STGCR 1216 K16-SHC

**KAPR=90°**

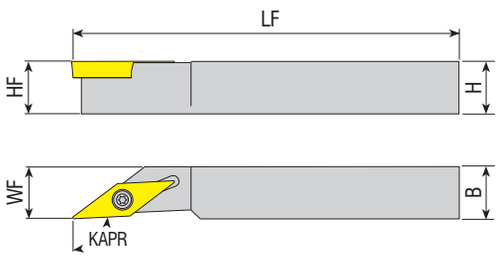



**SVACR**

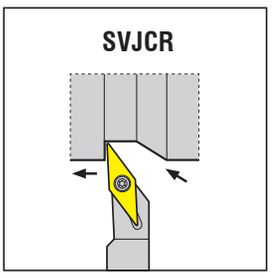


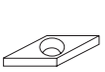
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| | R | L | HF=H | B | LF | WF | | |  | | |
| **SVACR/L 0808 X11-S** | ○ | ○ | 08 | 08 | 115 | 08 | | | | | |
| **SVACR/L 1010 K11-S** | ● | ○ | 10 | 10 | 125 | 10 | | | | | |
| **SVACR/L 1212 G11-S** | ○ | ○ | 12 | 12 | 90 | 12 | | | | | |
| **SVACR/L 1212 K11-S** | ● | ● | 12 | 12 | 125 | 12 | **VC.. 1103..** | 4008-M2.5x6 | - | - | 82-T08 |
| **SVACR/L 1616 F11-S** | ○ | ○ | 16 | 16 | 75 | 16 | | | | | |
| **SVACR/L 1616 K11-S** | ● | ● | 16 | 16 | 125 | 16 | | | | | |
| **SVACR/L 2020 K11-S** | ● | ● | 20 | 20 | 125 | 20 | | | | | |
| **SVACR/L 1212 K16-S** | ● | ● | 12 | 12 | 125 | 12 | **VC.. 1604...** | 4015-M3.5x11 | | | 80-T15 |
| **SVACR/L 1616 K16-S** | ● | ● | 16 | 16 | 125 | 16 | | | | | |

**KAPR=93°**



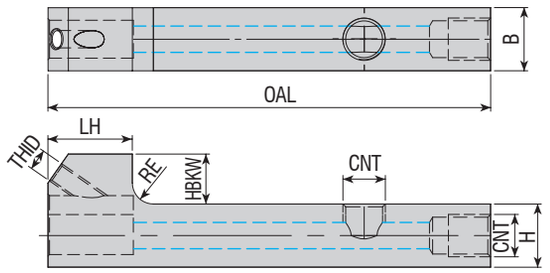

**SVJCR**



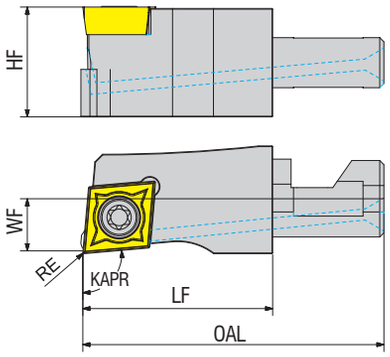
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| | R | L | HF=H | B | LF | WF | | |  | | |
| **SVJCR/L 0808 X11-S** | ● | ○ | 08 | 08 | 115 | 08 | | | | | |
| **SVJCR/L 1010 K11-S** | ● | ○ | 10 | 10 | 125 | 10 | | | | | |
| **SVJCR/L 1212 G11-S** | ● | ○ | 12 | 12 | 90 | 12 | | | | | |
| **SVJCR/L 1212 K11-S** | ● | ● | 12 | 12 | 125 | 12 | **VC.. 1103..** | 4008-M2.5x6 | - | - | 82-T08 |
| **SVJCR/L 1616 F11-S** | ○ | ○ | 16 | 16 | 75 | 16 | | | | | |
| **SVJCR/L 1616 K11-S** | ● | ○ | 16 | 16 | 125 | 16 | | | | | |
| **SVJCR/L 2020 K11-S** | ○ | ○ | 20 | 20 | 125 | 20 | | | | | |
| **SVJCR/L 1616 K16-S** | ● | ● | 16 | 16 | 125 | 16 | **VC.. 1604...** | 4015-M3.5x14 | AAVN-2-0002 | AAV-08-M3.5x8<br>AAV-06-M3.5x11 | 80-T15 |
| **SVJCR/L 2020 K16-S** | ● | ● | 20 | 20 | 125 | 20 | | | | | |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück SVACR 0808 X11-S




| Takım Kodu<br>*Ordering Code*<br>*Bestell-Bezeichnung* | Stok<br>*Stock*<br>*Lager* | Takım Ölçüleri (mm)<br>*Dimension (mm)*<br>*Abmessung (mm)* | | | | | | | | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | H | B | RE | HBKW | LH | OAL | CNT | THID | Sızdırmaz Vida<br>*Threaded Pin*<br>*Gewindestift* | Montaj Vidası<br>*Mounting Screw*<br>*Монтажный винт* | Anahtar<br>*Allen Key*<br>Innensechskantschlüssel |
| **ASTB-1212-L84-H** | ● | 12 | 12 | 4 | 9.5 | 16 | 84 | M8X1X5 | M4x0.7 | 2704-M8X1X5 | 2503-M4x12-C | AAL-03-3 |
| **ASTB-1616-L90-H** | ● | 16 | 16 | 1 | 5.5 | 16 | 90 | M8X1X5 | M4x0.7 | | | |

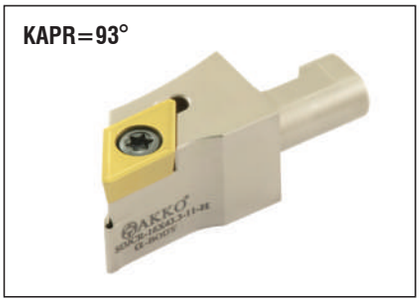


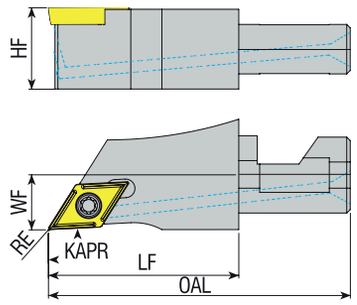

| Takım Kodu<br>*Ordering Code*<br>*Bestell-Bezeichnung* | Stok<br>*Stock*<br>*Lager* | | Takım Ölçüleri (mm)<br>*Dimension (mm)*<br>*Abmessung (mm)* | | | | | Kesici Uç<br>*Insert*<br>*Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | HF | WF | RE | LF | OAL | | Sıkma Vidası<br>*Screw*<br>*Klemmschraube* | Tork Anahtar<br>*Torx Key*<br>*Torx-Schlüssel* |
| **SCLCR/L-12X43.3-06-H** | ● | ● | 11.8 | 8 | 0.2 | 27.3 | 43.3 | **CC.. 0602..** | 4008-M2.5x6 | 82-T08 |
| **SCLCR/L-16X43.3-06-H** | ● | ● | 15.8 | 8 | 0.2 | 27.3 | 43.3 | | | |
| **SCLCR/L-12X43.3-09-H** | ● | ● | 11.8 | 8 | 0.2 | 27.3 | 43.3 | **CC.. 09T3..** | 4015-M3.5x8 | 80-T15 |
| **SCLCR/L-16X43.3-09-H** | ● | ● | 15.8 | 8 | 0.2 | 27.3 | 43.3 | | | |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ASTB-1212-L84-H

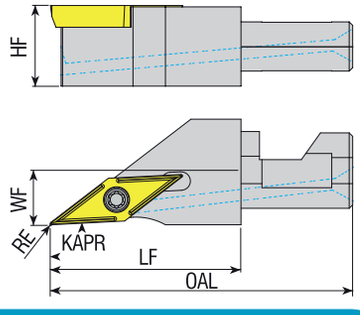
**KAPR=93°**






| Takım Kodu *Ordering Code* Bestell-Bezeichnung | Stok *Stock* *Lager* R | L | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF | WF | RE | LF | OAL | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| **SDJCR/L-12X43.3-07** | ● | ● | 11.8 | 8 | 0.2 | 27.3 | 43.3 | **DC.. 0702..** | 4008-M2.5x6 | 82-T08 |
| **SDJCR/L-12X43.3-07-H** | ● | ● | 11.8 | 8 | 0.2 | 27.3 | 43.3 | | | |
| **SDJCR/L-16X43.3-07** | ● | ● | 15.8 | 8 | 0.2 | 27.3 | 43.3 | | | |
| **SDJCR/L-16X43.3-07-H** | ● | ● | 15.8 | 8 | 0.2 | 27.3 | 43.3 | | | |
| **SDJCR/L-12X43.3-11** | ● | ● | 11.8 | 8 | 0.2 | 27.3 | 43.3 | **DC.. 11T3..** | 4015-M3.5x9 | 80-T15 |
| **SDJCR/L-12X43.3-11-H** | ● | ● | 11.8 | 8 | 0.2 | 27.3 | 43.3 | | | |
| **SDJCR/L-16X43.3-11** | ● | ● | 15.8 | 8 | 0.2 | 27.3 | 43.3 | | | |
| **SDJCR/L-16X43.3-11-H** | ● | ● | 15.8 | 8 | 0.2 | 27.3 | 43.3 | | | |

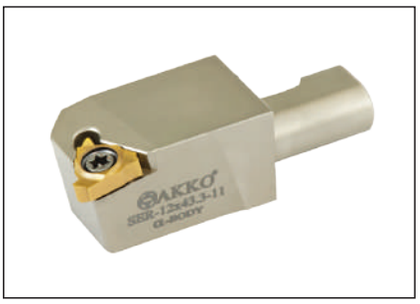
**KAPR=93°**

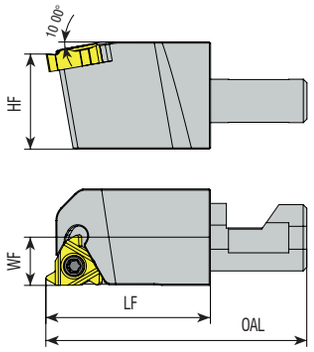



| Takım Kodu *Ordering Code* Bestell-Bezeichnung | Stok *Stock* *Lager* R | L | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF | WF | RE | LF | OAL | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| **SVJCR/L-12X43.3-11** | ● | ● | 11.8 | 8 | 0.2 | 27.3 | 43.3 | **VC.. 1103..** | 4008-M2.5x6 | 82-T08 |
| **SVJCR/L-12X43.3-11-H** | ● | ● | 11.8 | 8 | 0.2 | 27.3 | 43.3 | | | |
| **SVJCR/L-16X43.3-11** | ● | ● | 15.8 | 8 | 0.2 | 27.3 | 43.3 | | | |
| **SVJCR/L-16X43.3-11-H** | ● | ● | 15.8 | 8 | 0.2 | 27.3 | 43.3 | | | |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

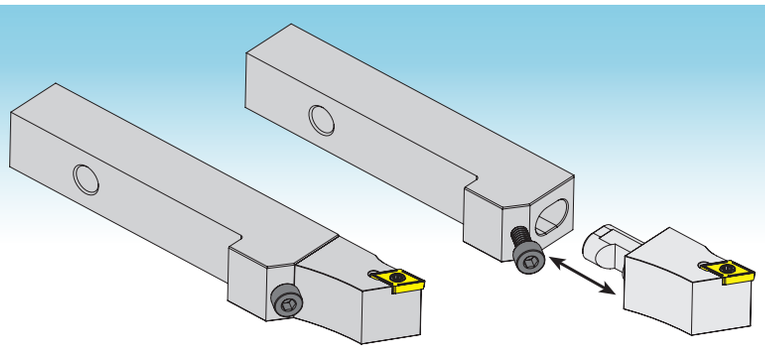
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück SDJCR/L 12X43.3-07



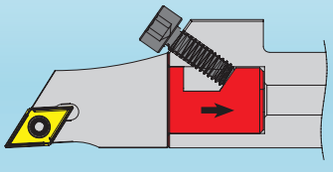


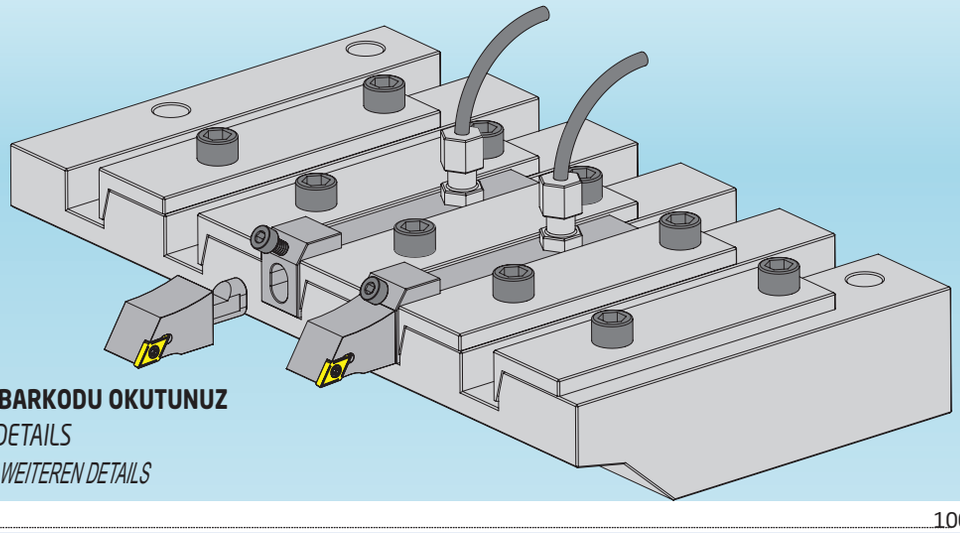

| Takım Kodu / Ordering Code / Bestell-Bezeichnung | Stok / Stock / Lager | | Takım Ölçüleri (mm) / Dimension (mm) / Abmessung (mm) | | | | Kesici Uç / Insert / Wendeschneidplatte | Yedek Parçaları / Spare Parts / Ersatzteile | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Sıkma Vidası / Screw / Klemmschraube | Sağ Altlık / Right Shim / U-Platte für WSP rechts | Sol Altlık / Left Shim / U-Platte für WSP rechts | Altlık Vidası / Shim Screw / Schraube für Unterlage | Altlık Vidası Pulu / Shim Screw Ring / Schraube für Unterlegenring | Tork Anahtar / Torx Key / Torx-Schlüssel |
| | R | L | OAL | LF | WF | HF | | | | | | | |
| SER/L-12x43.3-11 | ● | ● | 43.3 | 27.3 | 8 | 11.8 | 11 ER/EL | 4008-M2.5x6 | - | - | - | - | 82-T08 |
| SER/L-16x43.3-11 | ● | ● | 43.3 | 27.3 | 8 | 15.8 | | | | | | | |
| TER/L-16x43.3-16 | ● | ● | 43.3 | 27.3 | 8 | 15.8 | 16 ER/EL | 1710-U5-40x12.2 | ATS-16E | ATS-16I | AAV-11-U5-40x4.5 | ABPL-03 | 82-T10 |

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück SER-12x43.3-11



| | | |
|---|---|---|
| Takım tutucuyu, bağlama ünitesinden sökme zorunluğu kalmadan hızlıca değiştirin! | Quick change, without having to remove the tool-holder from the gang ! | Es ist nicht nötig, den Grundhalter vom Werkzeugträger zu entfernen schnelle wechsel möglich! |
| Makina dışında ön ayar yapmak mümkün. | Presetting is possible outside of the machine. | Voreinstellung ausserhalb der Maschine ist möglich. |
| Çok hassas montaj. | Ultra precise fitting. | Ultra-präziser Montage. |
| Rijit sabitleme. | Rigid fixation. | Starre Befestigung. |
| Takım tutucu bölümü: 12x12 ve 16x16 mm. | Tool-holder section : 12x12 and 16x16 mm. | Grundhalter: 12x12 und 16x16mm. |
| Sağ ve sol uçlar kullanılır. | Left and right inserts available. | Links und Rechts WSP verwendbar. |





**DETAYLI BİLGİ İÇİN BARKODU OKUTUNUZ**
*SCAN ME FOR MORE DETAILS*
*SCANNEN SIE MICH NACH WEITEREN DETAILS*

AKKO®

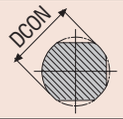
# DELİK TORNA TAKIMLARI
## *INTERNAL TURNING TOOLHOLDERS*
## *DREHWERKZEUGE FÜR DIE INNENBEARBEITUNG*

| S | 25 | S | P | C | L | N | R | 12 | C |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |

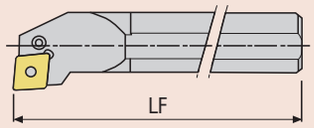
## 1 Takım Malzemesi / *Type of Boring Bar* / *Art der Bohrstange*

"A" Yekpare çelik gövde soğutma suyu kanallı / *"A" Solid steel with coolant hole*
*""A" Vollstahlausführung mit innere Kühlmittelzufuhr"*E" Çelik başlıkla sert matal gövde ve soğutma suyu kanallı / *"E" Carbide bar with fixed steel head and coolant hole*
*"E" Hartmetallschaft mit Kopf aus Stahl und innere Kühlmittelzufuhr*
"C" Karbür Şaft / *"C" Carbide shank* / *"C" Hartmetallschaft mit Kopf aus Stahl ohne innere Kühlmittelzufuhr*
"S" Çelik Şaft / *"S" Steel shank* / *"S" Vollstahlausführung ohne innere Kühlmittelzufuhr*

## 2 Şaft Çapı / *Shank Diameter* / *Schaft Durchmesser*




## 3 Şaft Boyu / *Shank Length* / *Schaft Länge*



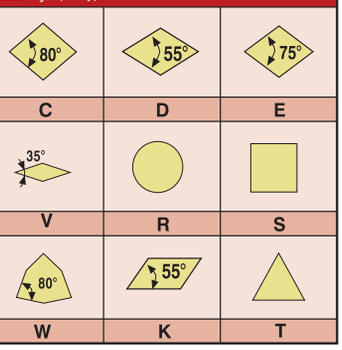

(mm)

| | | | |
|---|---|---|---|
| A - 32 | H - 100 | Q - 180 | x-special |
| B - 40 | J - 110 | R - 200 | |
| C - 50 | K - 125 | S - 250 | |
| D - 60 | L - 140 | T - 300 | |
| E - 70 | M - 150 | U - 350 | |
| F - 80 | N - 160 | V - 400 | |
| G - 90 | P - 170 | W - 450 | |

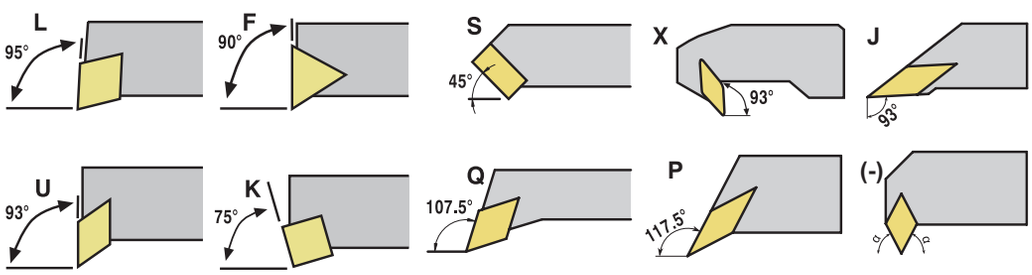
## 4 Sıkma Tipi / *Method of Mounting of Insert* / *Art der Schneideplattenbefestigung*

| C | T | M | P | S |
|---|---|---|---|---|
| Deliksiz Üstten Sıkma *Top Clamping Without Hole* *Pratzenklemmung* | Üstten Delikle Sıkma *Top and Hole Clamping* *Keilspannpratzensystem* | Üstten ve Delikten Sıkma *Top and Hole Clamping* *Keilspannpratzensystem* | Delikten Levye ile Sıkma *Hole Clamping (Lever Lock)* *Kniehebel-Spannsystem* | Vida ile Sıkma *Screw on* *Schrauben-Spannsystem* |

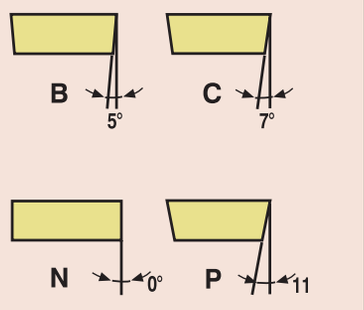
## 5 Uç Tipi / *Type of Insert* / *Plattenform*



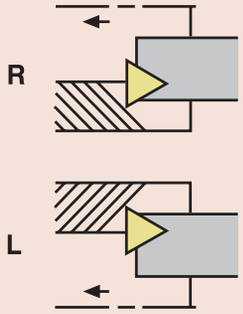

## 6 Yanaşma Açısı / *Tool Holder Shape Bar Geometry* / *Anstellwinkel*



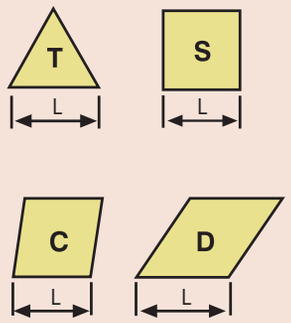

## 7 Serbest Uç Açısı *Insert Clearance Ange* *Freiwinkel*



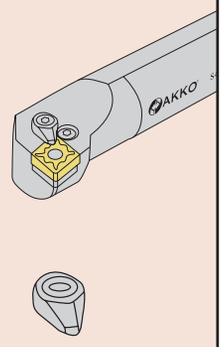

## 8 Kesme Yönü *Cutting Direction* *Halterausführung*




## 9 Kesme Kenar Uzunluğu *Cutting Edge Length* *Schneidkantenlänge*




## 10 Baskı Pabucu *Wedge Clamp* *Spannpratze*



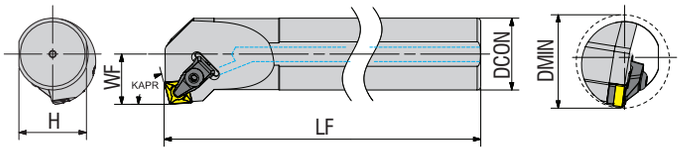
AKKO®

*konuşulan*
*the spoken kalite...*
*quality...*

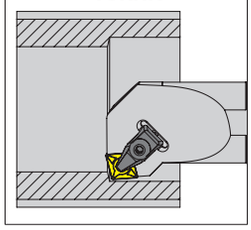
# T&C-SİSTEM

**T&C SİSTEM DELİK TORNA KATERLERİ**
*T&C SYSTEM BORING BARS*
*T&C SYSTEM BOHRSTANGE*

**KAPR=75°**

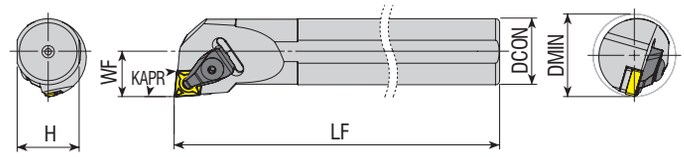



**TCKNR**

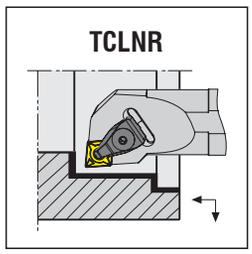


| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Segman *Ring* *Feder* | Pul *Stamp* *Ring* | Anahtar *Allen Key* *Innensechskantschlüssel* |
| | R | L | DCON | H | LPR | WF | DMIN | | | | | | | | |
| **A32T TCKNR/L 16** | ● | ○ | 32 | 30 | 300 | 22 | ≥40 | | | | | | | | |
| **A40U TCKNR/L 16** | ● | ○ | 40 | 37.5 | 350 | 27 | ≥50 | **CN.. 1606..** | ATK-04 | AKV-19-M7x25 | AACN-3-0002 | AAV-05-M6x15 | AS-02 | ABPL-02 | AAL-05-4 |
| new **S50V TCKNR/L 16** | ● | ● | 50 | 47 | 400 | 35 | ≥63 | | | | | | | | |

**KAPR=95°**




**TCLNR**

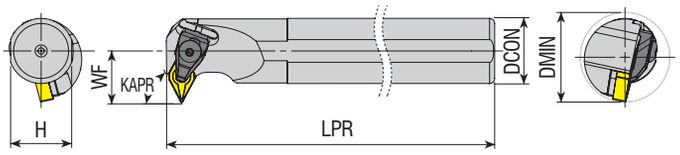


| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Segman *Ring* *Feder* | Pul *Stamp* *Ring* | Anahtar *Allen Key* *Innensechskantschlüssel* |
| | R | L | DCON | H | LF | WF | DMIN | | | | | | | | |
| **S25S TCLNR/L 09** | ● | ● | 25 | 23 | 250 | 17 | ≥32 | **CN.. 0903..** | ATK-01 | AKV-01-M5x22 | AACN -2-0001 | AAV-09-M5x9 | - | | |
| **S25S TCLNR/L 12** | ● | ● | 25 | 23 | 250 | 17 | ≥32 | | | | | AAV-13-M5x8 | | | |
| **S32T TCLNR/L 12** | ● | ● | 32 | 30 | 300 | 22 | ≥40 | **CN.. 1204..** | ATK-02 | AKV-30-M6x22 | AACN -3-0001 | AAV-02-M5x12 | AS-01 | ABPL-01 | AAL-03-3 |
| **S40U TCLNR/L 12** | ● | ● | 40 | 37.5 | 350 | 27 | ≥50 | | | | | | | | |
| **S50V TCLNR/L 12** | ● | ● | 50 | 47 | 400 | 35 | ≥63 | | | | | | | | |
| **S32T TCLNR/L 16** | ● | ● | 32 | 30 | 300 | 22 | ≥40 | | | | | | | | |
| **S40U TCLNR/L 16** | ● | ● | 40 | 37.5 | 350 | 27 | ≥50 | **CN.. 1606..** | ATK-04 | AKV-19-M7x25 | AACN -3-0002 | AAV-05-M6x15 | AS-02 | ABPL-02 | AAL-05-4 |
| **S50V TCLNR/L 16** | ● | ● | 50 | 47 | 400 | 35 | ≥63 | | | | | | | | |
| **A25R TCLNR/L 12** | ● | ○ | 25 | 23 | 200 | 17 | ≥32 | | | | | AAV-13-M5x8 | | | |
| **A40T TCLNR/L 12** | ● | ○ | 40 | 37.5 | 300 | 27 | ≥50 | **CN.. 1204..** | ATK-02 | AKV-30-M6x22 | AACN -3-0001 | AAV-02-M5x12 | AS-01 | ABPL-01 | AAL-03-3 |
| **A50V TCLNR/L 12** | ○ | ● | 50 | 47 | 400 | 35 | ≥63 | | | | | | | | |

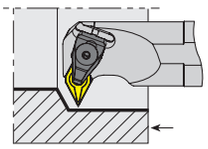
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück A32T TCKNR 16

**KAPR=62.5°**

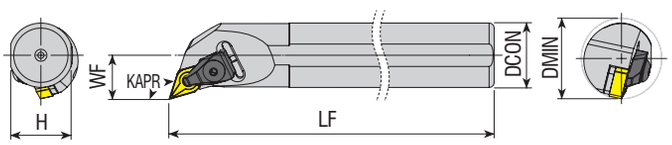



**TD-NR**

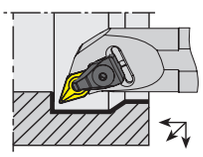


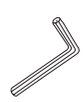
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Segman *Ring* *Feder* | Pul *Stamp* *Ring* | Anahtar *Allen Key* Innensechskantschlüssel |
| | R | L | DCON | H | LPR | WF | DMIN | | | | | | | | |
| **S32T TD-NR/L 15** | ● | ● | 32 | 30 | 300 | 26 | ≥44 | **DN.. 1506..** | ATK-02 | AKV-30-M6x22 | AADN-3-0001 | AAV-02-M5x12 | AS-01 | ABPL-01 | AAL-03-3 |
| **S40U TD-NR/L 15** | ● | ● | 40 | 37.5 | 350 | 29 | ≥52 | | | | | | | | |
| **S50V TD-NR/L 15** | ● | ● | 50 | 47 | 400 | 35 | ≥63 | | | | | | | | |

**KAPR=107.5°**




**TDQNR**

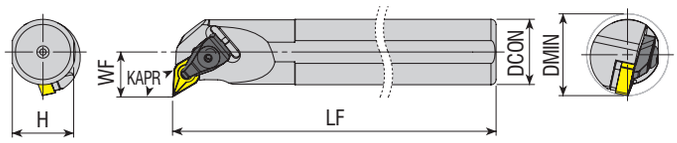


| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Segman *Ring* *Feder* | Pul *Stamp* *Ring* | Anahtar *Allen Key* Innensechskantschlüssel |
| | R | L | DCON | H | LF | WF | DMIN | | | | | | | |  |
| **S25S TDQNR/L 11** | ● | ● | 25 | 23 | 250 | 17 | ≥32 | **DN.. 1104..** | ATK-01 | AKV-01-M5x22 | AADN -2-0001 | AAV-09-M5x9 | - | ABPL-01 | AAL-03-3 |
| **S32T TDQNR/L 11** | ● | ● | 32 | 30 | 300 | 22 | ≥40 | | | | | AAV-04-M5x12 | | | |
| **S25S TDQNR/L 15** | ● | ● | 25 | 23 | 250 | 17 | ≥32 | **DN.. 1506..** | ATK-02 | AKV-30-M6X22 | AADN-3-0001 | AAV-13-M5X8 | AS-01 | | |
| **S32T TDQNR/L 15** | ● | ● | 32 | 30 | 300 | 22 | ≥40 | | | | | AAV-02-M5x12 | | | |
| **S40U TDQNR/L 15** | ● | ● | 40 | 37.5 | 350 | 27 | ≥50 | | | | | | | | |
| **S50V TDQNR/L 15** | ● | ● | 50 | 47 | 400 | 35 | ≥63 | | | | | | | | |

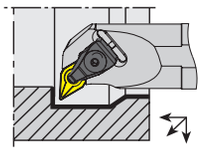
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück S32T TD-NR 15

**KAPR=93°**

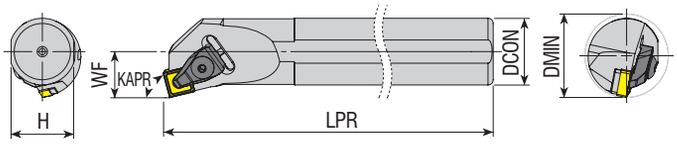



**TDUNR**

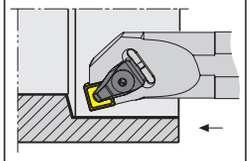


| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Segman *Ring* *Feder* | Pul *Stamp* *Ring* | Anahtar *Allen Key* Innensechskantschlüssel |
| | R | L | DCON | H | LF | WF | DMIN | | | | | | | | |
| **S25S TDUNR/L 11** | ● | ● | 25 | 23 | 250 | 17 | ≥32 | **DN.. 1104..** | ATK-01 | AKV-01-M5x22 | AADN -2-0001 | AAV-09-M5x9 | - | ABPL-01 | AAL-03-3 |
| **S32T TDUNR/L 11** | ● | ● | 32 | 30 | 300 | 22 | ≥40 | | | | | AAV-04-M5x12 | | | |
| **S25S TDUNR/L 15** | ● | ● | 25 | 23 | 250 | 17 | ≥34 | **DN.. 1506..** | ATK-02 | AKV-30-M6x22 | AADN -3-0001 | AAV-13-M5x8 | AS-01 | | |
| **S32T TDUNR/L 15** | ● | ● | 32 | 30 | 300 | 22 | ≥40 | | | | | AAV-02-M5x12 | | | |
| **S40U TDUNR/L 15** | ● | ● | 40 | 37.5 | 350 | 27 | ≥50 | | | | | | | | |
| **S50V TDUNR/L 15** | ● | ● | 50 | 47 | 400 | 35 | ≥63 | | | | | | | | |
| **A40T TDUNR/L 15** | ● | ● | 40 | 37.5 | 300 | 27 | ≥50 | | | | | | | | |

**KAPR=75°**




**TSKNR**

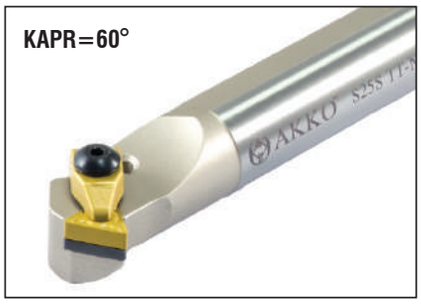


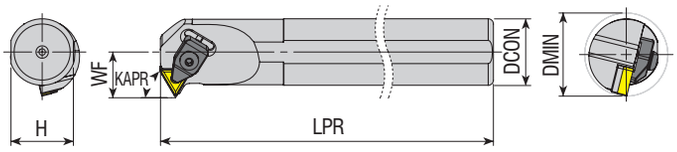
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Segman *Ring* *Feder* | Pul *Stamp* *Ring* | Anahtar *Allen Key* Innensechskantschlüssel |
| | R | L | DCON | H | LPR | WF | DMIN | | | | | | | | |
| **S25S TSKNR/L 12** | ● | ● | 25 | 23 | 250 | 17 | ≥32 | **SN.. 1204..** | ATK-02 | AKV-30-M6x22 | AASN -3-0004 | AAV-13-M5x8 | AS-01 | ABPL-01 | AAL-03-3 |
| **S32T TSKNR/L 12** | ● | ● | 32 | 30 | 300 | 22 | ≥40 | | | | | AAV-02-M5x12 | | | |
| **S40U TSKNR/L 12** | ● | ● | 40 | 37.5 | 350 | 27 | ≥50 | | | | | | | | |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

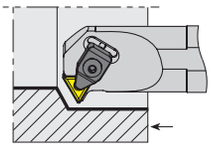
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück S25S TDUNR 11

**KAPR=60°**



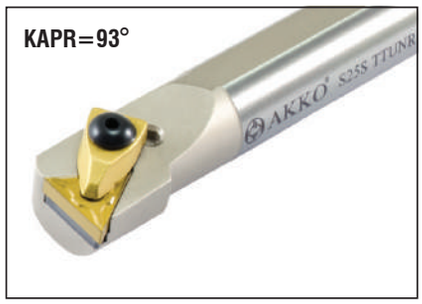



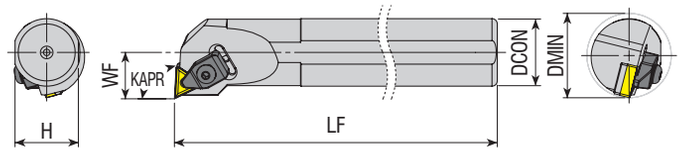

**TT-NR**



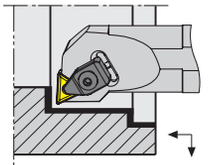
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Yay *Spring* *Feder* | Pul *Stamp* *Ring* | Anahtar *Allen Key* *Innensechskantschlüssel* |
| | R | L | DCON | H | LPR | WF | DMIN | | | | | | | | |
| **S25S TT-NR/L 16** | ● | ● | 25 | 23 | 250 | 17 | ≥32 | **TN.. 1604..** | ATK-01 | AKV-01-M5x22 | AATN-2-0002 | AAV-03-M5x12 | - | ABPL-01 | AAL-03-3 |
| **S32T TT-NR/L 16** | ● | ● | 32 | 30 | 300 | 22 | ≥40 | | | | | | | | |
| new **S40U TT-NR/L 16** | ● | ● | 40 | 37.5 | 350 | 27 | ≥50 | | | | | | | | |

**KAPR=93°**




**TTUNR**

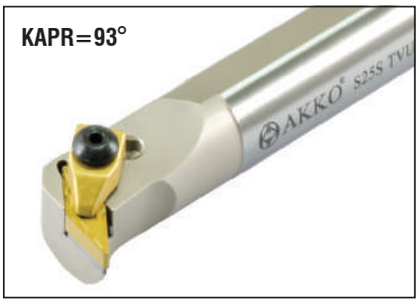


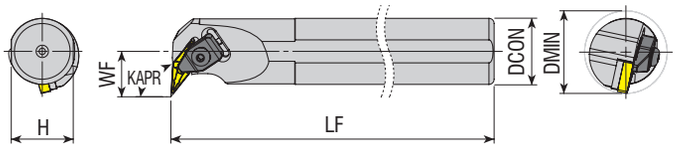
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Segman *Ring* *Feder* | Pul *Stamp* *Ring* | Anahtar *Allen Key* *Innensechskantschlüssel* |
| | R | L | DCON | H | LF | WF | DMIN | | | | | | | | |
| **S25S TTUNR/L 16** | ● | ● | 25 | 23 | 250 | 17 | ≥32 | **TN.. 1604..** | ATK-01 | AKV-01-M5x22 | AATN -2-0002 | AAV-03-M5x12 | - | ABPL-01 | AAL-03-3 |
| **S32T TTUNR/L 16** | ● | ● | 32 | 30 | 300 | 22 | ≥40 | | | | | | | | |
| **S25S TTUNR/L 22** | ● | ● | 25 | 23 | 250 | 17 | ≥32 | **TN.. 2204..** | ATK-02 | AKV-30-M6x22 | AATN -3-0015 | AAV-02-M5x12 | AS-01 | | |
| **S32T TTUNR/L 22** | ● | ● | 32 | 30 | 300 | 22 | ≥40 | | | | | | | | |
| **S40U TTUNR/L 22** | ● | ● | 40 | 37.5 | 350 | 27 | ≥50 | | | | | | | | |
| **S50V TTUNR/L 22** | ● | ● | 50 | 47 | 400 | 35 | ≥63 | | | | | | | | |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

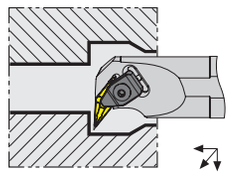
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück S25S TT-NR 16

**KAPR=93°**



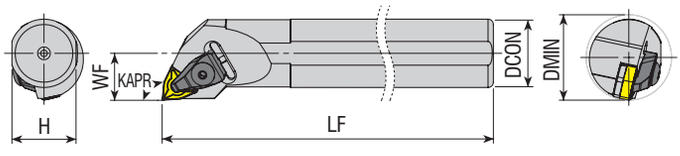




**TVUNR**

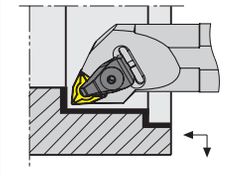


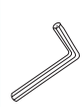
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Yay *Spring* *Feder* | Pul *Stamp* *Ring* | Anahtar *Allen Key* Innensechskantschlüssel |
| | R | L | DCON | H | LF | WF | DMIN | | | | | | | | |
| **S25S TVUNR/L 16** | ● | ● | 25 | 23 | 250 | 20 | ≥36 | **VN.. 1604..** | ATK-01 | AKV-01-M5x22 | AAVN -2-0002 | AAV-04-M5x12 | - | ABPL-01 | AAL-03-3 |
| **S32T TVUNR/L 16** | ● | ● | 32 | 30 | 300 | 22 | ≥40 | | | | | | | | |
| **S40U TVUNR/L 16** | ● | ● | 40 | 37.5 | 350 | 27 | ≥50 | | | | | | | | |

**KAPR=95°**




**TWLNR**

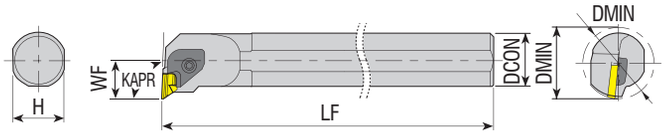


| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Segman *Ring* *Feder* | Pul *Stamp* *Ring* | Anahtar *Allen Key* Innensechskantschlüssel |
| | R | L | DCON | H | LF | WF | DMIN | | | | | | | |  |
| **S25S TWLNR/L 06** | ● | ● | 25 | 23 | 250 | 17 | ≥32 | **WN.. 0604..** | ATK-01 | AKV-01-M5x22 | AAWN -SW317 | AAV-01-M3x10 | - | | |
| **S32T TWLNR/L 06** | ● | ● | 32 | 30 | 300 | 22 | ≥40 | | | | | | | | |
| **S25S TWLNR/L 08** | ● | ● | 25 | 23 | 250 | 17 | ≥32 | **WN.. 0804..** | ATK-02 | AKV-30-M6x22 | AAWN -3-0001 | AAV-13-M5x8<br>AAV-02-M5x12 | AS-01 | ABPL-01 | AAL-03-3 |
| **S32T TWLNR/L 08** | ● | ● | 32 | 30 | 300 | 22 | ≥40 | | | | | | | | |
| **S40U TWLNR/L 08** | ● | ● | 40 | 37.5 | 350 | 27 | ≥50 | | | | | | | | |
| **S50V TWLNR/L 08** | ● | ● | 50 | 47 | 400 | 35 | ≥63 | | | | | | | | |
| **A32S TWLNR/L 08** | ● | ● | 32 | 23 | 250 | 22 | ≥40 | | | | | | | | |
| **A40T TWLNR/L 08** | ● | ● | 40 | 37.5 | 300 | 27 | ≥50 | | | | | | | | |
| **A50U TWLNR/L 08** | ● | ● | 50 | 47 | 350 | 35 | ≥63 | | | | | | | | |

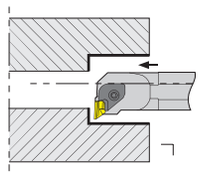
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück S25S TVUNR 16

**KAPR=93°**

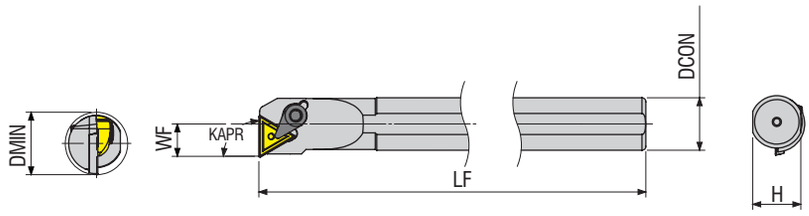



**CKUNR**



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Yay *Spring* *Feder* | Pul *Stamp* *Ring* | Anahtar *Allen Key* *Innensechskantschlüssel* |
| | R | L | DCON | H | LF | WF | DMIN | | | | | | | | |
| **S25S CKUNR/L 16** | ● | ● | 25 | 23 | 250 | 19 | ≥38 | **KNUX 1604..** | ACK-01-R ACK-02-L | AKV-06-M6x20 | AKS-16-R AKS-16-L | AAV-01-M3x10 | AKY-02 | ABPL-01 | AAL-05-4 |
| **S32T CKUNR/L 16** | ● | ● | 32 | 30 | 300 | 22 | ≥40 | | | | | | | | |
| **S40U CKUNR/L 16** | ● | ● | 40 | 37.5 | 350 | 27 | ≥50 | | | | | | | | |
| **S50V CKUNR/L 16** | ● | ● | 50 | 47 | 400 | 35 | ≥63 | | | | | | | | |

**KAPR=90°**




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Segman *Ring* *Feder* | Pul *Stamp* *Ring* | Anahtar *Allen Key* *Innensechskantschlüssel* |
| | R | L | DCON | H | LF | WF | DMIN | | | | | | | | |
| **S20S CTFPR/L 16** | ● | ○ | 20 | 18.3 | 250 | 13 | 24 | **TP. 1603..** | ACK-06 | AKV-10-M6X14 | - | - | - | - | AAL-05-4 |
| **S25T CTFPR/L 16** | ● | ○ | 25 | 23 | 300 | 17 | 32 | | | | | | | | |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück S25S CKUNR 16

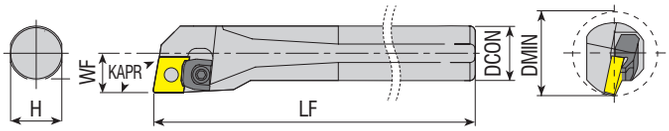
AKKO®

*konuşulan*
*the spoken kalite...*
*quality...*

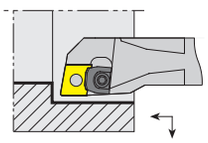
# M-SİSTEM

**M-SİSTEM DELİK TORNA KATERLERİ**
*M-SYSTEM BORING BARS*
*M-SYSTEM BOHRSTANGE*

**KAPR=95°**

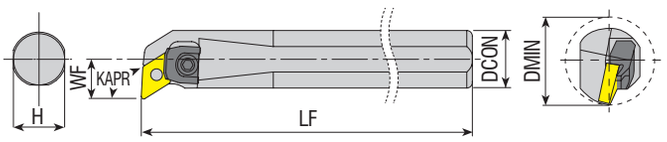



**MCLNR**

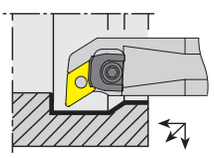


| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Pim *Pin* *Stift* | Pul *Stamp* *Ring* | Anahtar *Allen Key* *Innensechskantschlüssel* |
| | R | L | DCON | H | LF | WF | DMIN | | | | | | | |
| **S20R MCLNR/L 12** | ● | ● | 20 | 18.3 | 200 | 13 | ≥25 | **CN.. 1204..** | AMK-07 | AKV-04-M5x17 | - | APM-12 | - | AAL-03-3 |
| **S25S MCLNR/L 12** | ● | ● | 25 | 23 | 250 | 17 | ≥32 | | AMK-03 | | AACN-3-0001 | APM-13 | | |
| **S32T MCLNR/L 12** | ● | ● | 32 | 30 | 300 | 22 | ≥40 | | | | | APM-04 | | |

**KAPR=93°**




**MDUNR**

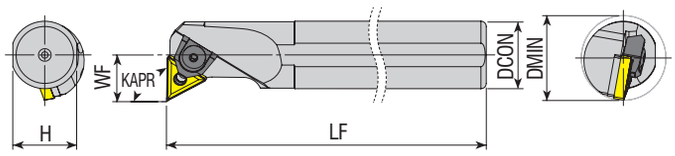


| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Pim *Pin* *Stift* | Segman *Ring* *Feder* | Pul *Stamp* *Ring* | Anahtar *Allen Key* *Innensechskantschlüssel* |
| | R | L | DCON | H | LF | WF | DMIN | | | | | | | | |
| **S20R MDUNR/L 11** | ● | ● | 20 | 18.3 | 200 | 13 | ≥25 | **DN.. 1104..** | AMK-03 | AKV-17-M5x15 | - | APM-03 | - | - | AAL-03-3 |
| **S25S MDUNR/L 11** | ● | ● | 25 | 23 | 250 | 17 | ≥32 | | | AKV-04-M5x17 | | | | | |
| **S32T MDUNR/L 11** | ● | ● | 32 | 30 | 300 | 22 | ≥40 | | | | | | | | |
| **S25S MDUNR/L 15** | ● | ● | 25 | 23 | 250 | 17 | ≥32 | **DN.. 1506..** | AMK-04 | AKV-20-M6x19 | AADN-3-0001 | APM-04 | - | ABPL-01 | |
| **S32T MDUNR/L 15** | ● | ● | 32 | 30 | 300 | 22 | ≥40 | | | AKV-30-M6x22 | | | AS-01 | | |
| **S40U MDUNR/L 15** | ● | ● | 40 | 37.5 | 350 | 27 | ≥50 | | | | | | | | |
| **S50V MDUNR/L 15** | ● | ● | 50 | 47 | 400 | 35 | ≥63 | | | | | | | | |

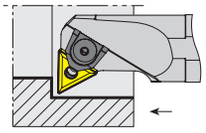
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück S20R MCLNR 12

**KAPR=90°**

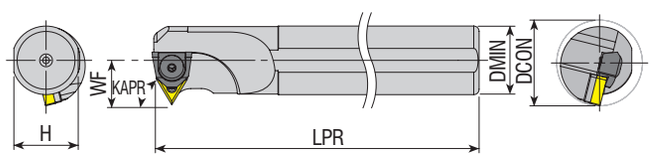



**MTFNR**

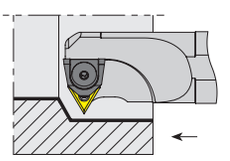


| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Pim *Pin* *Stift* | Segman *Ring* *Feder* | Pul *Stamp* *Ring* | Anahtar *Allen Key* *Innensechskantschlüssel* |
| | R | L | DCON | H | LF | WF | DMIN | | | | | | | | |
| **S20R MTFNR/L 16** | ● | ● | 20 | 18.3 | 200 | 14 | ≥25 | **TN.. 1604..** | AMK-02 | AKV-17-M5x15 | - | APM-03 | - | - | AAL-03-3 |
| **S25S MTFNR/L 16** | ● | ● | 25 | 23 | 250 | 17 | ≥32 | | AMK-04 | AKV-30-M6x22 | AATN-2-0002 | APM-14 | AS-01 | ABPL-01 | |
| **S32T MTFNR/L 16** | ● | ● | 32 | 30 | 300 | 22 | ≥40 | | | | | APM-01 | | | |
| **S40U MTFNR/L 16** | ● | ● | 40 | 37.5 | 350 | 27 | ≥50 | | | | | | | | |
| **S32T MTFNR/L 22** | ● | ● | 32 | 30 | 300 | 22 | ≥40 | **TN.. 2204..** | AMK-08 | | AATN-3-0015 | APM-02 | | | |
| **S40U MTFNR/L 22** | ● | ● | 40 | 37.5 | 350 | 27 | ≥50 | | | | | | | | |
| **S50V MTFNR/L 22** | ● | ○ | 50 | 47 | 400 | 35 | ≥63 | | | | | | | | |

**KAPR=60°**




**MT-NR**

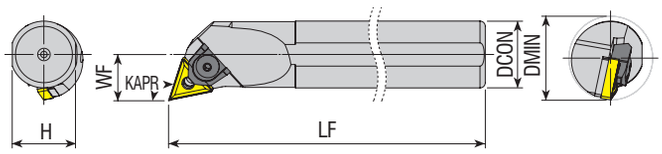


| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Pim *Pin* *Stift* | Segman *Ring* *Feder* | Pul *Stamp* *Ring* | Anahtar *Allen Key* *Innensechskantschlüssel* |
| | R | L | DCON | H | LPR | WF | DMIN | | | | | | | | |
| **S20R MT-NR/L 16** | ● | ● | 20 | 18.3 | 200 | 16 | ≥26 | **TN.. 1604..** | AMK-02 | AKV-04-M5x17 | - | APM-03 | - | - | AAL-03-3 |
| **S25S MT-NR/L 16** | ● | ● | 25 | 23 | 250 | 17 | ≥32 | | | | | APM-14 | | | |
| **S32T MT-NR/L 16** | ● | ● | 32 | 30 | 300 | 22 | ≥40 | | AMK-04 | | AATN-2-0002 | APM-01 | AS-01 | ABPL-01 | |
| **S40U MT-NR/L 16** | ● | ● | 40 | 37.5 | 350 | 27 | ≥50 | | | | | | | | |
| **S32T MT-NR/L 22** | ● | ● | 32 | 30 | 300 | 24 | ≥40 | **TN.. 2204..** | AMK-08 | AKV-30-M6x22 | AATN-3-0015 | APM-02 | | | |
| **S40U MT-NR/L 22** | ● | ● | 40 | 37.5 | 350 | 27 | ≥50 | | | | | | | | |
| **S50U MT-NR/L 22** | ● | ● | 50 | 47 | 350 | 35 | ≥63 | | | | | | | | |

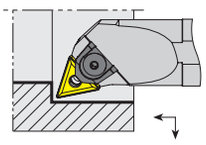
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück S20R MTFNR 16

**KAPR=107.5°**

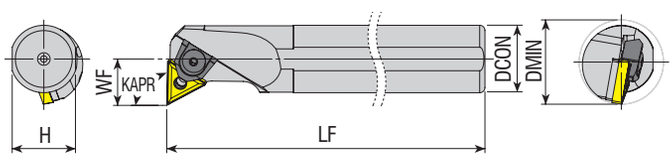



**MTQNR**

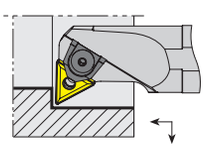


| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Pim *Pin* *Stift* | Segman *Ring* *Feder* | Pul *Stamp* *Ring* | Anahtar *Allen Key* *Innensechskantschlüssel* |
| | R | L | DCON | H | LF | WF | DMIN | | | | | | | | |
| **S20R MTQNR/L 16** | ● | ● | 20 | 18.3 | 200 | 13 | ≥25 | **TN.. 1604..** | AMK-02 | AKV-17-M5x15 | - | APM-11 | - | - | AAL-03-3 |
| **S25S MTQNR/L 16** | ● | ● | 25 | 23 | 250 | 17 | ≥32 | | AMK-04 | AKV-30-M6x22 | AATN-2-0002 | APM-14 | AS-01 | ABPL-01 | |
| **S32T MTQNR/L 16** | ● | ● | 32 | 30 | 300 | 22 | ≥40 | | | | | APM-01 | | | |
| **S40U MTQNR/L 16** | ● | ● | 40 | 37.5 | 350 | 27 | ≥50 | | | | | | | | |
| **S32T MTQNR/L 22** | ● | ● | 32 | 30 | 300 | 22 | ≥40 | **TN.. 2204..** | AMK-08 | | AATN-3-0015 | APM-02 | | | |
| **S40U MTQNR/L 22** | ● | ● | 40 | 37.5 | 350 | 27 | ≥50 | | | | | | | | |
| **S50V MTQNR/L 22** | ● | ● | 50 | 47 | 400 | 35 | ≥63 | | | | | | | | |

**KAPR=93°**



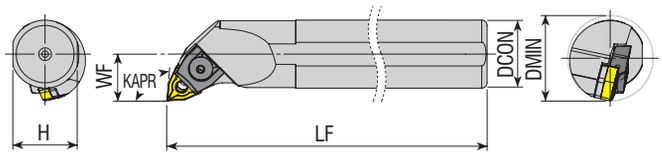

**MTUNR**

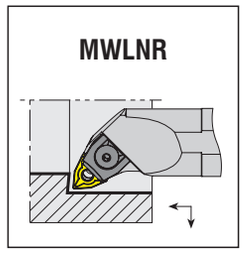


| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Pim *Pin* *Stift* | Segman *Ring* *Feder* | Pul *Stamp* *Ring* | Anahtar *Allen Key* *Innensechskantschlüssel* |
| | R | L | DCON | H | LF | WF | DMIN | | | | | | | | |
| **S20R MTUNR/L 16** | ● | ● | 20 | 18.3 | 200 | 13 | ≥25 | **TN.. 1604..** | AMK-02 | AKV-17-M5x15 | - | APM-03 | - | - | AAL-03-3 |
| **S25S MTUNR/L 16** | ● | ● | 25 | 23 | 250 | 17 | ≥32 | | AMK-04 | AKV-30-M6x22 | AATN-2-0002 | APM-14 | AS-01 | ABPL-01 | |
| **S32T MTUNR/L 16** | ● | ● | 32 | 30 | 300 | 22 | ≥40 | | | | | APM-01 | | | |
| **S40U MTUNR/L 16** | ● | ● | 40 | 37.5 | 350 | 27 | ≥50 | | | | | | | | |
| **S50V MTUNR/L 16** | ● | ● | 50 | 47 | 400 | 35 | ≥63 | | | | | | | | |
| **S32T MTUNR/L 22** | ● | ● | 32 | 30 | 300 | 22 | ≥40 | **TN.. 2204..** | AMK-08 | | AATN-3-0015 | APM-02 | | | |
| **S40U MTUNR/L 22** | ● | ● | 40 | 37.5 | 350 | 27 | ≥50 | | | | | | | | |
| **S50V MTUNR/L 22** | ● | ● | 50 | 47 | 400 | 35 | ≥63 | | | | | | | | |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück S20R MTQNR 16




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Pim *Pin* *Stift* | Segman *Ring* *Feder* | Pul *Stamp* *Ring* | Anahtar *Allen Key* Innensechskantschlüssel |
| | R | L | DCON | H | LF | WF | DMIN | | | | | | | | |
| **S16P MWLNR/L 06** | ● | ● | 16 | 14.8 | 170 | 11 | ≥23 | **WN.. 0604..** | AMK-01 | AKV-17-M5x15 | - | APM-09 | - | - | - |
| **S20R MWLNR/L 06** | ● | ● | 20 | 18.3 | 200 | 13 | ≥25 | | | AKV-04-M5x17 | | APM-10 | | | |
| **S25S MWLNR/L 06** | ● | ● | 25 | 23 | 250 | 17 | ≥32 | | | | | APM-08 | | | |
| **S20R MWLNR/L 08** | ● | ● | 20 | 18.3 | 200 | 13 | ≥25 | **WN.. 0804..** | ACK-05 | 4015-M4X11 | | AEV-02-M6X13 | | | AAL-02-2.5 |
| **S25S MWLNR/L 08** | ● | ● | 25 | 23 | 250 | 17 | ≥32 | | AMK-05 | AKV-27-M6x20 | AAWN-3-0001 | APM-04 | | | |
| **S32T MWLNR/L 08** | ● | ● | 32 | 30 | 300 | 22 | ≥40 | | | AKV-03-M6x22 | | | | | |
| **S40U MWLNR/L 08** | ● | ● | 40 | 37.5 | 350 | 27 | ≥50 | | | | | APM-02 | AS-01 | ABPL-01 | AAL-03-3 |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück S16P MWLNR 06

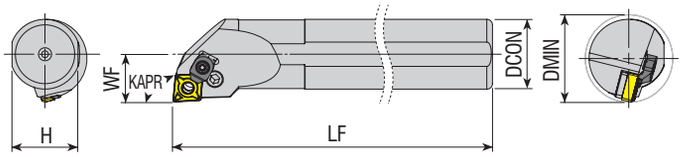
AKKO®

*konuşulan*
*the spoken kalite...*
*quality...*

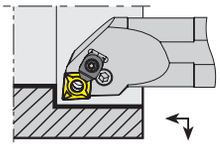
# P-SİSTEM

**P-SİSTEM DELİK TORNA KATERLERİ**
*P-SYSTEM BORING BARS*
*P- SYSTEM BOHRSTANGE*

**KAPR=95°**




**PCLNR**

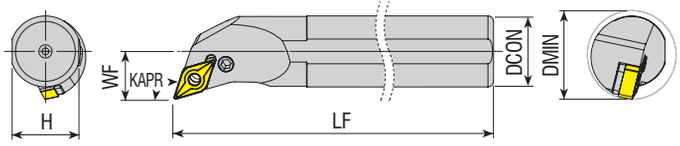


| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Levye *Lever* *Kniehebel* | Levye Vidası *Lever Screw* *Kniehebelschraube* | Altlık *Shim* *Unterlage* | Altlık Yayı *Shim Spring* *Feder für Unterlage* | Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Anahtar *Allen Key* *Innensechskantschlüssel* |
| | R | L | DCON | H | LF | WF | DMIN | | | | | | | | |
| **S16P PCLNR/L 09** | ● | ● | 16 | 14.8 | 170 | 11 | ≥20 | **CN.. 0903..** | APL-07 | ALV-07-M6x13 | - | AAY-07 | - | - | AAL-02-2.5 |
| **S20R PCLNR/L 09** | ● | ● | 20 | 18.3 | 200 | 13 | ≥25 | | APL-01 | ALV-01-M6x14 | AACN-2-0002 | AAY-01 | | | |
| **S25S PCLNR/L 09** | ● | ● | 25 | 23 | 250 | 17 | ≥32 | | | ALV-02-M6x17 | | | | | |
| **S25S PCLNR/L 12C** | ● | ● | 25 | 23 | 250 | 17 | ≥32 | **CN.. 1204..** | APL-02 | ALV-08-M8x16 | AACN-3-0001 | AAY-02 | ACK-05 | 4015-M4x11 | AAL-03-3 |
| **S32T PCLNR/L 12C** | ● | ● | 32 | 30 | 300 | 22 | ≥40 | | | ALV-03-M8x19 | | | | | |
| **S32U PCLNR/L 12C** | ● | ○ | 32 | 30 | 350 | 22 | ≥40 | | | | | | | | |
| **S40U PCLNR/L 12C** | ● | ● | 40 | 37.5 | 350 | 27 | ≥50 | | | | | | | | |
| **S50V PCLNR/L 12C** | ● | ● | 50 | 47 | 400 | 35 | ≥63 | | | | | | | | |
| **S32T PCLNR/L 16C** | ● | ● | 32 | 30 | 300 | 22 | ≥40 | **CN.. 1606..** | APL-04 | ALV-04-M8x22 | AACN-3-0002 | AAY-03 | ACK-09 | AAV-05-M6x15 | |
| **S40U PCLNR/L 16C** | ● | ● | 40 | 37.5 | 350 | 27 | ≥50 | | | | | | | | |
| **S50V PCLNR/L 16C** | ● | ● | 50 | 47 | 400 | 35 | ≥63 | | | | | | | | |
| **S40U PCLNR/L 19C** | ● | ● | 40 | 37.5 | 350 | 27 | ≥50 | **CN.. 1906..** | APL-05 | ALV-05-M10x27 | AACN-3-0003 | AAY-04 | ACK-09 | AAV-05-M6x15 | AAL-05-4 |
| **S50V PCLNR/L 19C** | ● | ● | 50 | 47 | 400 | 35 | ≥63 | | | | | | | | |
| **A16R PCLNR/L 09** | ● | ○ | 16 | 14.8 | 200 | 11 | ≥20 | **CN.. 0903..** | APL-01 | ALV-08-M8x16 | AACN-2-0002 | AAY-01 | - | - | AAL-03-3 |
| **A20P PCLNR/L 09** | ● | ● | 20 | 18.3 | 170 | 13 | ≥25 | | | ALV-01-M6x17 | | | | | |
| **A25R PCLNR/L 12C** | ● | ● | 25 | 23 | 200 | 17 | ≥32 | **CN.. 1204..** | APL-02 | ALV-03-M8x19 | AACN-3-0001 | AAY-02 | ACK-05 | 4015-M4x11 | |
| **A25S PCLNR/L 12C** | ● | ● | 25 | 23 | 250 | 17 | ≥32 | | | | | | | | |
| **A32S PCLNR/L 12C** | ● | ● | 32 | 30 | 250 | 22 | ≥40 | | | | | | | | |
| **A32T PCLNR/L 12C** | ● | ● | 32 | 30 | 300 | 22 | ≥40 | | | | | | | | |
| **A40T PCLNR/L 12C** | ● | ● | 40 | 37.5 | 300 | 27 | ≥50 | | | | | | ACK-09 | AAV-05-M6x15 | |
| **A50U PCLNR/L 12C** | ● | ● | 50 | 47 | 350 | 35 | ≥63 | | | | | | | | |
| **A32S PCLNR/L 16C** | ● | ● | 32 | 30 | 250 | 22 | ≥40 | **CN.. 1606..** | APL-04 | ALV-04-M8x22 | AACN-3-0002 | AAY-03 | | | |
| **A40T PCLNR/L 16C** | ● | ● | 40 | 37.5 | 300 | 27 | ≥50 | | | | | | | | |
| **A50U PCLNR/L 16C** | ● | ● | 50 | 47 | 350 | 35 | ≥63 | | | | | | | | |
| **A40T PCLNR/L 19C** | ● | ● | 40 | 37.5 | 300 | 27 | ≥50 | **CN.. 1906..** | APL-05 | ALV-05-M10x27 | AACN-3-0003 | AAY-04 | ACK-09 | AAV-05-M6x15 | AAL-05-4 |
| **A50U PCLNR/L 19C** | ● | ● | 50 | 47 | 350 | 35 | ≥63 | | | | | | | | |

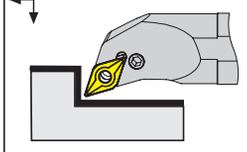
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück S16P PCLNR 09

**KAPR=107.5°**

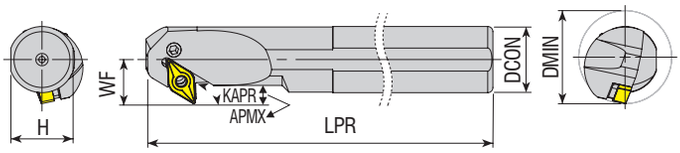



**PDQNR**

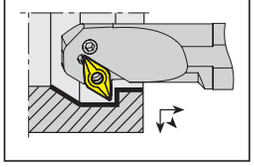


| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Levye *Lever* *Kniehebel* | Levye Vidası *Lever Screw* *Kniehebelschraube* | Altlık *Shim* *Unterlage* | Altlık Yayı *Shim Spring* *Feder für Unterlage* | Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Anahtar *Allen Key* *Innensechskantschlüssel* |
| | R | L | DCON | H | LF | WF | DMIN | | | | | | | | |
| **S20R PDQNR/L 11** | ● | ● | 20 | 18.3 | 200 | 13 | ≥25 | **DN.. 1104..** | APL-01 | ALV-01-M6x14 | AADN-SD317 | AAY-01 | - | - | AAL-02-2.5 |
| **S25S PDQNR/L 11** | ● | ● | 25 | 23 | 250 | 17 | ≥32 | | | ALV-02-M6x17 | | | | | |
| **S32T PDQNR/L 15** | ● | ● | 32 | 30 | 300 | 22 | ≥40 | **DN.. 1506..** | APL-03 | ALV-03-M8x19 | AADN-3-0001 | AAY-02 | | | AAL-03-3 |
| **S40U PDQNR/L 15** | ● | ● | 40 | 37.5 | 350 | 27 | ≥50 | | | | | | | | |
| **S50V PDQNR/L 15** | ● | ● | 50 | 47 | 400 | 35 | ≥63 | | | | | | | | |
| **S32T PDQNR/L 1504** | ● | ● | 32 | 30 | 300 | 22 | ≥40 | **DN.. 1504..** | APL-03 | ALV-03-M8x19 | AADN-2-0003 | AAY-02 | - | - | AAL-03-3 |
| **S40U PDQNR/L 1504** | ● | ● | 40 | 37.5 | 350 | 27 | ≥50 | | | | | | | | |
| **S50V PDQNR/L 1504** | ● | ● | 50 | 47 | 400 | 35 | ≥63 | | | | | | | | |
| **A20P PDQNR/L 11** | ● | ● | 20 | 18.3 | 170 | 13 | ≥25 | **DN.. 1104..** | APL-01 | ALV-01-M6x14 | AADN-SD317 | AAY-01 | - | - | AAL-02-2.5 |
| **A25R PDQNR/L 11** | ● | ● | 25 | 23 | 200 | 17 | ≥32 | | | ALV-02-M6x17 | | | | | |
| **A32S PDQNR/L 15** | ● | ● | 32 | 30 | 250 | 22 | ≥40 | **DN.. 1506..** | APL-03 | ALV-03-M8x19 | AADN-3-0001 | AAY-02 | - | - | AAL-03-3 |
| **A40T PDQNR/L 15** | ● | ● | 40 | 37.5 | 300 | 27 | ≥50 | | | | | | | | |
| **A50U PDQNR/L 15** | ● | ● | 50 | 47 | 350 | 35 | ≥63 | | | | | | | | |
| **A32S PDQNR/L 1504** | ● | ● | 32 | 30 | 250 | 22 | ≥40 | **DN.. 1504..** | APL-03 | ALV-03-M8x19 | AADN-2-0003 | AAY-02 | - | - | AAL-03-3 |
| **A40T PDQNR/L 1504** | ● | ● | 40 | 37.5 | 300 | 27 | ≥50 | | | | | | | | |

**KAPR=93°**




**PDXNR**



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | Levye *Lever* *Kniehebel* | Levye Vidası *Lever Screw* *Kniehebelschraube* | Altlık *Shim* *Unterlage* | Altlık Yayı *Shim Spring* *Feder für Unterlage* | Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Anahtar *Allen Key* *Innensechskantschlüssel* |
| | R | L | DCON | H | LPR | WF | APMX | DMIN | | | | | | | | |
| **S32T PDXNR/L 15** | ● | ● | 32 | 30 | 300 | 22 | 12 | ≥45 | **DN.. 1506..** | APL-03 | ALV-08-M8x16 | AADN-3-0001 | AAY-02 | - | - | AAL-03-3 |
| **S40U PDXNR/L 15** | ● | ● | 40 | 37.5 | 350 | 27 | 14 | ≥50 | | | ALV-03-M8x19 | | | | | |
| **S50V PDXNR/L 15** | ● | ● | 50 | 47 | 400 | 35 | 19 | ≥63 | | | | | | | | |
| **A32S PDXNR/L 15** | ● | ● | 32 | 30 | 250 | 22 | 12 | ≥40 | | | ALV-08-M8x16 | | | | | |
| **A40T PDXNR/L 15** | ● | ● | 40 | 37.5 | 300 | 27 | 14 | ≥50 | | | ALV-03-M8x19 | | | | | |
| **A50U PDXNR/L 15** | ● | ● | 50 | 47 | 350 | 35 | 19 | ≥63 | | | | | | | | |

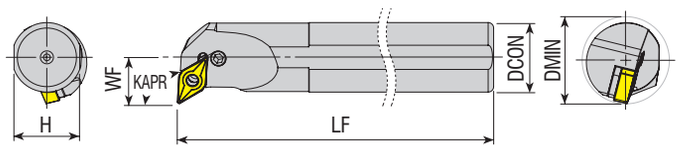
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*

● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

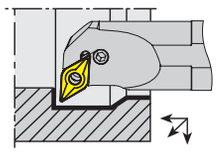
Not: "APMX" ölçüleri R0.8'e göre verilmiştir. *Note: Dimensions of "AMPX" are given according to R.08. Hinweis: Maß "APMX" gilt für Eckenradius 0,8 mm*

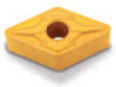
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück S20R PDQNR 11

**KAPR=93°**




**PDUNR**

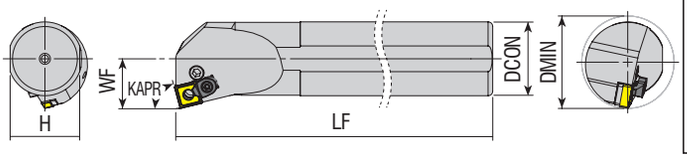


| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | DCON | H | LF | WF | DMIN |  | Levye *Lever* *Kniehebel* | Levye Vidası *Lever Screw* *Kniehebelschraube* | Altlık *Shim* *Unterlage* | Altlık Yayı *Shim Spring* *Feder für Unterlage* | Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Anahtar *Allen Key* Innensechskantschlüssel |
| **S20R PDUNR/L 11** | ● | ● | 20 | 18.3 | 200 | 13 | ≥25 | **DN.. 1104..** | APL-01 | ALV-01-M6x14<br>ALV-02-M6x17 | AADN-SD317 | AAY-01 | - | - | AAL-02-2.5 |
| **S25S PDUNR/L 11** | ● | ● | 25 | 23 | 250 | 17 | ≥32 | | | | | | | | |
| **S25S PDUNR/L 15** | ● | ● | 25 | 23 | 250 | 19 | ≥32 | **DN.. 1506..** | APL-03 | ALV-08-M8x16<br>ALV-03-M8x19 | AADN-3-0001 | AAY-02 | - | - | AAL-03-3 |
| **S32T PDUNR/L 15** | ● | ● | 32 | 30 | 300 | 22 | ≥40 | | | | | | | | |
| **S40U PDUNR/L 15** | ● | ● | 40 | 37.5 | 350 | 27 | ≥50 | | | | | | | | |
| **S50V PDUNR/L 15** | ● | ● | 50 | 47 | 400 | 35 | ≥63 | | | | | | | | |
| **A20P PDUNR/L 11** | ● | ● | 20 | 18.3 | 170 | 13 | ≥25 | **DN.. 1104..** | APL-01 | ALV-01-M6x14<br>ALV-02-M6x17 | AADN-SD317 | AAY-01 | - | - | AAL-02-2.5 |
| **A25R PDUNR/L 11** | ● | ● | 25 | 23 | 200 | 17 | ≥32 | | | | | | | | |
| **A25S PDUNR/L 11** | ● | ● | 25 | 23 | 250 | 17 | ≥32 | | | | | | | | |
| **A32S PDUNR/L 11** | ● | ● | 32 | 30 | 250 | 22 | ≥40 | | | | | | | | |
| **A32S PDUNR/L 15** | ● | ● | 32 | 30 | 250 | 22 | ≥40 | **DN.. 1506..** | APL-03 | ALV-03-M8x19 | AADN-3-0001 | AAY-02 | - | - | AAL-03-3 |
| **A40T PDUNR/L 15** | ● | ● | 40 | 37.5 | 300 | 27 | ≥50 | | | | | | | | |
| **A50U PDUNR/L 15** | ● | ● | 50 | 47 | 350 | 35 | ≥63 | | | | | | | | |

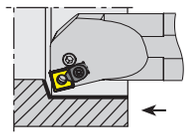
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück S20R PDUNR 11

**KAPR=75°**

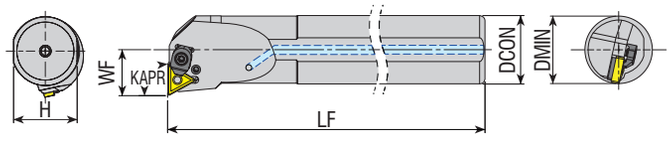



**PSKNR**

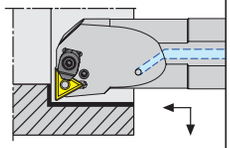


| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Levye *Lever* *Kniehebel* | Levye Vidası *Lever Screw* *Kniehebelschraube* | Altlık *Shim* *Unterlage* | Altlık Yayı *Shim Spring* *Feder für Unterlage* | Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Anahtar *Allen Key* *Innensechskantschlüssel* |
| | R | L | DCON | H | LF | WF | DMIN | | | | | | | | |
| **S25S PSKNR/L 12C** | ● | ● | 25 | 23 | 250 | 17 | ≥32 | **SN.. 1204..** | APL-02 | ALV-08-M8x16 | AASN-3-0004 | AAY-02 | ACK-05 | 4015-M4x11 | AAL-03-3 |
| **S32T PSKNR/L 12C** | ● | ● | 32 | 30 | 300 | 22 | ≥40 | | | ALV-03-M8x19 | | | | | |
| **S40U PSKNR/L 12C** | ● | ● | 40 | 37.5 | 350 | 27 | ≥50 | | | | | | | | |
| **S50V PSKNR/L 12C** | ● | ● | 50 | 47 | 400 | 35 | ≥63 | | | | | | | | |
| **S32T PSKNR/L 15C** | ● | ● | 32 | 30 | 300 | 22 | ≥40 | **SN.. 1506..** | APL-04 | ALV-04-M8x22 | AASN-3-0023 | AAY-03 | ACK-09 | AAV-05-M6x15 | |
| **S40U PSKNR/L 15C** | ● | ● | 40 | 37.5 | 350 | 27 | ≥50 | | | | | | | | |
| **S50V PSKNR/L 15C** | ● | ○ | 50 | 47 | 400 | 35 | ≥63 | | | | | | | | |
| **A25R PSKNR/L 12C** | ● | ● | 25 | 23 | 200 | 17 | ≥32 | **SN.. 1204..** | APL-02 | ALV-08-M8x16 | AASN-3-0004 | AAY-02 | ACK-05 | 4015-M4x11 | |
| **A32S PSKNR/L 12C** | ● | ● | 32 | 30 | 250 | 22 | ≥40 | | | ALV-03-M8x19 | | | | | |
| **A40T PSKNR/L 12C** | ● | ● | 40 | 37.5 | 300 | 27 | ≥50 | | | | | | | | |
| **A50U PSKNR/L 12C** | ● | ● | 50 | 47 | 350 | 35 | ≥63 | | | | | | | | |
| **A32S PSKNR/L 15C** | ● | ● | 32 | 30 | 250 | 22 | ≥40 | **SN.. 1506..** | APL-04 | ALV-04-M8x22 | AASN-3-0023 | AAY-03 | ACK-09 | AAV-05-M6x15 | |
| **A40T PSKNR/L 15C** | ● | ● | 40 | 37.5 | 300 | 27 | ≥50 | | | | | | | | |
| **A50U PSKNR/L 15C** | ● | ● | 50 | 47 | 350 | 35 | ≥63 | | | | | | | | |

**KAPR=90°**




**PTFNR**

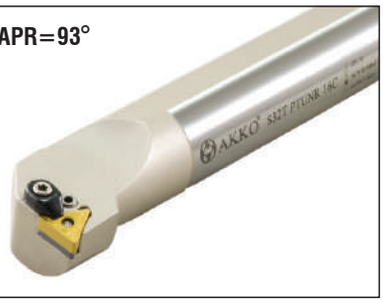


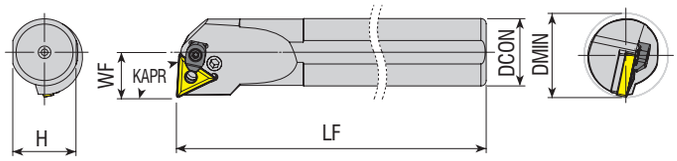
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Levye *Lever* *Kniehebel* | Levye Vidası *Lever Screw* *Kniehebelschraube* | Altlık *Shim* *Unterlage* | Altlık Yayı *Shim Spring* *Feder für Unterlage* | Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Anahtar *Allen Key* *Innensechskantschlüssel* |
| | R | L | DCON | H | LF | WF | DMIN | | | | | | | | |
| **A25R PTFNR/L 16C** | ● | ● | 25 | 23 | 200 | 17 | ≥32 | **TN.. 1604..** | APL-01 | ALV-02-M6x17 | AATN-3-0025 | AAY-01 | ACK-05 | 4015-M4x11 | AAL-02-2.5 |
| **A32S PTFNR/L 16C** | ● | ● | 32 | 30 | 250 | 22 | ≥40 | | | | | | | | |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

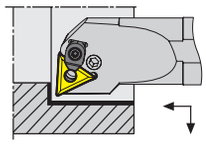
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück S25S PSKNR 12C

**KAPR=93°**





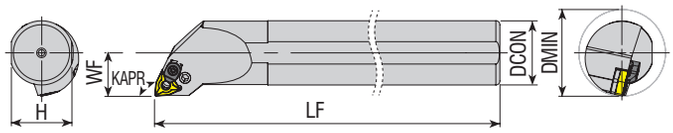

**PTUNR**

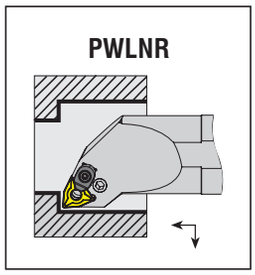


| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Levye *Lever* *Kniehebel* | Levye Vidası *Lever Screw* *Kniehebelschraube* | Altlık *Shim* *Unterlage* | Altlık Yayı *Shim Spring* *Feder für Unterlage* | Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Anahtar *Allen Key* Innensechskantschlüssel |
| | R | L | DCON | H | LF | WF | DMIN | | | | | | | | |
| **S16P PTUNR/L 16** | ● | ● | 16 | 14.8 | 170 | 11 | ≥20 | **TN.. 1604..** | APL-08 | ALV-07-M6x13 | - | AAY-07 | - | - | AAL-02-2.5 |
| **S20R PTUNR/L 16** | ● | ● | 20 | 18.3 | 200 | 13 | ≥25 | | APL-01 | ALV-01-M6x14 | AATN-3-0025 | AAY-01 | | | |
| **S25S PTUNR/L 16C** | ● | ● | 25 | 23 | 250 | 17 | ≥32 | | | ALV-02-M6x17 | | | | | |
| **S32T PTUNR/L 16C** | ● | ● | 32 | 30 | 300 | 22 | ≥40 | | | | | | | | |
| **S40U PTUNR/L 16C** | ● | ● | 40 | 37.5 | 350 | 27 | ≥50 | | | | | | | | |
| **S32T PTUNR/L 22C** | ● | ● | 32 | 30 | 300 | 22 | ≥40 | **TN.. 2204..** | APL-02 | ALV-03-M8x19 | AATN-3-0015 | AAY-02 | ACK-05 | 4015-M4x11 | AAL-03-3 |
| **S40U PTUNR/L 22C** | ● | ● | 40 | 37.5 | 350 | 27 | ≥50 | | | | | | | | |
| **S50V PTUNR/L 22C** | ● | ● | 50 | 47 | 400 | 35 | ≥63 | | | | | | | | |
| **A16M PTUNR/L 16** | ● | ● | 16 | 14.8 | 150 | 11 | ≥20 | **TN.. 1604..** | APL-08 | ALV-07-M6x13 | - | AAY-07 | - | - | AAL-02-2.5 |
| **A20P PTUNR/L 16** | ● | ● | 20 | 18.3 | 170 | 13 | ≥25 | | APL-01 | ALV-01-M6x14 | AATN-3-0025 | AAY-01 | | | |
| **A25R PTUNR/L 16C** | ● | ● | 25 | 23 | 200 | 17 | ≥32 | | | ALV-02-M6x17 | | | | | |
| **A32S PTUNR/L 16C** | ● | ● | 32 | 30 | 250 | 22 | ≥40 | | | | | | | | |
| **A40T PTUNR/L 16C** | ● | ● | 40 | 37.5 | 300 | 27 | ≥50 | | | | | | | | |
| **A32S PTUNR/L 22C** | ● | ● | 32 | 30 | 250 | 22 | ≥40 | **TN.. 2204..** | APL-02 | ALV-03-M8x19 | AATN-3-0015 | AAY-02 | ACK-05 | 4015-M4x11 | AAL-03-3 |
| **A40T PTUNR/L 22C** | ● | ● | 40 | 37.5 | 300 | 27 | ≥50 | | | | | | | | |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück S16P PTUNR 16




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Levye *Lever* *Kniehebel* | Levye Vidası *Lever Screw* *Kniehebelschraube* | Altlık *Shim* *Unterlage* | Altlık Yayı *Shim Spring* *Feder für Unterlage* | Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Anahtar *Allen Key* *Innensechskantschlüssel* |
| | R | L | DCON | H | LF | WF | DMIN | | | | | | | | |
| **S20R PWLNR/L 06** | ● | ● | 20 | 18.3 | 200 | 13 | ≥25 | **WN.. 0604..** | APL-01 | ALV-01-M6x14 | AAWN-SW317 | AAY-01 | - | - | AAL-02-2.5 |
| **S25S PWLNR/L 06** | ● | ● | 25 | 23 | 250 | 17 | ≥32 | | | ALV-02-M6x17 | | | | | |
| **S32T PWLNR/L 06** | ● | ● | 32 | 30 | 300 | 22 | ≥40 | | | | | | | | |
| **S25S PWLNR/L 08C** | ● | ● | 25 | 23 | 250 | 17 | ≥32 | **WN.. 0804..** | APL-02 | ALV-03-M8x19 | AAWN-3-0001 | AAY-02 | ACK-05 | 4015-M4x11 | AAL-03-3 |
| **S32T PWLNR/L 08C** | ● | ● | 32 | 30 | 300 | 22 | ≥40 | | | | | | | | |
| **S40U PWLNR/L 08C** | ● | ● | 40 | 37.5 | 350 | 27 | ≥50 | | | | | | | | |
| **S50V PWLNR/L 08C** | ● | ● | 50 | 47 | 400 | 35 | ≥63 | | | | | | | | |
| **A16M PWLNR/L 06** | ● | ● | 16 | 14.8 | 150 | 11 | ≥20 | **WN.. 0604..** | APL-08 | ALV-07-M6x13 | - | AAY-07 | - | - | AAL-02-2.5 |
| **A20P PWLNR/L 06** | ● | ● | 20 | 18.3 | 170 | 13 | ≥25 | | APL-01 | ALV-01-M6x14 | AAWN-SW317 | AAY-01 | | | |
| **A25R PWLNR/L 06** | ● | ● | 25 | 23 | 200 | 17 | ≥32 | | | ALV-02-M6x17 | | | | | |
| **A32S PWLNR/L 06** | ● | ● | 32 | 30 | 250 | 22 | ≥40 | | | | | | | | |
| **A40T PWLNR/L 06** | ● | ● | 40 | 37.5 | 300 | 27 | ≥50 | | | | | | ACK-05 | 4015-M4x11 | |
| **A25R PWLNR/L 08C** | ● | ● | 25 | 23 | 200 | 17 | ≥32 | **WN.. 0804..** | APL-02 | ALV-03-M8x19 | AAWN-3-0001 | AAY-02 | ACK-05 | 4015-M4x11 | AAL-03-3 |
| **A32S PWLNR/L 08C** | ● | ● | 32 | 30 | 250 | 22 | ≥40 | | | | | | | | |
| **A40T PWLNR/L 08C** | ● | ● | 40 | 37.5 | 300 | 27 | ≥50 | | | | | | | | |
| **A50U PWLNR/L 08C** | ● | ● | 50 | 47 | 350 | 35 | ≥63 | | | | | | | | |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück S20R PWLNR 06

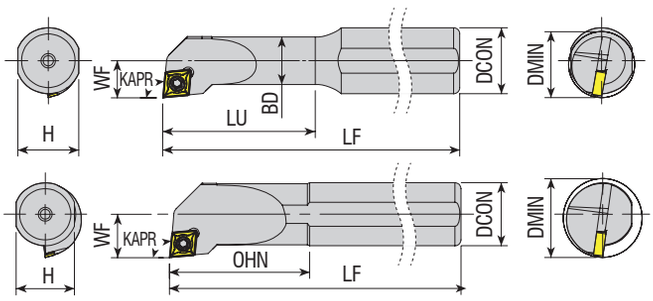
AKKO®

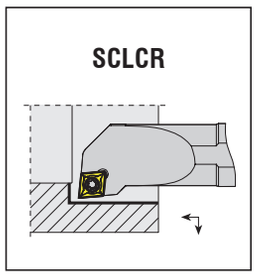
*konuşulan*
*the spoken kalite...*
*quality...*

# S-SİSTEM

**S-SİSTEM DELİK TORNA KATERLERİ**
*S-SYSTEM BORING BARS*
*S- SYSTEM BOHRSTANGE*

www.akko.com.tr



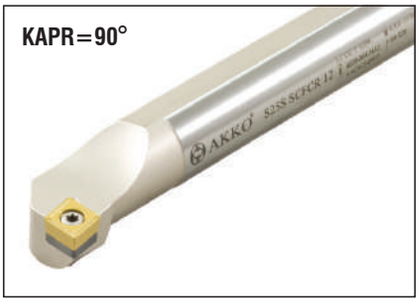



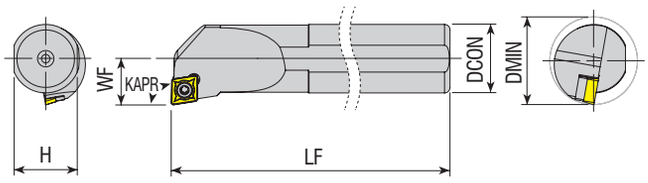

| Takım Kodu *Ordering Code* Bestell-Bezeichnung | Stok *Stock Lager* R | L | Takım Ölçüleri (mm) *Dimension (mm) Abmessung (mm)* DCON | BD | H | LU=OHN | LF | WF | DMIN | Kesici Uç *Insert Wendeschneidplatte* | Yedek Parçaları / *Spare Parts / Ersatzteile* Sıkma Vidası *Screw Klemmschraube* | Altlık *Shim Unterlage* | Altlık Vidası *Shim Screw Schraube für Unterlage* | Tork Anahtar *Torx Key Torx Innensechskantschlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **S0508H SCLCR/L 03** | ● | ● | 08 | 5 | 7.3 | 18 | 100 | 3 | ≥6 | **CC.. 0301..** | 4006-M1.6x3.2 | | | 82-T06 |
| **S0608H SCLCR/L 06** | ● | ● | 08 | 6 | 7.3 | 25 | 100 | 4.5 | ≥8 | | 4008-M2.5x4.5 | | | |
| **S08H SCLCR/L 06** | ● | ● | 08 | 8 | 7.3 | 20 | 100 | 06 | ≥11 | | 4008-M2.5x6 | | | |
| **S08K SCLCR/L 06** | ● | ● | 8 | 7.5 | 7.3 | 20 | 125 | 6 | ≥11 | **CC.. 0602..** | 4008-M2.5x5 | | | |
| **S08M SCLCR/L 06** | ● | ● | 8 | 7.5 | 7.3 | 20 | 150 | 6 | ≥11 | | | - | - | 82-T08 |
| **S10K SCLCR/L 06** | ● | ● | 10 | 10 | 09 | 25 | 125 | 07 | ≥13 | | | | | |
| **S12K SCLCR/L 06** | ● | ● | 12 | 12 | 11 | 25 | 125 | 09 | ≥16 | | 4008-M2.5x6 | | | |
| **S1216P SCLCR/L 06** | ● | ● | 16 | 11.5 | 14.8 | 37 | 170 | 09 | ≥16 | | | | | |
| **S16P SCLCR/L 06** | ● | ● | 16 | 16 | 14.8 | 35 | 170 | 11 | ≥20 | | | | | |
| **S12K SCLCR/L 09** | ● | ● | 12 | 12 | 11 | 30 | 125 | 09 | ≥16 | | 4015-M3.5x8 | | | |
| **S12M SCLCR/L 09** | ● | ● | 12 | 11.5 | 11 | 30 | 150 | 9 | ≥16 | | | | | |
| **S1416P SCLCR/L 09** | ● | ● | 16 | 14 | 14.8 | 45 | 170 | 9.5 | ≥17 | **CC.. 09T3..** | | | | |
| **S16P SCLCR/L 09** | ● | ● | 16 | 16 | 14.8 | 35 | 170 | 11 | ≥20 | | 4015-M3.5x9 | | | |
| **S1620R SCLCR/L 09** | ● | ● | 20 | 16 | 18.3 | 50 | 200 | 11 | ≥20 | | | | | 80-T15 |
| **S16R SCLCR/L 09** | ● | ● | 16 | 15.5 | 14.8 | 35 | 200 | 11 | ≥20 | | | | | |
| **S20R SCLCR/L 09** | ● | ● | 20 | 20 | 18.3 | 40 | 200 | 13 | ≥25 | | | | | |
| **S20S SCLCR/L 09** | ● | ● | 20 | 19.5 | 18.3 | 40 | 250 | 13 | ≥25 | | | | | |
| **S25S SCLCR/L 09** | ● | ● | 25 | 25 | 23 | 50 | 250 | 17 | ≥32 | | | | | |
| **S32T SCLCR/L 09** | ● | ● | 32 | 32 | 30 | 60 | 300 | 22 | ≥40 | | 4015-M3.5x12 | AACN-2-0001 | AAV-08-M3.5x8 | |
| **S25S SCLCR/L 12** | ● | ● | 25 | 25 | 23 | 50 | 250 | 17 | ≥32 | | | | | |
| **S32T SCLCR/L 12** | ● | ● | 32 | 32 | 30 | 60 | 300 | 22 | ≥40 | **CC.. 1204..** | 4020-M4.5x12 | AACN-2-0003 | AAV-10-M4.5x8 | 80-T20 |
| **S40U SCLCR/L 12** | ● | ● | 40 | 40 | 37.5 | 70 | 350 | 27 | ≥50 | | 1020-M4.5x13 | | | |
| **A08H SCLCR/L 06** | ● | ● | 08 | 8 | 7.3 | 20 | 100 | 06 | ≥11 | | | | | |
| **A10H SCLCR/L 06** | ● | ● | 10 | 10 | 09 | 25 | 100 | 07 | ≥13 | **CC.. 0602..** | 4008-M2.5x6 | | | 80-T08 |
| **A12H SCLCR/L 06** | ● | ● | 12 | 12 | 11 | 25 | 100 | 09 | ≥16 | | | - | - | |
| **A16M SCLCR/L 09** | ● | ● | 16 | 16 | 14.8 | 35 | 150 | 11 | ≥20 | | 4015-M3.5x9 | | | |
| **A20P SCLCR/L 09** | ● | ● | 20 | 20 | 18.3 | 40 | 170 | 13 | ≥25 | | | | | 80-T15 |
| **A25R SCLCR/L 09** | ● | ● | 25 | 25 | 23 | 50 | 200 | 17 | ≥32 | **CC.. 09T3..** | | | | |
| **A32S SCLCR/L 09** | ● | ● | 32 | 32 | 30 | 60 | 250 | 22 | ≥40 | | 4015-M3.5x12 | AACN-2-0001 | AAV-08-M3.5x8 | |
| new **A32S SCLCR/L 12** | ● | ● | 32 | 32 | 30 | 60 | 250 | 22 | ≥40 | **CC.. 1204..** | 4020-M4.5x12 | AACN-2-0003 | AAV-10-M4.5x8 | 80-T20 |
| **A25R SCLCR/L 12** | ● | ● | 25 | 25 | 23 | 50 | 200 | 17 | ≥32 | | | | | |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

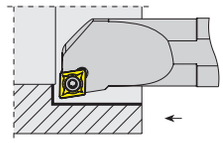
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück S0508H SCLCR 03

**KAPR=90°**



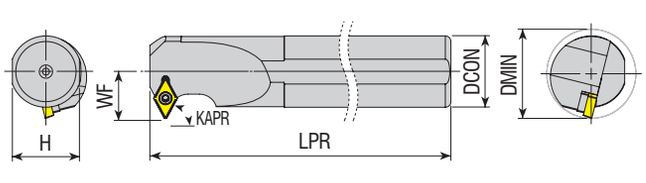



**SCFCR**

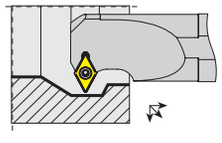


| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel* |
| | R | L | DCON | H | LF | WF | DMIN | | | | | |
| **S08H SCFCR/L 06** | ● | ● | 08 | 7.3 | 100 | 06 | ≥11 | **CC.. 0602..** | 4008-M2.5x6 | - | - | 82-T08 |
| **S10K SCFCR/L 06** | ● | ● | 10 | 09 | 125 | 07 | ≥13 | | | | | |
| **S12K SCFCR/L 06** | ● | ● | 12 | 11 | 125 | 09 | ≥16 | | | | | |
| **S12K SCFCR/L 09** | ● | ● | 12 | 11 | 125 | 09 | ≥16 | **CC.. 09T3..** | 4015-M3.5x8 | - | - | 80-T15 |
| **S16P SCFCR/L 09** | ● | ● | 16 | 14.8 | 170 | 11 | ≥20 | | 4015-M3.5x9 | | | |
| **S20R SCFCR/L 09** | ● | ● | 20 | 18.3 | 200 | 13 | ≥25 | | | | | |
| **S25S SCFCR/L 09** | ● | ● | 25 | 23 | 250 | 17 | ≥32 | | 4015-M3.5x12 | AACN-2-0001 | AAV-08-M3.5x8 | |
| **S25S SCFCR/L 12** | ● | ● | 25 | 23 | 250 | 17 | ≥32 | **CC.. 1204..** | 4020-M4.5x12 | AACN-2-0003 | AAV-10-M4.5x8 | 80-T20 |
| **S32T SCFCR/L 12** | ● | ● | 32 | 30 | 300 | 22 | ≥40 | | | | | |
| **S40U SCFCR/L 12** | ● | ● | 40 | 37.5 | 350 | 27 | ≥50 | | 1020-M4.5x16 | | | |
| **A08H SCFCR/L 06** | ● | ○ | 08 | 7.3 | 100 | 06 | ≥11 | **CC.. 0602..** | 4008-M2.5x6 | - | - | 82-T08 |

**KAPR=62.5°**




**SD-CR**

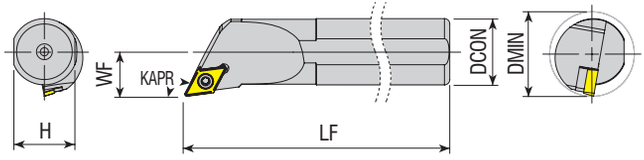


| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel* |
| | R | L | DCON | H | LPR | WF | DMIN | | | | | |
| **S10K SD-CR/L 07** | ● | ● | 10 | 9 | 125 | 08 | ≥14 | **DC.. 0702..** | 4008-M2.5x6 | - | - | 82-T08 |
| **S12K SD-CR/L 07** | ● | ● | 12 | 11 | 125 | 09 | ≥16 | | | | | |
| **S16P SD-CR/L 07** | ● | ● | 16 | 14.8 | 170 | 11 | ≥20 | | | | | |
| **S20R SD-CR/L 07** | ● | ● | 20 | 18.3 | 200 | 13 | ≥25 | | | | | |
| **S16P SD-CR/L 11** | ● | ● | 16 | 14.8 | 170 | 14 | ≥22 | **DC.. 11T3..** | 4015-M3.5x11 | - | - | 80-T15 |
| **S20R SD-CR/L 11** | ● | ● | 20 | 18.3 | 200 | 15 | ≥25 | | | | | |
| **S25S SD-CR/L 11** | ● | ● | 25 | 23 | 250 | 18 | ≥32 | | 4015-M3.5x14 | AADN-2-0001 | AAV-06-M3.5x11 | |
| **S32T SD-CR/L 11** | ● | ● | 32 | 30 | 300 | 22 | ≥40 | | | | | |
| **S40U SD-CR/L 11** | ● | ● | 40 | 37.5 | 350 | 27 | ≥50 | | | | | |

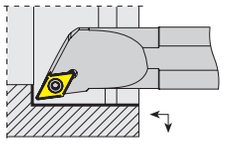
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück S08H SCFCR 06

**KAPR=117.5°**

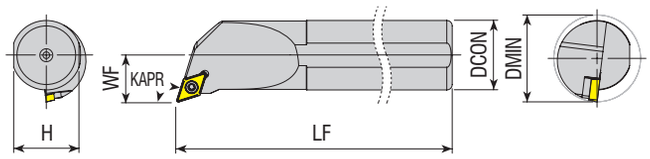



**SDPCR**

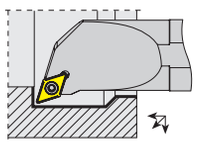


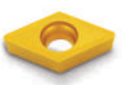
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel* |
| | R | L | DCON | H | LF | WF | DMIN | | | | | |
| **S10K SDPCR/L 07** | ● | ● | 10 | 09 | 125 | 07 | ≥13 | **DC.. 0702..** | 4008-M2.5x6 | - | - | 82-T08 |
| **S12K SDPCR/L 07** | ● | ● | 12 | 11 | 125 | 09 | ≥16 | | | | | |
| **S16P SDPCR/L 11** | ● | ● | 16 | 14.8 | 170 | 11 | ≥20 | **DC.. 11T3..** | 4015-M3.5x9 | - | - | 80-T15 |
| **S20R SDPCR/L 11** | ● | ● | 20 | 18.3 | 200 | 13 | ≥25 | | 4015-M3.5x9 | | | |
| **S25S SDPCR/L 11** | ● | ● | 25 | 23 | 250 | 17 | ≥32 | | 4015-M3.5x12 | AADN-2-0001 | AAV-08-M3.5x8 | |

**KAPR=107.5°**



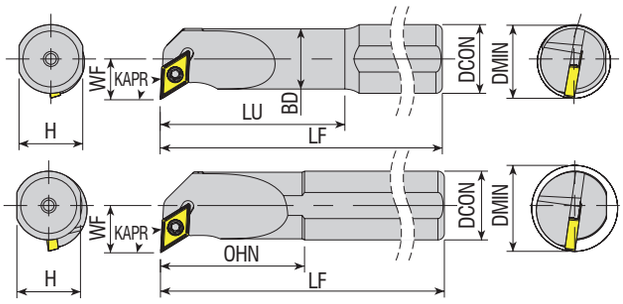

**SDQCR**

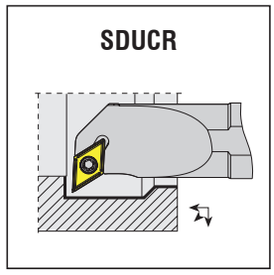


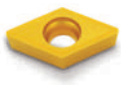
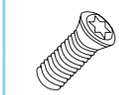
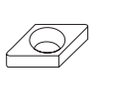
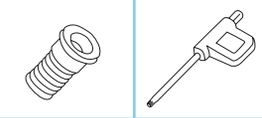
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel* |
| | R | L | DCON | H | LF | WF | DMIN |  | | | | |
| **S10K SDQCR/L 07** | ● | ● | 10 | 09 | 125 | 07 | ≥13 | **DC.. 0702..** | 4008-M2.5x6 | - | - | 82-T08 |
| **S12K SDQCR/L 07** | ● | ● | 12 | 11 | 125 | 09 | ≥16 | | | | | |
| **S16P SDQCR/L 07** | ● | ● | 16 | 14.8 | 170 | 11 | ≥20 | | | | | |
| **S20R SDQCR/L 07** | ● | ● | 20 | 18.3 | 200 | 13 | ≥25 | | | | | |
| **S16P SDQCR/L 11** | ● | ● | 16 | 14.8 | 170 | 11 | ≥20 | **DC.. 11T3..** | 4015-M3.5x9 | - | - | 80-T15 |
| **S20R SDQCR/L 11** | ● | ● | 20 | 18.3 | 200 | 13 | ≥25 | | 4015-M3.5x11 | | | |
| **S25S SDQCR/L 11** | ● | ● | 25 | 23 | 250 | 17 | ≥32 | | 4015-M3.5x12 | AADN-2-0001 | AAV-08-M3.5x8 | |
| **S32T SDQCR/L 11** | ● | ● | 32 | 30 | 300 | 22 | ≥40 | | 4015-M3.5x14 | | AAV-06-M3.5x11 | |
| **S40U SDQCR/L 11** | ● | ● | 40 | 37.5 | 350 | 27 | ≥50 | | | | | |
| **A10H SDQCR/L 07** | ● | ● | 10 | 09 | 100 | 07 | ≥13 | **DC.. 0702..** | 4008-M2.5x6 | - | - | 82-T08 |
| **A12H SDQCR/L 07** | ● | ● | 12 | 11 | 100 | 09 | ≥16 | | | | | |
| **A16M SDQCR/L 07** | ● | ● | 16 | 14.8 | 150 | 11 | ≥20 | | | | | |
| **A20P SDQCR/L 07** | ● | ● | 20 | 18.3 | 170 | 13 | ≥25 | | | | | |
| **A16M SDQCR/L 11** | ● | ● | 16 | 14.8 | 150 | 11 | ≥20 | **DC.. 11T3..** | 4015-M3.5x9 | - | - | 80-T15 |
| **A20P SDQCR/L 11** | ● | ● | 20 | 18.3 | 170 | 13 | ≥25 | | 4015-M3.5x11 | | | |
| **A25R SDQCR/L 11** | ● | ● | 25 | 23 | 200 | 17 | ≥32 | | 4015-M3.5x12 | AADN-2-0001 | AAV-08-M3.5x8 | |
| **A32S SDQCR/L 11** | ● | ● | 32 | 30 | 250 | 22 | ≥40 | | 4015-M3.5x14 | | AAV-06-M3.5x11 | |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück S10K SDPCR 07

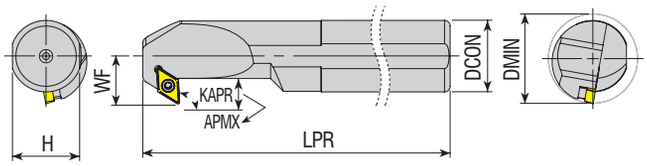


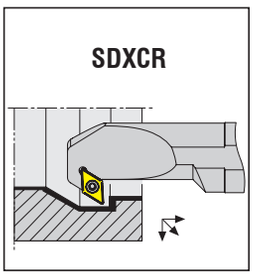



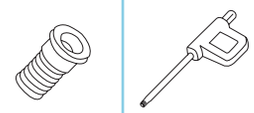

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel* |
| | R | L | DCON | BD | H | LU=OHN | LF | WF | DMIN |  |  |  |  |  |
| **S0810K SDUCR/L 07** | ● | ● | 10 | 8 | 09 | 30 | 125 | 08 | ≥13 | **DC.. 0702..** | 4008-M2.5x6 | - | - | 82-T08 |
| **S0810M SDUCR/L 07** | ● | ● | 10 | 9.5 | 9 | 30 | 150 | 8 | ≥13 | | | | | |
| **S10K SDUCR/L 07** | ● | ● | 10 | 10 | 09 | 25 | 125 | 08 | ≥13 | | | | | |
| **S12K SDUCR/L 07** | ● | ● | 12 | 12 | 11 | 25 | 125 | 09 | ≥16 | | | | | |
| **S1216P SDUCR/L 07** | ● | ● | 16 | 11.5 | 14.8 | 37 | 170 | 09 | ≥16 | | | | | |
| **S1416P SDUCR/L 07** | ● | ● | 16 | 14 | 14.8 | 45 | 170 | 9.5 | ≥17 | | | | | |
| **S16P SDUCR/L 07** | ● | ● | 16 | 16 | 14.8 | 35 | 170 | 11 | ≥20 | | | | | |
| **S20R SDUCR/L 07** | ● | ● | 20 | 20 | 18.3 | 40 | 200 | 13 | ≥25 | | | | | |
| **S1416P SDUCR/L 11** | ● | ● | 16 | 14 | 14.8 | 45 | 170 | 11 | ≥18 | **DC.. 11T3..** | 4015-M3.5x9 | - | - | 80-T15 |
| **S16P SDUCR/L 11** | ● | ● | 16 | 16 | 14.8 | 35 | 170 | 11 | ≥20 | | | | | |
| **S1620R SDUCR/L 11** | ● | ● | 20 | 16 | 18.3 | 50 | 200 | 11 | ≥20 | | 4015-M3.5x11 | | | |
| **S20R SDUCR/L 11** | ● | ● | 20 | 20 | 18.3 | 40 | 200 | 13 | ≥25 | | 4015-M3.5x12 | - | AAV-08-M3.5x8 | |
| **S25S SDUCR/L 11** | ● | ● | 25 | 25 | 23 | 50 | 250 | 17 | ≥32 | | | | | |
| **S25T SDUCR/L 11** | ● | ● | 25 | 25 | 23 | 50 | 300 | 17 | ≥32 | | | | | |
| **S32T SDUCR/L 11** | ● | ● | 32 | 32 | 30 | 60 | 300 | 22 | ≥40 | | 4015-M3.5x14 | AADN-2-0001 | AAV-06-M3.5x11 | |
| **S40U SDUCR/L 11** | ● | ● | 40 | 40 | 37.5 | 70 | 350 | 27 | ≥50 | | | | | |
| **S50V SDUCR/L 11** | ● | ● | 50 | 50 | 47 | 80 | 400 | 35 | ≥63 | | | | | |
| **A0810H SDUCR/L 07** | ● | ● | 10 | 8 | 09 | 30 | 100 | 08 | ≥13 | **DC.. 0702..** | 4008-M2.5x6 | - | - | 82-T08 |
| **A10H SDUCR/L 07** | ● | ● | 10 | 10 | 09 | 25 | 100 | 08 | ≥13 | | | | | |
| **A12H SDUCR/L 07** | ● | ● | 12 | 12 | 11 | 25 | 100 | 09 | ≥16 | | | | | |
| **A16M SDUCR/L 07** | ● | ● | 16 | 16 | 14.8 | 35 | 150 | 11 | ≥20 | | | | | |
| **A20P SDUCR/L 07** | ● | ● | 20 | 20 | 18.3 | 40 | 170 | 13 | ≥25 | | | | | |
| **A16M SDUCR/L 11** | ● | ● | 16 | 16 | 14.8 | 35 | 150 | 11 | ≥20 | **DC.. 11T3..** | 4015-M3.5x9 | - | | 80-T15 |
| **A20P SDUCR/L 11** | ● | ● | 20 | 20 | 18.3 | 40 | 170 | 13 | ≥25 | | 4015-M3.5x11 | | AAV-08-M3.5x8 | |
| **A25R SDUCR/L 11** | ● | ● | 25 | 25 | 23 | 50 | 200 | 17 | ≥32 | | | AADN-2-0001 | | |
| **A25T SDUCR/L 11** | ● | ● | 25 | 25 | 23 | 50 | 300 | 17 | ≥3 | | 4015-M3.5x12 | | AAV-06-M3.5x11 | |
| **A32S SDUCR/L 11** | ● | ● | 32 | 32 | 30 | 60 | 250 | 22 | ≥40 | | | | | |
| new **A40T SDUCR/L 11** | ● | ● | 40 | 40 | 37.5 | 70 | 300 | 27 | ≥50 | | | | AAV-08-M3.5X8 | 82-T15 |
| **A50U SDUCR/L 11** | ● | ○ | 50 | 50 | 47 | 80 | 350 | 35 | ≥63 | | 4015-M3.5x14 | | AAV-06-M3.5x11 | 80-T15 |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück S0810K SDUCR 07



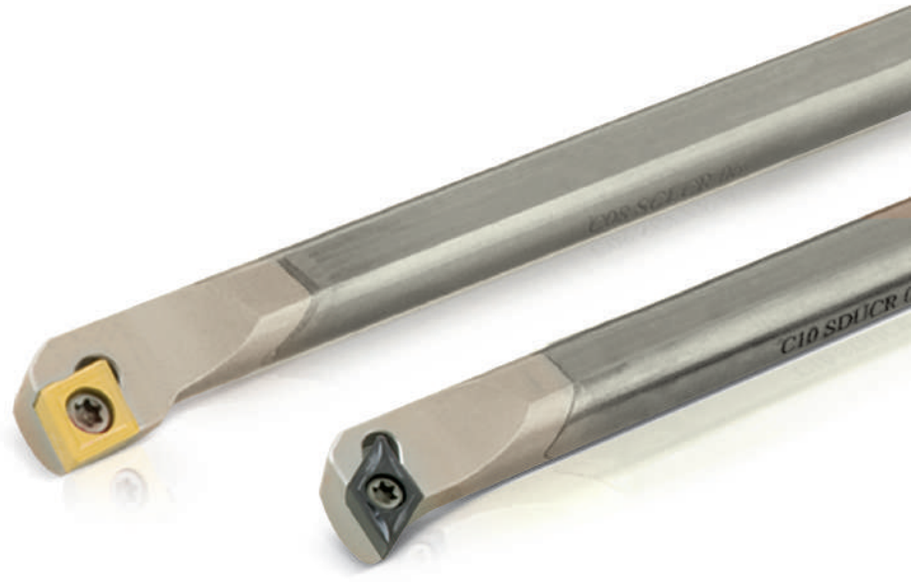




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel* |
| | R | L | DCON | H | LPR | WF | APMX | DMIN | | | |  |  |
| **S12K SDXCR/L 07** | ● | ● | 12 | 11 | 125 | 09 | 4.5 | ≥16 | **DC.. 0702..** | 4008-M2.5x6 | - | - | 82-T08 |
| **S16P SDXCR/L 07** | ● | ● | 16 | 14.8 | 170 | 11 | 6.5 | ≥20 | | | | | |
| **S20R SDXCR/L 07** | ● | ● | 20 | 18.3 | 200 | 13 | 6.5 | ≥25 | | | | | |
| **S16P SDXCR/L 11** | ● | ● | 16 | 14.8 | 170 | 11 | 6.5 | ≥20 | **DC.. 11T3..** | 4015-M3.5x9 | - | - | 80-T15 |
| **S20R SDXCR/L 11** | ● | ● | 20 | 18.3 | 200 | 14 | 7.5 | ≥25 | | | | | |
| **S25S SDXCR/L 11** | ● | ● | 25 | 23 | 250 | 17 | 9 | ≥32 | | 4015-M3.5x14 | AADN-2-0001 | AAV-08-M3.5x8 | |
| **S32T SDXCR/L 11** | ● | ● | 32 | 30 | 300 | 22 | 12.5 | ≥40 | | | | AAV-06-M3.5x11 | |
| **S40U SDXCR/L 11** | ● | ● | 40 | 37.5 | 350 | 27 | 14.5 | ≥50 | | | | | |
| **A12H SDXCR/L 07** | ● | ● | 12 | 11 | 100 | 09 | 4.5 | ≥16 | **DC.. 0702..** | 4008-M2.5x6 | - | - | 82-T08 |
| **A16M SDXCR/L 07** | ● | ● | 16 | 14.8 | 150 | 11 | 6.5 | ≥20 | | | | | |
| **A20P SDXCR/L 07** | ● | ● | 20 | 18.3 | 170 | 13 | 6.5 | ≥25 | | | | | |
| **A16M SDXCR/L 11** | ● | ● | 16 | 14.8 | 150 | 11 | 7.5 | ≥20 | **DC.. 11T3..** | 4015-M3.5x11 | - | - | 80-T15 |
| **A20P SDXCR/L 11** | ● | ● | 20 | 18.3 | 170 | 14 | 7.5 | ≥25 | | | | | |
| **A25R SDXCR/L 11** | ● | ● | 25 | 23 | 200 | 17 | 9 | ≥32 | | 4015-M3.5x14 | AADN-2-0001 | AAV-08-M3.5x8 | |
| **A32S SDXCR/L 11** | ● | ● | 32 | 30 | 250 | 22 | 12.5 | ≥40 | | | | AAV-06-M3.5x11 | |

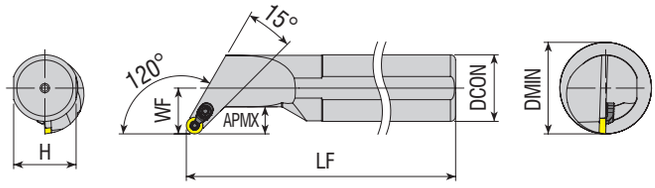
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

Not: "APMX" ölçüleri R0.4'e göre verilmiştir.
*Note: Dimensions of "APMX" are given according to R.0,4*
*Hinweis: Das Maß "APMX" bezieht sich auf R 0,4*

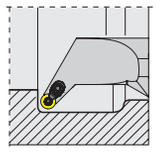
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück S12K SDXCR 07



**KAPR=90°**

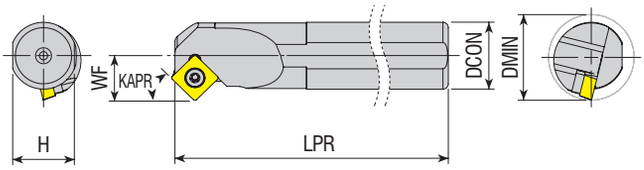



**SRGCR**

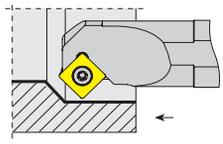


| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Baskı Pabucu *Shim Screw* *Spann Pratze* | Pabuç Vidası *Shim Screw* *Klemmschraube* | Anahtar *Allen Key* *Innensechskantschlüssel* |
| | R | L | DCON | H | LF | WF | APMX | DMIN | | | | | | | |
| **S16P SRGCR/L 08** | ● | ● | 16 | 14.8 | 170 | 11 | 7 | ≥22 | **RC.. 0803..** | 3008-M3x8 | - | - | - | - | 82-T08 |
| **S20R SRGCR/L 08** | ● | ● | 20 | 18.3 | 200 | 13 | 7 | ≥26 | | | | | | | |
| **S25S SRGCR/L 08C** | ● | ● | 25 | 23 | 250 | 17 | 9.5 | ≥34 | | | | | ACK-15 | 4015-M3.5x11 | |
| **S32T SRGCR/L 08C** | ● | ● | 32 | 30 | 300 | 22 | 13 | ≥44 | | | | | | | |
| **S40U SRGCR/L 08C** | ● | ○ | 40 | 37.5 | 350 | 27 | 15 | ≥54 | | | | | | | |
| **A16M SRGCR/L 08** | ● | ● | 16 | 14.8 | 150 | 11 | 7 | ≥22 | | | | | - | - | |
| **A20P SRGCR/L 08** | ● | ● | 20 | 18.3 | 170 | 13 | 7 | ≥26 | | | | | | | |
| **A25R SRGCR/L 08C** | ● | ● | 25 | 23 | 200 | 17 | 9.5 | ≥34 | | | | | ACK-15 | 4015-M3.5x11 | |
| **A32S SRGCR/L 08C** | ● | ● | 32 | 30 | 250 | 22 | 13 | ≥44 | | | | | | | |
| **A40T SRGCR/L 08C** | ● | ● | 40 | 37.5 | 300 | 27 | 15 | ≥54 | | | | | | | |

**KAPR=45°**




**SSSCR**

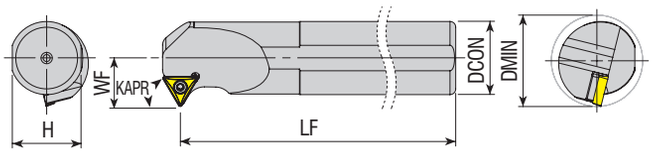


| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel* |
| | R | L | DCON | H | LPR | WF | DMIN | | | | | |
| **S16P SSSCR/L 09** | ● | ● | 16 | 14.8 | 170 | 11 | ≥20 | **SC.. 09T3..** | 4015-M3.5x9 | - | - | 80-T15 |
| **S20R SSSCR/L 09** | ● | ● | 20 | 18.3 | 200 | 13 | ≥25 | | | | | |
| **S25S SSSCR/L 09** | ● | ● | 25 | 23 | 250 | 17 | ≥32 | | 4015-M3.5x12 | AASN-2-0001 | AAV-08-M3.5x8 | |
| **S25S SSSCR/L 12** | ● | ● | 25 | 23 | 250 | 17 | ≥32 | **SC.. 1204..** | 4020-M4.5x12 | AASN-2-0004 | AAV-10-M4.5x8 | 80-T20 |
| **S32T SSSCR/L 12** | ● | ● | 32 | 30 | 300 | 22 | ≥40 | | 1020-M4.5x16 | | AAV-07-M4.5X13 | |
| **S40U SSSCR/L 12** | ● | ● | 40 | 37.5 | 350 | 27 | ≥50 | | | | | |

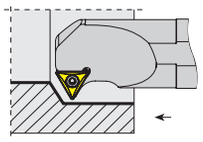
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück S16P SRGCR 08

**KAPR=60°**

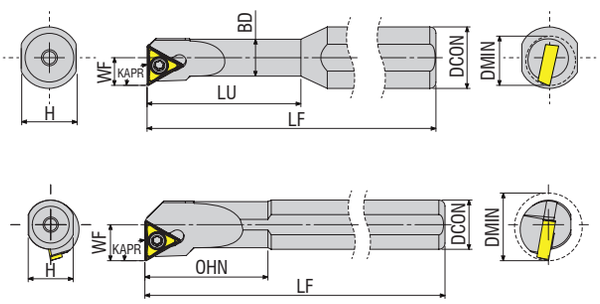



**ST-CR**

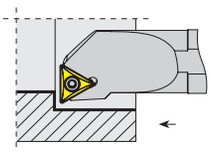


| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel* |
| | R | L | DCON | H | LF | WF | DMIN | | | | | |
| **S12K ST-CR/L 11** | ● | ● | 12 | 11 | 125 | 09 | ≥17 | **TC.. 1102..** | 4008-M2.5x6 | - | - | 82-T08 |
| **S16P ST-CR/L 11** | ● | ○ | 16 | 14.8 | 170 | 11 | ≥20 | | | | | |
| **S20R ST-CR/L 11** | ● | ○ | 20 | 18.3 | 200 | 13 | ≥25 | | | | | |
| **S16P ST-CR/L 16** | ● | ● | 16 | 14.8 | 170 | 11 | ≥20 | **TC.. 16T3..** | 4015-M3.5x9 | - | - | 80-T15 |
| **S20R ST-CR/L 16** | ● | ● | 20 | 18.3 | 200 | 13 | ≥25 | | 4015-M3.5x11 | | | |
| **S25S ST-CR/L 16** | ● | ● | 25 | 23 | 250 | 17 | ≥32 | | 4015-M3.5x14 | AATN-2-0001 | AAV-08-M3.5x8 | |
| **S32T ST-CR/L 16** | ● | ● | 32 | 30 | 300 | 22 | ≥40 | | | | AAV-06-M3.5x11 | |
| **S40U ST-CR/L 16** | ● | ● | 40 | 37.5 | 350 | 27 | ≥50 | | | | | |

**KAPR=90°**



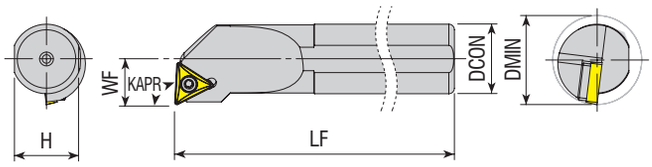

**STFCR**

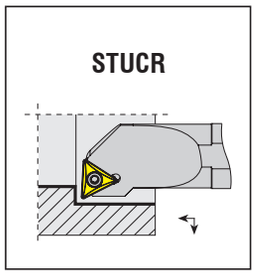


| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel* |
| | R | L | DCON | H | LU= OHN | LF | WF | DMIN | | | | | |
| **S0610F STFCR/L 06** | ● | ● | 10 | 09 | 25 | 80 | 4.5 | ≥08 | **TC.. 06T1..** | 3006-M2x4 | - | - | 82-T06 |
| **S08H STFCR/L 06** | ● | ● | 08 | 7.3 | 20 | 100 | 06 | ≥11 | | | | | |
| **S10K STFCR/L 09** | ● | ● | 10 | 09 | 25 | 125 | 07 | ≥13 | **TC.. 0902..** | 3007-M2.2x4.6 | | | 82-T07 |
| **S12K STFCR/L 09** | ● | ● | 12 | 11 | 25 | 125 | 09 | ≥17 | | | | | |
| **S12K STFCR/L 11** | ● | ● | 12 | 11 | 25 | 125 | 09 | ≥17 | **TC.. 1102..** | 4008-M2.5x6 | | | 82-T08 |
| **S16P STFCR/L 11** | ● | ● | 16 | 14.8 | 35 | 170 | 11 | ≥20 | | | | | |
| **S20R STFCR/L 11** | ● | ● | 20 | 18.3 | 40 | 200 | 13 | ≥25 | | | | | |
| **S16P STFCR/L 16** | ● | ● | 16 | 14.8 | 35 | 170 | 11 | ≥20 | **TC.. 16T3..** | 4015-M3.5x9 | - | - | 80-T15 |
| **S20R STFCR/L 16** | ● | ● | 20 | 18.3 | 40 | 200 | 13 | ≥25 | | 4015-M3.5x11 | | | |
| **S25S STFCR/L 16** | ● | ● | 25 | 23 | 50 | 250 | 17 | ≥32 | | 4015-M3.5x14 | AATN-2-0001 | AAV-08-M3.5x8 | |
| **S32T STFCR/L 16** | ● | ● | 32 | 30 | 60 | 300 | 22 | ≥40 | | | | AAV-06-M3.5x11 | |
| **S40U STFCR/L 16** | ● | ○ | 40 | 37.5 | 70 | 350 | 27 | ≥50 | | | | | |
| **A10H STFCR/L 11** | ● | ● | 10 | 09 | 22 | 100 | 07 | ≥13 | **TC.. 1102..** | 4008-M2.5x6 | - | - | 82-T08 |
| **A12H STFCR/L 11** | ● | ● | 12 | 11 | 25 | 100 | 09 | ≥17 | | | | | |
| **A16M STFCR/L 11** | ● | ● | 16 | 14.8 | 35 | 150 | 11 | ≥20 | | | | | |
| **A20R STFCR/L 16** | ● | ○ | 20 | 18.3 | 40 | 200 | 13 | ≥25 | **TC.. 16T3..** | 4015-M3.5x11 | | | 80-T15 |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück S12K ST-CR 11



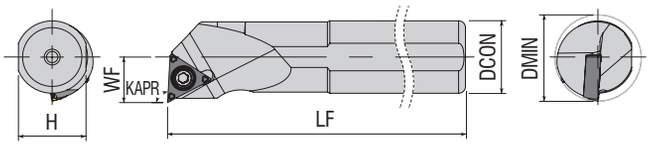




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel* |
| | R | L | DCON | H | LF | WF | DMIN | | | | | |
| **S10K STUCR/L 09** | ● | ● | 10 | 09 | 125 | 07 | ≥13 | **TC.. 0902..** | 3007-M2.2x4.6 | - | - | 82-T07 |
| **S12K STUCR/L 09** | ● | ● | 12 | 11 | 125 | 09 | ≥16 | | | | | |
| **S12K STUCR/L 11** | ● | ● | 12 | 11 | 125 | 09 | ≥17 | **TC.. 1102..** | 4008-M2.5x6 | | | 82-T08 |
| **S16P STUCR/L 11** | ● | ● | 16 | 14.8 | 170 | 11 | ≥20 | | | | | |
| **S20R STUCR/L 11** | ● | ● | 20 | 18.3 | 200 | 13 | ≥25 | | | | | |
| **S16P STUCR/L 16** | ● | ● | 16 | 14.8 | 170 | 11 | ≥20 | **TC.. 16T3..** | 4015-M3.5x9 | - | - | 80-T15 |
| **S20R STUCR/L 16** | ● | ● | 20 | 18.3 | 200 | 13 | ≥25 | | 4015-M3.5x11 | | | |
| **S25S STUCR/L 16** | ● | ● | 25 | 23 | 250 | 17 | ≥32 | | | | AAV-08-M3.5x8 | |
| **S32T STUCR/L 16** | ● | ● | 32 | 30 | 300 | 22 | ≥40 | | 4015-M3.5x14 | AATN-2-0001 | AAV-06-M3.5x11 | |
| **S40U STUCR/L 16** | ● | ● | 40 | 37.5 | 350 | 27 | ≥50 | | | | | |
| **A10H STUCR/L 09** | ● | ● | 10 | 09 | 100 | 07 | ≥13 | **TC.. 0902..** | 3007-M2.2x4.6 | - | - | 82-T07 |
| **A12H STUCR/L 09** | ● | ● | 12 | 11 | 100 | 09 | ≥16 | | | | | |
| **A12H STUCR/L 11** | ● | ● | 12 | 11 | 100 | 09 | ≥16 | **TC.. 1102..** | 4008-M2.5x6 | | | 82-T08 |
| **A16M STUCR/L 11** | ● | ● | 16 | 14.8 | 150 | 11 | ≥20 | | | | | |
| **A20P STUCR/L 11** | ● | ● | 20 | 18.3 | 170 | 13 | ≥25 | | | | | |
| **A16M STUCR/L 16** | ● | ● | 16 | 14.8 | 150 | 11 | ≥20 | **TC.. 16T3..** | 4015-M3.5x9 | - | - | 80-T15 |
| **A20P STUCR/L 16** | ● | ● | 20 | 18.3 | 170 | 13 | ≥25 | | 4015-M3.5x11 | | | |
| **A25R STUCR/L 16** | ● | ● | 25 | 23 | 200 | 17 | ≥32 | | 4015-M3.5x12 | AATN-2-0001 | AAV-08-M3.5x8 | |
| **A32S STUCR/L 16** | ● | ● | 32 | 30 | 250 | 22 | ≥40 | | 4015-M3.5x14 | | AAV-06-M3.5x11 | |

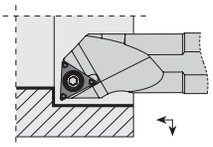
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück S10K STUCR 09

**KAPR=93°**

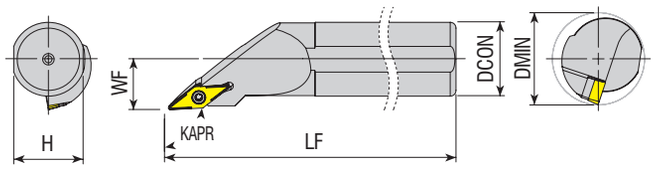



**STUPR**

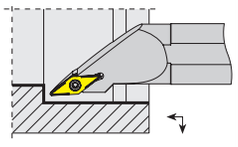


| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* R | L | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON | H | LF | WF | DMIN | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **S08H STUPR/L 0802** | ● | ○ | 08 | 7.3 | 100 | 05 | ≥10 | **TP. 0802..** | 3006-M2x4 | - | - | 82-T06 |
| **S10K STUPR/L 1103** | ● | ○ | 10 | 09 | 125 | 06 | ≥12 | **TP. 1103..** | 4010-M3x6 | | | 82-T10 |
| **S12K STUPR/L 1103** | ● | ● | 12 | 11 | 125 | 09 | ≥16 | | | | | |
| **S12M STUPR/L 1103** | ● | ● | 12 | 11 | 150 | 09 | ≥16 | | | | | |
| **S16P STUPR/L 1103** | ● | ● | 16 | 14.8 | 170 | 10 | ≥20 | | 4010-M3x8 | | | |
| **S16R STUPR/L 1103** | ● | ● | 16 | 14.8 | 200 | 10 | ≥20 | | | | | |
| **A20R STUPR/L 1103** | ● | ● | 20 | 18.3 | 200 | 13 | ≥25 | | | | | |

**KAPR=93°**



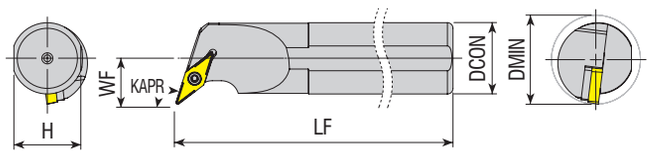

**SVJBR**

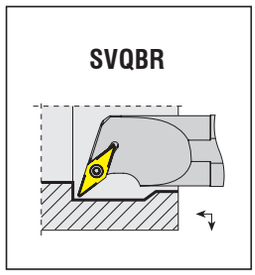


| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* R | L | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON | H | LF | WF | DMIN | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **S25S SVJBR/L 16** | ● | ● | 25 | 23 | 250 | 17 | ≥32 | **VB.. 1604..** | 4015-M3.5x12 | AAVN-2-0002 | AAV-08-M3.5x8 | 80-T15 |
| **S32T SVJBR/L 16** | ● | ● | 32 | 30 | 300 | 22 | ≥40 | | 4015-M3.5x14 | | AAV-06-M3.5x11 | |
| **S40U SVJBR/L 16** | ● | ● | 40 | 37.5 | 350 | 27 | ≥50 | | | | | |

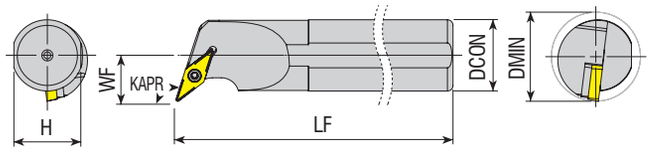
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

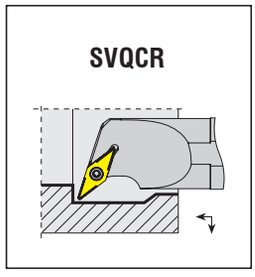
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück S08H STUPR 0802




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel* |
| | R | L | DCON | H | LF | WF | DMIN | | | | | |
| **S16P SVQBR/L 11** | ● | ● | 16 | 14.8 | 170 | 11 | ≥20 | **VB.. 1103..** | 4008-M2.5x6 | - | - | 82-T08 |
| **S20R SVQBR/L 11** | ● | ● | 20 | 18.3 | 200 | 13 | ≥25 | | | | | |
| **S25S SVQBR/L 16** | ● | ● | 25 | 23 | 250 | 17 | ≥32 | **VB.. 1604..** | 4015-M3.5x14 | AAVN-2-0002 | AAV-08-M3.5x8 | 80-T15 |
| **S32T SVQBR/L 16** | ● | ● | 32 | 30 | 300 | 22 | ≥40 | | | | AAV-06-M3.5x11 | |
| **S40U SVQBR/L 16** | ● | ● | 40 | 37.5 | 350 | 27 | ≥50 | | | | | |
| **A20Q SVQBR/L 11** | ● | ● | 20 | 18.3 | 180 | 13 | ≥25 | **VB.. 1103..** | 4008-M2.5x6 | - | - | 82-T08 |
| **A20Q SVQBR/L 16** | ● | ● | 20 | 18.5 | 180 | 20 | ≥30 | **VB.. 1604..** | 4015-M3.5x11 | - | - | 80-T15 |
| **A25S SVQBR/L 16** | ● | ● | 25 | 23 | 250 | 17 | ≥32 | | 4015-M3.5x14 | AAVN-2-0002 | AAV-08-M3.5X8 | |
| **A32S SVQBR/L 16** | ● | ● | 32 | 30 | 250 | 22 | ≥40 | | | | | |

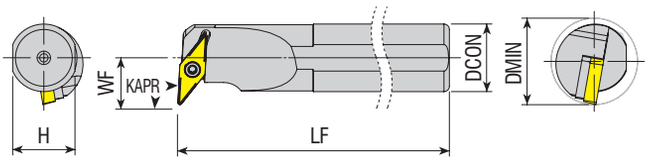


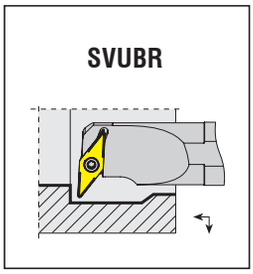




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel* |
| | R | L | DCON | H | LF | WF | DMIN | | | | | |
| **S16P SVQCR/L 11** | ● | ● | 16 | 14.8 | 170 | 11 | ≥20 | **VC.. 1103..** | 4008-M2.5x6 | - | - | 82-T08 |
| **S20R SVQCR/L 11** | ● | ● | 20 | 18.3 | 200 | 13 | ≥25 | | | | | |
| **S25S SVQCR/L 16** | ● | ● | 25 | 23 | 250 | 17 | ≥32 | **VC.. 1604..** | 4015-M3.5x14 | AAVN-2-0002 | AAV-08-M3.5x8 | 80-T15 |
| **S32T SVQCR/L 16** | ● | ● | 32 | 30 | 300 | 22 | ≥40 | | | | AAV-06-M3.5x11 | |
| **S40U SVQCR/L 16** | ● | ● | 40 | 37.5 | 350 | 27 | ≥50 | | | | | |
| **A16M SVQCR/L 11** | ● | ● | 16 | 14.8 | 150 | 11 | ≥20 | **VC.. 1103..** | 4008-M2.5x6 | - | - | 82-T08 |
| **A20P SVQCR/L 11** | ● | ● | 20 | 18.3 | 170 | 13 | ≥25 | | | | | |
| **A25R SVQCR/L 16** | ● | ● | 25 | 23 | 200 | 17 | ≥32 | **VC.. 1604..** | 4015-M3.5x14 | AAVN-2-0002 | AAV-08-M3.5x8 | 80-T15 |
| **A32S SVQCR/L 16** | ● | ● | 32 | 30 | 250 | 22 | ≥40 | | | | AAV-06-M3.5x11 | |
| **A40T SVQCR/L 16** | ● | ● | 40 | 37.5 | 300 | 27 | ≥50 | | | | | |

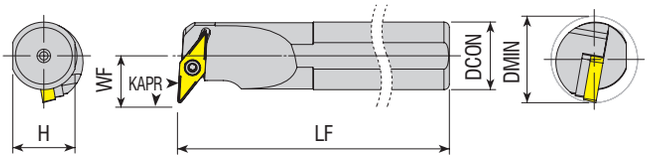
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

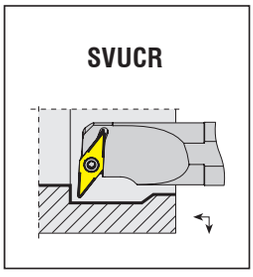
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück S16P SVQBR 11




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel* |
| | R | L | DCON | H | LF | WF | DMIN | | |  | | |
| **S16P SVUBR/L 11** | ● | ● | 16 | 14.8 | 170 | 12.5 | ≥20 | **VB.. 1103..** | 4008-M2.5x6 | - | - | 82-T08 |
| **S20R SVUBR/L 11** | ● | ● | 20 | 18.3 | 200 | 13 | ≥25 | | | | | |
| **S25S SVUBR/L 16** | ● | ● | 25 | 23 | 250 | 19 | ≥32 | **VB.. 1604..** | 4015-M3.5x14 | AAVN-2-0002 | AAV-06-M3.5x11 | 80-T15 |
| **S32T SVUBR/L 16** | ● | ● | 32 | 30 | 300 | 22 | ≥40 | | | | | |
| **S40U SVUBR/L 16** | ● | ● | 40 | 37.5 | 350 | 27 | ≥50 | | | | | |
| **A20Q SVUBR/L 16** | ● | ● | 20 | 18.3 | 180 | 20 | ≥30 | | 4015-M3.5x11 | - | - | |
| **A32S SVUBR/L 16** | ● | ● | 32 | 30 | 250 | 22 | ≥40 | | 4015-M3.5x14 | AAVN-2-0002 | AAV-06-M3.5x11 | |



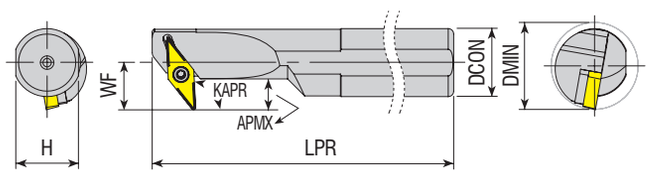




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel* |
| | R | L | DCON | H | LF | WF | DMIN | | |  | | |
| **S16P SVUCR/L 11** | ● | ● | 16 | 14.8 | 170 | 12.5 | ≥20 | **VC.. 1103..** | 4008-M2.5x6 | - | - | 82-T08 |
| **S20R SVUCR/L 11** | ● | ● | 20 | 18.3 | 200 | 13 | ≥25 | | | | | |
| **S25S SVUCR/L 16** | ● | ● | 25 | 23 | 250 | 19 | ≥32 | **VC.. 1604..** | 4015-M3.5x14 | AAVN-2-0002 | AAV-06-M3.5x11 | 80-T15 |
| **S32T SVUCR/L 16** | ● | ● | 32 | 30 | 300 | 22 | ≥40 | | | | | |
| **S40U SVUCR/L 16** | ● | ● | 40 | 37.5 | 350 | 27 | ≥50 | | | | | |
| **A12K SVUCR/L 07** | ● | ● | 12 | 11 | 125 | 9 | ≥16 | **VC.. 0702..** | 3006-M2x4 | - | - | 82-T06 |
| **A20P SVUCR/L 11** | ● | ● | 20 | 18.3 | 170 | 13 | ≥25 | **VC.. 1103..** | 4008-M2.5x6 | - | - | 82-T08 |
| **A20Q SVUCR/L 11** | ● | ● | 20 | 18.3 | 180 | 13 | ≥25 | | | | | |
| **A25R SVUCR/L 16** | ● | ● | 25 | 23 | 200 | 19 | ≥32 | **VC.. 1604..** | 4015-M3.5x14 | AAVN-2-0002 | AAV-06-M3.5x11 | 80-T15 |

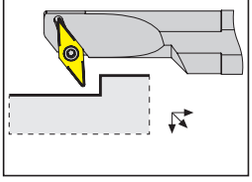
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück S16P SVUBR 11

**KAPR=93°**



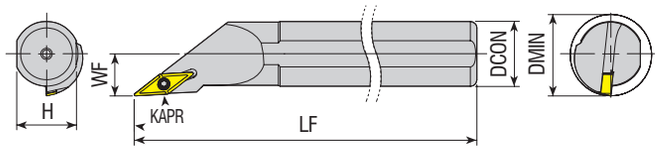

**SVXBR**



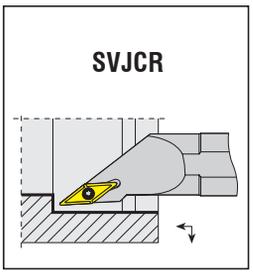
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* R | L | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON | H | LPR | WF | APMX | DMIN | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **S16P SVXBR/L 1102** | ● | ● | 16 | 14.8 | 170 | 12.5 | 7.2 | ≥20 | **VB.. 1102..** | 4008-M2.5x6 | - | - | 82-T08 |
| **S20R SVXBR/L 1102** | ● | ● | 20 | 18.3 | 200 | 13 | 5.7 | ≥25 | | | | | |
| **S16P SVXBR/L 11** | ● | ● | 16 | 14.8 | 170 | 12.5 | 7.2 | ≥21 | **VB.. 1103..** | | | | |
| **S20R SVXBR/L 11** | ● | ● | 20 | 18.3 | 200 | 13 | 5.7 | ≥25 | | | | | |
| **S25S SVXBR/L 16** | ● | ● | 25 | 23 | 250 | 19 | 10.2 | ≥32 | **VB.. 1604..** | 4015-M3.5x14 | AAVN-2-0002 | AAV-06-M3.5x11 | 80-T15 |
| **S32T SVXBR/L 16** | ● | ● | 32 | 30 | 300 | 22 | 11.7 | ≥40 | | | | | |
| **S40U SVXBR/L 16** | ● | ● | 40 | 37.5 | 350 | 27 | 14.3 | ≥50 | | | | | |

Not: "APMX" ölçüleri R0.4'e göre verilmiştir.
*Note: Dimensions of "APMX" are given according to R.0,4*
*Hinweis: Das Maß "APMX" bezieht sich auf R 0,4*

**KAPR=93°**




**SVJCR**

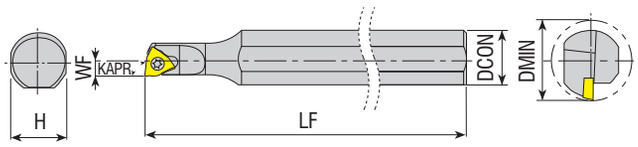


| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* R | L | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON | H | LF | WF | DMIN | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **S12K SVJCR/L 11** | ● | ● | 12 | 11 | 125 | 7 | ≥13 | **VC.. 1103..** | 4008-M2.5x6 | - | - | 82-T08 |
| **S16P SVJCR/L 11** | ● | ● | 16 | 14.8 | 170 | 11 | ≥20 | | | | | |
| **S20R SVJCR/L 11** | ● | ● | 20 | 18.3 | 200 | 13 | ≥25 | | | | | |
| **A12H SVJCR/L 11** | ● | ● | 12 | 11 | 100 | 07 | ≥13 | | | | | |
| **A16M SVJCR/L 11** | ● | ● | 16 | 14.8 | 150 | 11 | ≥20 | | | | | |
| **A20P SVJCR/L 11** | ● | ● | 20 | 18.3 | 170 | 13 | ≥25 | | | | | |

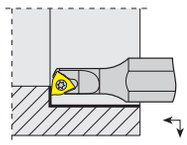
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück S16P SVXBR 1102

**KAPR=95°**

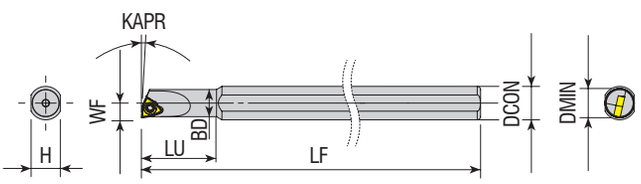



**SWLCR**

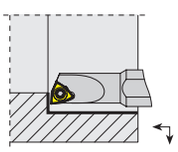


| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel* |
| | R | L | DCON | H | LF | WF | DMIN | | | | | |
| **S0608H SWLCR/L 03** | ● | ○ | 08 | 7.3 | 100 | 04 | ≥08 | **WC.. 0302..** | 4008-M2.5x4 | - | - | 82-T08 |
| **S0810K SWLCR/L 03** | ● | ● | 10 | 09 | 125 | 06 | ≥10 | | 4008-M2.5x4.5 | | | |

**KAPR=93°**




**SWUBR**

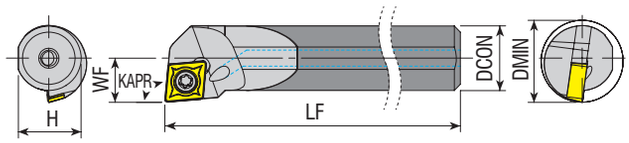


| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel* |
| | R | L | DCON | BD | H | LU | LF | DMIN | WF | | | | | |
| **S0610H SWUBR/L 06** | ● | ○ | 10 | 5 | 7.3 | 18 | 100 | ≥6 | 3 | | | | | |
| **S08H SWUBR/L 06-5.5** | ● | ● | 08 | 5 | 7.3 | 18 | 100 | ≥5.7 | 2.75 | **WBGT 060102-L** | 3006-M2x3.3 | - | - | 82-T06 |
| **S08H SWUBR/L 06-7** | ● | ○ | 08 | 6.5 | 7.3 | 18 | 100 | ≥7 | 3.5 | **WBGT 060102-R** | 3006-M2x4 | | | |

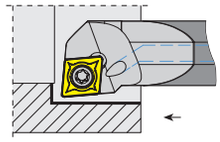
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
KYCR-ISCR Ucuna Uygundur. / Compatible with KYCR-ISCR Insert. / *Kompatibel mit KYCR-ISCR Wendeplatten.*

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück S0608H SWLCR 03

**KAPR=95°**

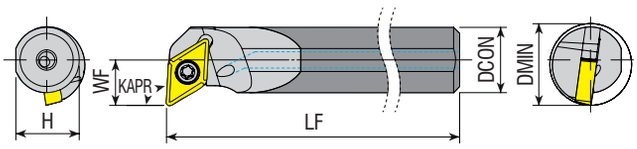



**SCLCR**

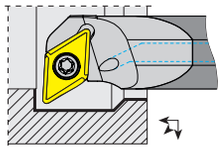


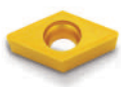
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel* |
| | R | L | DCON | H | LF | WF | DMIN | | | | | |
| **C04G SCLCR/L 03** | ● | ● | 4 | 3.7 | 90 | 2.5 | ≥5 | **CC.. 0301..** | 4006-M1.6x3.2 | - | - | 82-T06 |
| **C05H SCLCR/L 03** | ● | ● | 5 | 4.7 | 100 | 3 | ≥6 | | | | | |
| **C06J SCLCR/L 04** | ● | ● | 6 | 5.7 | 110 | 3.5 | ≥7 | **CC.. 0401..** | 3006-M2x3.3 | | | |
| **C07K SCLCR/L 04** | ● | ● | 7 | 6.7 | 125 | 4 | ≥8 | | | | | |
| **C06J SCLCR/L 06** | ● | ● | 6 | 5.7 | 110 | 4.5 | ≥8 | | 4008-M2.5x4.5 | | | |
| **E08K SCLCR/L 06** | ● | ● | 8 | 7.5 | 125 | 6 | ≥11 | | | | | |
| **E10M SCLCR/L 06** | ● | ● | 10 | 9.5 | 150 | 7 | ≥13 | **CC.. 0602..** | 4008-M2.5x6 | | | 82-T08 |
| **E12Q SCLCR/L 06** | ● | ● | 12 | 11 | 180 | 9 | ≥16 | | | | | |
| **E16R SCLCR/L 09** | ● | ● | 16 | 15 | 200 | 11 | ≥20 | | | | | |
| **E20S SCLCR/L 09** | ● | ● | 20 | 19 | 250 | 13 | ≥24 | **CC.. 09T3..** | 4015-M3.5x9 | | | 80-T15 |

**KAPR=93°**




**SDUCR**

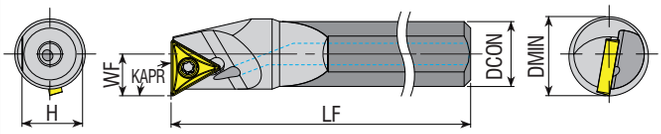


| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel* |
| | R | L | DCON | H | LF | WF | DMIN |  | | | | |
| **E10M SDUCR/L 07** | ● | ● | 10 | 9.5 | 150 | 8 | ≥13 | **DC.. 0702..** | 4008-M2.5x6 | - | - | 82-T08 |
| **E12Q SDUCR/L 07** | ● | ● | 12 | 11 | 180 | 9 | ≥16 | | | | | |
| **E16R SDUCR/L 11** | ● | ● | 16 | 15 | 200 | 11 | ≥20 | **DC.. 11T3..** | 4015-M3.5x9 | - | - | 80-T15 |
| **E20S SDUCR/L 11** | ● | ● | 20 | 18.3 | 250 | 12 | ≥23 | | | | | |

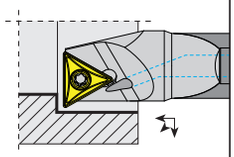
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück C04G SCLCR 03

**KAPR=90°**

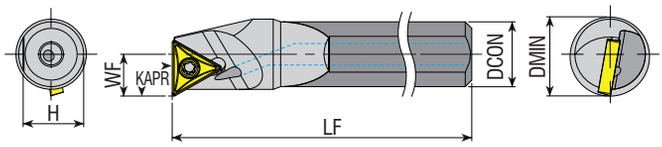



**STFCR**

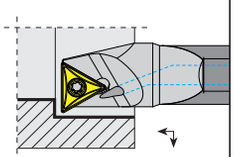


| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* R | L | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON | H | LF | WF | DMIN | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **E08K STFCR/L 06** | ● | ● | 8 | 7.5 | 125 | 4.5 | 9.5 | **TC.. 06T1..** | 3006-M2X4 | - | - | 82-T06 |
| **E10M STFCR/L 09** | ● | ● | 10 | 9.5 | 150 | 6 | 12 | **TC.. 0902..** | 3007-M2.2x5 | | | 82-T07 |
| **E12Q STFCR/L 09** | ● | ● | 12 | 11 | 180 | 8 | 15 | | | | | |
| **E12Q STFCR/L 11** | ● | ● | 12 | 11 | 180 | 8 | 15 | **TC.. 1102..** | 4008-M2.5x6 | | | 82-T08 |

**KAPR=93°**




**STUPR**

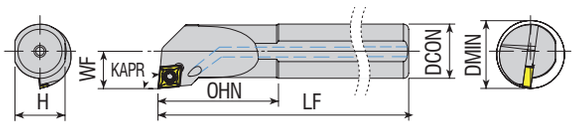


| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* R | L | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON | H | LF | WF | DMIN | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **E12Q STUPR/L 1103** | ● | ○ | 12 | 11 | 180 | 8 | 15 | **TP.. 1103..** | 4010-M3x6 | - | - | 82-T10 |
| **E16R STUPR/L 1103** | ● | ○ | 16 | 15 | 200 | 11 | 20 | | 4010-M3x8 | | | |

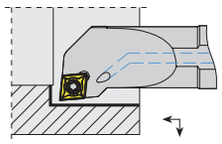
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stückE08K STFCR 06

**SET-A/SCLCR/L**

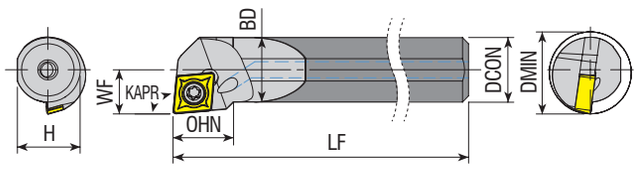



**SCLCR**

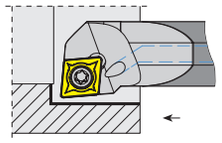


| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | DCON | BD | H | LU=OHN | LF | WF | DMIN | | | | | |
| **A08H SCLCR/L 06** | ● | ● | 8 | 8 | 7.3 | 20 | 100 | 6 | ≥11 | **CC.. 0602..** | 4008-M2.5x6 | - | - | 82-T08 |
| **A10H SCLCR/L 06** | ● | ● | 10 | 10 | 9 | 25 | 100 | 7 | ≥13 | | | | | |
| **A12H SCLCR/L 06** | ● | ● | 12 | 12 | 11 | 25 | 100 | 9 | ≥16 | | | | | |
| **A16M SCLCR/L 09** | ● | ● | 16 | 16 | 14.8 | 35 | 150 | 11 | ≥20 | **CC.. 09T3..** | 4015-M3.5x9 | | | 80-T15 |

**SET-E/SCLCR/L**

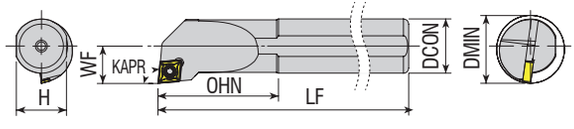



**SCLCR**

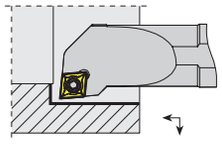


| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | DCON | BD | H | OHN | LF | WF | DMIN | | | | | |
| **E08K SCLCR/L 06** | ● | ● | 8 | 8 | 7.5 | 10 | 125 | 6 | ≥11 | **CC.. 0602..** | 4008-M2.5x6 | - | - | 82-T08 |
| **E10M SCLCR/L 06** | ● | ● | 10 | 10 | 9.5 | 10 | 150 | 7 | ≥13 | | | | | |
| **E12Q SCLCR/L 06** | ● | ● | 12 | 12 | 11 | 12 | 180 | 9 | ≥16 | | | | | |
| **E16R SCLCR/L 09** | ● | ● | 16 | 16 | 15 | 15 | 200 | 11 | ≥20 | **CC.. 09T3..** | 4015-M3.5x9 | | | 80-T15 |

**SET-S/SCLCR/L**




**SCLCR**

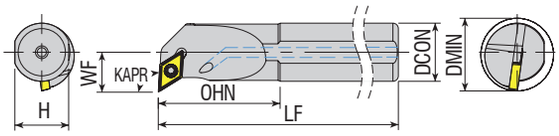


| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | DCON | BD | H | LU=OHN | LF | WF | DMIN | | | | | |
| **S08H SCLCR/L 06** | ● | ● | 8 | 8 | 7.3 | 20 | 100 | 6 | ≥11 | **CC.. 0602..** | 4008-M2.5x6 | - | - | 82-T08 |
| **S10K SCLCR/L 06** | ● | ● | 10 | 10 | 9 | 25 | 125 | 7 | ≥13 | | | | | |
| **S12K SCLCR/L 06** | ● | ● | 12 | 12 | 11 | 25 | 125 | 9 | ≥16 | | | | | |
| **S16P SCLCR/L 09** | ● | ● | 16 | 16 | 14.8 | 35 | 170 | 11 | ≥20 | **CC.. 09T3..** | 4015-M3.5x9 | | | 80-T15 |

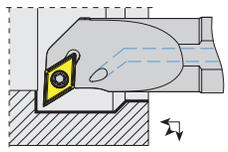
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück SET-A/SCLCR

**SET-A/SDUCR/L**

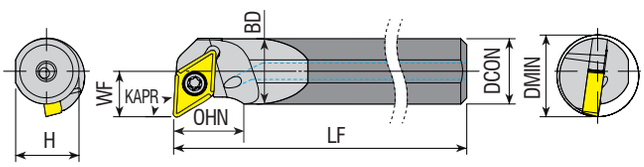



**SDUCR**

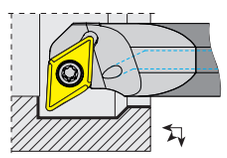


| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel* |
| | R | L | DCON | BD | H | LU=OHN | LF | WF | DMIN | | | | | |
| **A10H SDUCR/L 07** | ● | ● | 10 | 10 | 09 | 25 | 100 | 08 | ≥13 | **DC.. 0702..** | 4008-M2.5x6 | - | - | 82-T08 |
| **A12H SDUCR/L 07** | ● | ● | 12 | 12 | 11 | 25 | 100 | 09 | ≥16 | | | | | |
| **A16M SDUCR/L 11** | ● | ● | 16 | 16 | 14.8 | 35 | 150 | 11 | ≥20 | **DC.. 11T3..** | 4015-M3.5x9 | | | 80-T15 |

**SET-E/SDUCR/L**

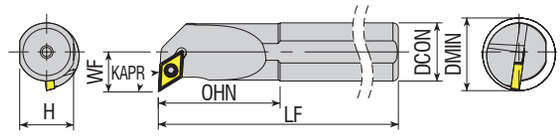



**SDUCR**

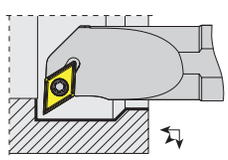


| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel* |
| | R | L | DCON | BD | H | OHN | LF | WF | DMIN | | | | | |
| **E10M SDUCR/L 07** | ● | ○ | 10 | 10 | 9.5 | 09 | 150 | 8 | ≥13 | | 4008-M2.5x6 | - | - | 82-T08 |
| **E12Q SDUCR/L 07** | ● | ○ | 12 | 12 | 11 | 10 | 180 | 9 | ≥16 | | | | | |
| **E16R SDUCR/L 11** | ● | ○ | 16 | 16 | 15 | 12 | 200 | 11 | ≥20 | | 4015-M3.5x9 | | | 80-T15 |

**SET-S/SDUCR/L**




**SDUCR**



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel* |
| | R | L | DCON | BD | H | LU=OHN | LF | WF | DMIN | | | | | |
| **S10K SDUCR/L 07** | ● | ● | 10 | 10 | 9 | 25 | 125 | 8 | ≥13 | **DC.. 0702..** | 4008-M2.5x6 | - | - | 82-T08 |
| **S12K SDUCR/L 07** | ● | ● | 12 | 12 | 11 | 25 | 125 | 9 | ≥16 | | | | | |
| **S16P SDUCR/L 11** | ● | ● | 16 | 16 | 14.8 | 35 | 170 | 11 | ≥20 | **DC.. 11T3..** | 4015-M3.5x9 | | | 80-T15 |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück SET-A/SDUCR

AKKO®

*konuşulan*
*the spoken kalite...*
*quality...*

# TIRLAMAZ

**TIRLAMAZ TAKIMLAR**
*ANTIVIBRATION TOOLS*
*SCHWINGUNGSGEDÄMPFTE BOHRSTANGEN*

AKKO **A** (1) **TT** (2) **B** (3) **D16** (4) **204** (5) **10D** (6) **H** (7) **E** (8)

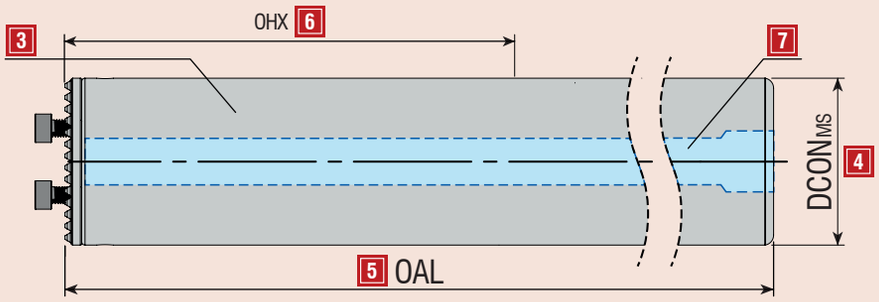
**2 Takım Tipi**
*Tool Type*
*Werkzeugtyp*

Tırlamaz Takım
*Anti Vibration Tool*
*Schwingungsgedämpfte Bohrstange*

**8 Takım Malzemesi**
*Type of Boring Bar*
*Art der Bohrstange*

Karbür Takviyeli
*Carbide reinforced*
*Hartmetall verstärkt*

| 3 Gövde *Body* *Schaft* | 4 Bağlantı Çapı *Connection Diameter* *Anschlussdurchmesser* | 5 Takım Boyu *Overall length* *Gesamtlänge* | 6 Bağlama Boyu *Overhang maximum* *Maximale Auskragung* | 7 İçten Soğutmalı *With Coolant Hole* *Mit Innenkühlung* |
|---|---|---|---|---|




AKKO **A** (1) **TT** (2) **C** (3) **A** (4) **16** (5) **SDUCR11** (6)

**2 Takım Tipi**
*Tool Type*
*Werkzeugtyp*

Tırlamaz Takım Kartuşu
*Anti Vibration Tool Cartridge*
*Wechselkopf für Schwingungsgedämpfte Bohrstange*

**3 Kartuş Kodu**
*Cartridge Code*
*Bezeichnung für Wechselkopf*

Kartuş
*Cartridge*
*Wechselkopf*

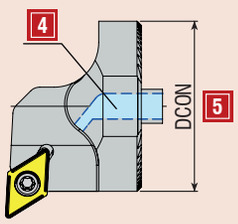
**4 İçten Soğutmalı**
*With Coolant Hole*
*Mit Innenkühlung*

**5 Bağlama Çapı**
*Connection Diameter*
*Anschlussdurchmesser*

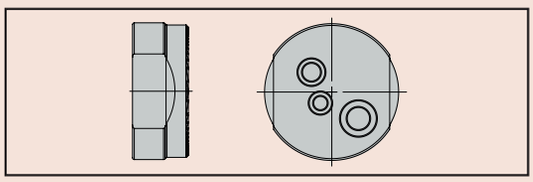
Ø16 - Ø20 - Ø25
Ø32 - Ø40

**6 Kartuş Tipi**
*Cartridge Type*
*Wechselkopftyp*

SDUCR/L, SCLCR/L, SVUCR/L, TCLNR/L, TDUNR/L




AKKO **A** (1) **TT** (2) **C** (3) **16-25** (4)



**2 Takım Tipi**
*Tool Type*
*Werkzeugtyp*

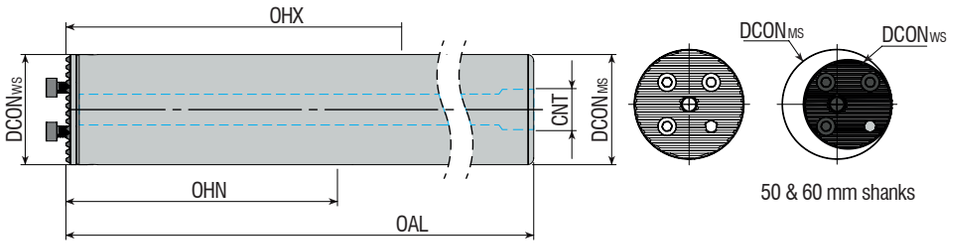
Tırlamaz Takım Kartuşu
*Anti Vibration Tool Cartridge*
*Wechselkopf für Schwingungsgedämpfte Bohrstangen*

**3 Kartuş**
*Cartridge*
*Wechselkopf*

Merkezleme Kartuş Kodu
*Centering Cartridge Code*
*Bezeichnung für zentriertes Wechselkopf*

**4 Kullanılan Gövde Çap Aralığı**
*Usable diameter range for body*
*Nutzbarer Durchmesserbereich für Werkzeugschaft*

ATTB-D16/D20/D25
ATTB-D32/D40/D50/D60



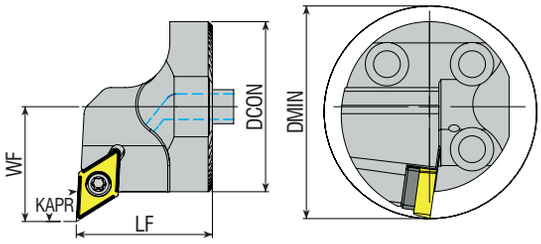

50 & 60 mm shanks

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DCONMS | DCONWS | OAL | OHN | OHX | CNT | DCON | DMIN | Montaj Vidası *Shim Screw* *Schraube für Unterlage* | Montaj Vida Anahtar *Mounting Screw Key* *Innensechskantschlüssel für Befestigungsschraube* |
| **ATTB-D16-156-7D-H** | ○ | 16 | 16 | 156 | 55 | 92 | G1/8 | 16 | 20 | 2525-M3X10 | AAL-02-2.5 |
| **ATTB-D16-204-10D-H-E** | ○ | 16 | 16 | 204 | 96 | 140 | G1/8 | 16 | 20 | | |
| **ATTB-D20-200-7D-H** | ○ | 20 | 20 | 200 | 70 | 120 | G1/4 | 20 | 25 | 2503-M3.5x10 | |
| **ATTB-D20-260-10D-H-E** | ○ | 20 | 20 | 260 | 120 | 180 | G1/4 | 20 | 25 | | |
| **ATTB-D25-255-7D-H** | ● | 25 | 25 | 255 | 88 | 158 | G1/4 | 25 | 32 | 2503-M4X12 | AAL-03-3 |
| **ATTB-D25-330-10D-H** | ○ | 25 | 25 | 330 | 155 | 230 | G1/4 | 25 | 32 | | |
| **ATTB-D32-320-7D-H** | ● | 32 | 32 | 320 | 100 | 192 | G3/8 | 32 | 40 | 2504-M5x12 | AAL-05-4 |
| **ATTB-D32-416-10D-H** | ○ | 32 | 32 | 416 | 192 | 288 | G3/8 | 32 | 40 | | |
| **ATTB-D40-408-7D-H** | ● | 40 | 40 | 408 | 128 | 248 | G1/2 | 40 | 50 | 2505-M6X16 | AAL-07-5 |
| **ATTB-D40-528-10D-H** | ○ | 40 | 40 | 528 | 248 | 368 | G1/2 | 40 | 50 | | |
| **ATTB-D50-519-7D-H** | ● | 50 | 40 | 519 | 168 | 318 | G1/2 | 40 | 63 | | |
| **ATTB-D50-669-10D-H** | ○ | 50 | 40 | 669 | 318 | 468 | G1/2 | 40 | 63 | | |
| **ATTB-D60-628-7D-H** | ● | 60 | 40 | 628 | 208 | 388 | G3/4 | 40 | 80 | | |
| **ATTB-D60-808-10D-H** | ○ | 60 | 40 | 808 | 388 | 568 | G3/4 | 40 | 80 | | |

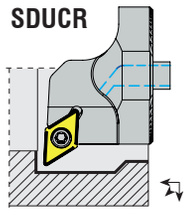
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

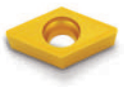
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ATTB-D16-156-7D-H

**KAPR=93°**

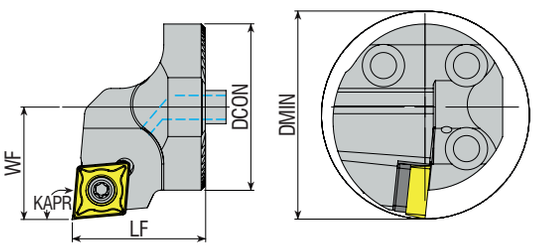



**SDUCR**

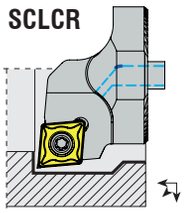


| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Bağlantı Parçası *Connection Part* *Verbindungsstück* | Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel* |
| | R | L | DCON | LF | WF | DMIN |  | | | | | |
| ATTC-A16 SDUCR/L 07 | ● | ● | 16 | 20 | 11 | 20 | **DC.. 0702..** | 4008-M2.5x6 | - | - | ACP-02 | 82-T08 |
| ATTC-A20 SDUCR/L 11 | ● | ● | 20 | 20 | 13 | 25 | | 4015-M3.5x11 | | | | |
| ATTC-A25 SDUCR/L 11 | ● | ● | 25 | 23 | 17 | 32 | | 4015-M3.5x12 | | AAV-08-M3.5x8 | | |
| ATTC-A32 SDUCR/L 11 | ● | ● | 32 | 32 | 22 | 40 | **DC.. 11T3..** | 4015-M3.5x14 | AADN-2-0001 | AAV-06-M3.5x11 | ACP-01 | 82-T15 |
| ATTC-A40 SDUCR/L 11 | ● | ● | 40 | 32 | 27 | 50 | | | | | | |

**KAPR=95°**




**SCLCR**

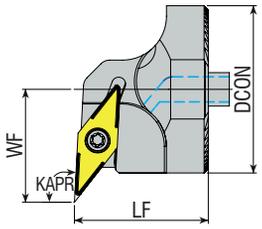


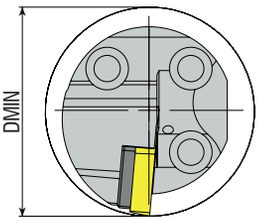
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Sıkma Vidası *Screw* *Klemmschraube* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Bağlantı Parçası *Connection Part* *Verbindungsstück* | Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel* |
| | R | L | DCON | LF | WF | DMIN | | | | | | |
| ATTC-A16 SCLCR/L 06 | ● | ● | 16 | 20 | 11 | 20 | **CC.. 0602..** | 4008-M2.5x6 | - | - | ACP-02 | 82-T08 |
| ATTC-A20 SCLCR/L 09 | ● | ● | 20 | 20 | 13 | 25 | | 4015-M3.5x9 | | | | |
| ATTC-A25 SCLCR/L 09 | ● | ● | 25 | 23 | 17 | 32 | **CC.. 09T3..** | 4015-M3.5x12 | AACN-2-0001 | AAV-08-M3.5x8 | ACP-01 | 82-T15 |
| ATTC-A32 SCLCR/L 09 | ● | ● | 32 | 32 | 22 | 40 | | | | | | |
| ATTC-A40 SCLCR/L 09 | ● | ○ | 40 | 32 | 27 | 50 | | 4015-M3.5x12 | | AAV-08-M3.5x8 | | |
| ATTC-A40 SCLCR/L 12 | ● | ● | 40 | 32 | 27 | 50 | **CC.. 1204..** | 1020-M4.5x16 | AACN-2-0003 | AAV-07-M4.5x13 | | 80-T20 |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

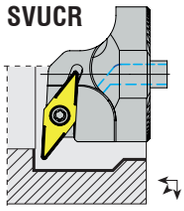
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ATTC-A16-SDUCR 07

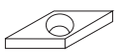
**KAPR=93°**



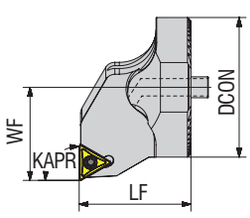



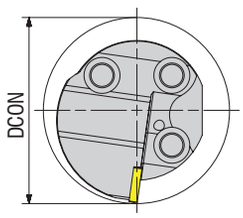

**SVUCR**



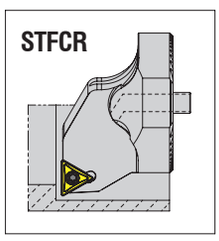
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Sıkma Vidası *Screw* *Klemmschraube* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Bağlantı Parçası *Connection Part* *Verbindungsstück* | Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel* |
| | R | L | DCON | LF | WF | DMIN | | |  | | | |
| **ATTC-A20 SVUCR/L 11** | ● | ● | 20 | 20 | 15 | 27 | **VC.. 1103..** | 4008-M2.5x6 | - | - | ACP-02 | 82-T08 |
| **ATTC-A25 SVUCR/L 11** | ● | ● | 25 | 23 | 17 | 32 | | | | | | |
| **ATTC-A32 SVUCR/L 16** | ● | ● | 32 | 32 | 22 | 40 | **VC.. 1604..** | 4015-M3.5x14 | AAVN-2-0002 | AAV-06-M3.5x11 | ACP-01 | 80-T15 |
| **ATTC-A40 SVUCR/L 16** | ● | ● | 40 | 32 | 27 | 50 | | | | | | |

**KAPR=90°**




**STFCR**

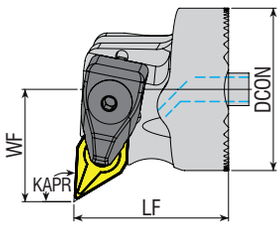


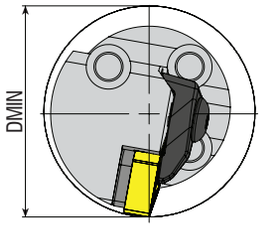
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Sıkma Vidası *Screw* *Klemmschraube* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Bağlantı Parçası *Connection Part* *Verbindungsstück* | Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel* |
| | R | L | DCON | LF | WF | DMIN | | | | | | |
| **ATTC-A20 STFCR/L 11** | ○ | ● | 20 | 20 | 13 | 25 | **TC.. 1102..** | 4008-M2.5X6 | - | - | ACP-02 | 82-T08 |
| **ATTC-A40 STFCR/L 11** | ● | ○ | 40 | 32 | 27 | 50 | | | | | ACP-01 | |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

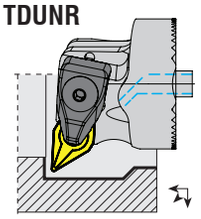
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ATTC-A20 SVUCR 11

**KAPR=93°**



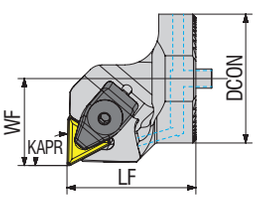



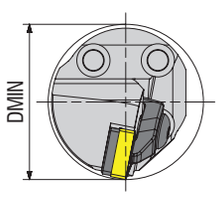

**TDUNR**



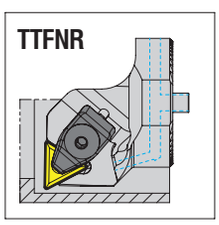
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | DCON | LF | WF | DMIN | | Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Segman *Ring* *Feder* | Pul *Stamp* *Ring* | Bağlantı Parçası *Connection Part* *Verbindungsstück* | Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel* |
| **ATTC-A32 TDUNR/L 11** | ● | ● | 32 | 32 | 22 | 40 | **DN.. 1104..** | ATK-01 | AKV-01-M5x22 | AADN -2-0001 | AAV-04-M5x12 | AS-01 | ABPL-01 | ACP-01 | AAL-03-3 |
| **ATTC-A40 TDUNR/L 15** | ● | ● | 40 | 38 | 27 | 50 | **DN.. 1506..** | ATK-02 | AKV-30-M6x22 | AADN -3-0001 | AAV-02-M5x12 | | | | |

**KAPR=90°**




**TTFNR**

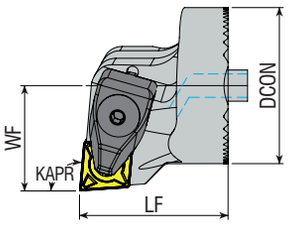


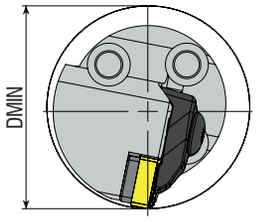
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | DCON | LF | WF | DMIN | | Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Segman *Ring* *Feder* | Pul *Stamp* *Ring* | Bağlantı Parçası *Connection Part* *Verbindungsstück* | Anahtar *Allen Key* *Innensechskantschlüssel* |
| **ATTC-A40 TTFNR/L 16** | ○ | ● | 40 | 40 | 27 | 50 | **TN.. 1604..** | ATK-01 | AKV-01-M5X22 | AATN-2-0002 | AAV-03-M5X12 | - | ABPL-01 | ACP-01 | AAL-03-3 |

ISO Ucuna Uygundur. / Compatible with ISO Insert. / Kompatibel mit ISO Wendeplatten.
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

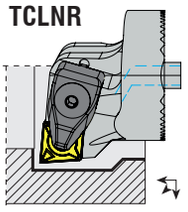
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ATTC-A32 TDUNR 11

**KAPR=95°**



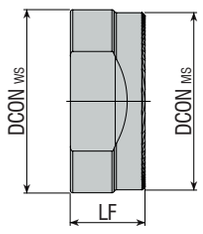



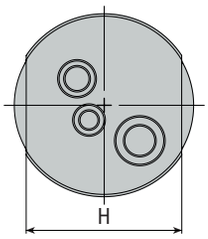

**TCLNR**



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Segman *Ring* *Feder* | Pul *Stamp* *Ring* | Bağlantı Parçası *Connection Part* *Verbindungsstück* | Anahtar *Allen Key* *Innensechskantschlüssel* |
| | R | L | DCON | LF | WF | DMIN | | | | | | | | | |
| **ATTC-A32 TCLNR/L 12** | ● | ● | 32 | 38 | 22 | 40 | **CN.. 1204..** | ATK-02 | AKV-30-M6x22 | AACN -3-0001 | AAV-02-M5x12 | AS-01 | ABPL-01 | ACP-01 | AAL-03-3 |
| **ATTC-A40 TCLNR/L 12** | ● | ● | 40 | 40 | 27 | 50 | | | | | | | | | |

## TIRLAMAZ TAKIMLARIN MERKEZLEME APARATI
*ANTI VIBRATION TOOLS CENTERING INSTRUMENT*
*ZENTRIERWERKZEUG FÜR SCHWINGUNGSGEDÄMPFTE BORSTANGE*




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Gövde Tipi *Booring Bars* *Schaft* |
|---|---|---|---|---|---|---|
| | | DCONWS | DCONMS | LF | H | |
| **ATTC-16-25** | ● | 28 | 25 | 15 | 22 | ATTB-D16/D20/D25 |
| **ATTC-32-60** | ● | 53 | 40 | 20 | 35 | ATTB-D32/D40/D50/D60 |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

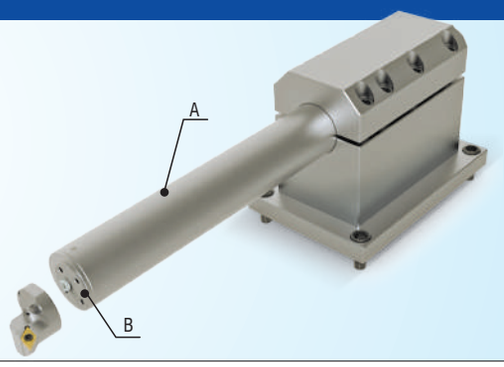
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ATTC-A32 TCLNR 12

## 1 Montaj ve Ayarlama | *Assembly and Adjusting* | *Montage und Einstellung*

Kartuş ve gövdenin montaj edilecek yüzeyleri, tutucunun iç kısmı temizlenmelidir. Aşağıdaki görselde A ve B konumlarına bakın.

*The surface of the cartridge and the shank to be mounted, as well as the inner part of the toolholder should be cleaned. Check A and B in the image below.*

*Die Oberflächen des Wechselkopfes und des zu montierenden Schafts sowie der innere Teil des Werkzeughalters sollten gereinigt werden. Siehe A und B unten auf der Abbildung*

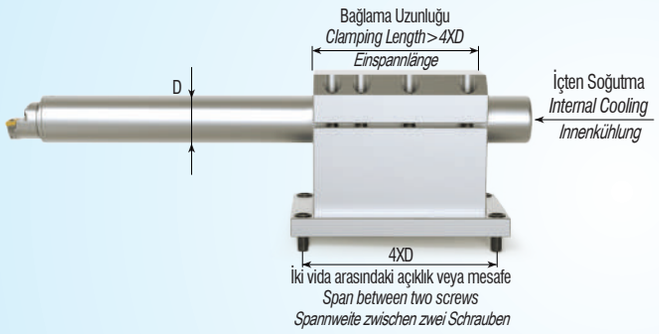


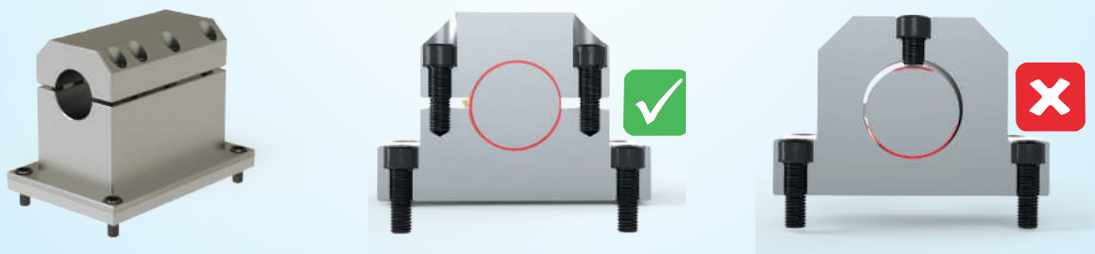

## 2 Gövde Montajı | *Assembly for the Shank* | *Schaftmontage*

Bağlama uzunluğu 4 L / D oranından az olmamalıdır. Tutucunun üst kısmını çıkartma yöntemiyle veya diğer tutma sıkma yöntemleriyle kullanmanızı öneririz (C tip). Vidalı bağlama yöntemi kullanmayın. Uzun süre çalışırken lütfen içten soğutmayı kullanın.

*The clamping length should not be less than 4 L/D raito. Suggest using the clamping cover with opening method and other holding clamping methods. (Type C). Do not use screw clamping method. Use inner cooling please when working a long time.*

*Die Einspannlänge sollte nicht weniger als 4 L / D raito betragen. Vorgeschlagen ist die Oberseite des Halters zu öffnen und andere Halte-Klemmmethoden zu verwenden. (Typ C). Bitte nicht die Schraubklemmmethode verwenden . Bei langer Nutzung, bitte die Innenkühlung verwenden.*



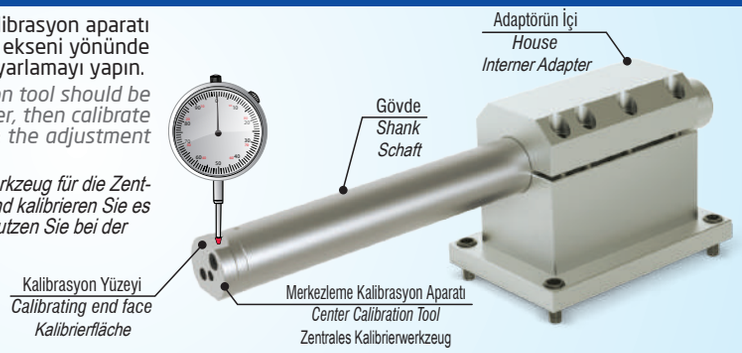


## 3 Merkez Yüksekliğinin Ayarlanması | *Adjusting the Height of Centre Assembly* | *Einstellung der Zentrumhöhe*

Gövdeyi ilk kez montaj ederken merkez yüksekliği için özel kalibrasyon aparatı kullanılmalıdır. Önce gövdeyi tutucuya monte edin, ardından X ekseni yönünde 0,01 tolerans içinde kalibre edin. Lütfen komparatör saati ile ayarlamayı yapın.

*When mounting the body for the first time, a special calibration tool should be used for the center height. First mount the shank on the holder, then calibrate it within 0.01 tolerance on the X axis direction. Please make the adjustment with the dial indicator device.*

*Bei der erstmaligen Montage des Schaftes sollte ein spezielles Kalibrierwerkzeug für die Zentrumhöhe verwendet werden. Montieren Sie zuerst den Schaft am Halter und kalibrieren Sie es dann innerhalb einer Toleranz von 0,01 in Richtung der X-Achse. Bitte benutzen Sie bei der Einstellung eine Messuhr*




## 4 Doğru Kartuş Montajı | *Assembly the Right Cartridge* | *Richtige Wechselkopfmontage*

Yandaki şekle bakın:
*See the figure on the side:*
*Siehe die Abbildung auf der Seite:*

**Sol Yön Takım**
*Left Hand*
*Linke Richtung*

**Sağ Yön Takım**
*Right Hand*
*Rechte Richtung*

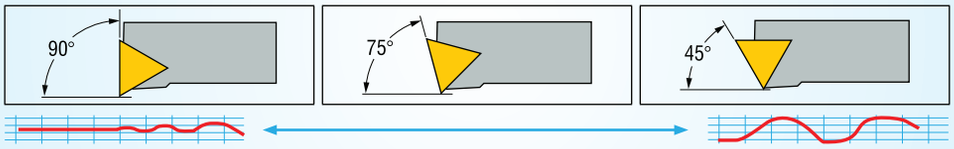
## **Doğru Uç Seçimi** / *Choosing the Correct Insert* / *Auswahl der richtigen Wendeschneidplatte*

Doğru kesici ucun seçilmesi, titreşim sönümlemenin genel başarısı üzerinde büyük bir etkiye sahipdir. Kesici ucun işleme stabilitesini artırabilmesinin ana yolu kesme kuvvetlerini en aza indirmektir. Titreşimleri ortadan kaldırmak için aşağıdaki adımlara uymanız gerekir: Mümkünse, her zaman kısa takımları kullanın. Aksi takdirde, titreşimi en aza indirmek için hızlarınızı azaltın.

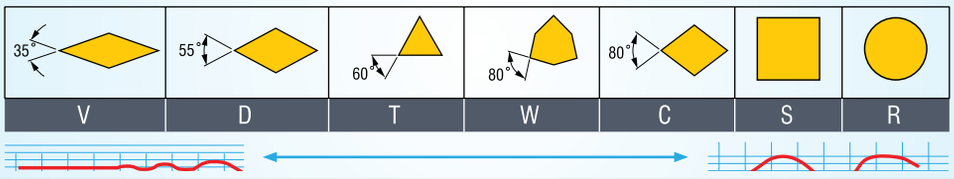
*Choosing the correct insert can have a big influence on the overall success of vibration damping. The main way the insert can improve the machining stability is by minimizing the cutting forces. Following the guidelines below should be your first step to eliminate vibrations: If possible, use it always short drilling tools. Otherwise, reduce your speeds to minimize vibration.*

*Die Auswahl des richtigen Einsatzes kann einen großen Einfluss auf den Gesamterfolg der Schwingungsdämpfung haben. Die Wendeschneidplatte kann die Bearbeitungsstabilität hauptsächlich durch Minimierung der Schneidkräfte verbessern. Das Befolgen der folgenden Richtlinien sollte Ihr erster Schritt sein, um Vibrationen zu beseitigen: Verwenden Sie nach Möglichkeit immer kurze Werkzeuge. Reduzieren Sie andernfalls die Geschwindigkeit, um Vibrationen zu minimieren.*

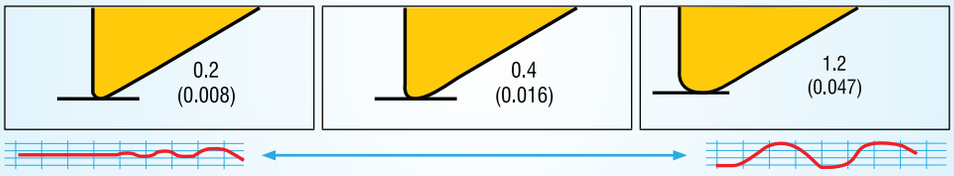
**A** Radyal kuvvetleri minimuma indirmek için mümkün olduğunca 90° 'ye yakın bir giriş açılı takımı seçin.
*Choose an entry angle that is as close as possible to 90° to reduce the radial forces to a minimum.*
*Wählen Sie einen Eintrittswinkel, der so nah wie möglich an 90 ° liegt, um die Radialkräfte auf ein Minimum zu reduzieren.*



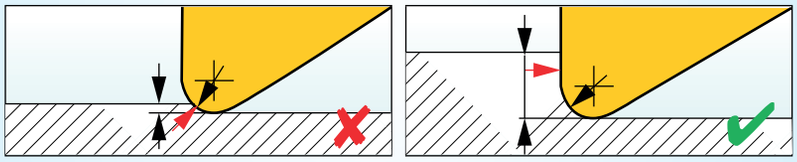

**B** Mümkün olan en küçük kesici uç açısını seçin. Böylece kesme kuvvetleri azalacak ve yüzey kalitesi artacak.
*Choose the smallest insert head angle possible. This will reduce overall cutting forces and increase the clearance.*
*Wählen Sie den kleinstmöglichen Wendeschneidplattenwinkel. Damit wird sich die Gesamtschneidkraft verringern und die Klarheit verbessern.*



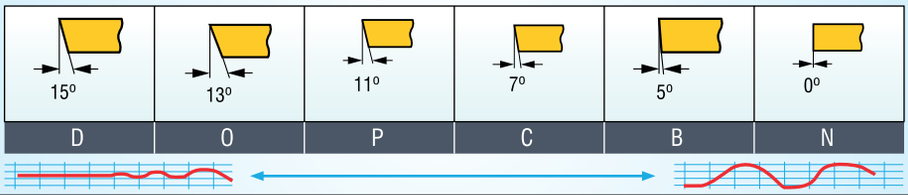

**C** Titreşimi azaltmak için olabildiğince en küçük radyüslü ucu seçmelisiniz.
*Choose a small nose radius to reduce the cutting forces and to enable machining in a lower depth of cut.*
*Wählen Sie einen Eintrittswinkel, der so nah wie möglich an 90 ° liegt, um die Radialkräfte auf ein Minimum zu reduzieren.*



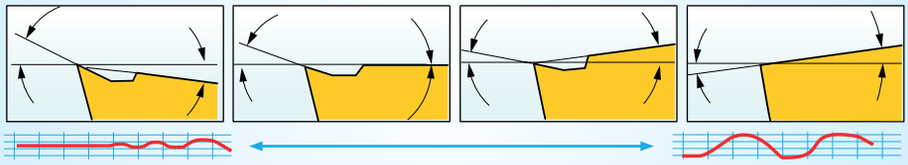

**D** İşleme derinliği (ap) radyüsten daha büyük olmalıdır.
*Machining depth (ap) should be larger than the nose radius.*
*Die Bearbeitungstiefe (ap) sollte größer als der Schneideckenradius sein.*



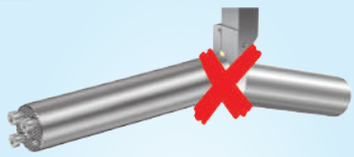
**E** Kesme kuvvetlerini azaltmak için daha pozitif geometriye sahip bir kesici uç kullanın:
*Use an insert with an overall positive geometry to reduce the cutting forces:*
*Verwenden Sie eine Wendeschneidplatte mit insgesamt positiver Geometrie, um die Schneidkräfte zu reduzieren:*




**F** Pozitif bir üst eğim geometrisi seçin:
*Choose a positive top rake geometry:*
*Benutzen Sie einen positiven, oberen Spanwinkel:*



**G** *For-dampened-straight-adaptor:*



*L, kesildikten sonra min uzunluk*
*L, min length after cut off*
*L, min Länge nach dem Abschneiden*

| Ø | Kısa Tasarım *Short Design* *Kurzes Design* 4-7x Ø (mm) | Uzun Tasarım *Long Design* *Langes Design* 7-10x Ø (mm) |
|---|---|---|
| 16 | 100 | 155 |
| 20 | 125 | 200 |
| 25 | 155 | 255 |
| 32 | 190 | 320 |
| 40 | 240 | 410 |
| 50 | 305 | 520 |
| 60 | 380 | 630 |

# AKKO®

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Takım Tutucu Sistemler ve Kesici Uçlar
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*konuşulan*
*the spoken kalite...*
*quality...*

# KARTUŞLAR

**KARTUŞLAR**
*CARTRIDGE*
*KURZDREHHALTER*

| S | T | F | C | R | 12 | C | A | 16 |
|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |

## 1 Sıkma Tipi / *Method of Mounting of Insert* / *Klemmsystem*

| C | P | S |
|---|---|---|
| Deliksiz Üstten Sıkma<br>*Top Clamping Without Hole*<br>*Pratzenkeilklemmung* | Delikten Levye ile Sıkma<br>*Hole Clamping (Lever Lock)*<br>*Kniehebel-Spannsystem* | Vida ile Sıkma<br>*Screw on*<br>*Schrauben-Spannsystem* |

## 2 Uç Tipi / *Type of Insert* / *Plattenform*

| C | S | T |
|---|---|---|

## 3 Yanaşma Açısı / *Tool Holder Shape Bar Geometry* / *Anstellwinkel*

| L | S | F |
|---|---|---|
| 95° 95° | 45° | 90° |
| **R** | **K** | **G** |
| 75° | 75° | 90° |
| **W** | **T** | |
| 60° | 60° | |

## 4 Serbest Uç Açısı / *Insert Clearance Ange* / *Freiwinkel*

| C | P | N |
|---|---|---|
| 7° | 11° | 0° |

## 5 Kesme Yönü / *Cutting Direction* / *Halterausführung*

| R | L |
|---|---|

## 6 Kesme Kenar Yüksekliği / *Cutting Edge Height* / *Drehhalterhöhe*

h

## 7 Kartuş Kodu / *Cartridge Code* / *Wechselkopfbezeichnung*

**C**
(Kartuş / *Cartridge Code* / *Kurzdrehhalter Bezeichnung*)

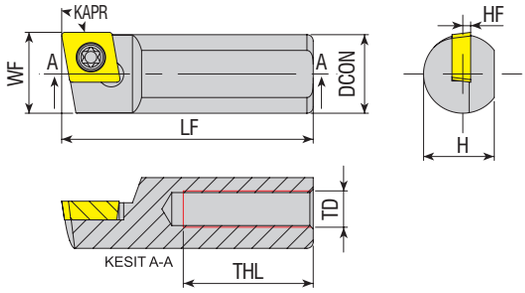
## 8 Kartuş Tipi / *Cartridge Type* / *Wechselkopftyp*

**A**
(ISO 5611)

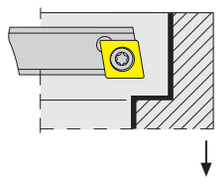
## 9 Kesme Kenar Uzunluğu / *Cutting Edge Length* / *Halterausführung*

L L L

**KAPR=90°**



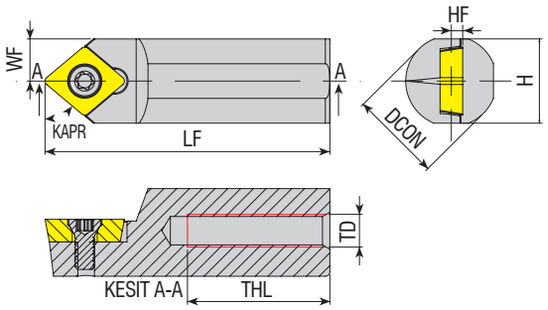

**SCACL**

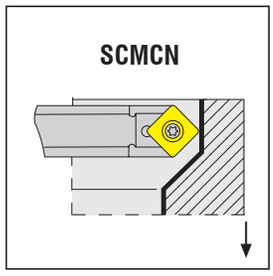


| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | DCON | H | LF | THL | HF | WF | TD | | | |
| **S10X SCACR/L 06** | ● | ● | 10 | 9 | 25 | 10 | 1 | 10.3 | M5x0.8 | | | |
| **S10A SCACR/L 06** | ● | ● | 10 | 9 | 32 | 15 | 1 | 10.3 | M5x0.8 | | | |
| **S1018 SCACR/L 06** | ○ | ● | 10 | 9 | 18 | 8 | 1 | 9.8 | M5x0.8 | | | |
| **S1065 SCACR/L 06** | ○ | ● | 10 | 9 | 65 | 25 | 1 | 10.3 | M5x0.8 | **CC.. 0602..** | 4008-M2.5x6 | 82-T08 |
| **S10C SCACR/L 06** | ● | ● | 10 | 9 | 50 | 25 | 1 | 10.3 | M5x0.8 | | | |
| **S12B SCACR/L 06** | ● | ● | 12 | 11 | 40 | 25 | 1 | 12.3 | M5x0.8 | | | |
| **S12D SCACR/L 06** | ● | ● | 12 | 11 | 60 | 25 | 1 | 12.3 | M5x0.8 | | | |
| **S12D SCACR/L 09** | ● | ● | 12 | 11 | 60 | 25 | 2 | 12.3 | M5x0.8 | | | |
| **S1265 SCACR/L 09** | ○ | ● | 12 | 11 | 65 | 25 | 2 | 12.3 | M5x0.8 | | | |
| **S12H SCACR/L 09** | ● | ● | 12 | 11 | 100 | 25 | 2 | 12.3 | M5x0.8 | | | |
| **S15C SCACR/L 09** | ● | ● | 15 | 14 | 50 | 25 | 2 | 15.3 | M8x1.25 | | | |
| **S1554 SCACR/L 09** | ○ | ● | 15 | 14 | 54 | 25 | 2 | 15.3 | M8x1.25 | | | |
| **S15E SCACR/L 09** | ○ | ● | 15 | 14 | 70 | 45 | 2 | 15.3 | M8x1.25 | | | |
| **S15D SCACR/L 09** | ○ | ● | 15 | 14 | 60 | 30 | 2 | 15.3 | M8x1.25 | | | |
| **S16A SCACR/L 09** | ● | ● | 16 | 15 | 32 | 15 | 2 | 16.5 | M6x1 | | | |
| **S16B SCACR/L 09** | ● | ● | 16 | 15 | 40 | 20 | 2 | 16.5 | M6x1 | | | |
| **S16C SCACR/L 09** | ○ | ● | 16 | 15 | 50 | 25 | 2 | 16.5 | M6x1 | | | |
| **S16D SCACR/L 09** | ● | ● | 16 | 15 | 60 | 30 | 2 | 16.5 | M6x1 | **CC.. 09T3..** | 4015-M3.5x8 | 80-T15 |
| **S16E SCACR/L 09** | ○ | ● | 16 | 15 | 70 | 30 | 2 | 16.5 | M6x1 | | | |
| **S16G SCACR/L 09** | ● | ● | 16 | 15 | 90 | 30 | 2 | 16.5 | M6x1 | | | |
| **S16H SCACR/L 09** | ○ | ● | 16 | 15 | 100 | 35 | 4 | 16.5 | M6x1 | | | |
| **S1868 SCACR/L 09** | ○ | ● | 18 | 17 | 68 | 30 | 2 | 18.5 | M8x1.25 | | | |
| **S18E SCACR/L 09** | ● | ● | 18 | 17 | 70 | 30 | 2 | 18.5 | M8x1.25 | | | |
| **S1888 SCACR/L 09** | ○ | ● | 18 | 17 | 88 | 30 | 2 | 18.5 | M8x1.25 | | | |
| **S18105 SCACR/L 09** | ○ | ● | 18 | 17 | 105 | 30 | 2 | 18.5 | M8x1.25 | | | |
| **S18175 SCACR/L 09** | ○ | ● | 18 | 17 | 175 | 30 | 2 | 18.5 | M8x1.25 | | | |
| **S20E SCACR/L 09** | ● | ● | 20 | 18.3 | 70 | 30 | 2 | 20.5 | M6x1 | | | |
| **S20E SCACR/L 12** | ● | ● | 20 | 18.3 | 70 | 30 | 2 | 20.5 | M6x1 | **CC.. 1204..** | 1020-M5x11 | 80-T20 |
| **S20H SCACR/L 12** | ● | ● | 20 | 18.3 | 100 | 30 | 2 | 20.5 | M6x1 | | | |

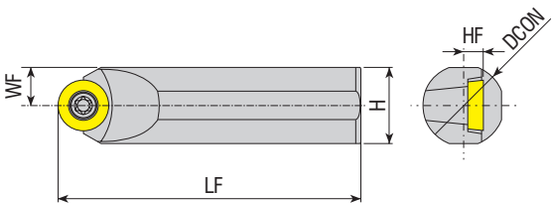
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

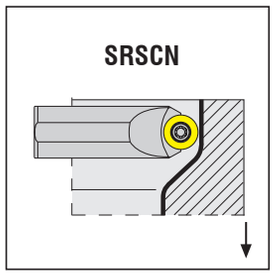
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück S10X SCACR 06




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DCON | H | LF | THL | HF | WF | TD | | Sıkma Vidası *Screw* *Klemmschraube* | Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel* |
| **S08A SCMCN 06** | ● | 8 | 7 | 32 | - | 2 | 4 | - | **CC.. 0602..** | 4008-M2.5x6 | 82-T08 |
| **S10X SCMCN 06** | ● | 10 | 9 | 25 | 10 | 1 | 4.5 | M5x0.8 | | | |
| **S10A SCMCN 06** | ● | 10 | 9 | 32 | 15 | 1 | 4.5 | | | | |
| **S10B SCMCN 06** | ● | 10 | 9 | 40 | 20 | 1 | 4.5 | | | | |
| **S10C SCMCN 06** | ● | 10 | 9 | 50 | 25 | 1 | 4.5 | | | | |
| **S10D SCMCN 06** | ● | 10 | 9 | 60 | 25 | 1 | 4.5 | | | | |
| **S12D SCMCN 06** | ● | 12 | 11 | 60 | 25 | 1 | 5.5 | | | | |
| **S16C SCMCN 09** | ● | 16 | 15 | 50 | 25 | 2 | 7.5 | M6x1 | **CC.. 09T3..** | 4015-M3.5X9 | 80-T15 |
| **S16D SCMCN 09** | ● | 16 | 15 | 60 | 25 | 4 | 7.5 | | | 4015-M3.5x11 | |



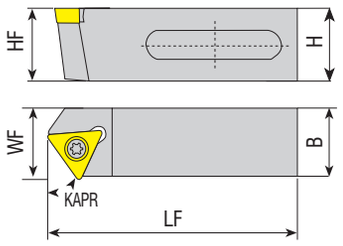




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|
| | | DCON | H | WF | HF | LF | | Sıkma Vidası *Screw* *Klemmschraube* | Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel* |
| **S12D SRSCN 10** | ● | 12 | 11 | 5.5 | 3.9 | 60 | **RC.. 10T3..** | 4015-M3.5x9 | 80-T15 |
| **S14D SRSCN 10** | ● | 14 | 13 | 6.5 | 3.9 | 60 | | 4015-M3.5x11 | |
| **S16D SRSCN 10** | ● | 16 | 15 | 7.5 | 3.9 | 60 | | | |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück S08A SCMCN 06

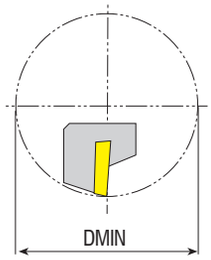
**KAPR=35°**

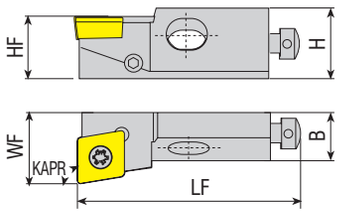


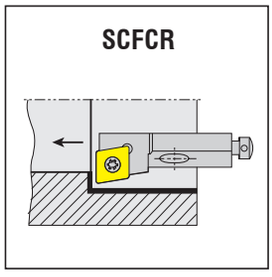

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* R | L | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* B | HF | H | LF | WF | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| **STXCR/L 2020 B16** | ○ | ● | 20 | 20 | 20 | 45 | 20 | **TC.. 16T3..** | 4015-M3.5x11 | 80-T15 |
| **STXCR/L 2020 E16** | ○ | ● | 20 | 20 | 20 | 70 | 20 | | | |
| **STXCR/L 2020 B16-SA** | ○ | ● | 20 | 10 | 20 | 45 | 20 | | | |
| **STXCR/L 2020 E16-SA** | ○ | ● | 20 | 10 | 20 | 70 | 20 | | | |
| **STXCR/L 2020 B16-PL** | ○ | ● | 20 | 10 | 20 | 45 | 20 | | | |
| **STXCR/L 2020 E16-PL** | ○ | ● | 20 | 10 | 20 | 70 | 20 | | | |
| **STXCR/L 2020 H16-PL** | ○ | ● | 20 | 10 | 20 | 100 | 20 | | | |



**KAPR=90°**



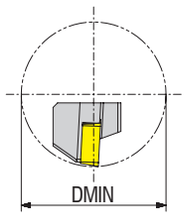



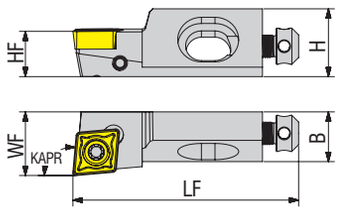

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* R | L | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF | H | B | LF | WF | DMIN | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Sıkma Vidası *Screw* *Klemmschraube* | Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SCFCR/L 06CA 06** | ● | ● | 6 | 8.5 | 6 | 25 | 8 | ≥20 | **CC.T 060204** | - | - | 4008-M2.5x6 | 82-T08 |
| **SCFCR/L 08CA 06** | ● | ● | 8 | 11 | 8 | 32 | 10 | ≥25 | | | | | |
| **SCFCR/L 10CA 09** | ● | ● | 10 | 15 | 11 | 50 | 14 | ≥40 | **CC.T 09T308** | - | - | 4015-M3.5x9 | 80-T15 |
| **SCFCR/L 12CA 12** | ● | ○ | 12 | 20 | 15 | 55 | 20 | ≥50 | **CC.T 120408** | - | - | 1020-M5x11 | 80-T20 |
| **SCFCR/L 16CA 12** | ● | ● | 16 | 21 | 20 | 63 | 25 | ≥60 | | AACN-2-0003 | AAV-10-M4.5x8 | 4020-M4.5x12 | |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

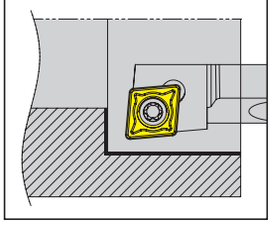
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück STXCR 2020 B16

**KAPR=95°**



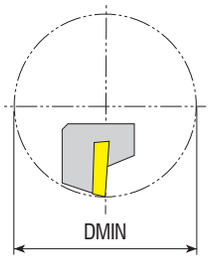

**SCLCR**

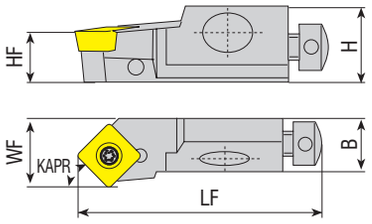


| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Sıkma Vidası *Screw* *Klemmschraube* | Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel* |
| | R | L | HF | H | B | LF | WF | DMIN | | | | | |
| **SCLCR/L 08CA 06** | ● | ○ | 8 | 11 | 7.5 | 32 | 10 | ≥25 | **CC.T 060204** | - | - | 4008-M2.5x6 | 82-T08 |
| **SCLCR/L 10CA 09** | ● | ○ | 10 | 15 | 11 | 50 | 14 | ≥40 | **CC.T 09T308** | - | - | 4015-M3.5x9 | 80-T15 |
| **SCLCR/L 12CA 09** | ● | ○ | 12 | 20 | 15 | 55 | 20 | ≥50 | | - | - | 4015-M3.5x11 | |
| **SCLCR/L 12CA 12** | ● | ○ | 12 | 20 | 15 | 55 | 20 | ≥50 | **CC.T 120408** | | | 1020-M5x11 | 80-T20 |

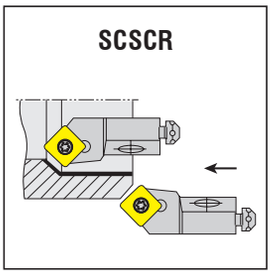
ISO Ucuna Uygundur. / Compatible with ISO Insert. / Kompatibel mit ISO Wendeplatten.

**KAPR=45°**



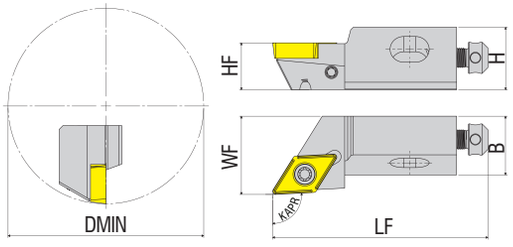

**SCSCR**

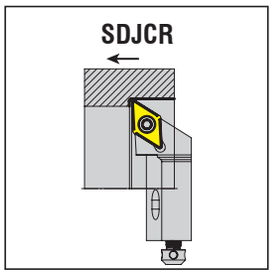


| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Sıkma Vidası *Screw* *Klemmschraube* | Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel* |
| | R | L | HF | H | B | LF | WF | DMIN | | | | | |
| **SCSCR/L 06CA 06** | ● | ○ | 6 | 8 | 6 | 30 | 8 | ≥20 | **CC.T 060204** | - | - | 4008-M2.5x6 | 82-T08 |
| **SCSCR/L 10CA 09** | ● | ○ | 10 | 15 | 11 | 50 | 14 | ≥40 | **CC.T 09T308** | - | - | 4015-M3.5x9 | 80-T15 |
| **SCSCR/L 12CA 12** | ○ | ○ | 12 | 20 | 15 | 55 | 20 | ≥50 | **CC.T 120408** | - | - | 1020-M5x11 | 80-T20 |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

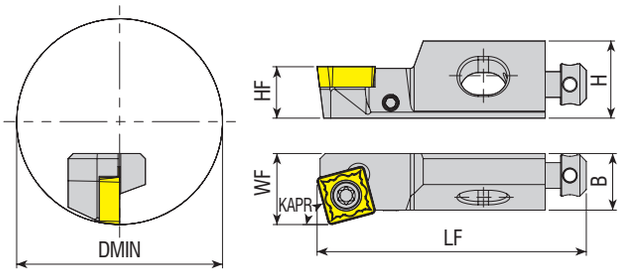
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück SCLCR 08CA 06

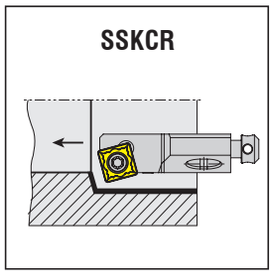



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Sıkma Vidası *Screw* *Klemmschraube* | Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel* |
| | R | L | HF | H | B | LF | WF | DMIN | | | | | |
| **SDJCR/L 10CA 07** | ● | ○ | 10 | 15 | 11 | 50 | 14 | ≥40 | **DC.T 070204** | - | - | 4008-M2.5x6 | 82-T08 |
| **SDJCR/L 12CA 11** | ● | ○ | 12 | 16 | 15 | 55 | 20 | ≥50 | **DC.T 11T308** | - | - | 4015-M3.5x10 | 80-T15 |

ISO Ucuna Uygundur. / Compatible with ISO Insert. / Kompatibel mit ISO Wendeplatten.



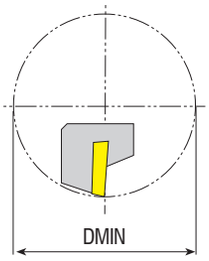



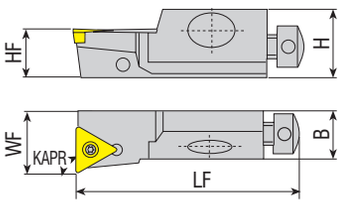

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Sıkma Vidası *Screw* *Klemmschraube* | Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel* |
| | R | L | HF | H | B | LF | WF | DMIN | | | | | |
| **SSKCR/L 10CA 09** | ● | ○ | 10 | 15 | 11 | 50 | 14 | ≥40 | **SC.T 09T308** | - | - | 4015-M3.5x9 | 80-T15 |
| **SSKCR/L 12CA 12** | ● | ○ | 12 | 20 | 15 | 55 | 20 | ≥50 | **SC.T 120408** | - | - | 1020-M5x11 | 80-T20 |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

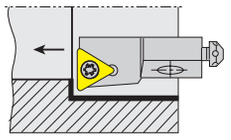
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück SDJCR 10CA 07

**KAPR=90°**



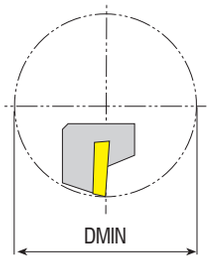



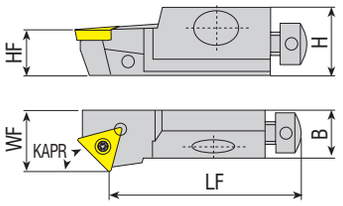

**STFCR**



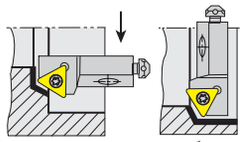
| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* | | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* | | | | | | Kesici Uç / *Insert* / *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | Altlık / *Shim* / *Unterlage* | Altlık Vidası / *Shim Screw* / *Schraube für Unterlage* | Sıkma Vidası / *Screw* / *Klemmschraube* | Tork Anahtar / *Torx Key* / *Torx Innensechskantschlüssel* |
| | R | L | HF | H | B | LF | WF | DMIN | | | | | |
| **STFCR/L 08CA 09** | ● | ● | 8 | 11 | 8 | 32 | 10 | ≥25 | **TC.T 090204** | - | - | 3007-M2.2x4.6 | 82-T07 |
| **STFCR/L 10CA 11** | ● | ● | 10 | 15 | 11 | 50 | 14 | ≥40 | **TC.T 110204** | - | - | 4008-M2.5x6 | 82-T08 |
| **STFCR/L 12CA 16** | ● | ○ | 12 | 20 | 15 | 55 | 20 | ≥50 | **TC.T 16T308** | - | - | 4015-M3.5x11 | 80-T15 |
| **STFCR/L 16CA 16** | ● | ● | 16 | 21 | 20 | 63 | 25 | ≥60 | | AATN-2-0001 | AAV-06-M3.5x11 | 4015-M3.5x14 | |

**KAPR=45°**




**STSCR**

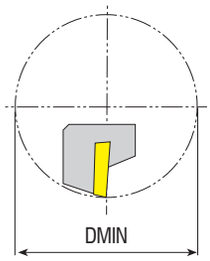


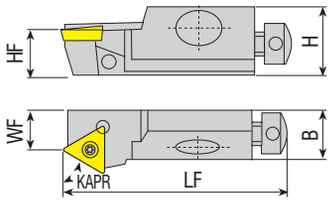
| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* | | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* | | | | | | Kesici Uç / *Insert* / *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | Altlık / *Shim* / *Unterlage* | Altlık Vidası / *Shim Screw* / *Schraube für Unterlage* | Sıkma Vidası / *Screw* / *Klemmschraube* | Tork Anahtar / *Torx Key* / *Torx Innensechskantschlüssel* |
| | R | L | HF | H | B | LF | WF | DMIN | | | | | |
| **STSCR/L 08CA 09** | ● | ○ | 8 | 11 | 8 | 28 | 10 | ≥25 | **TC.T 090204** | - | - | 3007-M2.2x4.6 | 82-T07 |
| **STSCR/L 10CA 11** | ● | ● | 10 | 15 | 11 | 44 | 14 | ≥40 | **TC.T 110204** | - | - | 4008-M2.5x6 | 82-T08 |
| **STSCR/L 12CA 16** | ● | ○ | 12 | 20 | 15 | 47 | 20 | ≥50 | **TC.T 16T308** | - | - | 4015-M3.5x11 | 80-T15 |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

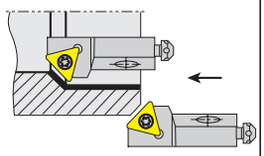
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück STFCR 08CA 09

**KAPR=60°**




**STTCR**

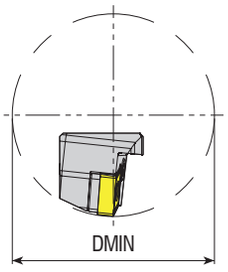


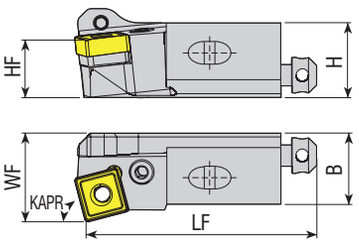
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Sıkma Vidası *Screw* *Klemmschraube* | Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel* |
| | R | L | HF | H | B | LF | WF | DMIN | | | | | |
| **STTCR/L 08CA 09** | ● | ● | 8 | 11 | 8 | 32 | 6 | ≥25 | **TC.T 090204** | - | - | 3007-M2.2x4.6 | 82-T07 |
| **STTCR/L 10CA 11** | ● | ● | 10 | 15 | 11 | 50 | 9 | ≥40 | **TC.T 110204** | - | - | 4008-M2.5x6 | 82-T08 |
| **STTCR/L 12CA 16** | ● | ○ | 12 | 20 | 14.8 | 55 | 20 | ≥50 | **TC.T 16T308** | - | - | 4015-M3.5x9 | 80-T15 |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

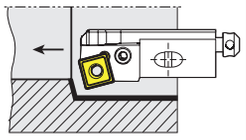
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück STTCR 08CA 09

**KAPR=75°**



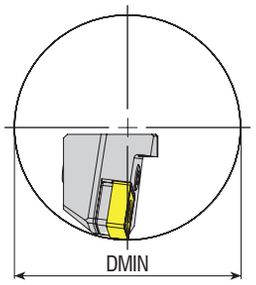



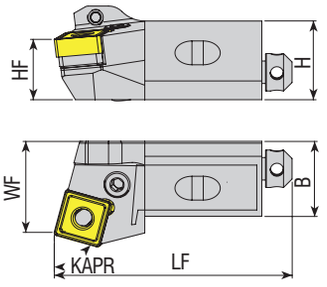

**PSKNR**



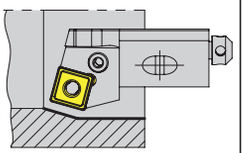
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | Levye *Lever* *Kniehebel* | Levye Vidası *Lever Screw* *Kniehebelschraube* | Altlık *Shim* *Unterlage* | Altlık Yayı *Shim Spring* *Feder für Unterlage* | Anahtar *Allen Key* *Innensechskantschlüssel* |
| | R | L | HF | H | B | LF | WF | DMIN | | | | | | |
| **PSKNR/L 16CA 12** | ● | ● | 16 | 21 | 20 | 63 | 25 | ≥60 | **SNM.120408** | APL-02 | ALV-08-M8x16 | AASN-3-0004 | AAY-02 | AAL-03-3 |
| **PSKNR/L 20CA 15** | ● | ● | 20 | 30 | 20 | 70 | 25 | - | **SNM. 1506..** | APL-04 | ALV-04-M8x22 | AASN-3-0023 | AAY-03 | |

**KAPR=75°**




**PSRNR**

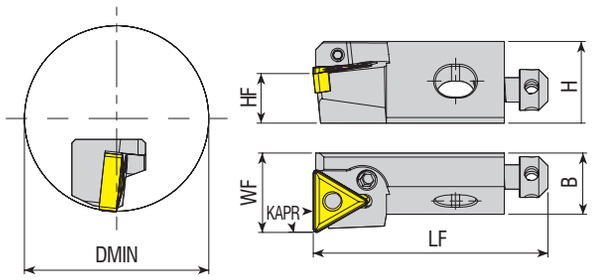


| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | Levye *Lever* *Kniehebel* | Levye Vidası *Lever Screw* *Kniehebelschraube* | Altlık *Shim* *Unterlage* | Altlık Yayı *Shim Spring* *Feder für Unterlage* | Anahtar *Allen Key* *Innensechskantschlüssel* |
| | R | L | HF | H | B | LF | WF | DMIN | | | | | | |
| **PSRNR/L 16CA 12** | ○ | ● | 16 | 21 | 20 | 63 | 25 | ≥60 | **SNM.120408** | APL-02 | ALV-03-M8x19 | AASN-3-0004 | AAY-02 | AAL-03-3 |

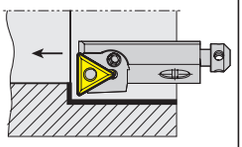
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

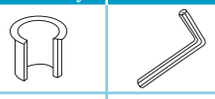
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück PSKNR 16CA 12

**KAPR=90°**

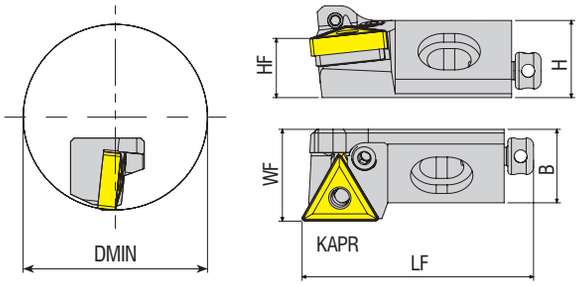



**PTFNR**

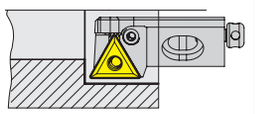


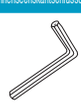
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | Levye *Lever* *Kniehebel* | Levye Vidası *Lever Screw* *Kniehebelschraube* | Altlık *Shim* *Unterlage* | Altlık Yayı *Shim Spring* *Feder für Unterlage* | Anahtar *Allen Key* *Innensechskantschlüssel* |
| | R | L | HF | H | B | LF | WF | DMIN | | | | |  | |
| **PTFNR/L 12CA 16** | ● | ● | 12 | 20 | 15 | 47 | 20 | ≥50 | **TNM.160408** | APL-08 | ALV-07-M6x13 | - | AAY-07 | AAL-02-2.5 |
| **PTFNR/L 16CA 16** | ● | ○ | 16 | 21 | 20 | 63 | 25 | ≥60 | | APL-01 | ALV-01-M6x14 | AATN-3-0025 | AAY-01 | |
| **PTFNR/L 16CA 22** | ○ | ● | 16 | 21 | 20 | 63 | 25 | ≥60 | **TNMG 2204.** | APL-02 | ALV-03-M8X19 | AATN-3-0015 | AAY-02 | AAL-03-3 |
| **PTFNR/L 20CA 22** | ● | ○ | 20 | 30 | 20 | 63 | 25 | ≥70 | | | | | | |

**KAPR=90°**




**PTGNR**

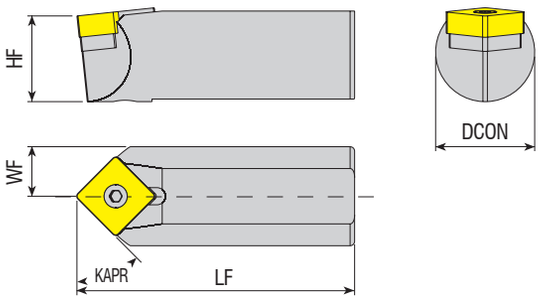


| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | Levye *Lever* *Kniehebel* | Levye Vidası *Lever Screw* *Kniehebelschraube* | Altlık *Shim* *Unterlage* | Altlık Yayı *Shim Spring* *Feder für Unterlage* | Anahtar *Allen Key* *Innensechskantschlüssel* |
| | R | L | HF | H | B | LF | WF | DMIN | | | |  |  | |
| **PTGNR/L 16CA 22** | ● | ● | 16 | 21 | 20 | 63 | 25 | 60 | **TNMG 2204..** | APL-02 | ALV-03-M8X19 | AATN-3-0015 | AAY-02 | AAL-03-3 |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück PTFNR 12CA 16

**KAPR=45°**



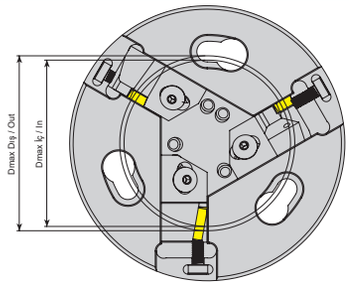
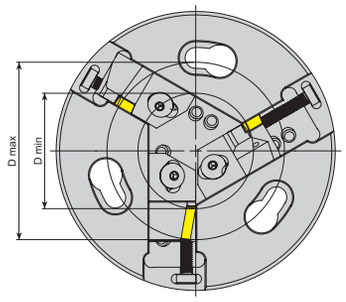
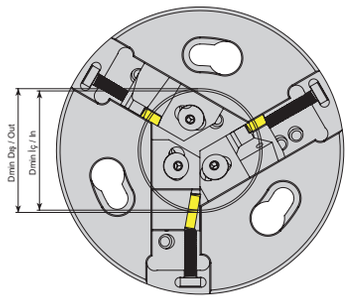

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DCON | HF | LF | WF | | Altlık *Shim* *Unterlage* | Sıkma Vidası *Screw* *Klemmschraube* | Baskı Parçası *Wedge Clamp* *Spannpratze* | Baskı Vidası *Clamp Screw* *Klemmschraube* | Anahtar *Allen Key* *Innensechskantschlüssel* |
| **S22D PSDNN 12C** | ● | 22 | 17.5 | 65 | 11 | **SN.. 1204..** | AASN-20020 | AEV-01-M6x16 | ACK-05 | 4015-M4x11 | AAL-02-2.5 |

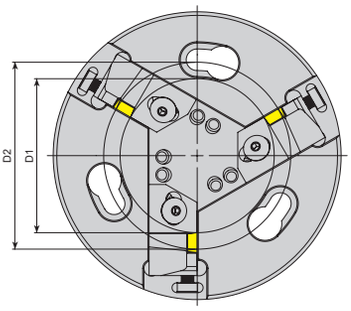
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./*stück* S22D PSDNN 12C

## KARTUŞLARIN YEDEK PARÇALARI
*SPARE PARTS OF CARTRIDGE*
*ERSATZTEILE FÜR KURZDREHHALTER*

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | |
|---|---|---|---|---|---|---|
| | | Eksenel Ayar Vida *Axial Adj. Screw* *Axial-Einstellschraube* | Radyal Ayar Vida *Radial Adj. Screw* *Radial-Einstellschraube* | Radyal Ayar Vida Anahtarı *Radial Adj. Screw Allen Key* *Innensechskantschlüssel für Radial-Einstellschraube* | Montaj Vida *Mounting Screw* *Befestigungsschraube* | Montaj Vida Anahtarı *Mounting Screw Allen Key* *Innensechskantschlüssel für Befestigungsschraube* |
| **SCFCR/L** | 06CA 06 | 2600-M4x9.5 | 2715-M3x5 | AAL-09-1.5 | AKV-23-M4x10 | 82-T15 |
| **SCSCR/L** | 08CA 06 | 2600-M4x9.5 | 2715-M3x5 | AAL-09-1.5 | AKV-23-M4x10 | 82-T15 |
| **SSKCR/L** | 10CA 09 | 2600-M5x13 | 2702-M4x10 | AAL-01-2 | 2505-M6x16 | AAL-03-3 |
| | 12CA 12 | 2600-M5x13 | 2702-M4x10 | AAL-01-2 | 2505-M6x16 | AAL-03-3 |
| | 16CA 12 | 2600-M6x18 | 2725-M5x12 | AAL-02-2.5 | 2005-M8x25 | AAL-07-5 |
| **STSCR/L** | 08CA 09 | 2600-M4x9.5 | 2715-M3x5 | AAL-09-1.5 | AKV-23-M4x10 | 82-T15 |
| **STTCR/L** | 10CA 11 | 2600-M5x13 | 2702-M4x10 | AAL-01-2 | 2505-M6x16 | AAL-03-3 |
| **STFCR/L** | 12CA 16 | 2600-M5x13 | 2702-M4x10 | AAL-01-2 | 2505-M6x16 | AAL-03-3 |
| | 16CA 16 | 2600-M6x18 | 2725-M5x12 | AAL-02-2.5 | 2005-M8x25 | AAL-07-5 |
| **PTFNR/L** | 12CA 16 | 2600-M5x13 | 2702-M4x4 | AAL-01-2 | 2505-M6x16 | AAL-03-3 |
| **PSKNR/L** | 16CA 16 | 2600-M6x18 | 2725-M5x6 | AAL-02-2.5 | 2005-M8x25 | AAL-07-5 |
| **PSRNR/L** | 16CA 12 | 2600-M6x18 | 2725-M5x6 | AAL-02-2.5 | 2005-M8x25 | AAL-07-5 |

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Ölçü Aralığı (mm) *Boring Range (mm)* *Bohrbereich (mm)* | | | | | Kartuşlar *Cardridge* *Kurzdrehhalter* | Gövde Takım Kodu *Body Tool Code* *Grundkörper-Bezeichnung* | Teknik Çizim *Tecnical Draw* *Technische Zeichnung* |
|---|---|---|---|---|---|---|---|---|---|
| | | D max | | D min | | Max (D dış-D iç) (D out-D in) | | | |
| | | D iç *D in* | D dış *D out* | D iç *D in* | D dış *D out* | | | | |
| **ACPBT-1** | ● | 27-52 | 52 | 18-36 | 36 | 27 | ÖTG-TC16-2DL<br>ÖTG-TC11-4IR<br>ÖTG-TC16-1AR | ÖTG-K-120-20 |  |
| **ACPBT-2** | ● | 27-49 | 52 | 25-36 | 36 | 27 | ÖTG-TC16-2DL<br>ÖTG-TC16-3IR<br>ÖTG-TC16-1AR | | |
| **ACPBT-3** | ● | 48-75 | 75 | 41 | 42 | 27 | ÖTG-TC16-2DL<br>ÖTG-TC11-4IL<br>ÖTG-TC16-1AL | |  |
| **ACPBT-4** | ● | 51-75 | 75 | 51 | 52 | 27 | ÖTG-TC16-2DL<br>ÖTG-TC16-3IL<br>ÖTG-TC16-1AL | | |
| **ACPBT-5** | ● | 22-35 | 35 | 22 | 23 | 27 | ÖTG-TC16-2DR<br>ÖTG-TC16-3IR<br>ÖTG-TC16-1AR | |  |
| **ACPBT-6** | ● | 15-35 | 35 | 15 | 16 | 27 | ÖTG-TC16-2DR<br>ÖTG-TC11-4IR<br>ÖTG-TC16-1AR | | |
| **ACPBT-7** | ● | 49-53 | 75 | 32-36 | 36 | 27 | ÖTG-TC16-2DL<br>ÖTG-TC11-4IR<br>ÖTG-TC16-1AL | | |
| **ACPBT-8** | ● | 49 | 75 | 33-37 | 37 | 27 | ÖTG-TC16-2DL<br>ÖTG-TC16-3IR<br>ÖTG-TC16-1AL | | |

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Ölçü Aralığı (mm) *Boring Range (mm)* *Bohrbereich (mm)* | | | | | Kartuşlar *Cardridge* *Kurzdrehhalter* | Gövde Takım Kodu *Body Tool Code* *Grundkörper-Bezeichnung* | Teknik Çizim *Tecnical Draw* *Technische Zeichnung* |
|---|---|---|---|---|---|---|---|---|---|
| | | D1 | | D2 | | Max (D dış-D iç) (D out-D in) | | | |
| | | D max | D min | D max | D min | | | | |
| **ACPBT-9** | ● | 38 | 24 | 15 | 1 | - | ÖTG-TC16-2DR<br>ÖTG-TC16-2DR<br>ÖTG-TC16-2DR | ÖTG-K-120-20 |  |
| **ACPBT-10** | ● | 78 | 64 | 43 | 29 | - | ÖTG-TC16-2DL<br>ÖTG-TC16-2DL<br>ÖTG-TC16-2DL | | |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

Sipariş Örneği / Ordering Example/ *Bestellbeispiel*
1 ad./pcs./stück ACPBT-1

AKKO®

*konuşulan*
*the spoken kalite...*
*quality...*

# DİŞ AÇMA

**DİŞ AÇMA TAKIMLARI**
*THREADING TOOLHOLDERS*
*GEWINDE DREHHALTER*

| S | E | R | 25 25 | M | 16 | C |
|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4-5 | 6 | 7 | 8 |

## 1 Sıkma Tipi / *Method of Mounting of Insert* *Klemmsystem*

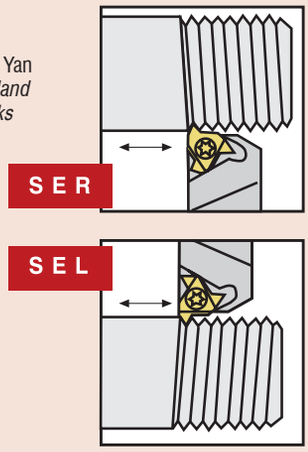
S: Vida Sıkmalı
S: *Screw Clamping* / *S Schrauben-Spannsystem*
T: Vida Sıkmalı Helis Açılı
T: *Screw Clamping with Helix Angle*
*T: Schraubenklemmung für unterschiedliche Einstellwinkel*

## 2 İşlem Tipi / *Application* *Anwendung*

E: Dış / External
*Außen*
I: İç / Internal /
Innen

## 3 Kesme Yönü *Cutting Direction* *Halterausführung*

R: Sağ Yan *Right-Hand* *R: Rechts*
L: Sol Yan *Left-Hand* *L: Links*



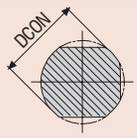

## 4 Takım Malzemesi / Type of Boring / *Art der Bohrstange*

*"A" Yekpare çelik gövde soğutma suyu kanallı / "A" Solid steel with coolant hole*
*"A" Stahlschaft mit Kühlbohrung SEITE 123*
*"E" Çelik başlıkla sert matal gövde ve soğutma suyu kanallı / "E" Carbide bar with fixed steel head and coolant hole*
*'"E" Hartmetallstange mit festem Stahlkopf und Kühlmittelbohrung*
*"C" Karbür Şaft / "C" Carbide shank / "C" Hartmetallschaft*
*"S" Çelik Şaft / "S" Steel shank / "S" Stahlschaft*

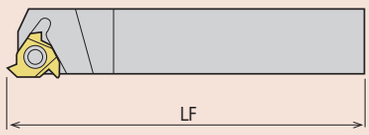
## 4-5 Dış Çap Şaft Ölçüleri / *External Shank Size* *Äußere Schaftgröße*

Şaft / Shank / *Schaftausführung* : hxb
*2525 - 25 x 25 mm*

## 5 Şaft Çapı / *Shank Diameter* *Schaft-Durchmesser*



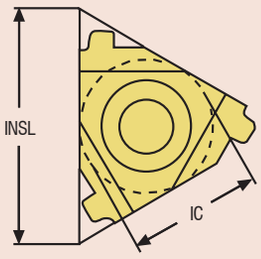

## 6 Şaft Boyu / *Shank Length* / *Schaftlänge*




(mm)

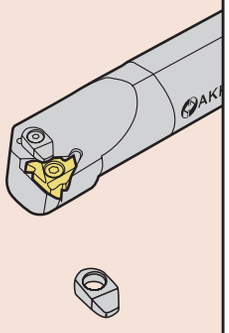
| | | | |
|---|---|---|---|
| A-32 | H-100 | Q-180 | x-special |
| B-40 | J-110 | R-200 | |
| C-50 | K-125 | S-250 | |
| D-60 | L-140 | T-300 | |
| E-70 | M-150 | U-350 | |
| F-80 | N-160 | V-400 | |
| G-90 | P-170 | W-450 | |

## 7 Elmas Ölçüsü / *Insert Size* *Wendeplattengröße*



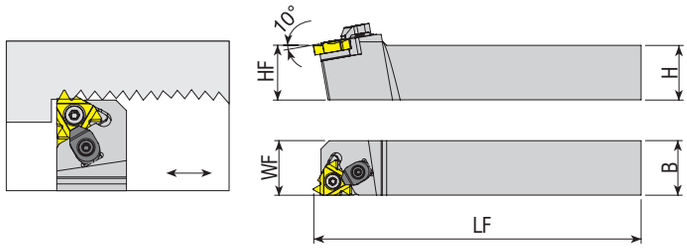

| l (mm) | d |
|---|---|
| 06 | 5/32" |
| 08 | 3/16" |
| 11 | 1/4" |
| 16 | 3/8" |
| 22 | 1/2" |
| 27 | 5/8" |

## 8 Baskı Pabucu *Wedge Clamp* *Spannpratze*



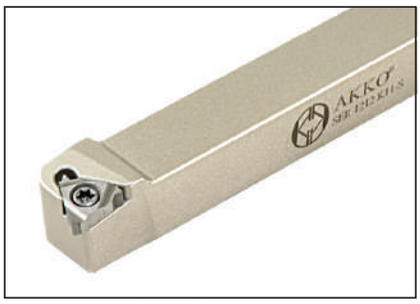
| S | I | R | S | 25 | R | 16 | C |
|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |

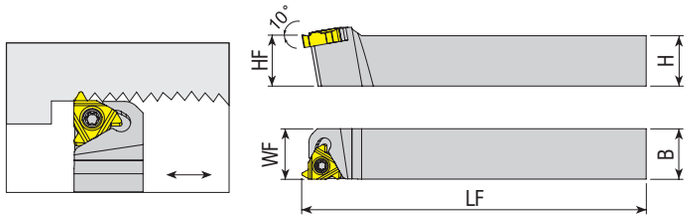
## DIŞ ÇAP DİŞ AÇMA KATERLERİ
## *EXTERNAL THREADING TOOLHOLDERS*
## *AUSSEN-GEWINDEDREHHALTER*




| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* | | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* | | | | Kesici Uç / *Insert* / *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Sıkma Vidası / *Screw* / *Klemmschraube* | Altlık / *Shim* / *Unterlage* | Altlık Vidası / *Shim Screw* / *Schraube für Unterlage* | Baskı Parçası / *Wedge Clamp* / *Spannpratze* | Baskı Vidası / *Clamp Screw* / *Klemmschraube* | Tork Anahtar / *Torx Key* / *Torx Innensechskantschlüssel* |
| | R | L | HF=H | B | LF | WF | | | | | | | |
| **SER/L 0808 E11** | ● | ● | 08 | 08 | 70 | 11 | **11 ER/EL** | 4008-M2.5x6 | - | - | - | - | 82-T08 |
| **SER/L 1010 E11** | ● | ● | 10 | 10 | 70 | 11 | | | | | | | |
| **SER/L 1212 F11** | ● | ● | 12 | 12 | 80 | 12 | | | | | | | |
| **SER/L 1616 H11** | ● | ● | 16 | 16 | 100 | 16 | | | | | | | |
| **SER/L 2020 H11** | ● | ● | 20 | 20 | 100 | 20 | | | | | | | |
| **SER/L 1616 H16C** | ● | ● | 16 | 16 | 100 | 16 | **16 ER/EL (0.35 - 3) ISO METRIC** | 4015-M3.5x14 | AATN-2-0020 | AAV-06-M3.5x11 | ACK-05 | 4015 M4x11 | 80-T15 |
| **SER/L 2020 K16C** | ● | ● | 20 | 20 | 125 | 20 | | | | | | | |
| **SER/L 2525 M16C** | ● | ● | 25 | 25 | 150 | 25 | | | | | | | |
| **SER/L 3232 P16C** | ● | ● | 32 | 32 | 170 | 32 | | | | | | | |
| **SER/L 2525 M22C** | ● | ● | 25 | 25 | 150 | 25 | **22 ER/EL (3.5 - 4.5) ISO METRIC** | 1020-M4.5x16 | AATN-2-0004 | AAV-07-M4.5x13 | | | 80-T20 |
| **SER/L 3232 P22C** | ● | ● | 32 | 32 | 170 | 32 | | | | | | | |
| **SER/L 4040 S22C** | ● | ● | 40 | 40 | 250 | 40 | | | | | | | |
| **SER/L 2525 M16C-T** | ● | ● | 25 | 25 | 150 | 25 | **16 ER/L (1.5-3 TR)** | 4015-M3.5x14 | - | - | | | 80-T15 |
| **SER/L 2525 M22C-T** | ● | ● | 25 | 25 | 150 | 25 | **22 ER/L (4-6 TR)** | 1020-M4.5x16 | - | - | | | 80-T20 |
| **SER/L 2020 K16C-S** | ● | ● | 20 | 20 | 125 | 25 | **SNDVK 166 ER/L16** | 4015-M3.5x14 | AATN-2-0020 | AAV-06-M3.5x11 | | | 80-T15 |
| **SER/L 2525 M16C-S** | ● | ● | 25 | 25 | 150 | 31 | | | | | | | |
| **SER/L 3232 P16C-S** | ● | ● | 32 | 32 | 170 | 38.5 | | | | | | | |

## DIŞ ÇAP DİŞ AÇMA İSVİÇRE TİPİ KAYAR OTOMAT MAKİNA KATERLERİ
## *EXTERNAL THREADING TOOLHOLDERS FOR SWISS TYPE SLIDING AUTOMATIC LATHES*
## *AUSSEN-GEWINDEDREHHALTER FÜR LANGDREHAUTOMATEN*



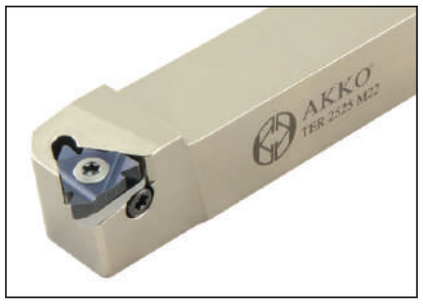


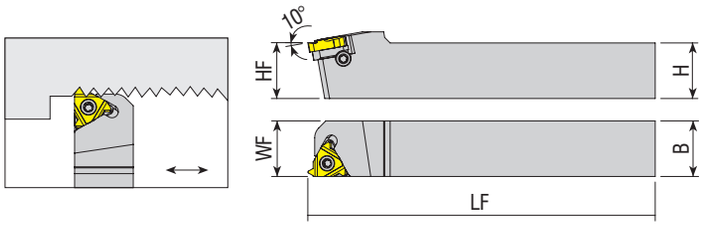

| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* | | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* | | | | Kesici Uç / *Insert* / *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Sıkma Vidası / *Screw* / *Klemmschraube* | Altlık / *Shim* / *Unterlage* | Altlık Vidası / *Shim Screw* / *Schraube für Unterlage* | Baskı Parçası / *Wedge Clamp* / *Spannpratze* | Baskı Vidası / *Clamp Screw* / *Klemmschraube* | Tork Anahtar / *Torx Key* / *Torx Innensechskantschlüssel* |
| | R | L | HF=H | B | LF | WF | | | | | | | |
| **SER/L 1010 K11-S** | ● | ● | 10 | 10 | 125 | 10 | **11 ER/EL** | 4008-M2.5x6 | - | - | - | - | 82-T08 |
| **SER/L 1212 K11-S** | ● | ● | 12 | 12 | 125 | 12 | | | | | | | |
| **SER/L 1212 K16-S** | ● | ● | 12 | 12 | 125 | 12 | **16 ER 3.5 (0.35 - 3)** | 4015-M3.5X14 | AATN-2-0020 | AAV-08-M3.5X8 | | | 80-T15 |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links* ● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
Takımlar standart 1.5° helis açılı olarak üretilir. / *The tools have a built in 1.5° helix angle.* / *GEWINDE-DREHHALTER werden mit Einstellwinkel 1.5° hergestellt*

**UYARI** / ***WARNING*** / ***ACHTUNG*** Sayfa 114'deki B ve D figürleri uygulanamaz. / *The operation for B and D on page 114 can not be applied.* / *114: für Abbildung B und D: nicht verwenden*

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück SER 0808 E11



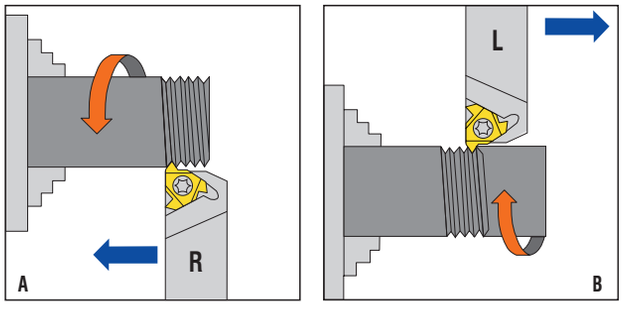

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Sıkma Vidası *Screw* *Klemmschraube* | Sağ Altlık *Right Shim* *U-Platte für WSP rechts* | Sol Altlık *Left Shim* *U-Platte für WSP links* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Altlık Vidası Pulu *Shim Screw Ring* *Schraube für Unterlagenring* | Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel* |
| | R | L | HF=H | B | LF | WF | | | | | | | |
| **TER/L 1616 H16** | ● | ● | 16 | 16 | 100 | 16 | **16 ER/EL** | 1710-U5-40x12.2 | ATS-16E | ATS-16I | AAV-11-U5-40x4.5 | ABPL-03 | 82-T10 |
| **TER/L 2020 K16** | ● | ● | 20 | 20 | 125 | 20 | | | | | | | |
| **TER/L 2525 M16** | ● | ● | 25 | 25 | 150 | 25 | | | | | | | |
| **TER/L 3232 P16** | ● | ● | 32 | 32 | 170 | 32 | | | | | | | |
| **TER/L 2525 M22** | ● | ● | 25 | 25 | 150 | 25 | | | | | | | |
| **TER/L 3232 P22** | ● | ● | 32 | 32 | 170 | 32 | **22 ER/EL** | 1720-U8-32x15 | ATS-22E | ATS-22I | AAV-12-U8-32x5.5 | ABPL-04 | 80-T20 |
| **TER/L 4040 S22** | ● | ● | 40 | 40 | 250 | 40 | | | | | | | |
| **TER/L 2525 M27** | ● | ● | 25 | 25 | 150 | 25 | | | | | | | |
| **TER/L 3232 P27** | ● | ● | 32 | 32 | 170 | 32 | **27 ER/EL** | 1620-M5x22 | ATS-27E | ATS-27I | AAV-15-M5x5.7 | ABPL-05 | 80-T20 |
| **TER/L 4040 S27** | ● | ● | 40 | 40 | 250 | 40 | | | | | | | |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links* ● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

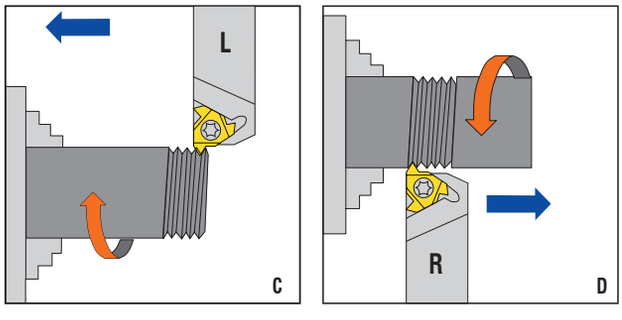
Takımlar standart 1.5° helis açılı olarak üretilir. / *The tools have a built in 1.5° helix angle.* / *GEWINDE-DREHHALTER werden mit Einstellwinkel 1.5° hergestellt*

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück TER 1616 H16

## DIŞ ÇAP SAĞ YÖNDE VİDA AÇMA
## *EXTERNAL RIGHT HAND THREADING OPERATION*
## *HERSTELLUNG VON AUßEN-RECHTSGEWINDE*



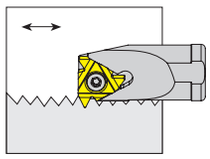

## DIŞ ÇAP SOL YÖNDE VİDA AÇMA
## *EXTERNAL LEFT HAND THREADING OPERATION*
## *HERSTELLUNG VON AUßEN-LINKSGEWINDE*

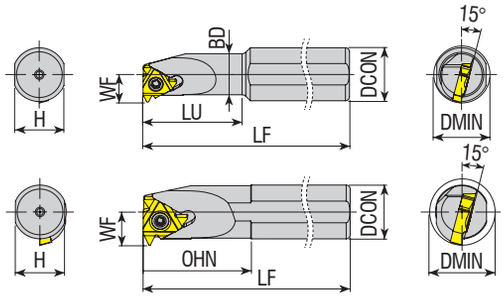



**UYARI** / ***WARNING*** / ***ACHTUNG***

Figür B ve D için; negatif açılı altlık kullanılmalıdır. / *For figure B and D; negative shim must be used.* / *Für Abbildung B und D; negative Unterlage verwenden.*

Altlıksız katerlerde B ve D figürü uygulanamaz. / *B and D figures can not be applied on tools without shim.* / *Für Abbildung B und D; kann nicht mit Werkzeugen ohne Unterlegplatte erfolgen.*

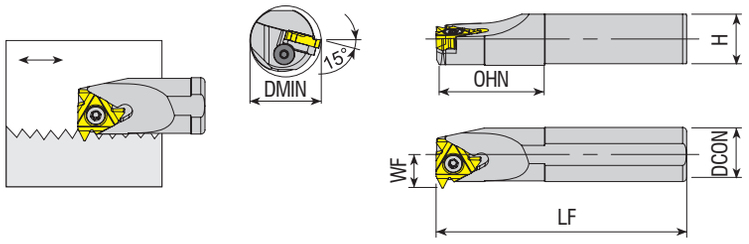





| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Baskı Parçası *Wedge Clamp* *Spannpratze* | Baskı Vidası *Clamp Screw* *Klemmschraube* | Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel* |
| | R | L | DCON | BD | LF | LU=OHN | WF | DMIN | | | | | | |
| **SIR/L S12X05H 06** | ● | ○ | 12 | 05 | 100 | 15 | 4.3 | 6.4 | **06 IR/L** | 3006-M2X3.6 | - | - | - | - | 82-T06 |
| **SIR/L S16X05H 06** | ○ | ● | 16 | 05 | 100 | 15 | 4.3 | 6.4 | | | | | | | |
| **SIR/L S16X07M 08** | ● | ● | 16 | 07 | 150 | 18 | 5.3 | 7.8 | **08 IR/L** | 3007-M2.2x4.6 | - | - | - | - | 82-T07 |
| **SIR/L S10H 11** | ● | ● | 10 | 10 | 100 | - | 7.4 | 12 | **11 IR/L** | 4008-M2.5x6 | - | - | - | - | 82-T08 |
| **SIR/L A10H 11** | ● | ○ | 10 | 10 | 100 | - | 7.4 | 12 | | | | | | | |
| **SIR/L S12K 11** | ● | ● | 12 | 12 | 125 | - | 8.4 | 15 | | | | | | | |
| **SIR/L A12K 11** | ● | ○ | 12 | 12 | 125 | - | 8.4 | 15 | | | | | | | |
| **SIR/L S16X10M 11** | ● | ● | 16 | 10 | 150 | 25 | 7.4 | 12 | | | | | | | |
| **SIR/L S16X13M 11** | ● | ● | 16 | 13 | 150 | 32 | 8.9 | 15 | | | | | | | |
| **SIR/L S16M 11** | ● | ● | 16 | 16 | 150 | - | 11.7 | 19 | | | | | | | |
| **SIR/L A16X13M 16** | ● | ● | 16 | 12.8 | 150 | 32 | 10.2 | 16 | **16 IR/L (0.35 - 3) ISO METRIC** | 4015-M3.5x9 | - | - | - | - | 80-T15 |
| **SIR/L S16X13M 16** | ● | ● | 16 | 13 | 150 | 32 | 10.2 | 16 | | | | | | | |
| **SIR/L S16M 16** | ● | ● | 16 | 16 | 150 | - | 11.7 | 19 | | 4015-M3.5x11 | | | | | |
| **SIR/L S20X16P 16** | ● | ● | 20 | 16 | 170 | 40 | 11.7 | 19 | | 4015-M3.5x14 | AATN-2-0020 | AAV-08-M3.5x8<br>AAV-06-M3.5x11 | ACK-05 | 4015-M4x11 | |
| **SIR/L A20X16P 16** | ● | ● | 20 | 16 | 170 | 40 | 11.7 | 19 | | | | | | | |
| **SIR/L S20P 16** | ● | ● | 20 | 20 | 170 | - | 13.7 | 24 | | | | | - | - | |
| **SIR/L S25R 16C** | ● | ● | 25 | 25 | 200 | - | 16.2 | 29 | | | | | | | |
| **SIR/L S32S 16C** | ● | ● | 32 | 32 | 250 | - | 19.7 | 36 | | | | | | | |
| **SIR/L S40T 16C** | ● | ● | 40 | 40 | 300 | - | 23.7 | 44 | | | | | | | |
| **SIR/L S50U 16C** | ● | ● | 50 | 50 | 350 | - | 28.7 | 54 | | 4020-M4.5x12 | - | | | | |
| **SIR/L S20P 22** | ● | ● | 20 | 20 | 170 | - | 15.7 | 24 | **22 IR/L (3.5 - 4.5) ISO METRIC** | 1020-M4.5x16 | AATN-2-0004 | -<br>AAV-10-M4.5x8<br>AAV-07-M4.5x13 | ACK-05 | 4015-M4x11 | 80-T20 |
| **SIR/L S25R 22C** | ● | ● | 25 | 25 | 200 | - | 18.1 | 30 | | | | | | | |
| **SIR/L S32S 22C** | ● | ● | 32 | 32 | 250 | - | 21.6 | 38 | | | | | | | 80-T15 |
| **SIR/L S40T 22C** | ● | ● | 40 | 40 | 300 | - | 25.6 | 46 | | | | | | | |
| **SIR/L S50U 22C** | ● | ● | 50 | 50 | 350 | - | 30.6 | 58 | | | | | | | |
| **SIR/L S25R 16C-T** | ● | ● | 25 | 25 | 200 | - | 16.2 | 29 | **16 IR/L (1.5-3 TR)** | 4015-M3.5x14 | - | - | ACK-05 | | |
| **SIR/L S32S 16C-T** | ● | ● | 32 | 32 | 250 | - | 19.7 | 36 | | | | | | | |
| **SIR/L S25R 22C-T** | ● | ● | 25 | 25 | 200 | - | 18.1 | 30 | **22 IR/L (4-6 TR)** | 4015-M4x11 | - | - | | | 80-T20 |
| **SIR/L S32S 22C-T** | ● | ● | 32 | 32 | 250 | - | 21.6 | 38 | | | | | | | |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links* ● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Нет в наличии*
Takımlar standart 1.5° helis açılı olarak üretilir. / *The tools have a built in 1.5° helix angle.* / *GEWINDE-DREHHALTER werden mit Einstellwinkel 1.5° hergestellt*
**UYARI** / ***WARNING*** / ***ACHTUNG*** Sayfa 114'deki B ve D figürleri uygulanamaz. / *The operation for B and D on page 114 can not be applied.* / *114: für Abbildung B und D: nicht verwenden*

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück SIR S12X05H 06

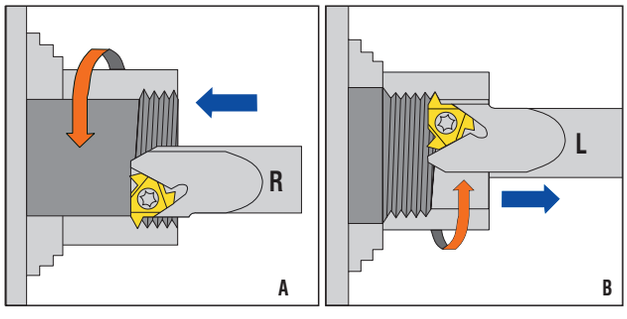



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | Sıkma Vidası *Screw* *Klemmschraube* | Sol Altlık *Left Shim* *U-Platte für WSP links* | Sağ Altlık *Right Shim* *U-Platte für WSP rechts* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Altlık Vidası Pulu *Shim Screw Ring* *Schraube für Unterlagenring* | Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel* |
| | R | L | DCON | H | LF | OHN | WF | DMIN | | | | | | | |
| **TIR/L S25R 16** | ● | ● | 25 | 23 | 200 | - | 16.2 | 29 | **16 IR/L** | 1710-U5-40x12.2 | ATS-16E | ATS-16I | AAV-11-U5-40x4.5 | ABPL-03 | 82-T10 |
| **TIR/L S32S 16** | ● | ● | 32 | 30 | 250 | - | 19.7 | 36 | | | | | | | |
| **TIR/L S40T 16** | ● | ● | 40 | 37.5 | 300 | - | 23.7 | 44 | | | | | | | |
| **TIR/L S50U 16** | ● | ● | 50 | 47 | 350 | - | 28.7 | 54 | | | | | | | |
| **TIR/L S25R 22** | ● | ● | 25 | 23 | 200 | - | 18.1 | 29 | **22 IR/L** | 1720-U8-32x15 | ATS-22E | ATS-22I | AAV-12-U8-32x5.5 | ABPL-04 | 80-T20 |
| **TIR/L S32S 22** | ● | ● | 32 | 30 | 250 | - | 21.6 | 38 | | | | | | | |
| **TIR/L S40T 22** | ● | ● | 40 | 37.5 | 300 | - | 25.6 | 46 | | | | | | | |
| **TIR/L S50U 22** | ● | ● | 50 | 47 | 350 | - | 30.6 | 58 | | | | | | | |
| **TIR/L S32S 27** | ● | ● | 32 | 30 | 250 | - | 22.6 | 40 | **27 IR/L** | 1620-M5x18 | ATS-27E | ATS-27I | AAV-15-M5x5.7 | ABPL-05 | 80-T20 |
| **TIR/L S40T 27** | ● | ● | 40 | 37.5 | 300 | - | 26.6 | 48 | | 1620-M5x22 | | | | | |
| **TIR/L S50U 27** | ● | ● | 50 | 47 | 350 | - | 31.6 | 58 | | | | | | | |
| **TIR/L A20P 16** | ● | ○ | 20 | 18 | 170 | 40 | 13.7 | 24 | **16 IR/L** | 1710-U5-40x12.2 | ATS-16E | ATS-16I | AAV-11-U5-40x4.5 | ABPL-03 | 82-T10 |
| **TIR/L A25R 16** | ○ | ● | 25 | 23 | 200 | 50 | 16.2 | 29 | | | | | | | |
| **TIR/L A32S 16** | ○ | ● | 32 | 30 | 250 | 60 | 19.7 | 36 | | | | | | | |
| **TIR/L A40T 16** | ○ | ● | 40 | 37.5 | 300 | 65 | 23.9 | 44 | | | | | | | |

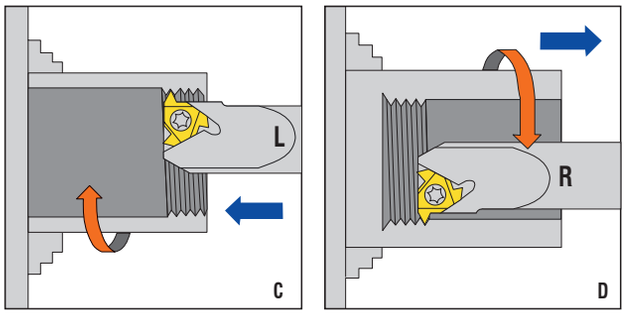
R: Sağ / Right / *Rechts* L: Sol / Left / *Links* ● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
Takımlar standart 1.5° helis açılı olarak üretilir. / *The tools have a built in 1.5° helix angle.* / *GEWINDE-DREHHALTER werden mit Einstellwinkel 1.5° hergestellt*

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück TIR S25R 16

## DELİK İÇİ SAĞ YÖNDE VİDA AÇMA
## *INTERNAL RIGHT HAND THREADING OPERATION*
## *HERSTELLUNG VON INNEN -RECHTSGEWINDE*



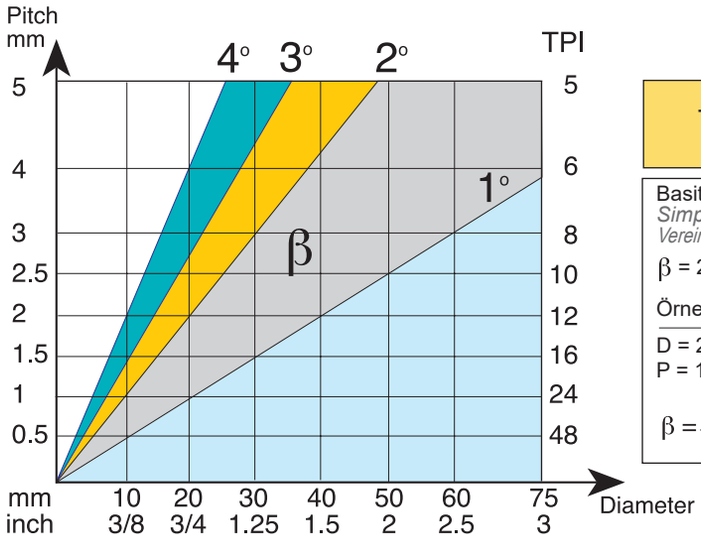

## DELİK İÇİ SOL YÖNDE VİDA AÇMA
## *INTERNAL LEFT HAND THREADING OPERATION*
## *HERSTELLUNG VON INNEN -LINKSGEWINDE*




**UYARI / *WARNING* / *ACHTUNG***

Figür B ve D için; negatif açılı altlık kullanılmalıdır. / *For figure B and D; negative shim must be used.* / *Für Abbildung B und D; negative Unterlage verwenden.*
Altlıksız katerlerde B ve D figürü uygulanamaz. / *B and D figures can not be applied on tools without shim.* / *Für Abbildung B und D; kann nicht mit Werkzeugen ohne Unterlegplatte erfolgen.*

# Diş Helis Açısı
## *Thread Helix Angle*
## *Steigungswinkel*




$$\tan\beta = \frac{P}{\pi \times D}$$

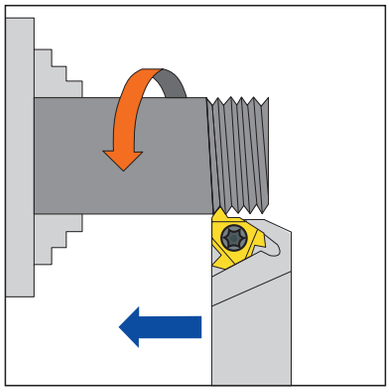
Basitleştirilmiş formül
*Simplified formula*
*Vereinfachte Formel*

$\beta = 20\ P/D$

Örnek / *Example* / *Beispiel* :

D = 25 mm (0.98")
P = 1.5 mm (16 TPI)

$$\beta = \frac{20 \times 1.5}{25} = 1.2°$$

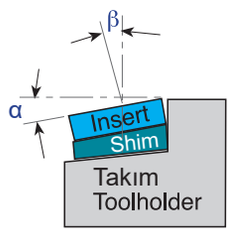


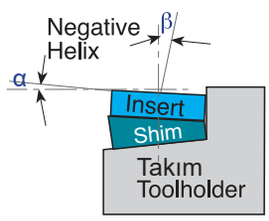
# Standart ve Eğik Altlıklar
## *Standard and Slanted Shim*
## *Standard und Schräge Unterlegplatte*

Akko diş açma takımlarının, uç yuvaları 1.5° helis açılı olarak üretilir. Farklı helis açılı diş açmak isteyenler altlığı değiştirerek istedikleri dereceyi elde edebilirler.
Negatif helis genellikle sol katerde sağ diş çekmek için kullanılır ya da sağ katerde sol diş çekmek için kullanılır.

*Akko Toolholders Pockets have a built in 1.5° helix angle. This angle may be adjusted to better match the thread helix angle by simply changing the shim.*
*Negative helix is usually used when threading RH thread with LH Holder or LH thread with RH Holder.*

*Die Akko-Gewindedrehhalter werden mit 1,5°-Steigungswinkel produziert. Durch Wechseln der Unterlage kann dieser Winkel dem optimalen Steigungswinkel angepasst werden. Die Unterlagen mit negativem Winkel werden eingesetzt, wenn ein Rechtsgewinde mit einem linken Halter oder ein Linksgewinde mit einem rechten Halter gefertigt werden soll.*



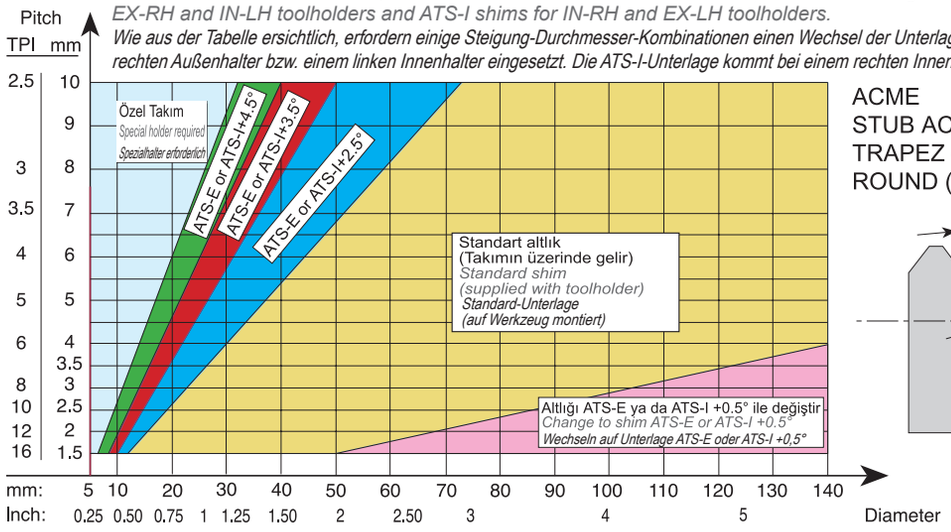

| L | IC | Takım Tipi *Tool Type* *Werkzeugtyp* | Uç Yuvasının Açısı (α) / *Pocket's Angle (α)* / *Winkel Wendeplattensitz (α)* | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | 4.5° | 3.5° | 2.5° | 1.5° | 0.5° | -0.5° | -1.5° |
| 16 | 3/8 | EX-RH or IN-LH | ATS-16E+4.5 | ATS-16E+3.5 | ATS-16E+2.5 | ATS-16E | ATS-16E+0.5 | ATS-16E-0.5 | ATS-16E-1.5 |
| 16 | 3/8 | EX-LH or IN-RH | ATS-16I+4.5 | ATS-16I+3.5 | ATS-16I+2.5 | ATS-16I | ATS-16I+0.5 | ATS-16I-0.5 | ATS-16I-1.5 |
| 22 | 1/2 | EX-RH or IN-LH | ATS-22E+4.5 | ATS-22E+3.5 | ATS-22E+2.5 | ATS-22E | ATS-22E+0.5 | ATS-22E-0.5 | ATS-22E-1.5 |
| 22 | 1/2 | EX-LH or IN-RH | ATS-22I+4.5 | ATS-22I+3.5 | ATS-22I+2.5 | ATS-22I | ATS-22I+0.5 | ATS-22I-0.5 | ATS-22I-1.5 |
| 27 | 5/8 | EX-RH or IN-LH | ATS-27E+4.5 | ATS-27E+3.5 | ATS-27E+2.5 | ATS-27E | ATS-27E+0.5 | ATS-27E-0.5 | ATS-27E-1.5 |
| 27 | 5/8 | EX-LH or IN-RH | ATS-27I+4.5 | ATS-27I+3.5 | ATS-27I+2.5 | ATS-27I | ATS-27I+0.5 | ATS-27I-0.5 | ATS-27I-1.5 |

# Altlık Değiştirme Öneri Tablosu / Shim Change Recommendation
## Empfehlungen zum Wechseln der Unterlage

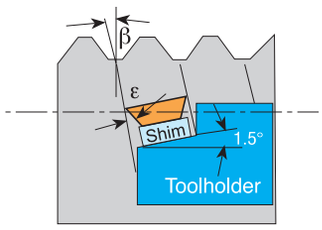
Tabloda da görüldüğü gibi bazı diş hatvelerinin çaplara göre kombinasyonları altlık değişimini gerektirir. Eğer değişim gerekli ise EX-RH ve IN-LH katerleri için ATS-E altlıklarını, IN-RH ve EX-LH katerleri için ATS-I altlıklarını kullanın.

*As can be seen from the chart, some Pitch to Diameter combinations require a shim change. If change is required, use ATS-E shim for EX-RH and IN-LH toolholders and ATS-I shims for IN-RH and EX-LH toolholders.*

*Wie aus der Tabelle ersichtlich, erfordern einige Steigung-Durchmesser-Kombinationen einen Wechsel der Unterlage. In diesem Fall wird eine ATS-E-Unterlage auf einem rechten Außenhalter bzw. einem linken Innenhalter eingesetzt. Die ATS-I-Unterlage kommt bei einem rechten Innenhalter bzw. einem linken Außenhalter zum Einsatz.*



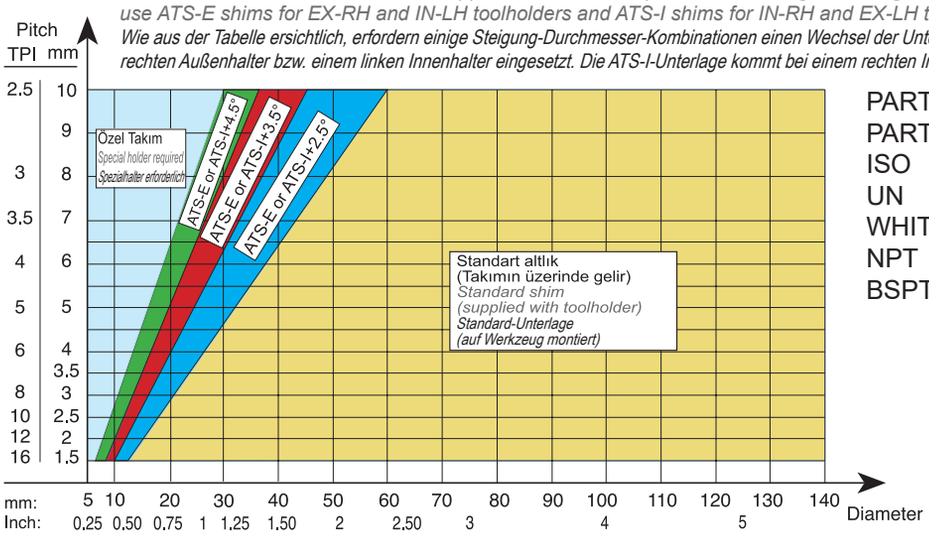

ACME
STUB ACME
TRAPEZ (DIN 103)
ROUND (DIN 405)




Tabloda da görüldüğü gibi çoğu ugulamalar altlık değişimine ihtiyaç duymaz. Eğer değişime ihtiyaç duyulursa EX-RH ve IN-LH katerleri için ATS-E altlıklarını, IN-RH ve EX-RH katerleri için ATS-I altlıklarını kullanın.

*As can be seen from the chart, most applications do not require a shim change. If change is required, use ATS-E shims for EX-RH and IN-LH toolholders and ATS-I shims for IN-RH and EX-LH toolholders.*

*Wie aus der Tabelle ersichtlich, erfordern einige Steigung-Durchmesser-Kombinationen einen Wechsel der Unterlage. In diesem Fall wird eine ATS-E-Unterlage auf einem rechten Außenhalter bzw. einem linken Innenhalter eingesetzt. Die ATS-I-Unterlage kommt bei einem rechten Innenhalter bzw. einem linken Außenhalter zum Einsatz.*

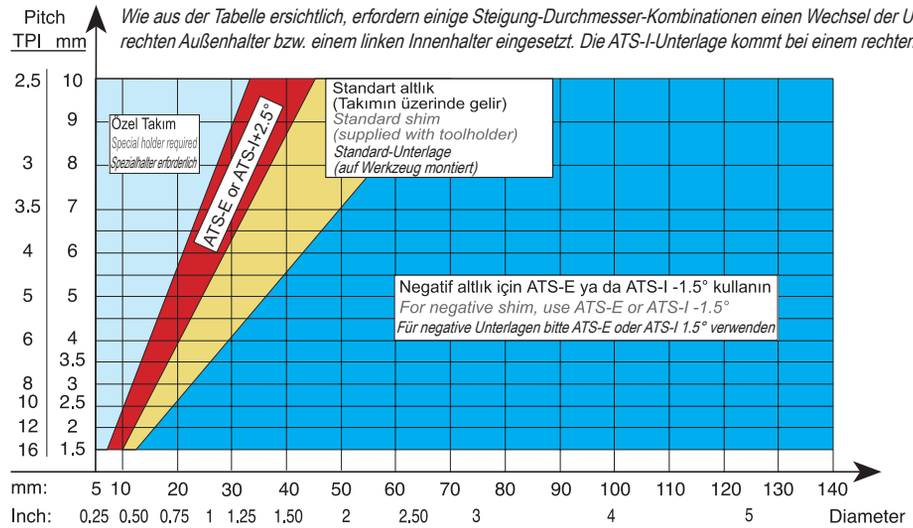



PARTIAL PROFILES 60°
PARTIAL PROFILES 55°
ISO
UN
WHIT.
NPT
BSPT

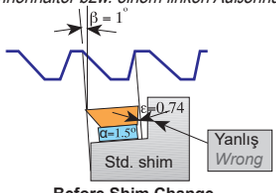
Tabloda da görüldüğü gibi çoğu ugulamalar altlık değişimine ihtiyaç duyar. Çoğu durumda negatif bir altlığa ihtiyaç duyulur. EX-RH ve IN-LH takımlar için ATS-E altlıklarını kullanın. IN-RH ve EX-LH takımlar için ATS-I altlıkları kullanın.

*As can be seen from the chart, most applications require a shim change. In most cases a negative shim is required, use ATS-E shims for EX-RH and IN-LH toolholders. ATS-I shims for IN-RH and EX-LH toolholders.*

*Wie aus der Tabelle ersichtlich, erfordern einige Steigung-Durchmesser-Kombinationen einen Wechsel der Unterlage. In diesem Fall wird eine ATS-E-Unterlage auf einem rechten Außenhalter bzw. einem linken Innenhalter eingesetzt. Die ATS-I-Unterlage kommt bei einem rechten Innenhalter bzw. einem linken Außenhalter zum Einsatz.*

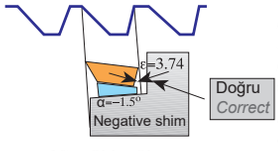



AMERICAN BUTTRESS SAGENGEWINDE (DIN 513)




**Before Shim Change**
**Altlığı Değiştirmeden Önce**
До смены опорной пластины

Standart altlığın negatif bir altlıkla değiştirlmesi, kenar sürtmesini engeleyecektir.




**After Shim Change**
**Altlığı Değiştirdikten Sonra**
Nach dem Wechsel der Unterlegplatte

*Replacing the standard shim with a shim has negative angle, will elimimate side rubbing*

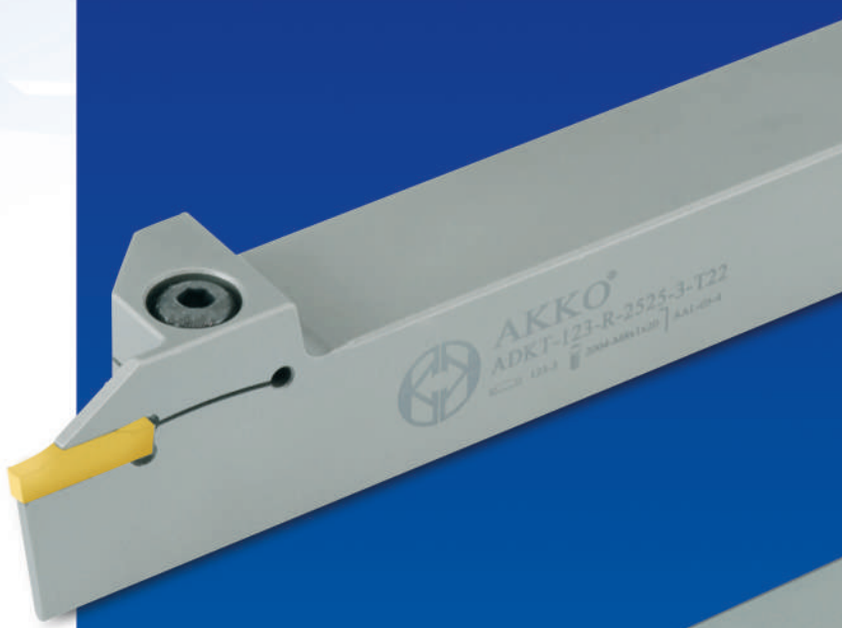
*Das Ersetzen der Standard-Unterlegplatte durch eine Unterlegplatte mit negativem Winkel verhindert seitliche Reibung.*

AKKO®

*konuşulan*
*the spoken* kalite...
*quality...*

# KANAL AÇMA

**KANAL AÇMA TAKIMLARI**
*GROOVING TOOLHOLDERS*
*STECHHALTER*



# AKKO A AKT - K - R - 2525
# 100 - 150 - 4 - T22

1 2 3 4 5 6 7 8

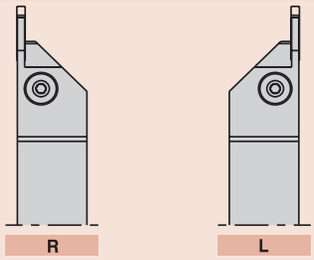
## 2 Kesici Stili / *Cutter Style* / *Cutter-Stil*

DKT: Dış Çap Kanal Açma Takımı / *External Grooving Toolholders*
*Außen-Stechhalter*
IKT: Delik İçi Kanal Açma Takımı / *Internal Grooving Toolholders*
*Innen-Stechhalter*
AKT: Dış Çap Alın Kanal Takımları / *Face Grooving Toolholders*
*Axial-Stechhalter*
LKT: L Tip Alın Kanal Açma Takımı / *L Type Face Grooving Toolholders*
*Axial-Stechhalter L-Type*

## 3 Uç Tipi / *Insert Type* / *Plattenform*

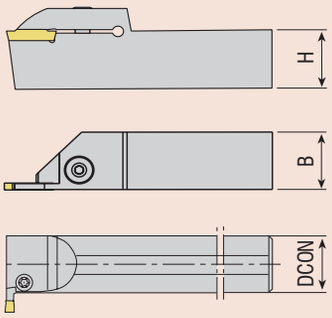
KRLY / *MGM.*
HRN / *S312, S229, S224, S223*
ISCR / *DGN, GI, GTN*
SNDVK / *123, 151, 154.91*
ZCC
KM / *A4.*
ARN / *LOMR.*
TGTC / TD.

## 4 Kesme Yönü / *Cutting Direction* *Halterausführung*

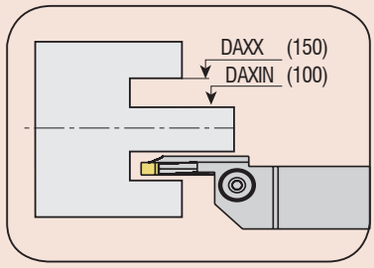



Lütfen AAKT-ADKT ürünleri için kesme yönünün gösterilenin tersi olduğunu unutmayın.
*Please be informed that for AAKT-ADKT products cutting direction is vice versa what is shown.*
*Bitte beachten Sie, dass die Schnittrichtung für AAKT-ADKT Produkte umgekehrt zur Darstellung ist.*

## 5 Kesme Kenar Yüksekliği ve Şaft Genişliği *Cutting Edge Height and Shank Width* *Schafthöhe und Schaftbreite*

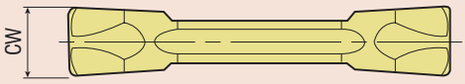



## 6 Kesme Aralığı *Cutting Diametter* *Durchmesser für Axialeinstechen*

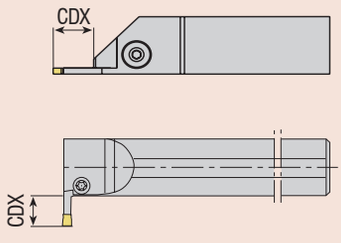


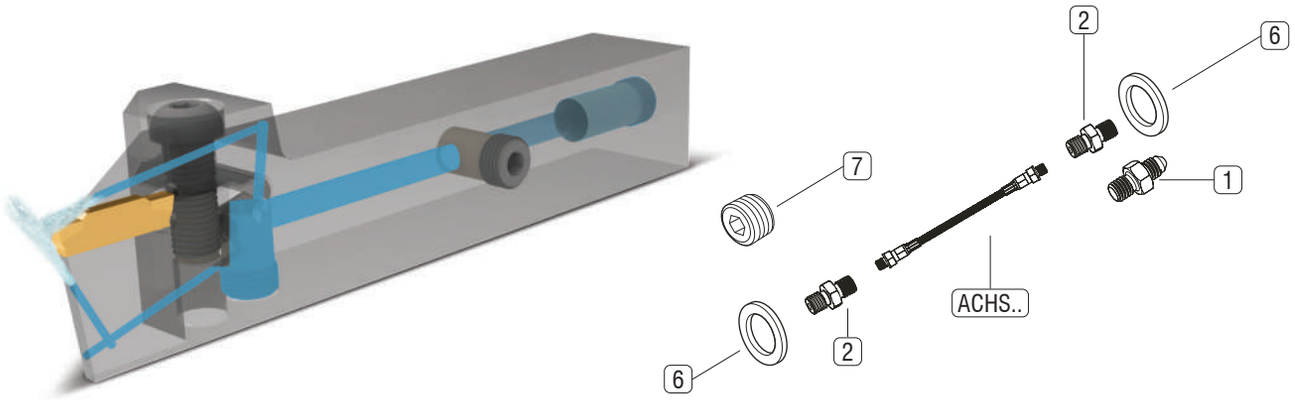

## 7 Kesme Kenar Genişliği / *Cutting Width Edge* *Plattenbreite*

ÖR/E.G :
2 = 2.0 mm
3 = 3.0 mm
4 = 4.0 mm
5 = 5.0 mm
6 = 6.0 mm
8 = 8.0 mm




## 8 Kesme Derinliği / *Cutting Depth* / *Maximale Schnitttiefe*



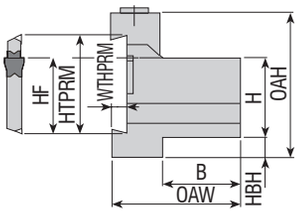


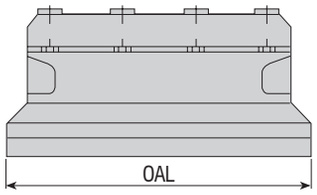

Not: İçten soğutmalı tüm torna katerlerinde kullanılabilecek 3 tip soğutma hortum setleri tasarlanmıştır. Takımların kullanılmasından önce, kullanılmayan bağlantıların set içindeki vida ile kapatılarak sızdırmazlığın sağlanmasına dikkat edilmelidir. Torna katerlerine yönelik soğutma hortum setleri, ACHS... 10 bar ile maksimum 150 bar basınç aralığında kullanılabilir.

Note: 3 types of cooling hose sets are designed that can be used in all internally cooled lathes. Before using the tools, care should be taken to ensure that the unused connections are closed with the screw in the set and that sealing is ensured. Cooling hose sets for lathe tools can be used in the pressure range of ACHS ... 10 bar to max 150 bar.

*Note: Es wurden 3 Arten von Kühlschlauch-Sets entwickelt, die in allen intern gekühlten Drehmaschinen verwendet werden können. Vor der Verwendung der Werkzeuge sollte darauf geachtet werden, dass die nicht verwendeten Verbindungen mit der Schraube im Satz geschlossen werden und die Abdichtung gewährleistet ist. Kühlschlauchsätze für Drehmaschinen können im Druckbereich von ACHS ... 10 bar bis max. 150 bar eingesetzt werden.*

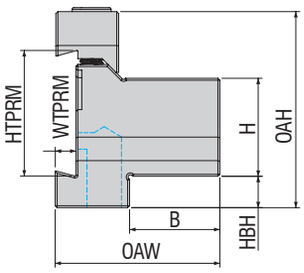
| Set İçindeki Parçalar<br>*Parts In The Set*<br>*Teile im Set* | | | | Uzunluk / *Length Code* / *Länge Einstellen: 250* | | |
|---|---|---|---|---|---|---|
| | | | | Set Kodu: *Set Code: Code Einstellen:* ACHS-1-250 | Set Kodu: *Set Code: Code Einstellen:* ACHS-2-250 | Set Kodu: *Set Code: Code Einstellen:* ACHS-3-250 |
| | | | | | | |
| | Resim<br>*Picture*<br>*Bild* | Takım Kodu<br>*Set Code*<br>*Code Einstellen* | Ürün Açıklaması<br>*Product Description*<br>*Artikelbeschreibung* | | | |
| 1 | | AMP-01 | M10 Bağlantı Elemanı<br>M10 Fastener<br>M10 Verschluss | 1x | - | - |
| 2 | | AMP-02 | G 1/8" Çift Bağlantı Elemanı<br>G 1/8" Double Fastener<br>G 1/8" Doppelverschluss | 2x | 1x | - |
| 3 | | AMP-03 | G 1/8" Açılı Bağlantısı<br>G 1/8" Angle Connection<br>G 1/8" Winkelverbindung | - | 1x | 2x |
| 4 | | AMP-04 | M10" Açılı Bağlantısı<br>M10" Angle Connection<br>M10" Winkelverbindung | - | 1x | 1x |
| 5 | | AMP-05 | G1/4"-G1/8" Kılsalma Parçası<br>G1 / 4"-G1/8" Capillary Piece<br>G1 / 4"-G1/8" Kapillarstück | - | 1x | 1x |
| 6 | | AG-01 | Bakır Conta<br>Copper Gasket<br>Kupferdichtung | 2x | 3x | 4x |
| 7 | | 2705-G1/8-5.5 | G1/8" Sızdırmaz Civata<br>G1/8" Sealing Bolt<br>G1/8" Dichtungsschraube | 1x | 1x | 1x |
| 8 | | AH-1-250 | Hortum<br>Hose<br>Schlauch | 1x | - | - |
| 9 | | AH-2-250 | Hortum<br>Hose<br>Schlauch | - | 1x | - |
| 10 | | AH-3-250 | Hortum<br>Hose<br>Schlauch | - | - | 1x |

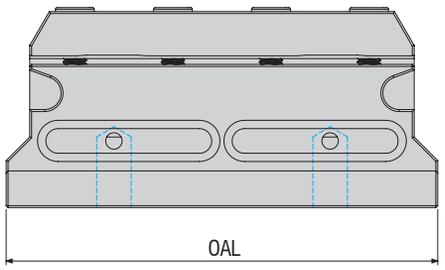



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | | | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | HTPRM | HF | H | HBH | OAH | WTHPRM | OAL | B | OAW | Pabuç *Clamp* *Spannspratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Anahtar *Allen Key* Innensechskantschlüssel |
| **ALBU-20-26** | ● | 26 | 21.4 | 20 | 9 | 43 | 4 | 86 | 19 | 38 | ABK-01 | 2505-M6x25 | AAL-07-5 |
| **ALBU-25-26** | ● | 26 | 21.4 | 25 | 5 | 45 | 4 | 110 | 23 | 42 | ABK-02 | 2505-M6x30 | |
| **ALBU-20-32** | ● | 32 | 25 | 20 | 13 | 50 | 5.3 | 100 | 19 | 38 | ABK-03 | | |
| **ALBU-25-32** | ● | 32 | 25 | 25 | 8 | 50 | 5.3 | 110 | 23 | 42 | ABK-04 | | |
| **ALBU-32-32** | ● | 32 | 25 | 32 | 5 | 54 | 5.3 | 110 | 29 | 48 | | | |

## İÇTEN SU VERME KANALLI KESME VE DERİN KANAL AÇMA LAMA BLOĞU
## *BLOCK FOR PARTING&GROOVING TOOLS WITH INTERNAL COOLANT HOLE*
## *BLOCK FÜR TEILUNG&AUSHOLUNG MIT INNEN KÜHLUNG*



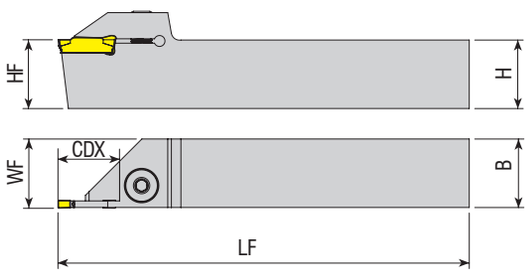



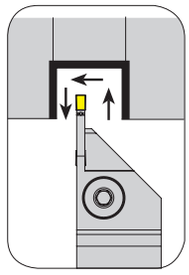

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | | | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | HTPRM | HD | H | HBH | AOH | WTHPRM | OAL | B | OAW | Pabuç *Clamp* *Spannspratze* | Oring *Ring* *Feder* | Sızdırmaz Vida *Threaded Pin* *Gewindestift* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Anahtar *Allen Key* Innensechskantschlüssel |
| **ALBU-20-32-H** | ● | 32 | 20 | 20 | 13 | 36.50 | 5.30 | 100 | 19 | 38 | ABK-03 | AOR-43 | 2705-G1/8x5.5 | 2505-M6x30 | AAL-07-5 |
| **ALBU-25-32-H** | ● | 32 | 25 | 25 | 8 | 50 | 5.30 | 110 | 23 | 42 | ABK-04 | AOR-46 | | | |
| **ALBU-32-32-H** | ● | 32 | 32 | 32 | 5 | 40.50 | 5.30 | 110 | 29 | 48 | ABK-04 | | | | |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ALBU-20-26

**AKKO** Ucuna Uygundur. / Compatible with **AKKO** Insert. / Kompatibel mit **AKKO** Wendeplatten.



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Pul *Stamp* *Ring* | Anahtar *Allen Key* Innensechskantschlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | HF=H | B | LF | WF | CDX | | | | |
| ADKT-K-R/L-1212-1.5-T15 | ● | ● | 12 | 12 | 100 | 12.2 | 15 | AGD. -1.5 | AKV-02-M6x22 | ABPL-01 | AAL-03-3 |
| ADKT-K-R/L-2020-1.5-T15 | ● | ● | 20 | 20 | 125 | 20.2 | 15 | | | | |
| ADKT-K-R/L-1212-2-T15 | ● | ● | 12 | 12 | 100 | 16.3 | 15 | AGD. -2 | | | |
| ADKT-K-R/L-1616-2-T10 | ● | ● | 16 | 16 | 125 | 16.3 | 10 | | | | |
| ADKT-K-R/L-1616-2-T15 | ● | ● | 16 | 16 | 125 | 16.3 | 15 | | | | |
| ADKT-K-R/L-2020-2-T15 | ● | ● | 20 | 20 | 150 | 20.3 | 15 | | | | |
| ADKT-K-R/L-2525-2-T15 | ● | ● | 25 | 25 | 150 | 25.3 | 15 | | | | |
| ADKT-K-R/L-3232-2-T15 | ● | ● | 32 | 32 | 170 | 32.3 | 15 | | | | |
| ADKT-K-R/L-1212-3-T15 | ● | ● | 12 | 12 | 100 | 12.3 | 15 | AGD. -3 | 2004-M8x1x20 | - | AAL-05-4 |
| ADKT-K-R/L-1616-3-T7 | ● | ● | 16 | 16 | 125 | 16.3 | 7 | | | | |
| ADKT-K-R/L-1616-3-T15 | ● | ● | 16 | 16 | 125 | 16.3 | 15 | | | | |
| ADKT-K-R/L-2020-3-T10 | ● | ● | 20 | 20 | 125 | 20.3 | 10 | | | | |
| ADKT-K-R/L-2020-3-T20 | ● | ● | 20 | 20 | 125 | 20.3 | 20 | | | | |
| ADKT-K-R/L-2020-3-R28 | ● | ● | 20 | 20 | 125 | 20.3 | 28 | | | | |
| ADKT-K-R/L-2525-3-T10 | ● | ● | 25 | 25 | 150 | 25.3 | 10 | | | | |
| ADKT-K-R/L-2525-3-R15 | ● | ● | 25 | 25 | 150 | 25.3 | 15 | | | | |
| ADKT-K-R/L-2525-3-T22 | ● | ● | 25 | 25 | 150 | 25.3 | 22 | | | | |
| ADKT-K-R/L-2525-3-T30 | ● | ● | 25 | 25 | 150 | 25.3 | 30 | | | | |
| ADKT-K-R/L-3232-3-T10 | ● | ● | 32 | 32 | 170 | 32.3 | 10 | | | | |
| ADKT-K-R/L-3232-3-T22 | ● | ● | 32 | 32 | 170 | 32.3 | 22 | | | | |
| ADKT-K-R/L-2020-4-T10 | ● | ● | 20 | 20 | 125 | 20.4 | 10 | AGD. -4 | | | |
| ADKT-K-R/L-2020-4-T20 | ● | ● | 20 | 20 | 125 | 20.4 | 20 | | | | |
| ADKT-K-R/L-2020-4-R25 | ● | ○ | 20 | 20 | 125 | 20.4 | 25 | | | | |
| ADKT-K-R/L-2525-4-T10 | ● | ● | 25 | 25 | 150 | 25.4 | 10 | | | | |
| ADKT-K-R/L-2525-4-T18 | ● | ● | 25 | 25 | 150 | 25.4 | 18 | | | | |
| ADKT-K-R/L-2525-4-T22 | ● | ● | 25 | 25 | 150 | 25.4 | 22 | | | | |
| ADKT-K-R/L-3232-4-T10 | ● | ● | 32 | 32 | 170 | 32.4 | 10 | | | | |
| ADKT-K-R/L-3232-4-T22 | ● | ● | 32 | 32 | 170 | 32.4 | 22 | | | | |
| ADKT-K-R/L-2020-5-T20 | ● | ● | 20 | 20 | 125 | 20.5 | 20 | AGD. -5 | | | |
| ADKT-K-R/L-2525-5-T15 | ● | ● | 25 | 25 | 150 | 25.5 | 15 | | | | |
| ADKT-K-R/L-2525-5-T18 | ● | ● | 25 | 25 | 150 | 25.5 | 18 | | | | |
| ADKT-K-R/L-2525-5-T25 | ● | ● | 25 | 25 | 150 | 25.5 | 25 | | | | |
| ADKT-K-R/L-3232-5-T15 | ● | ● | 32 | 32 | 170 | 32.5 | 15 | | | | |
| ADKT-K-R/L-3232-5-T25 | ● | ● | 32 | 32 | 170 | 32.5 | 25 | | | | |
| ADKT-K-R/L-2525-6-T15 | ● | ● | 25 | 25 | 150 | 25.6 | 15 | AGD. -6 | | | |
| ADKT-K-R/L-2525-6-T25 | ● | ● | 25 | 25 | 150 | 25.6 | 25 | | | | |
| ADKT-K-R/L-3232-6-T25 | ● | ● | 32 | 32 | 170 | 32.6 | 25 | | | | |
| ADKT-K-R/L-3232-8-T32 | ● | ● | 32 | 32 | 170 | 32.8 | 32 | AGD. -8 | | | |

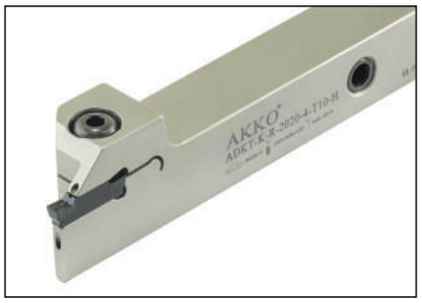
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*

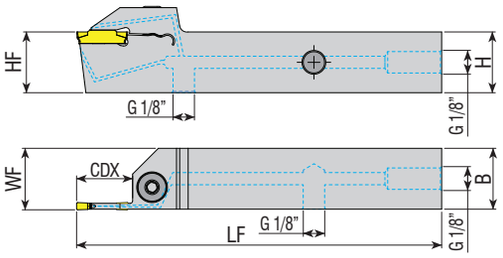
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

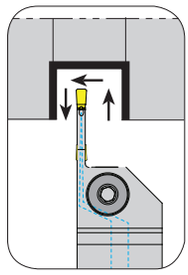
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ADKT-K-R-1212-1.5-T15

**AKKO** Ucuna Uygundur. / Compatible with **AKKO** Insert. / Kompatibel mit **AKKO** Wendeplatten.

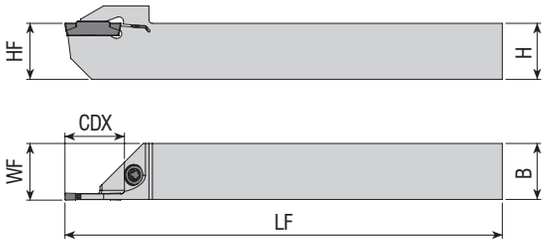
**AKKO** Ucuna Uygundur. / Compatible with **AKKO** Insert. / Kompatibel mit **AKKO** Wendeplatten.

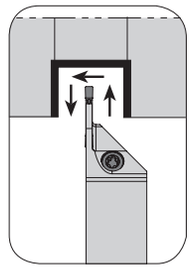




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Pul *Stamp* *Ring* | Anahtar *Allen Key* *Innensechskantschlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | HF=H | B | LF | WF | CDX |  | | | |
| ADKT-K-R/L-1616-2-T10-H | ● | ○ | 16 | 16 | 125 | 16.2 | 10 | AGD.-2 | AKV-02-M6x22 | ABPL-01 | AAL-03-3 |
| ADKT-K-R/L-1616-3-T15-H | ● | ○ | 16 | 16 | 125 | 16.3 | 15 | AGD.-3 | 2004-M8x1x20 | - | AAL-05-4 |
| ADKT-K-R/L-2020-3-R22-H | ○ | ● | 20 | 20 | 125 | 20.3 | 22 | | | | |
| ADKT-K-R/L-2020-3-T20-H | ● | ● | 20 | 20 | 125 | 20.4 | 20 | | | | |
| ADKT-K-R/L-2525-3-T22-H | ● | ● | 25 | 25 | 150 | 25.4 | 22 | | | | |
| ADKT-K-R/L-2020-4-T20-H | ● | ● | 20 | 20 | 125 | 20.4 | 20 | AGD.-4 | | | |
| ADKT-K-R/L-2525-4-T22-H | ● | ● | 25 | 25 | 150 | 25.4 | 22 | | | | |
| ADKT-K-R/L-2525-5-T25-H | ● | ● | 25 | 25 | 150 | 25.5 | 25 | AGD.-5 | | | |



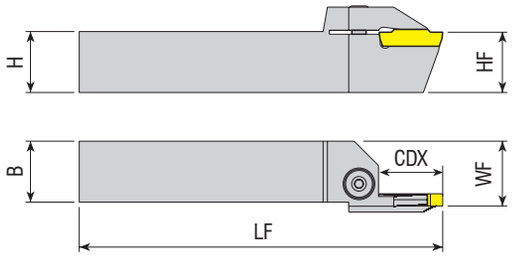



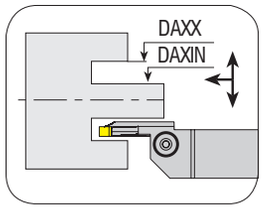
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Pul *Stamp* *Ring* | Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | HF=H | B | LF | WF | CDX |  | | | |
| ADKT-K-R/L-1212-2-R12-K-S | ● | ● | 12 | 12 | 125 | 12.20 | 12 | AGD. -2 | 4015-M4x11 | - | 80-T15 |
| ADKT-K-R/L-1616-2-R16-K-S | ● | ● | 16 | 16 | 125 | 16.20 | 16 | | | | |
| ADKT-K-R/L-1212-3-R12-K-S | ● | ● | 12 | 12 | 125 | 12.30 | 12 | AGD. -3 | | | |
| ADKT-K-R/L-1616-3-R16-K-S | ● | ● | 16 | 16 | 125 | 16.30 | 16 | | | | |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**AKKO** Ucuna Uygundur. / Compatible with **AKKO** Insert. / Kompatibel mit **AKKO** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ADKT-K-R-1616-2-T10-H

**AKKO** Ucuna Uygundur. / Compatible with **AKKO** Insert. / Kompatibel mit **AKKO** Wendeplatten.



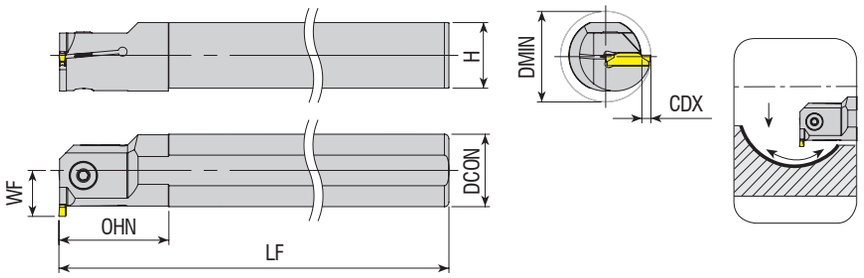

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Pul *Stamp* *Ring* | Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | HF=H | B | LF | WF | CDX | DAXIN | DAXX | | | | |
| AAKT-K-R/L-2525-34-45-3-T17 | ● | ● | 25 | 25 | 150 | 26.5 | 17 | 34 | 45 | AGD. -3 | 2004-M8x1x20 | - | AAL-05-4 |
| AAKT-K-R/L-2525-39-55-3-T17 | ● | ● | 25 | 25 | 150 | 26.5 | 17 | 39 | 55 | | | | |
| AAKT-K-R/L-2525-49-80-3-T17 | ● | ● | 25 | 25 | 150 | 26.5 | 17 | 49 | 80 | | | | |
| AAKT-K-R/L-2525-70-110-3-T17 | ● | ● | 25 | 25 | 150 | 26.5 | 17 | 70 | 110 | | | | |
| AAKT-K-R/L-2525-100-150-3-T17 | ● | ● | 25 | 25 | 150 | 26.5 | 17 | 100 | 150 | | | | |
| AAKT-K-R/L-2525-80-180-3-T32 | ● | ● | 25 | 25 | 150 | 26.5 | 32 | 80 | 180 | | | | |
| AAKT-K-R/L-2525-175-215-3-T22 | ● | ● | 25 | 25 | 150 | 26.5 | 22 | 175 | 215 | | | | |
| AAKT-K-R/L-2525-700-800-3-T17 | ● | ● | 25 | 25 | 150 | 26.5 | 17 | 700 | 800 | | | | |
| AAKT-K-R/L-3232-140-450-3-T17 | ● | ● | 32 | 32 | 170 | 33.5 | 17 | 140 | 450 | | | | |
| AAKT-K-R/L-2525-50-85-4-T22 | ● | ● | 25 | 25 | 150 | 26.5 | 22 | 50 | 85 | AGD. -4 | | | |
| AAKT-K-R/L-2525-70-110-4-T22 | ● | ● | 25 | 25 | 150 | 26.5 | 22 | 70 | 110 | | | | |
| AAKT-K-R/L-2525-100-150-4-T22 | ● | ● | 25 | 25 | 150 | 26.5 | 22 | 100 | 150 | | | | |
| AAKT-K-R/L-2525-80-180-4-T32 | ● | ● | 25 | 25 | 150 | 26.5 | 32 | 80 | 180 | | | | |
| AAKT-K-R/L-2525-180-800-4-T32 | ● | ● | 25 | 25 | 150 | 26.5 | 32 | 180 | 800 | | | | |
| AAKT-K-R/L-2525-70-110-5-T25 | ● | ● | 25 | 25 | 150 | 26.5 | 25 | 70 | 110 | AGD. -5 | | | |
| AAKT-K-R/L-2525-100-150-5-T25 | ● | ● | 25 | 25 | 150 | 26.5 | 25 | 100 | 150 | | | | |
| AAKT-K-R/L-2525-100-200-5-T45 | ● | ● | 25 | 25 | 150 | 26.5 | 45 | 100 | 200 | | | | |
| AAKT-K-R/L-2525-80-180-5-T32 | ● | ● | 25 | 25 | 150 | 26.5 | 32 | 80 | 180 | | | | |
| AAKT-K-R/L-2525-140-200-5-T25 | ● | ○ | 25 | 25 | 150 | 26.5 | 25 | 140 | 200 | | | | |
| AAKT-K-R/L-2525-180-800-5-T32 | ● | ● | 25 | 25 | 150 | 26.5 | 32 | 180 | 800 | | | | |
| AAKT-K-R/L-2525-180-800-5-T40 | ● | ○ | 25 | 25 | 150 | 26.5 | 40 | 180 | 800 | | | | |
| new AAKT-K-R/L-3232-300-400-5-T25 | ● | ● | 32 | 32 | 170 | 33.5 | 25 | 300 | 400 | | | | |
| AAKT-K-R/L-2525-60-100-6-T25 | ● | ○ | 25 | 25 | 150 | 26.5 | 25 | 60 | 100 | AGD. -6 | | | |
| AAKT-K-R/L-2525-60-100-6-T35 | ● | ○ | 25 | 25 | 150 | 26.5 | 35 | 60 | 100 | | | | |
| AAKT-K-R/L-2525-100-200-6-T25 | ● | ○ | 25 | 25 | 150 | 26.5 | 25 | 100 | 200 | | | | |
| AAKT-K-R/L-2525-100-200-6-T35 | ● | ● | 25 | 25 | 150 | 26.5 | 35 | 100 | 200 | | | | |
| AAKT-K-R/L-2525-100-200-6-T45 | ● | ○ | 25 | 25 | 150 | 26.5 | 45 | 100 | 200 | | | | |
| AAKT-K-R/L-2525-140-300-6-T35 | ● | ● | 25 | 25 | 150 | 26.5 | 35 | 140 | 300 | | | | |
| AAKT-K-R/L-2525-180-360-6-T40 | ● | ○ | 25 | 25 | 150 | 26.5 | 40 | 180 | 360 | | | | |
| AAKT-K-R/L-3232-140-800-6-T25 | ○ | ○ | 32 | 32 | 170 | 33.5 | 25 | 140 | 800 | | | | |
| AAKT-K-R/L-3232-180-800-6-T41 | ○ | ○ | 32 | 32 | 170 | 33.5 | 41 | 180 | 800 | | | | |
| AAKT-K-R/L-3232-400-500-6-T25 | ● | ○ | 32 | 32 | 170 | 33.5 | 25 | 400 | 500 | | | | |
| AAKT-K-R/L-2525-140-300-8-T35 | ● | ○ | 25 | 25 | 150 | 26.5 | 35 | 140 | 300 | AGD. -8 | | | |
| AAKT-K-R/L-3232-140-350-8-T35 | ● | ○ | 32 | 32 | 150 | 33.5 | 35 | 140 | 350 | | | | |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AAKT-K-R-2525-34-45-3-T17

**AKKO** Ucuna Uygundur. / Compatible with **AKKO** Insert. / Kompatibel mit **AKKO** Wendeplatten.

**AKKO** Ucuna Uygundur. / Compatible with **AKKO** Insert. / Kompatibel mit **AKKO** Wendeplatten.

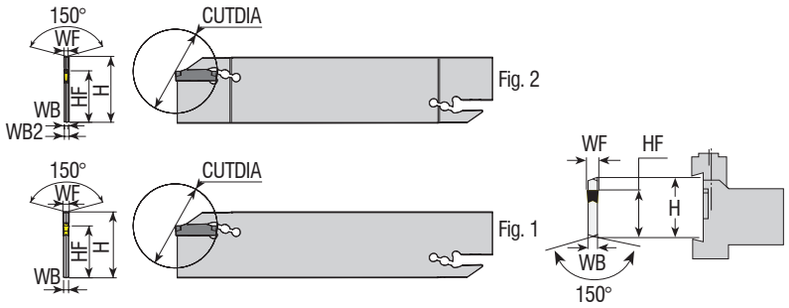



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Anahtar *Allen Key* Innensechskantschlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | DCON | DMIN | LF | OHN | CDX | H | WF | | | |
| **AIKT-K-R/L-16-2-T4** | ● | ● | 16 | 21 | 150 | 28 | 4 | 14.8 | 12 | **AGD. -2** | 2503-M4x10 | AAL-03-3 |
| **AIKT-K-R/L-20-2-T4** | ● | ● | 20 | 25 | 170 | 30 | 4 | 18.3 | 14 | | 2503-M4x12 | |
| **AIKT-K-R/L-25-2-T6** | ● | ● | 25 | 32 | 200 | 40 | 6 | 23 | 18.5 | | 2504-M5x12 | |
| **AIKT-K-R/L-16-3-T7** | ● | ● | 16 | 25 | 150 | 28 | 7 | 14.8 | 15 | **AGD. -3** | 2503-M4x12 | |
| **AIKT-K-R/L-20-3-T6** | ● | ● | 20 | 27 | 170 | 30 | 6 | 18.3 | 16 | | 2504-M5x12 | |
| **AIKT-K-R/L-20-3-T7** | ● | ● | 20 | 25 | 170 | 38 | 7 | 18.3 | 13 | | 2504-M5x16 | |
| **AIKT-K-R/L-25-3-T6** | ● | ● | 25 | 32 | 200 | 40 | 6 | 23 | 18.5 | | | |
| **AIKT-K-R/L-25-3-T10** | ● | ● | 25 | 32 | 200 | 48 | 10 | 23 | 17 | | 2004-M8x1x20 | |
| **AIKT-K-R/L-32-3-T6** | ● | ● | 32 | 39 | 250 | 50 | 6 | 30 | 22 | | | |
| **AIKT-K-R/L-32-3-T12** | ● | ● | 32 | 39 | 250 | 53 | 12 | 30 | 22 | | | |
| **AIKT-K-R/L-40-3-T6** | ● | ● | 40 | 47 | 300 | 55 | 6 | 37.5 | 26 | | | |
| **AIKT-K-R/L-40-3-T12** | ● | ○ | 40 | 48 | 300 | 63 | 12 | 37.5 | 27 | | | |
| **AIKT-K-R/L-20-4-T6** | ● | ● | 20 | 27 | 170 | 30 | 6 | 18.3 | 16 | **AGD. -4** | 2504-M5x12 | AAL-05-4 |
| **AIKT-K-R/L-20-4-T7** | ● | ○ | 20 | 25 | 170 | 38 | 7 | 18.3 | 13 | | 2504-M5x16 | |
| **AIKT-K-R/L-25-4-T6** | ● | ● | 25 | 32 | 200 | 40 | 6 | 23 | 18.5 | | | |
| **AIKT-K-R/L-25-4-T10** | ● | ● | 25 | 32 | 200 | 49 | 10 | 23 | 17 | | 2004-M8x1x20 | |
| **AIKT-K-R/L-32-4-T6** | ● | ● | 32 | 39 | 250 | 50 | 6 | 30 | 22 | | | |
| **AIKT-K-R/L-32-4-T12** | ● | ● | 32 | 39 | 250 | 53 | 12 | 30 | 22 | | | |
| **AIKT-K-R/L-40-4-T6** | ● | ● | 40 | 47 | 300 | 55 | 6 | 37.5 | 26 | | | |
| **AIKT-K-R/L-40-4-T12** | ● | ● | 40 | 48 | 300 | 63 | 12 | 37.5 | 27 | | | |
| **AIKT-K-R/L-25-5-T7** | ● | ● | 25 | 33 | 200 | 40 | 7 | 23 | 19.5 | **AGD. -5** | 2504-M5x16 | |
| **AIKT-K-R/L-32-5-T7** | ● | ● | 32 | 40 | 250 | 50 | 7 | 30 | 23 | | 2004-M8x1x20 | |
| **AIKT-K-R/L-40-5-T7** | ● | ● | 40 | 48 | 300 | 55 | 7 | 37.5 | 27 | | | |
| **AIKT-K-R/L-40-5-T12** | ● | ○ | 40 | 48 | 300 | 63 | 12 | 37.5 | 27 | | | |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**AKKO** Ucuna Uygundur. / Compatible with **AKKO** Insert. / Kompatibel mit **AKKO** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AIKT-K-R-16-2-T4

## **AKKO** Ucuna Uygundur. / Compatible with **AKKO** Insert. / Kompatibel mit **AKKO** Wendeplatten.

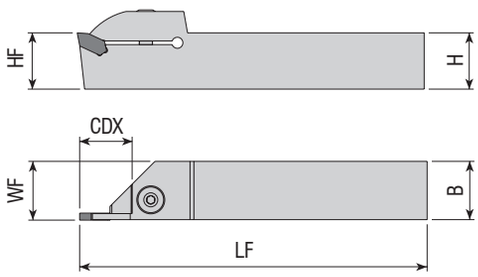


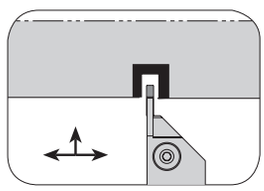

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* *Ersatzteile* Anahtar *Allen Key* Innensechskantschlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | H | WF | WB2 | WB | l | HF | CUTDIA | Fig. | | |
| **AKL-K-32-2** | ● | 32 | 2 | 2.40 | 1.60 | 150 | 25 | 32 | 2 | **AGD. -2** | ALA-02 |
| **AKL-K-32-3** | ● | 32 | 3 | - | 2.40 | 150 | 25 | 42 | 1 | **AGD. -3** | |
| **AKL-K-32-4** | ● | 32 | 4 | - | 3.20 | 150 | 25 | 42 | 1 | **AGD. -4** | |

Blok bilgileri için sayfa 175'a gidin. / For block information, go to page 175. / Informationen zu den spannblock finden Sie auf Seite 175.

**AKKO** Ucuna Uygundur. / Compatible with **AKKO** Insert. / Kompatibel mit **AKKO** Wendeplatten.

## **ARN** Ucuna Uygundur. / Compatible with **ARN** Insert. / Kompatibel mit **ARN** Wendeplatten.



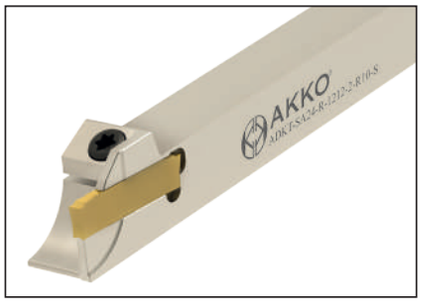
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Pul *Stamp* *Ring* | Anahtar *Allen Key* Innensechskantschlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | HF=H | B | LF | WF | CDX | | | | |
| **ADKT-ARN-R/L-2020-2-T15** | ● | ● | 20 | 20 | 125 | 20.3 | 15 | **LOMR. - 2** | AKV-02-M6x22 | ABPL-01 | AAL-03-3 |
| **ADKT-ARN-R/L-2525-2-T15** | ● | ● | 25 | 25 | 150 | 25.3 | 15 | | | | |
| **ADKT-ARN-R/L-2020-3-T20** | ● | ● | 20 | 20 | 125 | 20.4 | 20 | **LOMR. - 3** | 2004-M8x1x20 | - | AAL-05-4 |
| **ADKT-ARN-R/L-2525-3-T22** | ● | ● | 25 | 25 | 150 | 25.4 | 22 | | | | |

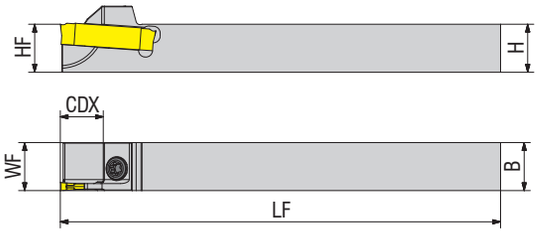
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

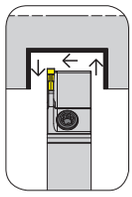
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AKL-K-32-2

**ARN** Ucuna Uygundur. / Compatible with **ARN** Insert. / Kompatibel mit **ARN** Wendeplatten.

**ARN** Ucuna Uygundur. / Compatible with **ARN** Insert. / Kompatibel mit **ARN** Wendeplatten.



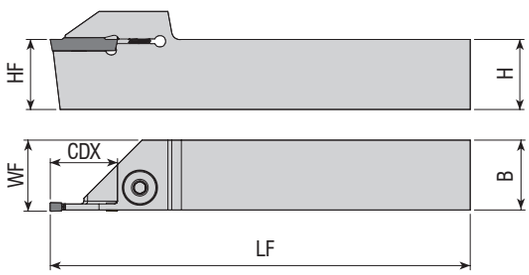



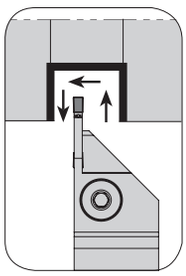



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Sıkma Vidası *Screw* *Klemmschraube* | Pul *Stamp* *Ring* | Anahtar *Allen Key* Innensechskantschlüssel |
| | R | L | HF=H | B | LF | WF | CDX | | | | |
| **ADKT-SA24-R/L-1212-2-R10-S** | ● | ● | 12 | 12 | 110 | 12 | 10 | **SA24-2** | 4015-M4x11 | - | 80-T15 |
| **ADKT-SA24-R/L-1616-2-R16-S** | ● | ● | 16 | 16 | 110 | 16 | 16 | | | | |

**ARN** Ucuna Uygundur. / Compatible with **ARN** Insert. / Kompatibel mit **ARN** Wendeplatten.

**CRTZT** Ucuna Uygundur. / Compatible with **CRTZT** Insert. / Kompatibel mit **CRTZT** Wendeplatten.



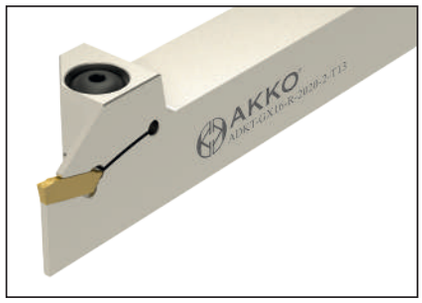



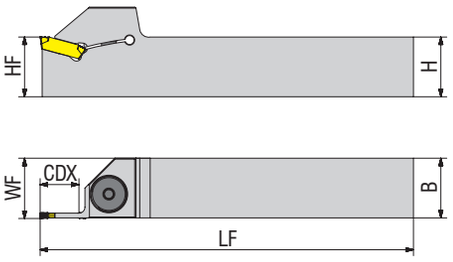
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Sıkma Vidası *Screw* *Klemmschraube* | Pul *Stamp* *Ring* | Anahtar *Allen Key* Innensechskantschlüssel |
| | R | L | HF=H | B | LF | WF | CDX | | | | |
| **ADKT-CD-R/L-2020-3-R20** | ● | ○ | 20 | 20 | 125 | 20.3 | 20 | **GX24 0300** | 2004-M8x1x20 | - | AAL-05-4 |
| **ADKT-CD-R/L-2525-3-R23** | ● | ○ | 25 | 25 | 150 | 25.3 | 23 | | | | |

**CRTZT** Ucuna Uygundur. / Compatible with **CRTZT** Insert. / Kompatibel mit **CRTZT** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ADKT-SA24-R-1212-2-R10-S

## **CRTZT** Ucuna Uygundur. / Compatible with **CRTZT** Insert. / Kompatibel mit **CRTZT** Wendeplatten.

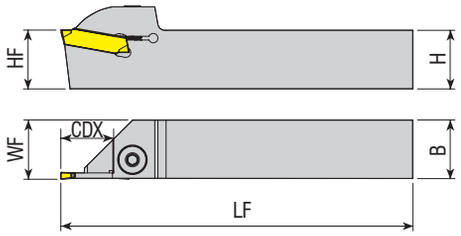


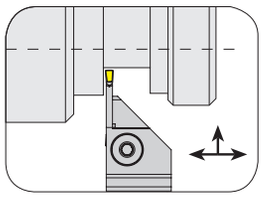



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* R | L | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H | B | LF | WF | CDX | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Pul *Stamp* *Ring* | Anahtar *Allen Key* Innensechskantschlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| ADKT-GX09-R/L-1212-2-R7-K-S | ● | ● | 12 | 12 | 100 | 12.20 | 7 | **GX 09-1/GX 09-2** | 4015-M4x11 | - | 80-T15 |
| ADKT-GX16-R/L-2020-2-T13 | ● | ● | 20 | 20 | 125 | 20.20 | 13 | **GX 16-1 E2.00** | AKV-02-M6x22 | ABPL-01 | AAL-03-3 |
| ADKT-GX16-R/L-2020-3-T13 | ● | ● | 20 | 20 | 125 | 20.30 | 13 | **GX 16-2 E3.00** | 2004-M8x1x20 | - | AAL-05-4 |
| ADKT-GX16-R/L-2020-4-T13 | ● | ● | 20 | 20 | 125 | 20.40 | 13 | **GX 16-3 E4.00** | | | |
| ADKT-GX24-R/L-2525-3-T21 | ● | ● | 25 | 25 | 150 | 25.30 | 21 | **GX 24-2 E3.00** | | | |
| ADKT-GX24-R/L-2525-4-T21 | ● | ● | 25 | 25 | 150 | 25.40 | 21 | **GX 24-3 E4.00** | | | |

**CRTZT** Ucuna Uygundur. / Compatible with **CRTZT** Insert. / Kompatibel mit **CRTZT** Wendeplatten.

## **HRN** Ucuna Uygundur. / Compatible with **HRN** Insert. / Kompatibel mit **HRN** Wendeplatten.



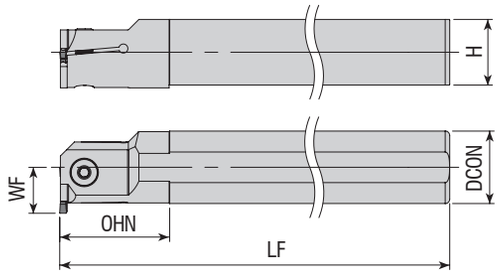
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* R | L | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H | B | LF | WF | CDX | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Pul *Stamp* *Ring* | Anahtar *Allen Key* Innensechskantschlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | |  | | | |
| ADKT-H-R/L-2020-3-T20 | ● | ● | 20 | 20 | 125 | 20.5 | 20 | **S229 - 3** | 2004-M8x1x20 | - | AAL-05-4 |
| ADKT-H-R/L-2525-3-T22 | ● | ● | 25 | 25 | 150 | 25.5 | 22 | | | | |
| ADKT-H-R/L-2525-3-T26 | ● | ● | 25 | 25 | 150 | 25.5 | 26 | | | | |
| ADKT-H-R/L-2020-4-T20 | ● | ● | 20 | 20 | 125 | 20.5 | 20 | **S229 - 4** | | | |
| ADKT-H-R/L-2525-4-T22 | ● | ● | 25 | 25 | 150 | 25.5 | 22 | | | | |
| ADKT-H-R/L-3232-4-T22 | ● | ● | 32 | 32 | 170 | 32.5 | 22 | | | | |
| ADKT-H-R/L-2020-5-T20 | ● | ● | 20 | 20 | 125 | 20.5 | 20 | **S229 - 5** | | | |
| ADKT-H-R/L-2525-5-T25 | ● | ● | 25 | 25 | 150 | 25.5 | 25 | | | | |
| ADKT-H-R/L-2525-6-T25 | ● | ● | 25 | 25 | 150 | 25.6 | 25 | **S229 - 6** | | | |

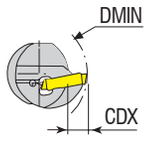
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

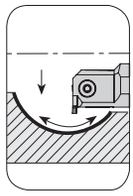
**HRN** Ucuna Uygundur. / Compatible with **HRN** Insert. / Kompatibel mit **HRN** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ADKT-GX09-R-1212-2-R7-K-S

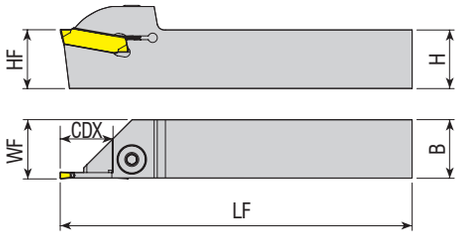
**HRN** Ucuna Uygundur. / Compatible with **HRN** Insert. / Kompatibel mit **HRN** Wendeplatten.

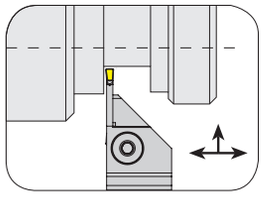


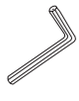



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Anahtar *Allen Key* Innensechskantschlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | DCON | DMIN | LF | OHN | CDX | H | WF | | | |
| **AIKT-H-R/L-25-3-T8** | ● | ● | 25 | 34 | 200 | 40 | 8 | 23 | 20.5 | **S229 - 3** | 2504-M5x16 | AAL-05-4 |
| **AIKT-H-R/L-32-3-T7** | ● | ● | 32 | 40 | 250 | 50 | 7 | 30 | 23 | | 2004-M8x1x20 | |
| **AIKT-H-R/L-40-3-T7** | ● | ● | 40 | 48 | 300 | 55 | 7 | 37.5 | 27 | | | |
| **AIKT-H-R/L-25-4-T8** | ● | ● | 25 | 34 | 200 | 40 | 8 | 23 | 20.5 | **S229 - 4** | 2504-M5x16 | |
| **AIKT-H-R/L-32-4-T7** | ● | ● | 32 | 40 | 250 | 50 | 7 | 30 | 23 | | 2004-M8x1x20 | |
| **AIKT-H-R/L-40-4-T7** | ● | ● | 40 | 48 | 300 | 55 | 7 | 37.5 | 27 | | | |
| **AIKT-H-R/L-25-5-T8** | ● | ● | 25 | 34 | 200 | 40 | 8 | 23 | 20.5 | **S229 - 5** | 2504-M5x16 | |
| **AIKT-H-R/L-32-5-T7** | ● | ○ | 32 | 40 | 250 | 50 | 7 | 30 | 23 | | 2004-M8x1x20 | |
| **AIKT-H-R/L-40-5-T7** | ● | ○ | 40 | 48 | 300 | 55 | 7 | 37.5 | 27 | | | |



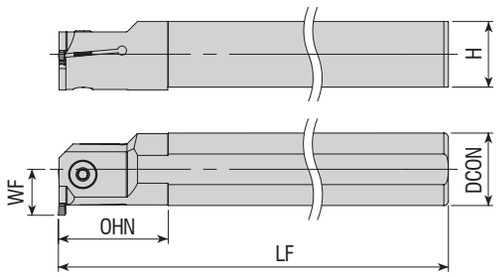



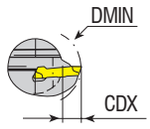
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Pul *Stamp* *Ring* | Anahtar *Allen Key* Innensechskantschlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | HF=H | B | LF | WF | CDX | | | |  |
| **ADKT-HK-R/L-1616-2-T15** | ● | ● | 16 | 16 | 125 | 16.3 | 15 | **S224 - 2** | AKV-02-M6x22 | ABPL-01 | AAL-03-3 |
| **ADKT-HK-R/L-2020-2-T15** | ● | ● | 20 | 20 | 125 | 20.3 | 15 | | | | |
| **ADKT-HK-R/L-2525-2-T15** | ● | ● | 25 | 25 | 150 | 25.3 | 15 | | | | |
| **ADKT-HK-R/L-1616-3-T15** | ○ | ○ | 16 | 16 | 125 | 16.3 | 15 | **S224 - 3** | 2004-M8x1x20 | - | AAL-05-4 |
| **ADKT-HK-R/L-2020-3-T20** | ● | ● | 20 | 20 | 125 | 20.4 | 20 | | | | |
| **ADKT-HK-R/L-2525-3-T22** | ● | ● | 25 | 25 | 150 | 25.4 | 22 | | | | |
| **ADKT-HK-R/L-2020-4-T20** | ● | ● | 20 | 20 | 125 | 20.4 | 20 | **S224 - 4** | | | |
| **ADKT-HK-R/L-2525-4-T22** | ● | ● | 25 | 25 | 150 | 25.4 | 22 | | | | |
| **ADKT-HS223-R/L-2020-2-T15** | ● | ○ | 20 | 20 | 125 | 20.4 | 15 | **S223 - 2** | AKV-02-M6x22 | ABPL-01 | AAL-03-3 |
| **ADKT-HS223-R/L-2020-3-T17** | ● | ○ | 20 | 20 | 125 | 20.3 | 17 | **S223 - 3** | 2004-M8x1x20 | - | AAL-05-4 |

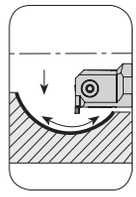
R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager*  ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**HRN** Ucuna Uygundur. / Compatible with **HRN** Insert. / Kompatibel mit **HRN** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AIKT-H-R/L-25-3-T8

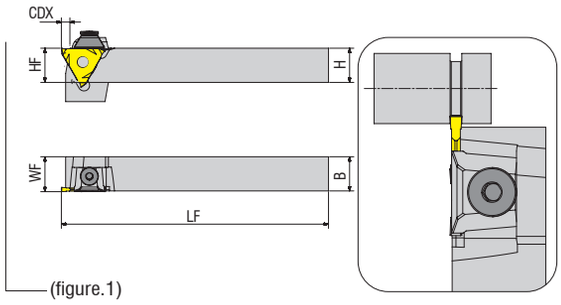
**HRN** Ucuna Uygundur. / Compatible with **HRN** Insert. / Kompatibel mit **HRN** Wendeplatten.



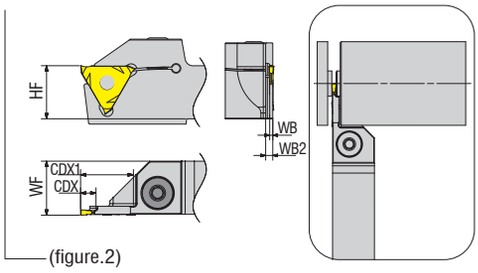



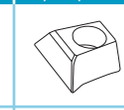
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Anahtar *Allen Key* Innensechskantschlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | DCON | DMIN | LF | OHN | CDX | H | WF | | | |
| AIKT-HK-R/L-20-2-T6 | ● | ● | 20 | 26 | 170 | 30 | 6 | 18.3 | 16 | S224 - 2 | 2503-M4x12 | AAL-03-3 |
| AIKT-HK-R/L-25-2-T6 | ● | ○ | 25 | 32 | 200 | 40 | 6 | 23 | 18.5 | | 2504-M5x16 | |
| AIKT-HK-R/L-20-3-T6 | ● | ○ | 20 | 27 | 170 | 30 | 6 | 18.3 | 16 | S224 - 3 | 2504-M5x12 | |
| AIKT-HK-R/L-25-3-T6 | ● | ● | 25 | 32 | 200 | 40 | 6 | 23 | 18.5 | | 2504-M5x16 | |
| AIKT-HK-R/L-32-3-T6 | ● | ● | 32 | 39 | 250 | 50 | 6 | 30 | 22 | | 2004-M8x1x20 | AAL-05-4 |
| AIKT-HK-R/L-20-4-T6 | ● | ○ | 20 | 27 | 170 | 30 | 6 | 18.3 | 16 | S224 - 4 | 2504-M5x12 | |
| AIKT-HK-R/L-25-4-T6 | ● | ○ | 25 | 32 | 200 | 40 | 6 | 23 | 18.5 | | 2504-M5x16 | |
| AIKT-HK-R/L-32-4-T6 | ● | ○ | 32 | 39 | 250 | 50 | 6 | 30 | 22 | | 2004-M8x1x20 | |
| AIKT-HS223-R/L-20-2-T5 | ● | ○ | 20 | 26 | 170 | 33 | 5 | 18.3 | 15 | S223 - 2 | 2503-M4x12 | AAL-03-3 |
| AIKT-HS223-R/L-25-2-T5 | ● | ○ | 25 | 31 | 200 | 40 | 5 | 23 | 17.5 | | 2504-M5x16 | |
| AIKT-HS223-R/L-20-3-T6 | ● | ○ | 20 | 27 | 170 | 33 | 6 | 18.3 | 16 | S223 - 3 | 2504-M5x12 | AAL-05-4 |
| AIKT-HS223-R/L-25-3-T6 | ● | ○ | 25 | 32 | 200 | 40 | 6 | 23 | 18.5 | | 2504-M5x16 | |




(figure.1)




(figure.2)

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Figür *Figure* *Figur* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Baskı Pabucu *Wedge Clamp* *Spannpratze* | Segman *Ring* *Feder* | Anahtar *Allen Key* Innensechskantschlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | HF=H | B | LF | WF | WB | WB2 | CDX | CDX1 | | |  | | |
| ADKT-H22-R/L-1616-(0.5-2)-T4 | ● | ● | 16 | 16 | 125 | 16.35 | - | - | 4 | - | S312 - (0.5-2) | figure.1 | AKV-29-M6x29 | AKK-04 | AS-01 | AAL-03-3 |
| ADKT-H22-R/L-2020-(0.5-2)-T4 | ● | ● | 20 | 20 | 125 | 20.35 | - | - | 4 | - | | | | | | |
| ADKT-H22-R/L-2020-(0.5-2)-T6x20 | ● | ○ | 20 | 20 | 125 | 20.2 | 1.3 | 3 | 6 | 20 | | figure.2 | 2004-M8x1x20 | - | - | AAL-05-4 |
| ADKT-H22-R/L-2525-(0.5-2)-T4 | ● | ● | 25 | 25 | 150 | 25.35 | - | - | 4 | - | | figure.1 | AKV-29-M6x29 | AKK-04 | AS-01 | AAL-03-3 |
| ADKT-H22-R/L-2525-(0.5-2)-T6x20 | ● | ○ | 25 | 25 | 150 | 20.2 | 1.3 | 3 | 6 | 20 | | figure.2 | 2004-M8x1x20 | - | - | AAL-05-4 |

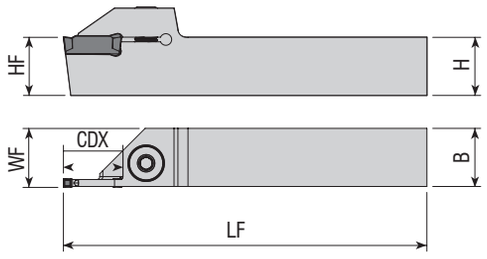
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*

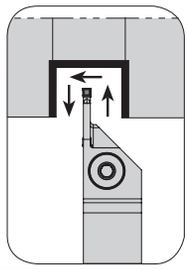
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

**HRN** Ucuna Uygundur. / Compatible with **HRN** Insert. / Kompatibel mit **HRN** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AIKT-HK-R-20-2-T6

**ISCR** Ucuna Uygundur. / Compatible with **ISCR** Insert. / Kompatibel mit **ISCR** Wendeplatten.



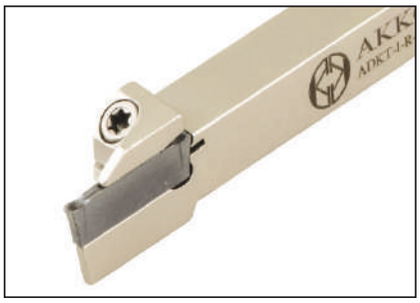



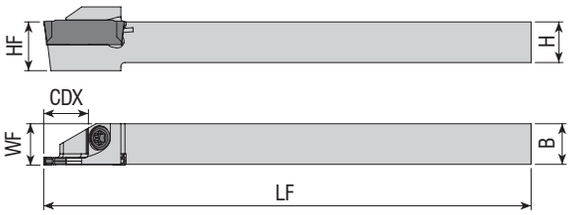
| Takım Kodu / Ordering Code / Bestell-Bezeichnung | Stok / Stock / Lager | | Takım Ölçüleri (mm) / Dimension (mm) / Abmessung (mm) | | | | | Kesici Uç / Insert / Wendeschneidplatte | Yedek Parçaları / Spare Parts / Ersatzteile: Sıkma Vidası / Screw / Klemmschraube | Pul / Stamp / Ring | Anahtar / Allen Key / Innensechskantschlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | HF=H | B | LF | WF | CDX | | | | |
| ADKT-I-R/L-1212-2-T15 | ● | ● | 12 | 12 | 100 | 16.3 | 15 | DGN - 2 | AKV-02-M6x22 | ABPL-01 | AAL-03-3 |
| ADKT-I-R/L-1616-2-T15 | ● | ● | 16 | 16 | 125 | 16.3 | 15 | | | | |
| ADKT-I-R/L-2020-2-T15 | ● | ● | 20 | 20 | 125 | 20.3 | 15 | | | | |
| ADKT-I-R/L-2525-2-T15 | ● | ● | 25 | 25 | 150 | 25.3 | 15 | | | | |
| ADKT-I-R/L-3232-2-T15 | ● | ● | 32 | 32 | 170 | 32.3 | 15 | | | | |
| ADKT-I-R/L-1212-3-T15 | ● | ● | 12 | 12 | 100 | 16.3 | 15 | DGN - 3 | 2004-M8x1x20 | - | AAL-05-4 |
| ADKT-I-R/L-1616-3-T15 | ● | ● | 16 | 16 | 125 | 16.3 | 15 | | | | |
| ADKT-I-R/L-2020-3-T12 | ● | ● | 20 | 20 | 125 | 20.3 | 12 | | | | |
| ADKT-I-R/L-2020-3-T20 | ● | ● | 20 | 20 | 125 | 20.3 | 20 | | | | |
| ADKT-I-R/L-2525-3-T12 | ● | ● | 25 | 25 | 150 | 25.3 | 12 | | | | |
| ADKT-I-R/L-2525-3-T22 | ● | ● | 25 | 25 | 150 | 25.3 | 22 | | | | |
| ADKT-I-R/L-3232-3-T22 | ● | ● | 32 | 32 | 170 | 32.3 | 22 | | | | |
| ADKT-I-R/L-2020-4-T20 | ● | ● | 20 | 20 | 125 | 20.4 | 20 | DGN / GRP - 4 | | | |
| ADKT-I-R/L-2525-4-T12 | ● | ● | 25 | 25 | 150 | 25.4 | 12 | | | | |
| ADKT-I-R/L-2525-4-T22 | ● | ● | 25 | 25 | 150 | 25.4 | 22 | | | | |
| new ADKT-I-R/L-2525-4-T25 | ● | ● | 25 | 25 | 150 | 25.3 | 25 | | | | |
| ADKT-I-R/L-3232-4-T25 | ● | ● | 32 | 32 | 170 | 32.4 | 25 | | | | |
| ADKT-I-R/L-2020-5-T20 | ● | ● | 20 | 20 | 125 | 20.5 | 20 | DGN / GRP - 5 | | | |
| ADKT-I-R/L-2525-5-T12 | ● | ● | 25 | 25 | 150 | 25.5 | 12 | | | | |
| ADKT-I-R/L-2525-5-T25 | ● | ● | 25 | 25 | 150 | 25.5 | 25 | | | | |
| ADKT-IG-R/L-1616-3-T18 | ● | ○ | 16 | 16 | 125 | 16.3 | 18 | GRP - 3 | | | |
| ADKT-IG-R/L-2020-3-T12 | ● | ● | 20 | 20 | 125 | 20.3 | 12 | | | | |
| ADKT-IG-R/L-2020-3-R20 | ● | ● | 20 | 20 | 125 | 20.3 | 20 | | | | |
| ADKT-IG-R/L-2525-3-T12 | ● | ● | 25 | 25 | 150 | 25.3 | 12 | | | | |
| ADKT-IG-R/L-2525-3-T22 | ● | ● | 25 | 25 | 150 | 25.3 | 22 | | | | |
| ADKT-IGI-R/L-2020-2-T15 | ● | ● | 20 | 20 | 125 | 20.3 | 15 | GIM / GIP - 2 | AKV-02-M6x22 | ABPL-01 | AAL-03-3 |
| ADKT-IGI-R/L-2525-2-T15 | ● | ● | 25 | 25 | 150 | 25.3 | 15 | | | | |
| ADKT-IGI-R/L-1616-3-T15 | ● | ● | 16 | 16 | 125 | 16.3 | 15 | GIM / GIP - 3 | 2004-M8x1x20 | - | AAL-07-5 |
| ADKT-IGI-R/L-2020-3-T20 | ● | ● | 20 | 20 | 125 | 20.3 | 20 | | | | |
| ADKT-IGI-R/L-2525-3-T9 | ● | ● | 25 | 25 | 150 | 25.3 | 9 | | | | |
| ADKT-IGI-R/L-2525-3-T22 | ● | ● | 25 | 25 | 150 | 25.3 | 22 | | | | |
| ADKT-IGI-R/L-2525-4-T22 | ● | ● | 25 | 25 | 150 | 25.4 | 22 | GIM / GIP - 4 | | | |
| ADKT-IGI-R/L-2525-5-T25 | ● | ● | 25 | 25 | 150 | 25.5 | 25 | GIM / GIP - 5 | | | |
| ADKT-IGI-R/L-2525-8-T25 | ● | ○ | 25 | 25 | 150 | 25.8 | 25 | GIM / GIP - 8 | 2505-M6x20 | | |
| ADKT-IGI-R/L-2525-8-T30 | ● | ○ | 25 | 25 | 150 | 25.8 | 30 | | 2004-M8x1x20 | | AAL-03-3 |
| ADKT-IDC-R/L-1616-2-D35 | ○ | ● | 16 | 16 | 140 | 16.2 | 35 | DCE - 2 | 2503-M4x19 | | AAL-05-4 |
| ADKT-IDC-R/L-2020-2-R23 | ● | ○ | 20 | 20 | 125 | 20.2 | 23 | | AKV-02-M6X22 | | |
| ADKT-IDC-R/L-2525-2-R23 | ● | ○ | 25 | 25 | 150 | 25.2 | 23 | | | ABPL-01 | AAL-03-3 |
| ADKT-IDC-R/L-1616-3-D35 | ● | ○ | 16 | 16 | 140 | 16.3 | 35 | DCE - 3 | 2504-M5x18 | | |
| ADKT-IDC-R/L-2525-3-T21 | ● | ○ | 25 | 25 | 150 | 25.4 | 21 | | 2004-M8X1X20 | - | AAL-05-4 |

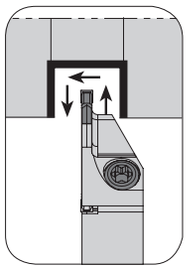
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**ISCR** Ucuna Uygundur. / Compatible with **ISCR** Insert. / Kompatibel mit **ISCR** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ADKT-I-R-1212-2-T15

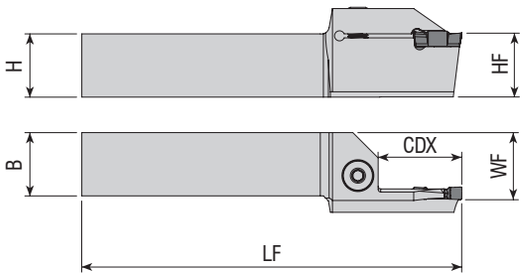
**ISCR** Ucuna Uygundur. / Compatible with **ISCR** Insert. / Kompatibel mit **ISCR** Wendeplatten.

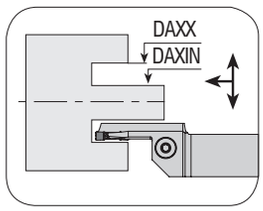




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Pul *Stamp* *Ring* | Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | HF=H | B | LF | WF | CDX | | | | |
| ADKT-I-R/L-0808-2-R10-S | ● | ● | 08 | 08 | 100 | 8.2 | 10 | **DGN - 2** | 4015-M4x11 | - | 80-T15 |
| ADKT-I-R/L-1010-2-R10-K-S | ● | ● | 10 | 10 | 125 | 10.2 | 10 | | | | |
| ADKT-I-R/L-1212-2-R12-K-S | ● | ● | 12 | 12 | 125 | 12.2 | 12 | | | | |
| ADKT-I-R/L-1616-2-R16-K-S | ● | ○ | 16 | 16 | 125 | 16.2 | 16 | | | | |
| ADKT-I-R/L-1616-3-R16-K-S | ● | ● | 16 | 16 | 125 | 16.3 | 16 | **DGN - 3** | | | |



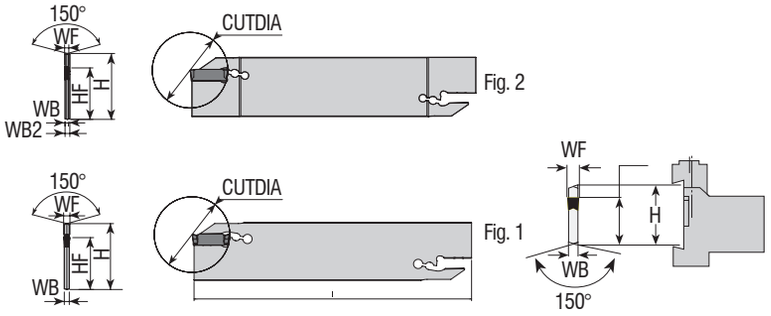




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Pul *Stamp* *Ring* | Anahtar *Allen Key* Innensechskantschlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | HF=H | B | LF | WF | CDX | DAXIN | DAXX | | | | |
| AAKT-IG-R/L-2525-40-60-4-T25 | ● | ● | 25 | 25 | 150 | 26.5 | 25 | 40 | 60 | **DGN / GRP - 4** | 2004-M8x1x20 | - | AAL-05-4 |
| AAKT-IG-R/L-2525-52-80-4-T25 | ● | ● | 25 | 25 | 150 | 26.5 | 25 | 52 | 80 | | | | |
| AAKT-IG-R/L-2525-70-110-4-T28 | ● | ● | 25 | 25 | 150 | 26.5 | 28 | 70 | 110 | | | | |
| AAKT-IG-R/L-2525-72-110-4-T25 | ○ | ○ | 25 | 25 | 150 | 26.5 | 25 | 72 | 110 | | | | |
| AAKT-IG-R/L-2525-100-150-4-T25 | ● | ○ | 25 | 25 | 150 | 26.5 | 25 | 100 | 150 | | | | |
| AAKT-IG-R/L-2525-110-200-4-T28 | ● | ○ | 25 | 25 | 150 | 26.5 | 28 | 110 | 200 | | | | |
| AAKT-IG-R/L-2525-110-200-4-T32 | ● | ● | 25 | 25 | 150 | 26.5 | 32 | 110 | 200 | | | | |
| AAKT-IG-R/L-2525-140-200-4-T25 | ○ | ○ | 25 | 25 | 150 | 26.5 | 25 | 140 | 200 | | | | |
| AAKT-IG-R/L-2525-180-800-4-T28 | ● | ● | 25 | 25 | 150 | 26.5 | 28 | 180 | 800 | | | | |
| AAKT-IG-R/L-2525-200-800-4-T25 | ○ | ○ | 25 | 25 | 150 | 26.5 | 25 | 200 | 800 | | | | |
| AAKT-IG-R/L-2525-70-110-5-T32 | ● | ● | 25 | 25 | 150 | 26.5 | 32 | 70 | 110 | **DGN / GRP - 5** | | | |
| AAKT-IG-R/L-2525-110-200-5-T9 | ● | ○ | 25 | 25 | 150 | 26.5 | 9 | 110 | 200 | | | | |
| AAKT-IG-R/L-2525-110-200-5-T32 | ● | ● | 25 | 25 | 150 | 26.5 | 32 | 110 | 200 | | | | |
| AAKT-IG-R/L-2525-180-800-5-T32 | ● | ● | 25 | 25 | 150 | 26.5 | 32 | 180 | 800 | | | | |
| AAKT-IG-R/L-2525-58-100-6-T32 | ● | ○ | 25 | 25 | 150 | 26.5 | 32 | 58 | 100 | **DGN / GRP - 6** | | | |
| AAKT-IG-R/L-2525-88-180-6-T32 | ● | ○ | 25 | 25 | 150 | 26.5 | 32 | 88 | 180 | | | | |

R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager*  ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**ISCR** Ucuna Uygundur. / Compatible with **ISCR** Insert. / Kompatibel mit **ISCR** Wendeplatten.

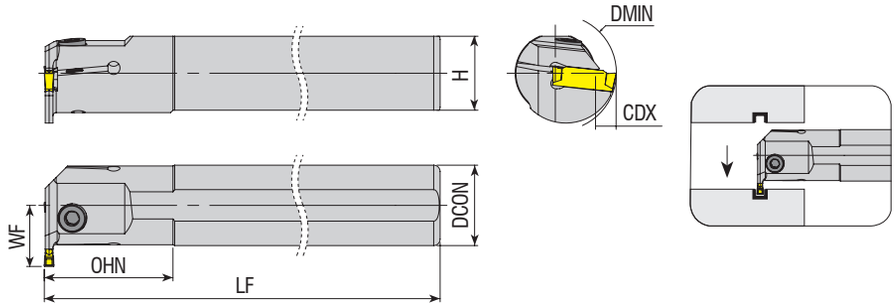
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ADKT-I-R-0808-2-R10-S

**ISCR** Ucuna Uygundur. / Compatible with **ISCR** Insert. / Kompatibel mit **ISCR** Wendeplatten.




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* *Ersatzteile* Anahtar *Allen Key* Innensechskantschlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | H | WF | WB2 | WB | I | HF | CUTDIA | Fig. | | |
| **AKL-I-26-2** | ● | 26 | 1.9-2.5 | 1.6 | - | 110 | 21.4 | 39 | 1 | **DGN - 2** | ALA-02 |
| **AKL-I-32-2** | ● | 32 | 1.9-2.5 | 1.6 | 2.4 | 150 | 25 | 39 | 2 | | |
| **AKL-I-26-3** | ● | 26 | 3-3.18 | 2.4 | - | 110 | 21.4 | 39 | 1 | **DGN - 3** | |
| **AKL-I-32-3** | ● | 32 | 3-3.18 | 2.4 | - | 150 | 25 | 39 | 1 | | |
| **AKL-I-26-4** | ● | 26 | 4 | 3.2 | - | 110 | 21.4 | 80 | 1 | **DGN / GRP - 4** | |
| **AKL-I-32-4** | ● | 32 | 4 | 3.2 | - | 150 | 25 | 100 | 1 | | |

Blok bilgileri için sayfa 175'a gidin. / For block information, go to page 175. / Informationen zu den spannblock finden Sie auf Seite 175.

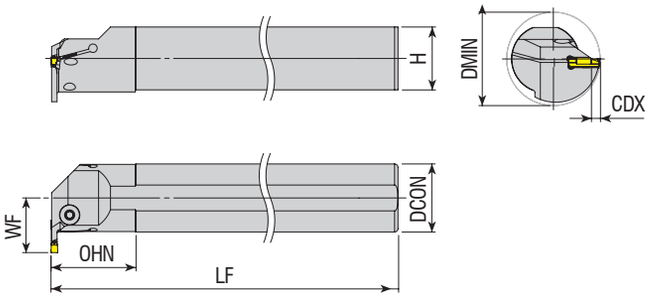


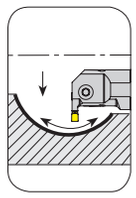

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Anahtar *Allen Key* Innensechskantschlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | DCON | DMIN | LF | OHN | CDX | H | WF | | | |
| **AIKT-I-R/L-20-3-T5** | ● | ● | 20 | 26 | 170 | 25 | 5 | 18.3 | 15.5 | **DGN - 3** | 2504-M5x12 | AAL-05-4 |
| **AIKT-I-R/L-25-3-T6** | ● | ● | 25 | 32 | 200 | 40 | 6 | 23 | 19 | | 2504-M5x16 | |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**ISCR** Ucuna Uygundur. / Compatible with **ISCR** Insert. / Kompatibel mit **ISCR** Wendeplatten.

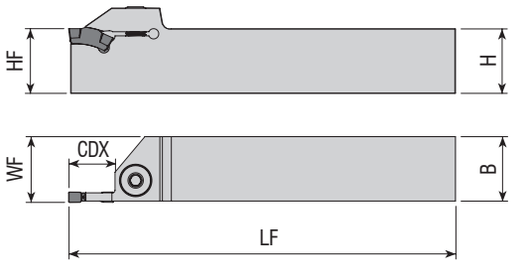
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AKL-I-26-2

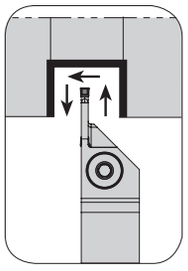
**ISCR** Ucuna Uygundur. / Compatible with **ISCR** Insert. / Kompatibel mit **ISCR** Wendeplatten.



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* R | L | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON | DMIN | LF | OHN | CDX | H | WF | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Anahtar *Allen Key* Innensechskantschlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | |
| **AIKT-IG-R/L-25-4-T10-H** | ● | ● | 25 | 36 | 200 | 40 | 10 | 23 | 22.7 | **DGN / GRP - 4** | 2504-M5X16 | AAL-05-4 |
| **AIKT-IG-R/L-32-4-T10-H** | ● | ● | 32 | 43 | 250 | 45 | 10 | 30 | 26.2 | | 2004-M8x1x20 | |
| **AIKT-IG-R/L-40-4-T12-H** | ● | ● | 40 | 53 | 250 | 50 | 12 | 37.5 | 32.2 | | | |
| **AIKT-IG-R/L-25-5-T10-H** | ● | ○ | 25 | 43 | 200 | 40 | 10 | 23 | 22.7 | **DGN / GRP - 5** | 2504-M5X16 | |
| **AIKT-IG-R/L-32-5-T10-H** | ● | ○ | 32 | 43 | 250 | 45 | 10 | 30 | 26.2 | | 2004-M8x1x20 | |
| **AIKT-IG-R/L-40-5-T12-H** | ● | ○ | 40 | 53 | 250 | 50 | 12 | 37.5 | 32.2 | | | |
| **AIKT-IG-R/L-50-5-T12-H** | ● | ○ | 50 | 63 | 300 | 60 | 12 | 47 | 37.2 | | | |



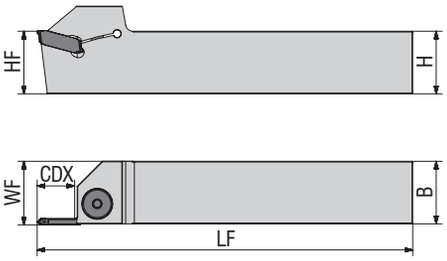



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* R | L | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H | B | LF | WF | CDX | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Pul *Stamp* *Ring* | Anahtar *Allen Key* Innensechskantschlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| **ADKT-ITG-R/L-2020-3-T8** | ● | ● | 20 | 20 | 125 | 20.3 | 8 | | | | |
| **ADKT-ITG-R/L-2525-3-T8** | ● | ● | 25 | 25 | 150 | 25.3 | 8 | **TGM. - 3** | | | |
| **ADKT-ITG-R/L-3232-3-T8** | ● | ○ | 32 | 32 | 170 | 32.3 | 8 | | | | |
| **ADKT-ITG-R/L-2020-4-T9** | ● | ● | 20 | 20 | 125 | 20.4 | 9 | | 2004-M8x1x20 | - | AAL-05-4 |
| **ADKT-ITG-R/L-2525-4-T17** | ● | ● | 25 | 25 | 150 | 25.4 | 17 | **TGM. - 4** | | | |
| **ADKT-ITG-R/L-3232-4-T17** | ● | ● | 32 | 32 | 170 | 32.4 | 17 | | | | |
| **ADKT-ITG-R/L-3232-5-T25** | ● | ○ | 32 | 32 | 170 | 32.5 | 25 | **TGM. - 5** | | | |

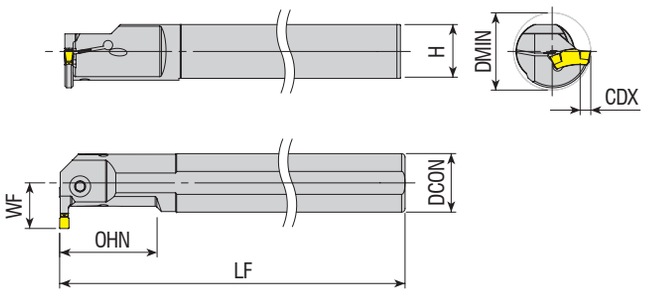
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**ISCR** Ucuna Uygundur. / Compatible with **ISCR** Insert. / Kompatibel mit **ISCR** Wendeplatten.

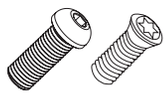
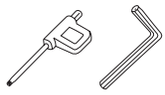
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AIKT-IG-R-25-4-T10-H

**ISCR** Ucuna Uygundur. / Compatible with **ISCR** Insert. / Kompatibel mit **ISCR** Wendeplatten.




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Sıkma Vidası *Screw* *Klemmschraube* | Pul *Stamp* *Ring* | Anahtar *Allen Key* Innensechskantschlüssel |
| | R | L | HF=H | B | LF | WF | CDX | | | | |
| **ADKT-ITI-R/L-2020-2-T15** | ● | ● | 20 | 20 | 125 | 20.40 | 15 | **TIP2-P16** | AKV-02-M6x22 | ABPL-01 | AAL-03-3 |
| **ADKT-ITI-R/L-2525-2-T15** | ● | ● | 25 | 25 | 150 | 25.40 | 15 | | | | |

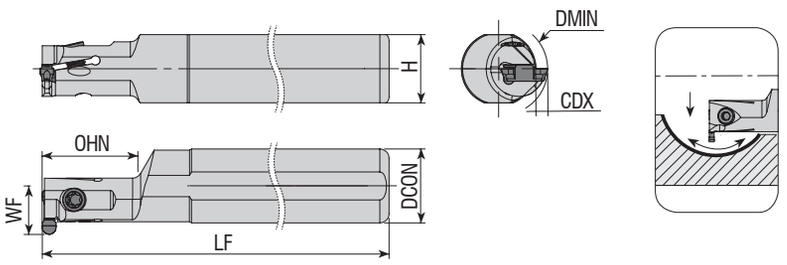



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | Sıkma Vidası *Screw* *Klemmschraube* | Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel* |
| | R | L | DCON | DMIN | LF | OHN | CDX | H | WF | |  |  |
| **AIKT-ITG-R/L-16-3-T6-H** | ● | ● | 16 | 20 | 150 | 25 | 6 | 14.8 | 12 | **TGM. - 3** | 1020-M4.5X14 | 80-T20 |
| **AIKT-ITG-R/L-20-3-T6-H** | ● | ● | 20 | 25 | 170 | 32 | 6 | 18.3 | 14.2 | | 1020-M4.5X16 | |
| **AIKT-ITG-R/L-25-3-T8-H** | ● | ● | 25 | 32 | 200 | 40 | 8 | 23 | 18.8 | | 2504-M5X16 | AAL-05-4 |
| **AIKT-ITG-R/L-32-3-T8-H** | ● | ● | 32 | 38 | 250 | 49 | 8 | 30 | 22 | | 2004-M8x1x20 | |
| **AIKT-ITG-R/L-20-4-T6-H** | ● | ● | 20 | 25 | 170 | 33 | 6 | 18.3 | 14.2 | **TGM. - 4** | 1020-M4.5X16 | 80-T20 |
| **AIKT-ITG-R/L-25-4-T7-H** | ● | ● | 25 | 31 | 200 | 41 | 7 | 23 | 17.5 | | 2504-M5X16 | AAL-05-4 |
| **AIKT-ITG-R/L-25-4-T9-H** | ● | ● | 25 | 32.5 | 200 | 41 | 9 | 23 | 19.5 | | | |
| **AIKT-ITG-R/L-32-4-T11-H** | ● | ● | 32 | 42 | 250 | 50 | 11 | 30 | 25.5 | | 2004-M8x1x20 | |
| **AIKT-ITG-R/L-40-4-T11-H** | ● | ● | 40 | 53 | 300 | 50 | 11 | 37.5 | 32 | | | |
| **AIKT-ITG-R/L-32-6.35-T17.5-H** | ● | ● | 32 | 57 | 250 | 50 | 17.5 | 30 | 29 | **TGM. - 6.35** | | |

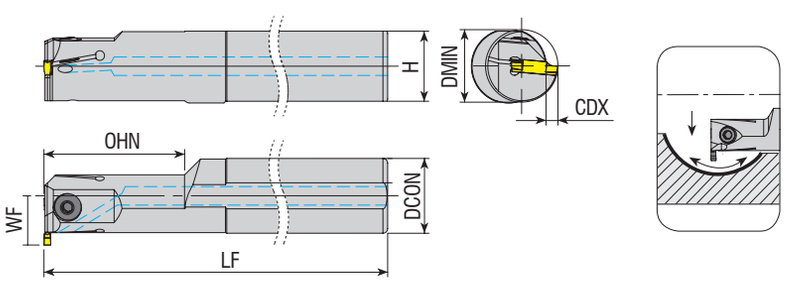
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**ISCR** Ucuna Uygundur. / Compatible with **ISCR** Insert. / Kompatibel mit **ISCR** Wendeplatten.

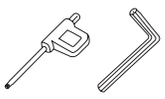
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ADKT-ITI-R-2020-2-T15

**ISCR** Ucuna Uygundur. / Compatible with **ISCR** Insert. / Kompatibel mit **ISCR** Wendeplatten.




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | DCON | DMIN | LF | OHN | CDX | H | WF | | | |
| AIKT-IGE-R/L-10-2-T3-H | ● | ○ | 10 | 11.5 | 125 | 25 | 3 | 9 | 8.3 | GEPI - 2<br>GEPI 1.57 | 3008-M3x8 | 82-T08 |
| AIKT-IGE-R/L-16-2-T3-D11.5 | ● | ○ | 16 | 11.5 | 125 | 20 | 3 | 14.8 | 11.1 | | 1315-M4x11 | |
| AIKT-IGE-R/L-16-2-T3-D11.5-H | ● | ○ | 16 | 11 | 125 | 22 | 3 | 14.8 | 11 | | | |
| AIKT-IGE-R/L-16-2-T2.5-H | ● | ● | 16 | 13 | 125 | 20 | 2.5 | 14.8 | 10.5 | | | |
| AIKT-IGE-R/L-20-2-T4-H | ● | ○ | 20 | 20 | 170 | 41 | 4 | 18.3 | 14 | | | 82-T15 |
| AIKT-IGE-R/L-16-3-T2.5-H | ● | ○ | 16 | 13 | 125 | 20 | 2.5 | 14.8 | 10.5 | GEPI - 3 | | 80-T15 |
| AIKT-IGE-R/L-16-3-T2.5-D20 | ● | ○ | 16 | 20 | 125 | 28 | 2.5 | 14.8 | 10.5 | | | |

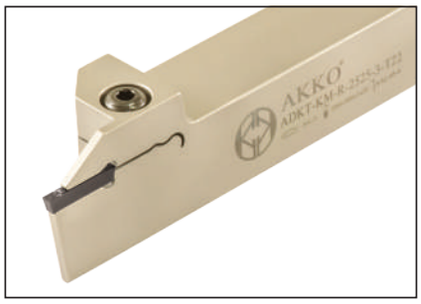


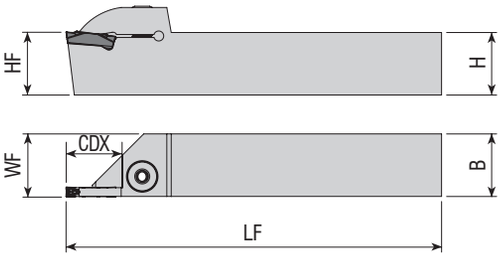

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel* | Anahtar *Allen Key* *Innensechskantschlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | DCON | DMIN | LF | OHN | CDX | H | WF | | |  | |
| AIKT-IGI-R/L-20-3-T4 | ● | ● | 20 | 20 | 170 | 25 | 4 | 18.3 | 14.5 | GIMIY / GIPI - 3 | 1020-M5x14 | 80-T20 | |
| AIKT-IGI-R/L-25-3-T5 | ● | ● | 25 | 23 | 200 | 30 | 5 | 23 | 17 | | 2504-M5x16 | AAL-05-4 | |
| AIKT-IGI-R/L-32-3-T5 | ● | ● | 32 | 31 | 250 | 30 | 5 | 30 | 21 | | | | |
| AIKT-IGI-R/L-40-3-T5 | ● | ○ | 40 | 50 | 300 | 50 | 5 | 37.5 | 25 | | 2004-M8x1x20 | | |
| AIKT-IGI-R/L-20-4-T4 | ● | ● | 20 | 20 | 170 | 25 | 4 | 18.3 | 14.5 | GIMIY / GIPI - 4 | 1020-M5x14 | 80-T20 | |
| AIKT-IGI-R/L-25-5-T10 | ● | ○ | 25 | 32 | 200 | 25 | 10 | 23 | 22.5 | GIMIY / GIPI - 5 | 2504-M5x16 | AAL-05-4 | |
| AIKT-IGI-R/L-25-5-T10-H | ● | ○ | 25 | 32 | 200 | 25 | 10 | 23 | 22.5 | | | | |
| AIKT-IGI-R/L-25-5-T15 | ● | ○ | 25 | 37 | 200 | 25 | 15 | 23 | 27.5 | | | | |
| AIKT-IGI-R/L-25-5-T15-H | ● | ○ | 25 | 37 | 200 | 25 | 15 | 23 | 27.5 | | | | |

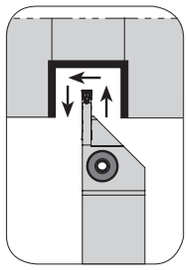
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**ISCR** Ucuna Uygundur. / Compatible with **ISCR** Insert. / Kompatibel mit **ISCR** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AIKT-IGE-R-10-2-T3-H

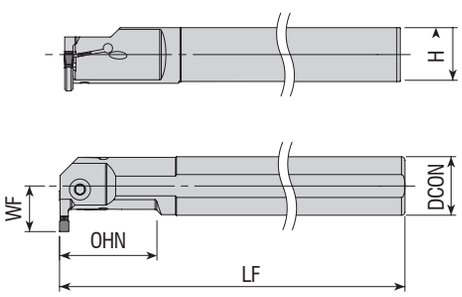
**KNMTL** Ucuna Uygundur. / Compatible with **KNMTL** Insert. / Kompatibel mit **KNMTL** Wendeplatten.

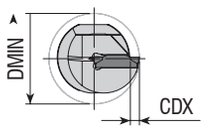


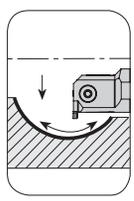


| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Pul *Stamp* *Ring* | Anahtar *Allen Key* Innensechskantschlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | HF=H | B | LF | WF | CDX | | | | |
| **ADKT-KM-R/L-2020-2-T15** | ● | ● | 20 | 20 | 125 | 20.3 | 15 | **A4. - 2** | AKV-02-M6x22 | ABPL-01 | AAL-03-3 |
| **ADKT-KM-R/L-2525-2-T15** | ● | ● | 25 | 25 | 150 | 25.3 | 15 | | | | |
| **ADKT-KM-R/L-2020-3-T20** | ● | ● | 20 | 20 | 125 | 20.4 | 20 | **A4. - 3** | 2004-M8x1x20 | - | AAL-05-4 |
| **ADKT-KM-R/L-2525-3-T22** | ● | ● | 25 | 25 | 150 | 25.4 | 22 | | | | |
| **ADKT-KM-R/L-2525-4-T22** | ● | ● | 25 | 25 | 150 | 25.5 | 22 | **A4. - 4** | | | |



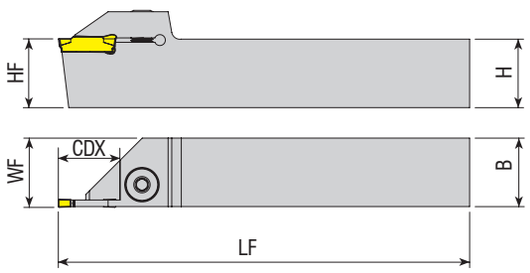



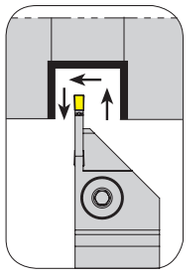
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Anahtar *Allen Key* Innensechskantschlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | DCON | DMIN | LF | OHN | CDX | H | WF | | | |
| **AIKT-KM-R/L-20-2-T7** | ● | ● | 20 | 25 | 170 | 40 | 7 | 18.3 | 13 | **A4. - 2** | 2503-M4x12 | AAL-03-3 |
| **AIKT-KM-R/L-20-3-T7** | ● | ○ | 20 | 25 | 170 | 40 | 7 | 18.3 | 13 | **A4. - 3** | 2504-M5x12 | AAL-05-4 |
| **AIKT-KM-R/L-25-3-T10** | ● | ● | 25 | 32 | 200 | 50 | 10 | 23 | 17 | | 2505-M6x16 | AAL-07-5 |
| **AIKT-KM-R/L-32-3-T12** | ● | ● | 32 | 40 | 250 | 64 | 12 | 30 | 22 | | | |
| **AIKT-KM-R/L-40-3-T12** | ● | ● | 40 | 48 | 300 | 80 | 12 | 37.5 | 27 | | 2505-M6x20 | |
| **AIKT-KM-R/L-20-4-T7** | ● | ○ | 20 | 25 | 170 | 40 | 7 | 18.3 | 13 | **A4. - 4** | 2504-M5x12 | AAL-05-4 |
| **AIKT-KM-R/L-32-4-T12.2-H** | ● | ○ | 32 | 40 | 190 | 104 | 12.2 | 31 | 22 | | 2504-M5x14 | |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**KNMTL** Ucuna Uygundur. / Compatible with **KNMTL** Insert. / Kompatibel mit **KNMTL** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ADKT-KM-R-2020-2-T15

**KRLY** Ucuna Uygundur. / Compatible with **KRLY** Insert. / Kompatibel mit **KRLY** Wendeplatten.



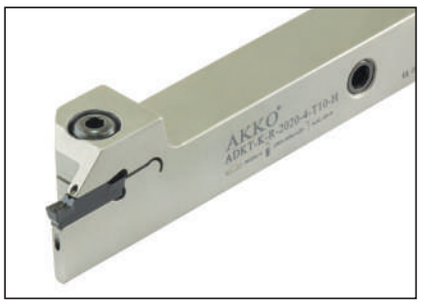



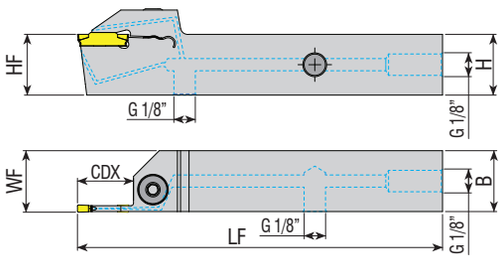
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Sıkma Vidası *Screw* *Klemmschraube* | Pul *Stamp* *Ring* | Anahtar *Allen Key* Innensechskantschlüssel |
| | R | L | HF=H | B | LF | WF | CDX | | | | |
| ADKT-K-R/L-1212-1.5-T15 | ● | ● | 12 | 12 | 100 | 12.2 | 15 | MGM. - 1.5 | AKV-02-M6x22 | ABPL-01 | AAL-03-3 |
| ADKT-K-R/L-2020-1.5-T15 | ● | ● | 20 | 20 | 125 | 20.2 | 15 | | | | |
| ADKT-K-R/L-1212-2-T15 | ● | ● | 12 | 12 | 100 | 16.3 | 15 | MGM. - 2 | | | |
| ADKT-K-R/L-1616-2-T10 | ● | ● | 16 | 16 | 125 | 16.3 | 10 | | | | |
| ADKT-K-R/L-1616-2-T15 | ● | ● | 16 | 16 | 125 | 16.3 | 15 | | | | |
| ADKT-K-R/L-2020-2-T15 | ● | ● | 20 | 20 | 150 | 20.3 | 15 | | | | |
| ADKT-K-R/L-2525-2-T15 | ● | ● | 25 | 25 | 150 | 25.3 | 15 | | | | |
| ADKT-K-R/L-3232-2-T15 | ● | ● | 32 | 32 | 170 | 32.3 | 15 | | | | |
| ADKT-K-R/L-1212-3-T15 | ● | ● | 12 | 12 | 100 | 12.3 | 15 | MGM. - 3 | 2004-M8x1x20 | - | AAL-05-4 |
| ADKT-K-R/L-1616-3-T7 | ● | ● | 16 | 16 | 125 | 16.3 | 7 | | | | |
| ADKT-K-R/L-1616-3-T15 | ● | ● | 16 | 16 | 125 | 16.3 | 15 | | | | |
| ADKT-K-R/L-2020-3-T10 | ● | ● | 20 | 20 | 125 | 20.3 | 10 | | | | |
| ADKT-K-R/L-2020-3-T20 | ● | ● | 20 | 20 | 125 | 20.3 | 20 | | | | |
| ADKT-K-R/L-2020-3-R28 | ● | ● | 20 | 20 | 125 | 20.3 | 28 | | | | |
| ADKT-K-R/L-2525-3-T10 | ● | ● | 25 | 25 | 150 | 25.3 | 10 | | | | |
| ADKT-K-R/L-2525-3-R15 | ● | ● | 25 | 25 | 150 | 25.3 | 15 | | | | |
| ADKT-K-R/L-2525-3-T22 | ● | ● | 25 | 25 | 150 | 25.3 | 22 | | | | |
| ADKT-K-R/L-2525-3-T30 | ● | ● | 16 | 16 | 150 | 25.3 | 30 | | | | |
| ADKT-K-R/L-3232-3-T10 | ● | ● | 32 | 32 | 170 | 32.3 | 10 | | | | |
| ADKT-K-R/L-3232-3-T22 | ● | ● | 32 | 32 | 170 | 32.3 | 22 | | | | |
| ADKT-K-R/L-2020-4-T10 | ● | ● | 20 | 20 | 125 | 20.4 | 10 | MGM. - 4 | | | |
| ADKT-K-R/L-2020-4-T20 | ● | ● | 20 | 20 | 125 | 20.4 | 20 | | | | |
| ADKT-K-R/L-2020-4-R25 | ● | ○ | 20 | 20 | 125 | 20.4 | 25 | | | | |
| ADKT-K-R/L-2525-4-T10 | ● | ● | 25 | 25 | 150 | 25.4 | 10 | | | | |
| ADKT-K-R/L-2525-4-T18 | ● | ● | 25 | 25 | 150 | 25.4 | 18 | | | | |
| ADKT-K-R/L-2525-4-T22 | ● | ● | 25 | 25 | 150 | 25.4 | 22 | | | | |
| ADKT-K-R/L-3232-4-T10 | ● | ● | 32 | 32 | 170 | 32.4 | 10 | | | | |
| ADKT-K-R/L-3232-4-T22 | ● | ● | 32 | 32 | 170 | 32.4 | 22 | | | | |
| ADKT-K-R/L-2020-5-T20 | ● | ● | 20 | 20 | 125 | 20.5 | 20 | MGM. - 5 | | | |
| ADKT-K-R/L-2525-5-T15 | ● | ● | 25 | 25 | 150 | 25.5 | 15 | | | | |
| ADKT-K-R/L-2525-5-T18 | ● | ● | 25 | 25 | 150 | 25.5 | 18 | | | | |
| ADKT-K-R/L-2525-5-T25 | ● | ● | 25 | 25 | 150 | 25.5 | 25 | | | | |
| ADKT-K-R/L-3232-5-T15 | ● | ● | 32 | 32 | 170 | 32.5 | 15 | | | | |
| ADKT-K-R/L-3232-5-T25 | ● | ● | 32 | 32 | 170 | 32.5 | 25 | | | | |
| ADKT-K-R/L-2525-6-T15 | ● | ● | 25 | 25 | 150 | 25.6 | 15 | MGM. - 6 | | | |
| ADKT-K-R/L-2525-6-T25 | ● | ● | 25 | 25 | 150 | 25.6 | 25 | | | | |
| ADKT-K-R/L-3232-6-T25 | ● | ● | 32 | 32 | 170 | 32.6 | 25 | | | | |
| ADKT-K-R/L-3232-8-T32 | ● | ● | 32 | 32 | 170 | 32.8 | 32 | MGM. - 8 | | | |

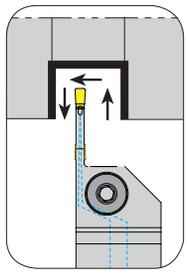
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**KRLY** Ucuna Uygundur. / Compatible with **KRLY** Insert. / Kompatibel mit **KRLY** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ADKT-K-R-1212-1.5-T15

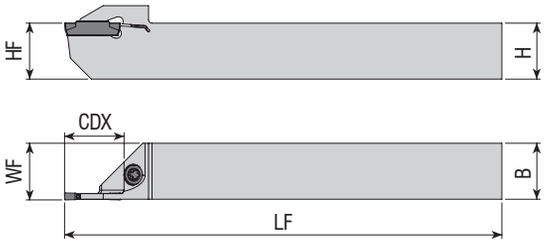
**KRLY** Ucuna Uygundur. / Compatible with **KRLY** Insert. / Kompatibel mit **KRLY** Wendeplatten.

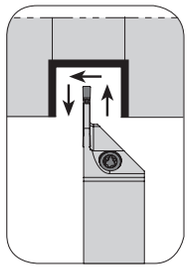




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Sıkma Vidası *Screw* *Klemmschraube* | Pul *Stamp* *Ring* | Anahtar *Allen Key* Innensechskantschlüssel |
| | R | L | HF=H | B | LF | WF | CDX | | | | |
| ADKT-K-R/L-1616-2-T10-H | ● | ○ | 16 | 16 | 125 | 16.2 | 10 | MGM. -2 | AKV-02-M6x22 | ABPL-01 | AAL-03-3 |
| ADKT-K-R/L-1616-3-T15-H | ● | ○ | 16 | 16 | 125 | 16.3 | 15 | MGM. -3 | 2004-M8x1x20 | - | AAL-05-4 |
| ADKT-K-R/L-2020-3-R22-H | ○ | ● | 20 | 20 | 125 | 20.3 | 22 | | | | |
| ADKT-K-R/L-2020-3-T20-H | ● | ● | 20 | 20 | 125 | 20.4 | 20 | | | | |
| ADKT-K-R/L-2525-3-T22-H | ● | ● | 25 | 25 | 150 | 25.4 | 22 | | | | |
| ADKT-K-R/L-2020-4-T20-H | ● | ● | 20 | 20 | 125 | 20.4 | 20 | MGM. -4 | | | |
| ADKT-K-R/L-2525-4-T22-H | ● | ● | 25 | 25 | 150 | 25.4 | 22 | | | | |
| ADKT-K-R/L-2525-5-T25-H | ● | ● | 25 | 25 | 150 | 25.5 | 25 | MGM. -4 | | | |



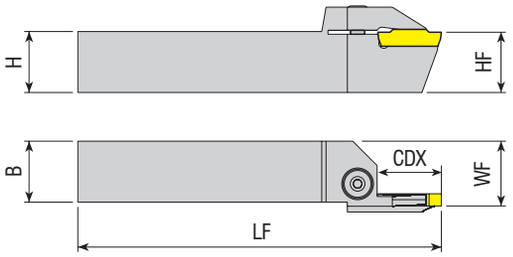



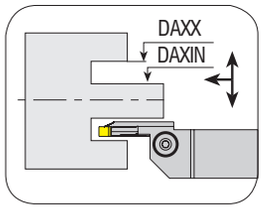
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Sıkma Vidası *Screw* *Klemmschraube* | Pul *Stamp* *Ring* | Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel* |
| | R | L | HF=H | B | LF | WF | CDX | | | | |
| ADKT-K-R/L-1212-2-R12-K-S | ● | ● | 12 | 12 | 125 | 12.20 | 12 | MGM. - 2 | 4015-M4x11 | - | 80-T15 |
| ADKT-K-R/L-1616-2-R16-K-S | ● | ● | 16 | 16 | 125 | 16.20 | 16 | | | | |
| ADKT-K-R/L-1212-3-R12-K-S | ● | ● | 12 | 12 | 125 | 12.30 | 12 | MGM. - 3 | | | |
| ADKT-K-R/L-1616-3-R16-K-S | ● | ● | 16 | 16 | 125 | 16.30 | 16 | | | | |

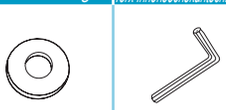
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**KRLY** Ucuna Uygundur. / Compatible with **KRLY** Insert. / Kompatibel mit **KRLY** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ADKT-K-R/L-1616-2-T10-H

**KRLY** Ucuna Uygundur. / Compatible with **KRLY** Insert. / Kompatibel mit **KRLY** Wendeplatten.



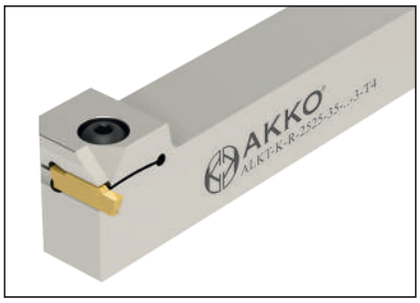

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | Sıkma Vidası *Screw* *Klemmschraube* | Pul *Stamp* *Ring* | Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel* |
| | R | L | HF=H | B | LF | WF | CDX | DAXIN | DAXX | | |  |  |
| **AAKT-K-R/L-2525-34-45-3-T17** | ● | ● | 25 | 25 | 150 | 26.5 | 17 | 34 | 45 | **MGM. - 3** | 2004-M8x1x20 | - | AAL-05-4 |
| **AAKT-K-R/L-2525-39-55-3-T17** | ● | ● | 25 | 25 | 150 | 26.5 | 17 | 39 | 55 | | | | |
| **AAKT-K-R/L-2525-49-80-3-T17** | ● | ● | 25 | 25 | 150 | 26.5 | 17 | 49 | 80 | | | | |
| **AAKT-K-R/L-2525-70-110-3-T17** | ● | ● | 25 | 25 | 150 | 26.5 | 17 | 70 | 110 | | | | |
| **AAKT-K-R/L-2525-100-150-3-T17** | ● | ● | 25 | 25 | 150 | 26.5 | 17 | 100 | 150 | | | | |
| **AAKT-K-R/L-2525-80-180-3-T32** | ● | ● | 25 | 25 | 150 | 26.5 | 32 | 80 | 180 | | | | |
| **AAKT-K-R/L-2525-175-215-3-T22** | ● | ● | 25 | 25 | 150 | 26.5 | 22 | 175 | 215 | | | | |
| **AAKT-K-R/L-2525-700-800-3-T17** | ● | ● | 25 | 25 | 150 | 26.5 | 17 | 700 | 800 | | | | |
| **AAKT-K-R/L-3232-140-450-3-T17** | ● | ● | 32 | 32 | 170 | 33.5 | 17 | 140 | 450 | | | | |
| **AAKT-K-R/L-2525-50-85-4-T22** | ● | ● | 25 | 25 | 150 | 26.5 | 22 | 50 | 85 | **MGM. - 4** | | | |
| **AAKT-K-R/L-2525-70-110-4-T22** | ● | ● | 25 | 25 | 150 | 26.5 | 22 | 70 | 110 | | | | |
| **AAKT-K-R/L-2525-100-150-4-T22** | ● | ● | 25 | 25 | 150 | 26.5 | 22 | 100 | 150 | | | | |
| **AAKT-K-R/L-2525-80-180-4-T32** | ● | ● | 25 | 25 | 150 | 26.5 | 32 | 80 | 180 | | | | |
| **AAKT-K-R/L-2525-180-800-4-T32** | ● | ● | 25 | 25 | 150 | 26.5 | 32 | 180 | 800 | | | | |
| **AAKT-K-R/L-2525-70-110-5-T25** | ● | ● | 25 | 25 | 150 | 26.5 | 25 | 70 | 110 | **MGM. - 5** | | | |
| **AAKT-K-R/L-2525-100-150-5-T25** | ● | ● | 25 | 25 | 150 | 26.5 | 25 | 100 | 150 | | | | |
| **AAKT-K-R/L-2525-100-200-5-T45** | ● | ● | 25 | 25 | 150 | 26.5 | 45 | 100 | 200 | | | | |
| **AAKT-K-R/L-2525-80-180-5-T32** | ● | ● | 25 | 25 | 150 | 26.5 | 32 | 80 | 180 | | | | |
| **AAKT-K-R/L-2525-140-200-5-T25** | ● | ○ | 25 | 25 | 150 | 26.5 | 25 | 140 | 200 | | | | |
| **AAKT-K-R/L-2525-180-800-5-T32** | ● | ● | 25 | 25 | 150 | 26.5 | 32 | 180 | 800 | | | | |
| **AAKT-K-R/L-2525-180-800-5-T40** | ● | ○ | 25 | 25 | 150 | 26.5 | 40 | 180 | 800 | | | | |
| **AAKT-K-R/L-2525-60-100-6-T25** | ● | ○ | 25 | 25 | 150 | 26.5 | 25 | 60 | 100 | **MGM. - 6** | | | |
| **AAKT-K-R/L-2525-60-100-6-T35** | ● | ○ | 25 | 25 | 150 | 26.5 | 35 | 60 | 100 | | | | |
| **AAKT-K-R/L-2525-100-200-6-T25** | ● | ○ | 25 | 25 | 150 | 26.5 | 25 | 100 | 200 | | | | |
| **AAKT-K-R/L-2525-100-200-6-T35** | ● | ● | 25 | 25 | 150 | 26.5 | 35 | 100 | 200 | | | | |
| **AAKT-K-R/L-2525-100-200-6-T45** | ● | ○ | 25 | 25 | 150 | 26.5 | 45 | 100 | 200 | | | | |
| **AAKT-K-R/L-2525-140-300-6-T35** | ● | ● | 25 | 25 | 150 | 26.5 | 35 | 140 | 300 | | | | |
| **AAKT-K-R/L-2525-180-360-6-T40** | ● | ○ | 25 | 25 | 150 | 26.5 | 40 | 180 | 360 | | | | |
| **AAKT-K-R-3232-140-800-6-T25** | ○ | ○ | 32 | 32 | 170 | 33.5 | 25 | 140 | 800 | | | | |
| **AAKT-K-R-3232-180-800-6-T41** | ○ | ○ | 32 | 32 | 170 | 33.5 | 41 | 180 | 800 | | | | |
| **AAKT-K-R-3232-400-500-6-T25** | ● | ○ | 32 | 32 | 170 | 33.5 | 25 | 400 | 500 | | | | |
| **AAKT-K-R/L-2525-140-300-8-T35** | ● | ○ | 25 | 25 | 150 | 26.5 | 35 | 140 | 300 | **MGM. - 8** | | | |
| **AAKT-K-R/L-3232-140-350-8-T35** | ● | ○ | 32 | 32 | 150 | 33.5 | 35 | 140 | 350 | | | | |

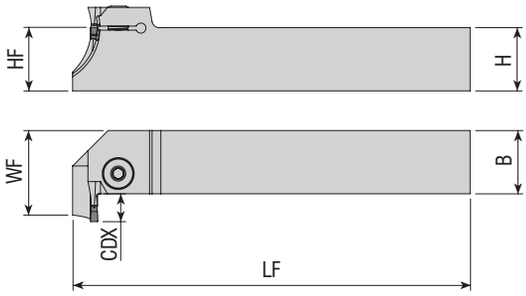
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

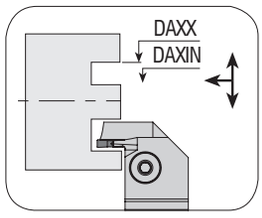
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AAKT-K-R-2525-34-45-3-T17

**KRLY** Ucuna Uygundur. / Compatible with **KRLY** Insert. / Kompatibel mit **KRLY** Wendeplatten.

**KRLY** Ucuna Uygundur. / Compatible with **KRLY** Insert. / Kompatibel mit **KRLY** Wendeplatten.



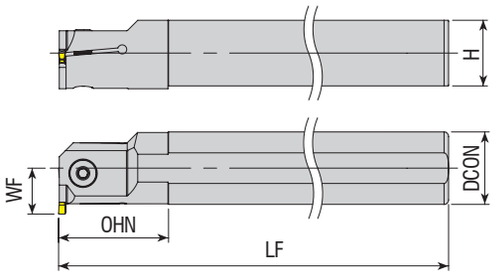




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Anahtar *Allen Key* Innensechskantschlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | HF=H | B | LF | WF | CDX | DAXIN | DAXX | | | |
| ALKT-K-R/L-2525-35-..-3-T4 | ● | ● | 25 | 25 | 150 | 30 | 5 | 35 | - | **MGM. - 3** | 2004-M8x1x20 | AAL-05-4 |
| ALKT-K-R/L-2525-35-45-3-T15 | ● | ● | 25 | 25 | 150 | 41 | 16 | 35 | 45 | | | |
| ALKT-K-R/L-2525-40-..-4-T4 | ● | ● | 25 | 25 | 150 | 30 | 5 | 40 | - | **MGM. - 4** | | |
| ALKT-K-R/L-2525-40-60-4-T15 | ● | ● | 25 | 25 | 150 | 41 | 16 | 40 | 60 | | | |

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ALKT-K-R-2525-35-45-3-T15

**KRLY** Ucuna Uygundur. / Compatible with **KRLY** Insert. / Kompatibel mit **KRLY** Wendeplatten.

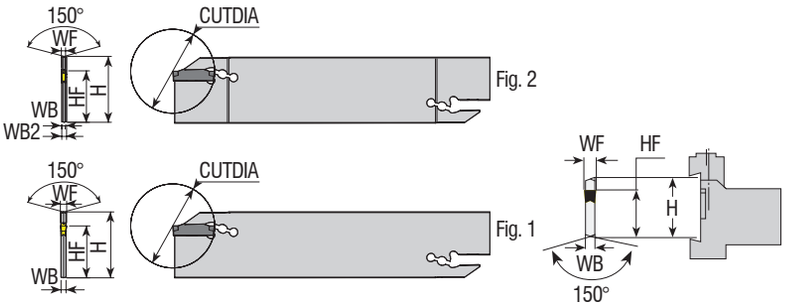



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Anahtar *Allen Key* Innensechskantschlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | DCON | DMIN | LF | OHN | CDX | H | WF | | | |
| AIKT-K-R/L-16-2-T4 | ● | ● | 16 | 21 | 150 | 28 | 4 | 14.8 | 12 | **MGM. - 2** | 2503-M4x10 | AAL-03-3 |
| AIKT-K-R/L-20-2-T4 | ● | ● | 20 | 25 | 170 | 30 | 4 | 18.3 | 14 | | 2503-M4x12 | |
| AIKT-K-R/L-25-2-T6 | ● | ● | 25 | 32 | 200 | 40 | 6 | 23 | 18.5 | | 2504-M5x12 | |
| AIKT-K-R/L-16-3-T7 | ● | ● | 16 | 25 | 150 | 28 | 7 | 14.8 | 15 | **MGM. - 3** | 2503-M4x12 | |
| AIKT-K-R/L-20-3-T6 | ● | ● | 20 | 27 | 170 | 30 | 6 | 18.3 | 16 | | 2504-M5x12 | |
| AIKT-K-R/L-20-3-T7 | ● | ● | 20 | 25 | 170 | 38 | 7 | 18.3 | 13 | | 2504-M5x16 | |
| AIKT-K-R/L-25-3-T6 | ● | ● | 25 | 32 | 200 | 40 | 6 | 23 | 18.5 | | | |
| AIKT-K-R/L-25-3-T10 | ● | ● | 25 | 32 | 200 | 48 | 10 | 23 | 17 | | 2004-M8x1x20 | |
| AIKT-K-R/L-32-3-T6 | ● | ● | 32 | 39 | 250 | 50 | 6 | 30 | 22 | | | |
| AIKT-K-R/L-32-3-T12 | ● | ● | 32 | 39 | 250 | 53 | 12 | 30 | 22 | | | |
| AIKT-K-R/L-40-3-T6 | ● | ● | 40 | 47 | 300 | 55 | 6 | 37.5 | 26 | | | |
| AIKT-K-R/L-40-3-T12 | ● | ○ | 40 | 48 | 300 | 63 | 12 | 37.5 | 27 | | | |
| AIKT-K-R/L-20-4-T6 | ● | ● | 20 | 27 | 170 | 30 | 6 | 18.3 | 16 | **MGM. - 4** | 2504-M5x12 | AAL-05-4 |
| AIKT-K-R/L-20-4-T7 | ● | ○ | 20 | 25 | 170 | 38 | 7 | 18.3 | 13 | | 2504-M5x16 | |
| AIKT-K-R/L-25-4-T6 | ● | ● | 25 | 32 | 200 | 40 | 6 | 23 | 18.5 | | | |
| AIKT-K-R/L-25-4-T10 | ● | ● | 25 | 32 | 200 | 49 | 10 | 23 | 17 | | 2004-M8x1x20 | |
| AIKT-K-R/L-32-4-T6 | ● | ● | 32 | 39 | 250 | 50 | 6 | 30 | 22 | | | |
| AIKT-K-R/L-32-4-T12 | ● | ● | 32 | 39 | 250 | 53 | 12 | 30 | 22 | | | |
| AIKT-K-R/L-40-4-T6 | ● | ● | 40 | 47 | 300 | 55 | 6 | 37.5 | 26 | | | |
| AIKT-K-R/L-40-4-T12 | ● | ● | 40 | 48 | 300 | 63 | 12 | 37.5 | 27 | | | |
| AIKT-K-R/L-25-5-T7 | ● | ● | 25 | 33 | 200 | 40 | 7 | 23 | 19.5 | **MGM. - 5** | 2504-M5x16 | |
| AIKT-K-R/L-32-5-T7 | ● | ● | 32 | 40 | 250 | 50 | 7 | 30 | 23 | | 2004-M8x1x20 | |
| AIKT-K-R/L-40-5-T7 | ● | ● | 40 | 48 | 300 | 55 | 7 | 37.5 | 27 | | | |
| AIKT-K-R/L-40-5-T12 | ● | ○ | 40 | 48 | 300 | 63 | 12 | 37.5 | 27 | | | |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock */Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**KRLY** Ucuna Uygundur. / Compatible with **KRLY** Insert. / Kompatibel mit **KRLY** Wendeplatten.

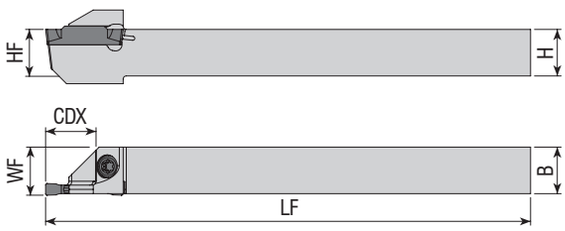
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AIKT-K-R-16-2-T4

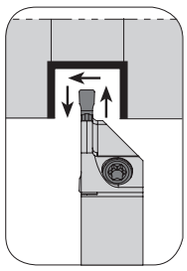
**KRLY** Ucuna Uygundur. / Compatible with **KRLY** Insert. / Kompatibel mit **KRLY** Wendeplatten.




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* *Ersatzteile* Anahtar *Allen Key* Innensechskantschlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | H | WF | WB2 | WB | I | HF | CUTDIA | Fig. | | |
| **AKL-K-32-2** | ● | 32 | 2 | 2.40 | 1.60 | 150 | 25 | 32 | 2 | **MGM.-2** | ALA-02 |
| **AKL-K-32-3** | ● | 32 | 3 | - | 2.40 | 150 | 25 | 42 | 1 | **MGM.-3** | |
| **AKL-K-32-4** | ● | 32 | 4 | - | 3.20 | 150 | 25 | 42 | 1 | **MGM.-4** | |

Blok bilgileri için sayfa 175'e gidin. / For block information, go to page 175. / Informationen zu den spannblock finden Sie auf Seite 175.



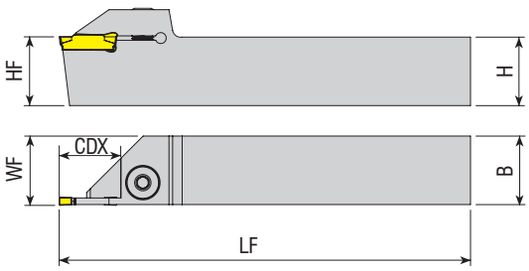
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Pul *Stamp* *Ring* | Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | HF=H | B | LF | WF | CDX | | | | |
| **ADKT-KG-R/L-1010-2-R10-K-S** | ● | ○ | 10 | 10 | 125 | 10.2 | 10 | **KG. - 2** | AKV-02-M6x22 | ABPL-01 | AAL-03-3 |
| **ADKT-KG-R/L-1212-2-R12-K-S** | ● | ● | 12 | 12 | 125 | 12.2 | 12 | | 4015-M4x11 | - | 80-T15 |
| **ADKT-KG-R/L-1616-2-R16-K-S** | ● | ● | 16 | 16 | 125 | 16.2 | 16 | | | | |
| **ADKT-KG-R/L-1212-3-R12-K-S** | ● | ● | 12 | 12 | 125 | 12.3 | 12 | **KG. - 3** | | | |
| **ADKT-KG-R/L-1616-3-R16-K-S** | ● | ● | 16 | 16 | 125 | 16.3 | 16 | | | | |

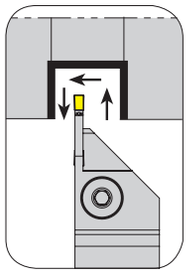
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

**KRLY** Ucuna Uygundur. / Compatible with **KRLY** Insert. / Kompatibel mit **KRLY** Wendeplatten.

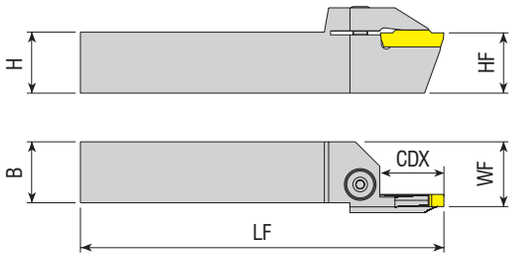
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AKL-K-32-2

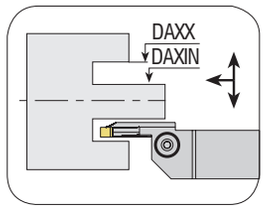
**KRLY** Ucuna Uygundur. / Compatible with **KRLY** Insert. / Kompatibel mit **KRLY** Wendeplatten.

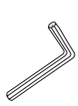


| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Pul *Stamp* *Ring* | Anahtar *Allen Key* Innensechskantschlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | HF=H | B | LF | WF | CDX | | | | |
| ADKT-KG-R/L-2020-2-T15 | ● | ● | 20 | 20 | 125 | 20.2 | 15 | KG.. - 2 | AKV-02-M6x22 | ABPL-01 | AAL-03-3 |
| ADKT-KG-R/L-2525-2-T8 | ● | ● | 25 | 25 | 150 | 25.2 | 8 | | | | |
| ADKT-KG-R/L-2525-2-T15 | ● | ○ | 25 | 25 | 150 | 25.2 | 15 | | | | |
| ADKT-KG-R/L-2525-2-T17 | ● | ○ | 25 | 25 | 150 | 25.2 | 17 | | | | |
| ADKT-KG-R/L-1616-3-T20 | ● | ● | 16 | 16 | 125 | 16.3 | 20 | KG.. - 3 | 2004-M8x1x20 | - | AAL-05-4 |
| ADKT-KG-R/L-2020-3-T20 | ● | ● | 20 | 20 | 125 | 20.3 | 20 | | | | |
| ADKT-KG-R/L-2525-3-T10 | ● | ● | 25 | 25 | 150 | 25.3 | 10 | | | | |
| ADKT-KG-R/L-2525-3-T13 | ● | ● | 25 | 25 | 150 | 25.3 | 13 | | | | |
| ADKT-KG-R/L-2525-3-T22 | ● | ● | 25 | 25 | 150 | 25.3 | 22 | | | | |
| ADKT-KG-R/L-2020-4-T20 | ● | ● | 20 | 20 | 125 | 20.4 | 20 | KG.. - 4 | | | |
| ADKT-KG-R/L-2525-4-T10 | ● | ● | 25 | 25 | 150 | 25.4 | 10 | | | | |
| ADKT-KG-R/L-2525-4-T16 | ● | ○ | 25 | 25 | 150 | 25.4 | 16 | | | | |
| ADKT-KG-R/L-2525-4-T22 | ● | ○ | 25 | 25 | 150 | 25.4 | 22 | | | | |
| ADKT-KG-R/L-2525-5-T12 | ● | ● | 25 | 25 | 150 | 25.5 | 12 | KG.. - 5 | | | |
| ADKT-KG-R/L-2525-5-T15 | ● | ● | 25 | 25 | 150 | 25.5 | 15 | | | | |
| ADKT-KG-R/L-2525-5-T25 | ● | ○ | 25 | 25 | 150 | 25.5 | 25 | | | | |
| ADKT-KG-R/L-2525-6-T25 | ○ | ○ | 25 | 25 | 150 | 25.6 | 25 | KG.. - 6 | | | |



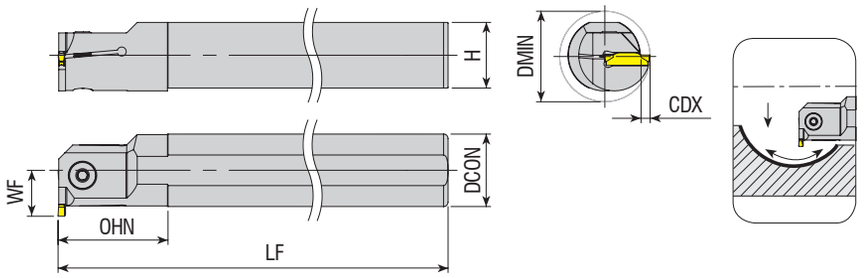




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Pul *Stamp* *Ring* | Anahtar *Allen Key* Innensechskantschlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | HF=H | B | LF | WF | CDX | DAXIN | DAXX | | | |  |
| AAKT-KG-R/L-2525-44-70-4-T22 | ○ | ○ | 25 | 25 | 150 | 26.5 | 22 | 44 | 70 | KG.. - 4 | 2004-M8x1x20 | - | AAL-05-4 |
| AAKT-KG-R/L-2525-60-120-4-T22 | ○ | ○ | 25 | 25 | 150 | 26.5 | 22 | 60 | 120 | | | | |
| AAKT-KG-R/L-2525-112-200-4-T22 | ○ | ○ | 25 | 25 | 150 | 26.5 | 22 | 112 | 200 | | | | |

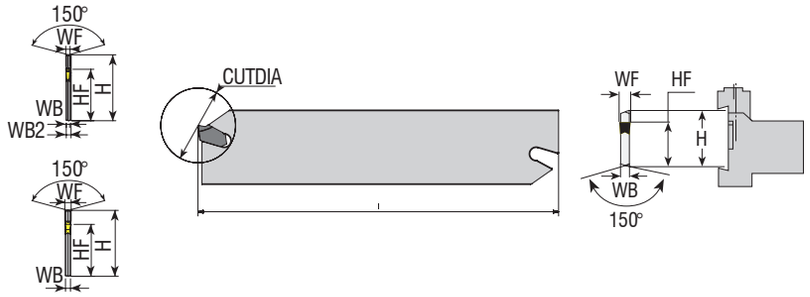
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**KRLY** Ucuna Uygundur. / Compatible with **KRLY** Insert. / Kompatibel mit **KRLY** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ADKT-KG-R-2020-2-T15

**KRLY** Ucuna Uygundur. / Compatible with **KRLY** Insert. / Kompatibel mit **KRLY** Wendeplatten.




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Anahtar *Allen Key* Innensechskantschlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | DCON | DMIN | LF | OHN | CDX | H | WF | | | |
| **AIKT-KG-R/L-25-2-T7** | ● | ● | 25 | 33 | 200 | 40 | 7 | 23 | 19.5 | **KG.. - 2** | 2504-M5x12 | AAL-05-4 |
| **AIKT-KG-R/L-20-3-T6.5-H** | ● | ○ | 20 | 27.5 | 170 | 30 | 6.5 | 18.3 | 16.5 | **KG.. - 3** | 2504-M5x16 | |
| **AIKT-KG-R/L-25-3-T7** | ○ | ○ | 25 | 33 | 200 | 40 | 7 | 23 | 19.5 | | | |
| **AIKT-KG-R/L-40-3-T8** | ● | ○ | 40 | 50 | 300 | 55 | 8 | 37.5 | 28 | | 2004-M8x1x20 | |
| **AIKT-KG-R/L-25-4-T8** | ● | ● | 25 | 34 | 200 | 40 | 8 | 23 | 20.5 | **KG.. - 4** | 2504-M5x16 | |




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* *Ersatzteile* Anahtar *Allen Key* Innensechskantschlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | H | WF | WB2 | WB | I | HF | CUTDIA | Fig. | | |
| **AKL-SP-26-2** | ● | 26 | 2 | - | 1.60 | 110 | 21 | - | 1 | **SP200N** | ALA-03 |
| **AKL-SP-26-3** | ● | 26 | 3 | - | 2.40 | 110 | 21 | - | 1 | **SP300N** | |
| **AKL-SP-32-3** | ● | 32 | 3 | - | 2.40 | 150 | 25 | - | 1 | | |
| **AKL-SP-32-4** | ● | 32 | 4 | - | 3.20 | 150 | 25 | - | 1 | **SP400N** | |

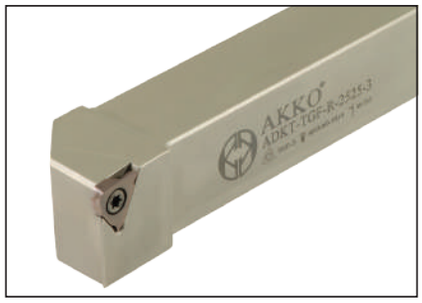
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

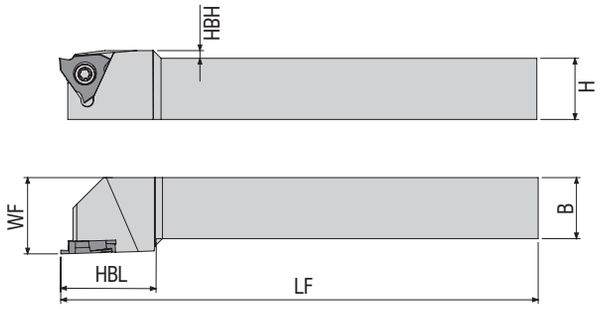
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AIKT-KG-R/L-25-2-T7

Blok bilgileri için sayfa 175'e gidin. / For block information, go to page 175. / Informationen zu den spannblock finden Sie auf Seite 175.

**KRLY** Ucuna Uygundur. / Compatible with **KRLY** Insert. / Kompatibel mit **KRLY** Wendeplatten.

**KYCR** Ucuna Uygundur. / Compatible with **KYCR** Insert. / Kompatibel mit **KYCR** Wendeplatten.

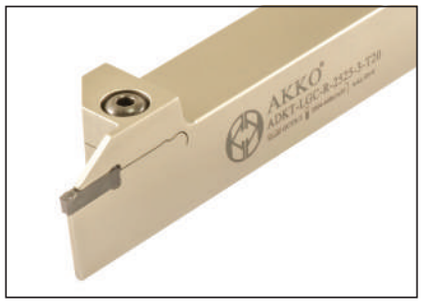


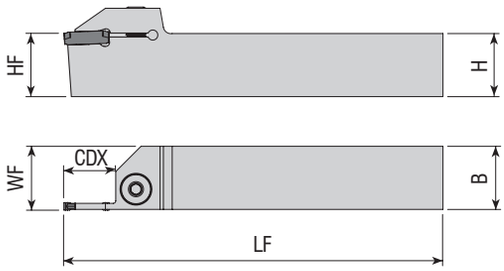


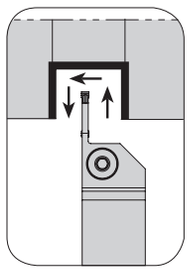

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Pul *Stamp* *Ring* | Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | HF=H | B | LF | WF | | | | |
| ADKT-TGF-R/L-1616-3 | ● | ○ | 16 | 16 | 125 | 20 | **TGF32L** | 4015-M3.5X10 | - | 80-T15 |
| ADKT-TGF-R/L-2020-3 | ● | ○ | 20 | 20 | 125 | 25 | | | | |
| ADKT-TGF-R/L-2525-3 | ● | ○ | 25 | 25 | 150 | 32 | | | | |

**KYCR** Ucuna Uygundur. / Compatible with **KYCR** Insert. / Kompatibel mit **KYCR** Wendeplatten.

**LMN** Ucuna Uygundur. / Compatible with **LMN** Insert. / Kompatibel mit **LMN** Wendeplatten.





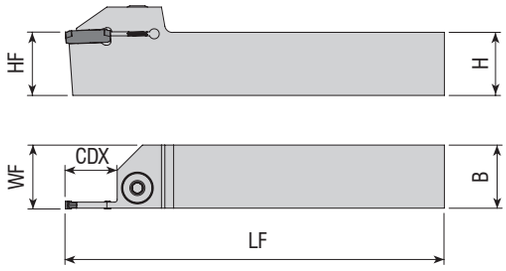



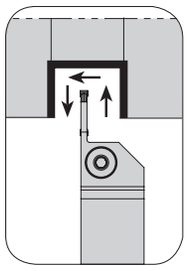
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Pul *Stamp* *Ring* | Anahtar *Allen Key* Innensechskantschlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | HF=H | B | LF | WF | CDX | | | | |
| ADKT-LGC-R/L-1616-2-D40 | ● | ● | 16 | 16 | 125 | 16.2 | 20 | **GCTX - 2** | AKV-02-M6x22 | ABPL-01 | AAL-03-3 |
| ADKT-LGC-R/L-2020-2-D40 | ● | ● | 20 | 20 | 125 | 20.2 | 20 | | | | |
| ADKT-LGC-R/L-2525-2-D40 | ● | ● | 25 | 25 | 150 | 25.2 | 20 | | | | |
| ADKT-LGC-R/L-1616-3-T20 | ● | ● | 16 | 16 | 125 | 16.3 | 20 | **GCTX - 3** | 2004-M8x1x20 | - | AAL-05-4 |
| ADKT-LGC-R/L-2020-3-T20 | ● | ● | 20 | 20 | 125 | 20.3 | 20 | | | | |
| ADKT-LGC-R/L-2525-3-T20 | ● | ● | 25 | 25 | 150 | 25.3 | 20 | | | | |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**LMN** Ucuna Uygundur. / Compatible with **LMN** Insert. / Kompatibel mit **LMN** Wendeplatten.

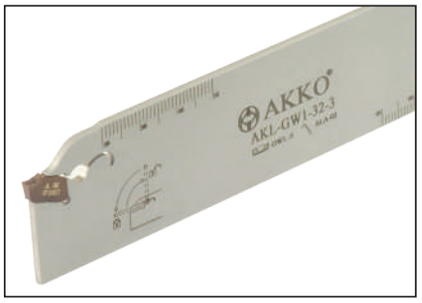
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ADKT-TGF-R-1616-3

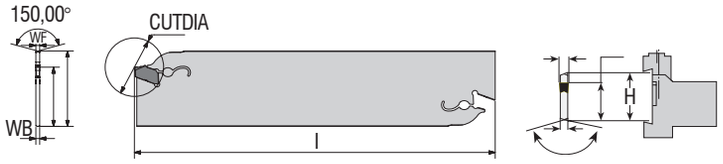
**MTSBH** Ucuna Uygundur. / Compatible with **MTSBH** Insert. / Kompatibel mit **MTSBH** Wendeplatten.



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Pul *Stamp* *Ring* | Anahtar *Allen Key* Innensechskantschlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | HF=H | B | LF | WF | CDX | | | | |
| ADKT-GY2-R/L-2525-2-R20 | ● | ○ | 25 | 25 | 150 | 25.2 | 20 | GY2M-0200 | AKV-02-M6X22 | ABPL-01 | AAL-03-3 |
| ADKT-GY2-R/L-2525-2.5-R6 | ● | ○ | 25 | 25 | 150 | 25.25 | 6 | GY2M-0250 | 2004-M8x1x20 | - | AAL-05-4 |
| ADKT-GY2-R/L-2525-3-R20 | ● | ○ | 25 | 25 | 150 | 25.3 | 20 | GY2M-0300 | | | |
| ADKT-GY2-R/L-2525-4-T25 | ● | ○ | 25 | 25 | 150 | 25.4 | 25 | GY2M-0400 | | | |
| ADKT-GY2-R/L-2525-5-T25 | ● | ○ | 25 | 25 | 150 | 25.5 | 25 | GY2M-0500 | | | |






| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* *Ersatzteile* Anahtar *Allen Key* Innensechskantschlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | H | WF | WB2 | WB | I | HF | CUTDIA | Fig. | | |
| AKL-GW1-32-2 | ● | 32 | 2 | 1.6 | - | 150 | 25 | 60 | 1 | GW1M0200D020N | ALA-02 |
| AKL-GW1-32-3 | ● | 32 | 3 | 2.4 | - | 150 | 25 | 60 | 1 | GW1M0300F030N | |
| AKL-GW1-32-4 | ● | 32 | 4 | 3.35 | - | 150 | 25 | 60 | 1 | GW1M0400G030N-GM | |

Blok bilgileri için sayfa 175'e gidin. / For block information, go to page 175. / Informationen zu den spannblock finden Sie auf Seite 175.

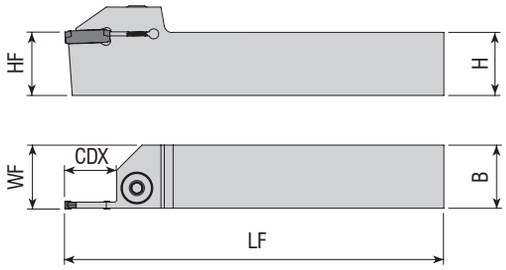
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*

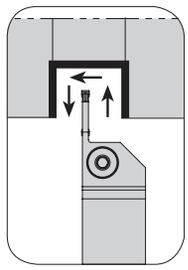
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ADKT-GY2-R-2525-2-R20

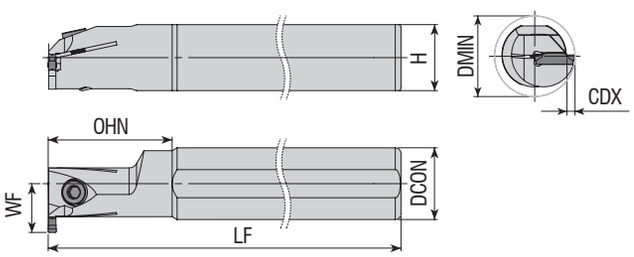
**MTSBH** Ucuna Uygundur. / Compatible with **MTSBH** Insert. / Kompatibel mit **MTSBH** Wendeplatten.

**PLBT** Ucuna Uygundur. / Compatible with **PLBT** Insert. / Kompatibel mit **PLBT** Wendeplatten.



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Pul *Stamp* *Ring* | Anahtar *Allen Key* Innensechskantschlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | HF=H | B | LF | WF | CDX | | | | |
| ADKT-GP-R/L-2020-2-T15 | ● | ● | 20 | 20 | 125 | 20.2 | 15 | **GP - 2** | AKV-02-M6x22 | ABPL-01 | AAL-03-3 |
| ADKT-GP-R/L-2525-2-T15 | ● | ● | 25 | 25 | 150 | 25.2 | 15 | | | | |
| ADKT-GP-R/L-2020-3-T20 | ● | ● | 20 | 20 | 125 | 20.3 | 20 | **GP - 3** | 2004-M8x1x20 | - | AAL-05-4 |
| ADKT-GP-R/L-2525-3-T22 | ● | ● | 25 | 25 | 150 | 25.3 | 22 | | | | |
| ADKT-GP-R/L-2525-4-T22 | ● | ● | 25 | 25 | 150 | 25.4 | 22 | **GP - 4** | | | |
| ADKT-GP-R/L-2525-5-T25 | ● | ● | 25 | 25 | 150 | 25.5 | 25 | **GP - 5** | | | |




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Anahtar *Allen Key* Innensechskantschlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | DCON | DMIN | LF | OHN | CDX | H | WF | | | |
| AIKT-GP-R/L-20-2-T4 | ● | ○ | 20 | 25 | 170 | 30 | 4 | 18.3 | 14.5 | **GP - 2** | 2503-M4x12 | AAL-03-3 |
| AIKT-GP-R/L-25-2-T6 | ● | ○ | 25 | 32 | 200 | 40 | 6 | 23 | 18.5 | | 2504-M5X16 | AAL-05-4 |
| AIKT-GP-R/L-20-3-T6 | ● | ○ | 20 | 27 | 170 | 30 | 6 | 18.3 | 16 | **GP - 3** | | |
| AIKT-GP-R/L-25-3-T6 | ● | ○ | 25 | 32 | 200 | 40 | 6 | 23 | 18.5 | | | |
| AIKT-GP-R/L-32-3-T6 | ● | ○ | 32 | 39 | 250 | 50 | 6 | 30 | 22 | | 2004-M8x1x20 | |
| AIKT-GP-R/L-20-4-T6 | ● | ○ | 20 | 27 | 170 | 30 | 6 | 18.3 | 16 | **GP - 4** | 2504-M5X16 | |
| AIKT-GP-R/L-25-4-T6 | ● | ○ | 25 | 32 | 200 | 40 | 6 | 23 | 18.5 | | | |
| AIKT-GP-R/L-32-4-T6 | ● | ○ | 32 | 39 | 250 | 50 | 6 | 30 | 22 | | 2004-M8x1x20 | |

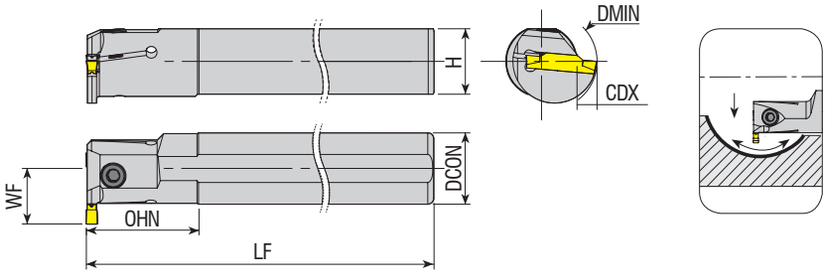
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*

● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

**PLBT** Ucuna Uygundur. / Compatible with **PLBT** Insert. / Kompatibel mit **PLBT** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ADKT-GP-R-2020-2-T15

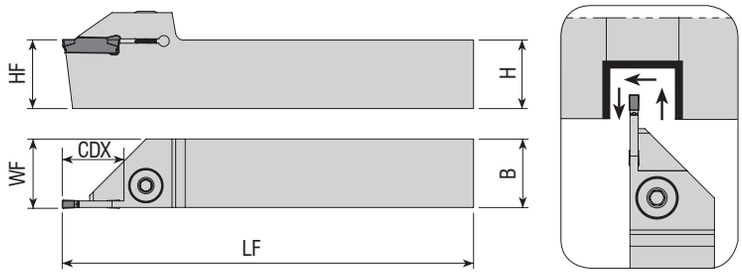
**SC** Ucuna Uygundur. / Compatible with **SC** Insert. / Kompatibel mit **SC** Wendeplatten.




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Anahtar *Allen Key* Innensechskantschlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | DCON | DMIN | LF | OHN | CDX | H | WF | | | |
| **AIKT-LC13-R/L-16-3-T4** | ● | ○ | 16 | 20 | 150 | 28 | 4 | 14.8 | 12 | **LC.. 130404-0300** | 2503-M4x10 | AAL-03-3 |
| **AIKT-LC13-R/L-16-4-T6** | ● | ○ | 16 | 22 | 150 | 28 | 6 | 14.8 | 14 | **LC.. 130404-0400** | | |

**SC** Ucuna Uygundur. / Compatible with **SC** Insert. / Kompatibel mit **SC** Wendeplatten.

**SMTM** Ucuna Uygundur. / Compatible with **SMTM** Insert. / Kompatibel mit **SMTM** Wendeplatten.

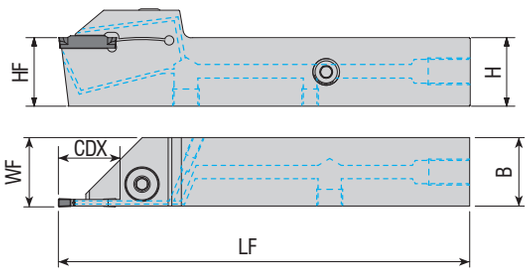



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Pul *Stamp* *Ring* | Anahtar *Allen Key* Innensechskantschlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | HF=H | B | LF | WF | CDX | | | | |
| **ADKT-SGC-R/L-1212-2-R15** | ● | ● | 12 | 12 | 100 | 16.2 | 15 | **GCM N20** | AKV-02-M6x22 | ABPL-01 | AAL-03-3 |
| **ADKT-SGC-R/L-1616-2-R15** | ● | ● | 16 | 16 | 125 | 16.2 | 15 | | | | |
| **ADKT-SGC-R/L-2020-2-R20** | ● | ● | 20 | 20 | 125 | 20.2 | 20 | | | | |
| **ADKT-SGC-R/L-2525-2-R20** | ● | ● | 25 | 25 | 150 | 25.2 | 20 | | | | |
| **ADKT-SGC-R/L-1212-3-R15** | ● | ● | 12 | 12 | 100 | 16.3 | 15 | **GCM N30** | 2004-M8x1x20 | - | AAL-05-4 |
| **ADKT-SGC-R/L-1616-3-T12** | ● | ○ | 16 | 16 | 125 | 16.3 | 12 | | | | |
| **ADKT-SGC-R/L-1616-3-R15** | ● | ● | 16 | 16 | 125 | 16.3 | 15 | | | | |
| **ADKT-SGC-R/L-2020-3-R22** | ● | ● | 20 | 20 | 125 | 20.3 | 22 | | | | |
| **ADKT-SGC-R/L-2525-3-T10** | ○ | ● | 25 | 25 | 150 | 25.30 | 10 | | | | |
| **ADKT-SGC-R/L-2525-3-R15** | ● | ○ | 25 | 25 | 150 | 25.3 | 15 | | | | |
| **ADKT-SGC-R/L-2525-3-R22** | ● | ● | 25 | 25 | 150 | 25.3 | 22 | | | | |
| **ADKT-SGC-R/L-2525-4-T10** | ○ | ● | 25 | 25 | 150 | 25.40 | 10 | **GCM N40** | | | |
| **ADKT-SGC-R/L-2525-4-T15** | ○ | ● | 25 | 25 | 150 | 25.40 | 15 | | | | |
| **ADKT-SGC-R/L-2525-4-T20** | ○ | ● | 25 | 25 | 150 | 25.40 | 20 | | | | |
| **ADKT-SGC-R/L-2525-4-R25** | ● | ○ | 25 | 25 | 150 | 25.4 | 25 | | | | |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**SMTM** Ucuna Uygundur. / Compatible with **SMTM** Insert. / Kompatibel mit **SMTM** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AIKT-LC13-R-16-3-T4

**SMTM** Ucuna Uygundur. / Compatible with **SMTM** Insert. / Kompatibel mit **SMTM** Wendeplatten.

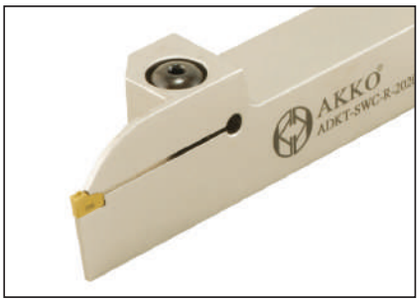


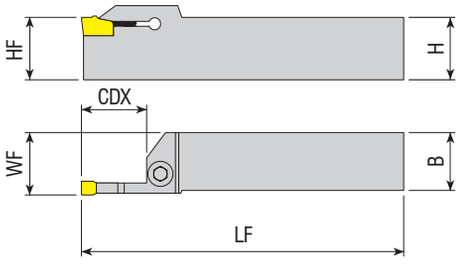

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Sıkma Vidası *Screw* *Klemmschraube* | Pul *Stamp* *Ring* | Anahtar *Allen Key* Innensechskantschlüssel |
| | R | L | HF=H | B | LF | WF | CDX | | | | |
| **ADKT-SGC-R/L-2525-3-R25-H** | ○ | ● | 25 | 25 | 150 | 25.3 | 25 | **GCM N30** | 2004-M8x1x20 | - | AAL-05-4 |

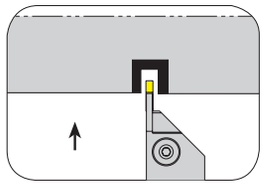
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**SMTM** Ucuna Uygundur. / Compatible with **SMTM** Insert. / Kompatibel mit **SMTM** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ADKT-SGC-R-2525-3-R25-H

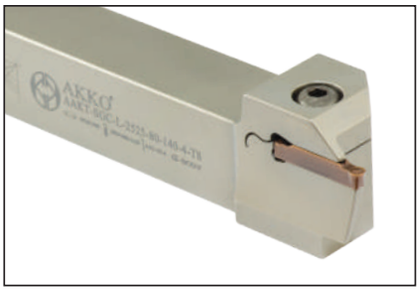
**SMTM** Ucuna Uygundur. / Compatible with **SMTM** Insert. / Kompatibel mit **SMTM** Wendeplatten.

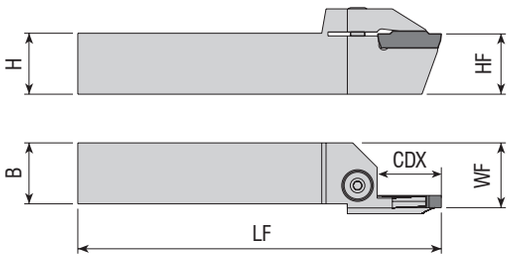


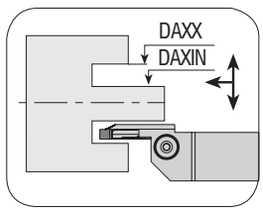


| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Pul *Stamp* *Ring* | Anahtar *Allen Key* Innensechskantschlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | HF=H | B | LF | WF | CDX | | | | |
| **ADKT-SWC-R/L-2020-2-T25** | ● | ○ | 20 | 20 | 125 | 20.3 | 25 | **WCF. - 2** | AKV-02-M6x22 | ABPL-01 | AAL-03-3 |
| **ADKT-SWC-R/L-2020-3-T25** | ● | ○ | 20 | 20 | 125 | 20.4 | 25 | **WCF. - 3** | 2004-M8x1x20 | - | AAL-05-4 |





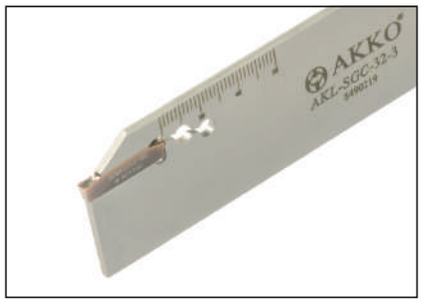



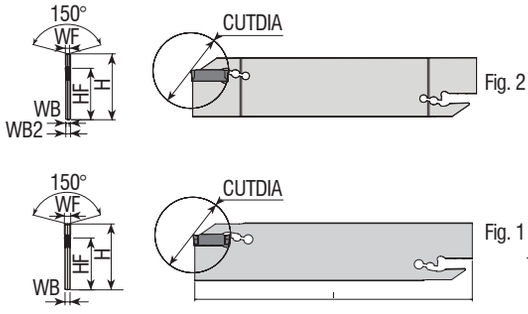

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Pul *Stamp* *Ring* | Anahtar *Allen Key* Innensechskantschlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | HF=H | B | LF | WF | CDX | DAXIN | DAXX | | | | |
| **AAKT-SGC-R/L-2020-22-53-3-T13** | ○ | ● | 20 | 20 | 125 | 21.5 | 13 | 22 | 53 | **GCM N3002** | 2004-M8X1X20 | - | AAL-05-4 |
| **AAKT-SGC-R/L-2525-80-100-3-T8** | ● | ○ | 25 | 25 | 150 | 26.5 | 8 | 80 | 100 | | | | |
| **AAKT-SGC-R/L-2525-40-65-4-T12** | ● | ○ | 25 | 25 | 150 | 26.5 | 12 | 40 | 65 | **GCM N4020** | | | |
| **AAKT-SGC-R/L-2525-80-140-4-T8** | ● | ○ | 25 | 25 | 150 | 26.5 | 8 | 80 | 140 | | | | |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**SMTM** Ucuna Uygundur. / Compatible with **SMTM** Insert. / Kompatibel mit **SMTM** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ADKT-SWC-R-2020-2-T25

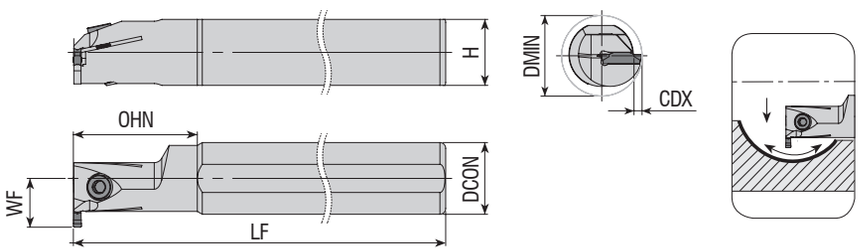
**SMTM** Ucuna Uygundur. / Compatible with **SMTM** Insert. / Kompatibel mit **SMTM** Wendeplatten.




| Takım Kodu<br>*Ordering Code*<br>*Bestell-Bezeichnung* | Stok<br>*Stock*<br>*Lager* | Takım Ölçüleri (mm)<br>*Dimension (mm)*<br>*Abmessung (mm)* | | | | | | | | Kesici Uç<br>*Insert*<br>*Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile*<br>Anahtar<br>*Allen Key*<br>Innensechskantschlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | H | WF | WB2 | WB | l | HF | CUTDIA | Fig. | | |
| **AKL-SGC-26-3** | ● | 26 | 3 | 2.40 | - | 110 | 21.4 | 39 | 2 | **GCM N30** | ALA-02 |
| **AKL-SGC-32-3** | ● | 32 | 3 | 2.40 | - | 150 | 25 | 39 | 1 | | |

Blok bilgileri için sayfa 175'e gidin. / For block information, go to page 175. / Informationen zu den spannblock finden Sie auf Seite 175.

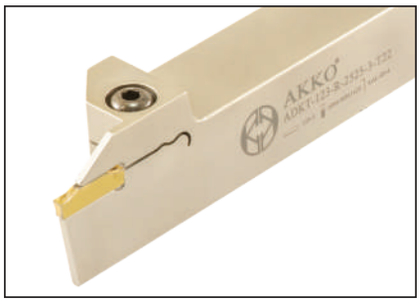


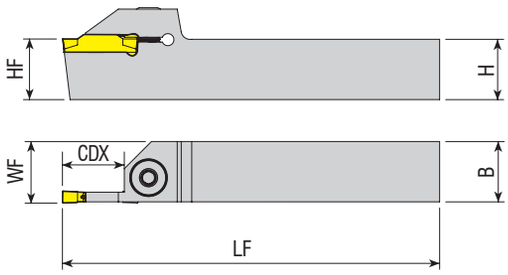

| Takım Kodu<br>*Ordering Code*<br>*Bestell-Bezeichnung* | Stok<br>*Stock*<br>*Lager* | | Takım Ölçüleri (mm)<br>*Dimension (mm)*<br>*Abmessung (mm)* | | | | | | | Kesici Uç<br>*Insert*<br>*Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile*<br>Sıkma Vidası<br>*Screw*<br>*Klemmschraube* | Anahtar<br>*Allen Key*<br>Innensechskantschlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | DCON | DMIN | LF | OHN | CDX | H | WF | | | |
| **AIKT-SGC-R/L-25-3-T6** | ● | ○ | 25 | 32 | 200 | 40 | 6 | 23 | 18.5 | **GCM N30** | 2504-M5x16 | AAL-05-4 |
| new **AIKT-SGC-R/L-25-3-T12** | ● | ● | 25 | 38 | 200 | 40 | 12 | 23 | 24.5 | | | |
| **AIKT-SGC-R/L-32-3-T6** | ● | ○ | 32 | 39 | 250 | 50 | 6 | 30 | 22 | | 2004-M8x1x20 | |
| **AIKT-SGC-R/L-32-3-T12** | ● | ● | 32 | 45 | 250 | 50 | 12 | 30 | 28 | | | |
| **AIKT-SGC-R/L-40-3-T6** | ● | ○ | 40 | 47 | 300 | 55 | 6 | 37.5 | 26 | | | |
| **AIKT-SGC-R/L-40-3-T12** | ● | ● | 40 | 53 | 300 | 55 | 12 | 37.5 | 12 | | | |
| **AIKT-SGC-R/L-25-4-T6** | ● | ● | 25 | 32 | 200 | 40 | 6 | 23 | 18.5 | **GCM N40** | 2504-M5x16 | |
| **AIKT-SGC-R/L-25-4-T12** | ● | ● | 25 | 38 | 200 | 40 | 12 | 23 | 24.5 | | | |
| **AIKT-SGC-R/L-32-4-T6** | ● | ● | 32 | 39 | 250 | 50 | 6 | 30 | 22 | | 2004-M8x1x20 | |
| **AIKT-SGC-R/L-32-4-T12** | ● | ● | 32 | 45 | 250 | 50 | 12 | 30 | 28 | | | |
| **AIKT-SGC-R/L-40-4-T6** | ● | ● | 40 | 47 | 300 | 55 | 6 | 37.5 | 26 | | | |
| **AIKT-SGC-R/L-40-4-T12** | ● | ● | 40 | 53 | 300 | 55 | 12 | 37.5 | 32 | | | |

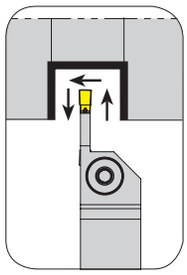
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**SMTM** Ucuna Uygundur. / Compatible with **SMTM** Insert. / Kompatibel mit **SMTM** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AKL-SGC-26-3

**SNDVK** Ucuna Uygundur. / Compatible with **SNDVK** Insert. / Kompatibel mit **SNDVK** Wendeplatten.





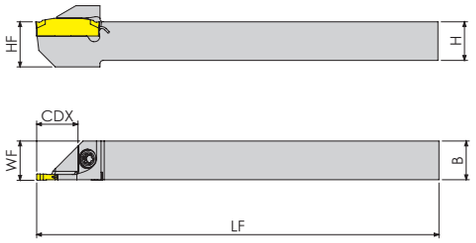



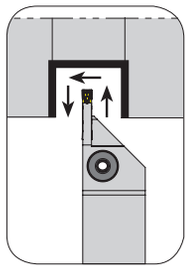
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Sıkma Vidası *Screw* *Klemmschraube* | Pul *Stamp* *Ring* | Anahtar *Allen Key* Innensechskantschlüssel |
| | R | L | HF=H | B | LF | WF | CDX | | | | |
| ADKT-123-R/L-1212-1.5-R15 | ● | ● | 12 | 12 | 100 | 12.2 | 15 | **123 - 1.5** | | | |
| ADKT-123-R/L-1616-1.5-R15 | ● | ● | 16 | 16 | 125 | 16.2 | 15 | | | | |
| ADKT-123-R/L-2012-1.5-R15 | ○ | ● | 20 | 12 | 125 | 12.5 | 15 | | | | |
| ADKT-123-R/L-1212-2-T12 | ○ | ● | 12 | 12 | 125 | 12.2 | 12 | **123 - 2** | 4015-M4x11 | - | 80-T15 |
| ADKT-123-R/L-1616-2-T15 | ● | ○ | 16 | 16 | 125 | 16.2 | 15 | | AKV-02-M6x22 | ABPL-01 | AAL-03-3 |
| ADKT-123-R/L-2020-2-T8 | ● | ● | 20 | 20 | 125 | 20.2 | 8 | | | | |
| ADKT-123-R/L-2020-2-T15 | ● | ● | 20 | 20 | 125 | 20.2 | 15 | | | | |
| ADKT-123-R/L-2525-2-T8 | ● | ● | 25 | 25 | 150 | 25.2 | 8 | | | | |
| ADKT-123-R/L-2525-2-T15 | ● | ● | 25 | 25 | 150 | 25.2 | 15 | | | | |
| ADKT-123-R/L-3232-2-T15 | ● | ● | 32 | 32 | 170 | 32.2 | 15 | | | | |
| ADKT-123-R/L-1616-2.5-R17 | ○ | ● | 16 | 16 | 125 | 16.25 | 17 | **123 - 2.5** | 2004-M8x1x20 | | AAL-05-4 |
| ADKT-123-R/L-1616-3-T10 | ● | ● | 16 | 16 | 125 | 16.3 | 10 | **123 - 3** | 2004-M8x1x20 | - | AAL-05-4 |
| ADKT-123-R/L-1616-3-T15 | ● | ● | 16 | 16 | 125 | 16.3 | 15 | | | | |
| ADKT-123-R/L-2020-3-T10 | ● | ● | 20 | 20 | 125 | 20.3 | 10 | | | | |
| ADKT-123-R/L-2020-3-T15 | ● | ● | 20 | 20 | 125 | 20.3 | 15 | | | | |
| ADKT-123-R/L-2020-3-T20 | ● | ● | 20 | 20 | 125 | 20.3 | 20 | | | | |
| ADKT-123-R/L-2525-3-T10 | ● | ● | 25 | 25 | 150 | 25.3 | 10 | | | | |
| ADKT-123-R/L-2525-3-T15 | ● | ● | 25 | 25 | 150 | 25.3 | 15 | | | | |
| ADKT-123-R/L-2525-3-T22 | ● | ● | 25 | 25 | 150 | 25.3 | 22 | | | | |
| ADKT-123-R/L-2020-4-T20 | ● | ● | 20 | 20 | 125 | 20.4 | 20 | **123 - 4** | | | |
| ADKT-123-R/L-2525-4-T13 | ● | ● | 25 | 25 | 150 | 25.4 | 13 | | | | |
| ADKT-123-R/L-2525-4-T22 | ● | ● | 25 | 25 | 150 | 25.4 | 22 | | | | |
| ADKT-123-R/L-3232-4-T25 | ● | ● | 32 | 32 | 170 | 32.4 | 25 | | | | |
| ADKT-123-R/L-2020-5-T20 | ● | ● | 20 | 20 | 125 | 20.5 | 20 | **123 - 5** | | | |
| ADKT-123-R/L-2525-5-T25 | ● | ● | 25 | 25 | 150 | 25.5 | 25 | | | | |
| ADKT-123-R/L-3232-6-T15 | ● | ● | 32 | 32 | 170 | 32.5 | 15 | **123 - 6** | | | |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**SNDVK** Ucuna Uygundur. / Compatible with **SNDVK** Insert. / Kompatibel mit **SNDVK** Wendeplatten.

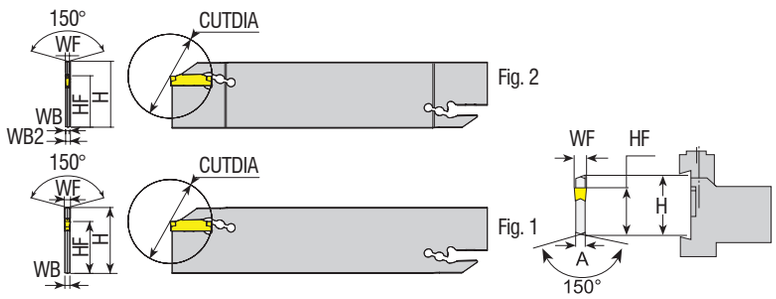
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ADKT-123-R-1212-1.5-R15

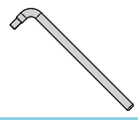
**SNDVK** Ucuna Uygundur. / Compatible with **SNDVK** Insert. / Kompatibel mit **SNDVK** Wendeplatten.



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Sıkma Vidası *Screw* *Klemmschraube* | Pul *Stamp* *Ring* | Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel* |
| | R | L | HF=H | B | LF | WF | CDX | | | | |
| **ADKT-123-R/L-1212-2-T12-K-S** | ● | ○ | 12 | 12 | 125 | 12.2 | 12 | **123 - 2** | 4015-M4X11 | - | 80-T15 |
| **ADKT-123-R/L-1212-3-T12-K-S** | ○ | ○ | 12 | 12 | 125 | 12.3 | 12 | **123 - 3** | | | |



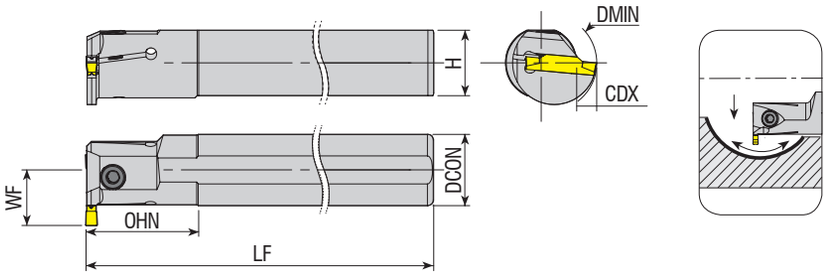

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | H | WF | WB2 | WB | I | HF | CUTDIA | Fig. | |  |
| **AKL-123-32-2** | ● | 32 | 2 | 2.4 | 1.6 | 150 | 25 | 39 | 2 | **123 - 2** | ALA-02 |
| **AKL-123-32-3** | ● | 32 | 3 | 2.4 | - | 150 | 25 | 39 | 1 | **123 - 3** | |
| **AKL-123-32-4** | ● | 32 | 4 | 3.2 | - | 150 | 25 | 39 | 1 | **123 - 4** | |
| **AKL-123-32-6** | ● | 32 | 6 | 5 | - | 150 | 25 | 55 | 1 | **123 - 6** | |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
Blok bilgileri için sayfa 175'e gidin. / For block information, go to page 175. / Informationen zu den spannblock finden Sie auf Seite 175.

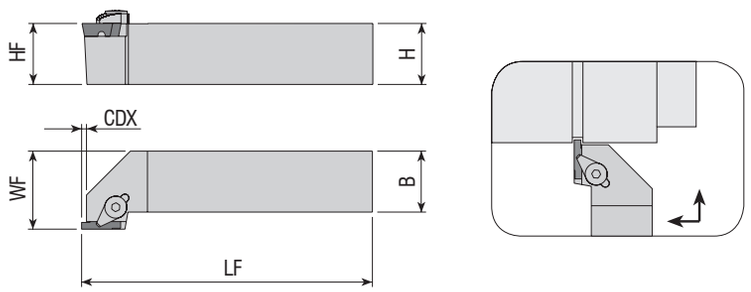
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ADKT-123-R-1212-2-T12-K-S

**SNDVK** Ucuna Uygundur. / Compatible with **SNDVK** Insert. / Kompatibel mit **SNDVK** Wendeplatten.

**SNDVK** Ucuna Uygundur. / Compatible with **SNDVK** Insert. / Kompatibel mit **SNDVK** Wendeplatten.




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Anahtar *Allen Key* Innensechskantschlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | DCON | DMIN | LF | OHN | CDX | H | WF | | | |
| AIKT-123-R/L-20-2-T6 | ● | ○ | 20 | 32 | 170 | 30 | 6 | 18.3 | 16 | **123 - 2** | 2503-M4x12 | AAL-03-3 |
| AIKT-123-R/L-25-2-T6 | ● | ○ | 25 | 32 | 200 | 40 | 6 | 18.3 | 18.5 | | 2504-M5x12 | |
| AIKT-123-R/L-32-2-T7 | ● | ○ | 32 | 41 | 250 | 45 | 7 | 30 | 23 | | 2004-M8x1x20 | |
| AIKT-123-R/L-20-3-T6 | ● | ○ | 20 | 32 | 170 | 30 | 6 | 18.3 | 16 | **123 - 3** | 2504-M5x16 | |
| AIKT-123-R/L-25-3-T7 | ● | ○ | 25 | 32 | 200 | 40 | 7 | 23 | 19.5 | | | |
| AIKT-123-R/L-32-3-T9 | ● | ○ | 32 | 41 | 250 | 50 | 9 | 30 | 25 | | 2004-M8x1x20 | AAL-05-4 |
| AIKT-123-R/L-20-4-T8 | ● | ○ | 20 | 29 | 170 | 30 | 8 | 18.3 | 18 | **123 - 4** | 2504-M5x16 | |
| AIKT-123-R/L-25-4-T7 | ● | ○ | 25 | 32 | 200 | 40 | 7 | 23 | 19.5 | | | |
| AIKT-123-R/L-32-4-T7 | ● | ● | 32 | 41 | 250 | 45 | 7 | 30 | 23 | | 2004-M8x1x20 | |
| AIKT-123-R/L-32-4-T10 | ● | ○ | 32 | 43 | 250 | 50 | 10 | 30 | 26 | | | |
| AIKT-123-R/L-25-5-T8 | ● | ○ | 25 | 34 | 200 | 40 | 8 | 23 | 20.5 | **123 - 5** | 2504-M5x16 | |
| AIKT-123-R/L-32-5-T11 | ● | ● | 32 | 43 | 250 | 50 | 11 | 30 | 27 | | 2004-M8x1x20 | |

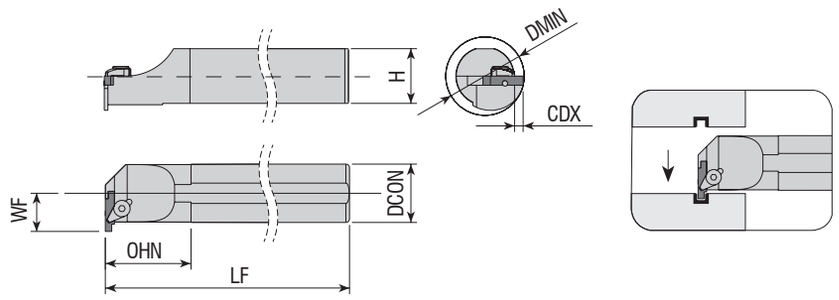


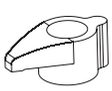

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Baskı Parçası *Wedge Clamp* *Spannspratze* | Sıkma Vidası *Screw* *Klemmschraube* | Pul *Stamp* *Ring* | Anahtar *Allen Key* Innensechskantschlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | HF=H | B | LF | WF | CDX | | | | | |
| ADKT-154.91-R/L-2020-3-T4 | ● | ● | 20 | 20 | 125 | 25 | 4 | **154.91 - 3** | ACK-03 | AKV-07-M6x22 | APM-06 | AAL-03-3 |
| ADKT-154.91-R/L 2525-3-T4 | ● | ● | 25 | 25 | 150 | 30.5 | 4 | | | | | |
| ADKT-154.91-R/L 2020-5-T5 | ● | ● | 20 | 20 | 125 | 25 | 5 | **154.91 - 5** | | | | |
| ADKT-154.91-R/L 2525-5-T5 | ● | ● | 25 | 25 | 150 | 30.5 | 5 | | | | | |

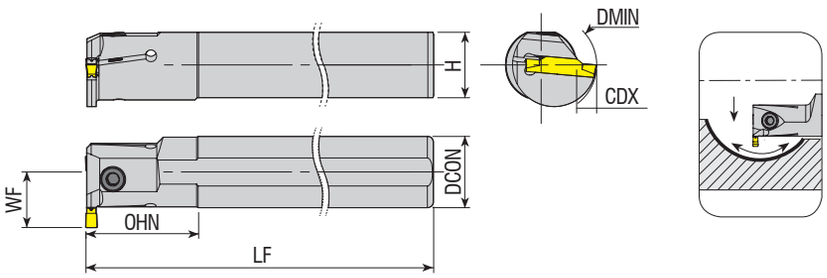
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**SNDVK** Ucuna Uygundur. / Compatible with **SNDVK** Insert. / Kompatibel mit **SNDVK** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AIKT-123-R-20-2-T6

**SNDVK** Ucuna Uygundur. / Compatible with **SNDVK** Insert. / Kompatibel mit **SNDVK** Wendeplatten.




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | Baskı Parçası *Wedge Clamp* *Spannpratze* | Sıkma Vidası *Screw* *Klemmschraube* | Pim *Pin* *Stift* | Anahtar *Allen Key* Innensechskantschlüssel |
| | R | L | DCON | DMIN | LF | OHN | CDX | H | WF | |  | | | |
| AIKT-154.91-R/L-16-3-T3 | ● | ● | 16 | 20 | 150 | 35 | 3 | 14.8 | 11 | **154.91 - 3** | ACK-06 | AKV-10-M6x14 | APM-06 | AAL-05-4 |
| AIKT-154.91-R/L-20-3-T4 | ● | ● | 20 | 25 | 170 | 38 | 4 | 18.3 | 14 | | | | | |
| AIKT-154.91-R/L-25-3-T4 | ● | ● | 25 | 31 | 200 | 40 | 4 | 23 | 16.5 | | | AKV-21-M6x18 | | AAL-03-3 |
| AIKT-154.91-R/L-25-5-T5 | ● | ● | 25 | 31 | 200 | 45 | 5 | 23 | 17.5 | **154.91 - 5** | ACK-03 | | | |
| AIKT-154.91-R/L-32-5-T5 | ● | ● | 32 | 38 | 250 | 50 | 5 | 30 | 21 | | | AKV-07-M6x22 | | |

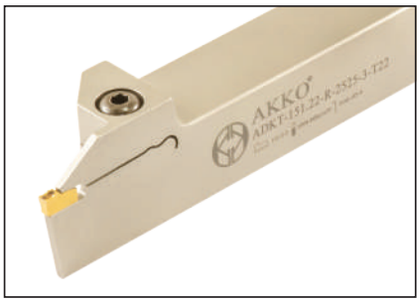


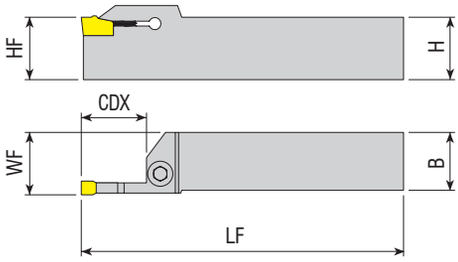

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | Sıkma Vidası *Screw* *Klemmschraube* | Anahtar *Allen Key* Innensechskantschlüssel |
| | R | L | DCON | DMIN | LF | OHN | CDX | H | WF | | | |
| AIKT-151.23-R/L-20-2-T6 | ● | ○ | 20 | 32 | 170 | 30 | 6 | 18.3 | 16 | **151.23 - 2** | 2503-M4x12 | AAL-03-3 |
| AIKT-151.23-R/L-20-2.5-T6 | ● | ○ | 20 | 32 | 170 | 30 | 6 | 18.3 | 16 | **151.23 - 2.5** | | |
| AIKT-151.22-R/L-25-3-T6 | ○ | ● | 25 | 37 | 200 | 32 | 6 | 23 | 18.5 | **151.23 - 3** | | |
| AIKT-151.22-R/L-25-3-T6-H | ○ | ● | 25 | 37 | 200 | 32 | 6 | 23 | 18.5 | | | |

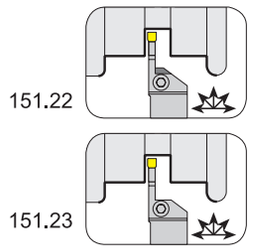
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**SNDVK** Ucuna Uygundur. / Compatible with **SNDVK** Insert. / Kompatibel mit **SNDVK** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AIKT-154.91-R/L-16-3-T3

**SNDVK** Ucuna Uygundur. / Compatible with **SNDVK** Insert. / Kompatibel mit **SNDVK** Wendeplatten.





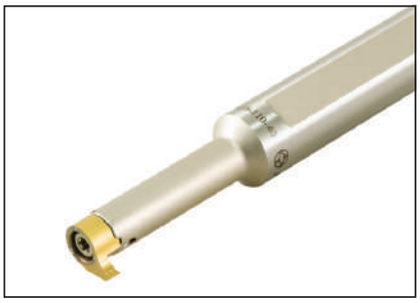



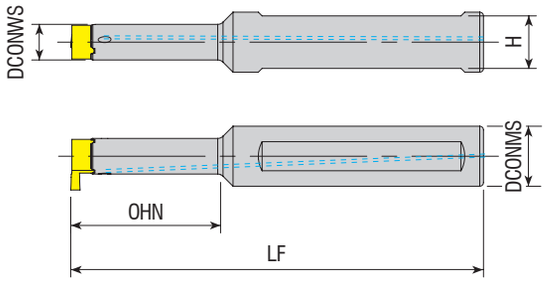

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Sıkma Vidası *Screw* *Klemmschraube* | Pul *Stamp* *Ring* | Anahtar *Allen Key* Innensechskantschlüssel |
| | R | L | HF=H | B | LF | WF | CDX | | | | |
| ADKT-151.22-R/L-1616-2-T15 | ● | ● | 16 | 16 | 125 | 16.3 | 15 | | | | |
| ADKT-151.22-R/L-2020-2-T15 | ● | ● | 20 | 20 | 125 | 20.3 | 15 | **151.2 - 2** | AKV-02-M6x22 | ABPL-01 | AAL-03-3 |
| ADKT-151.22-R/L-2525-2-T15 | ● | ● | 25 | 25 | 150 | 25.3 | 15 | | | | |
| ADKT-151.22-R/L-1616-3-T15 | ● | ● | 16 | 16 | 125 | 16.4 | 15 | | | | |
| ADKT-151.22-R/L-2020-3-T20 | ● | ● | 20 | 20 | 125 | 20.4 | 20 | **151.2 - 3** | | | |
| ADKT-151.22-R/L-2525-3-T22 | ● | ● | 25 | 25 | 150 | 25.4 | 22 | | | | |
| ADKT-151.22-R/L-1616-4-T15 | ● | ● | 16 | 16 | 125 | 16.4 | 15 | | 2004-M8x1x20 | - | AAL-05-4 |
| ADKT-151.22-R/L-2020-4-T20 | ● | ● | 20 | 20 | 125 | 20.4 | 20 | **151.2 - 4** | | | |
| ADKT-151.22-R/L-2525-4-T22 | ● | ● | 25 | 25 | 150 | 25.4 | 22 | | | | |
| ADKT-151.22-R/L-2020-5-T20 | ● | ● | 20 | 20 | 125 | 20.5 | 20 | **151.2 - 5** | | | |
| ADKT-151.22-R/L-2525-5-T25 | ● | ● | 25 | 25 | 150 | 25.5 | 25 | | | | |
| ADKT-151.23-R/L-1616-2-T15 | ● | ● | 16 | 16 | 125 | 16.3 | 15 | | | | |
| ADKT-151.23-R/L-2020-2-T15 | ● | ● | 20 | 20 | 125 | 20.3 | 15 | **151.2 - 2** | AKV-02-M6x22 | ABPL-01 | AAL-03-3 |
| ADKT-151.23-R/L-2525-2-T15 | ● | ● | 25 | 25 | 150 | 25.3 | 15 | | | | |
| ADKT-151.23-R/L-1616-2.5-T15 | ● | ● | 16 | 16 | 125 | 16.3 | 15 | | | | |
| ADKT-151.23-R/L-2020-2.5-T15 | ● | ● | 20 | 20 | 125 | 20.3 | 15 | **151.2 - 2.5** | | | |
| ADKT-151.23-R/L-2525-2.5-T15 | ● | ● | 25 | 25 | 150 | 25.3 | 15 | | | | |
| ADKT-151.23-R/L-1212-3-T15 | ● | ● | 12 | 12 | 100 | 16.4 | 15 | | | | |
| ADKT-151.23-R/L-1616-3-T15 | ● | ● | 16 | 16 | 125 | 16.4 | 15 | | | | |
| ADKT-151.23-R/L-2020-3-T20 | ● | ● | 20 | 20 | 125 | 20.4 | 20 | **151.2 - 3** | 2004-M8x1x20 | - | AAL-05-4 |
| ADKT-151.23-R/L-2525-3-T20 | ● | ● | 25 | 25 | 150 | 25.4 | 20 | | | | |
| ADKT-151.23-R/L-2525-3-T22 | ● | ● | 25 | 25 | 150 | 25.4 | 22 | | | | |
| ADKT-151.23-R/L-1616-4-T15 | ● | ● | 16 | 16 | 125 | 16.4 | 15 | | | | |
| ADKT-151.23-R/L-2020-4-T20 | ● | ● | 20 | 20 | 125 | 20.4 | 20 | **151.2 - 4** | | | |
| ADKT-151.23-R/L-2525-4-T22 | ● | ● | 25 | 25 | 150 | 25.4 | 22 | | | | |
| ADKT-151.23-R/L-2020-5-T20 | ● | ● | 20 | 20 | 125 | 20.5 | 20 | **151.2 - 5** | | | |
| ADKT-151.23-R/L-2525-5-T25 | ● | ● | 25 | 25 | 150 | 25.5 | 25 | | | | |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**SNDVK** Ucuna Uygundur. / Compatible with **SNDVK** Insert. / Kompatibel mit **SNDVK** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ADKT-151.22-R-1616-2-T15

## **SNDVK** Ucuna Uygundur. / Compatible with **SNDVK** Insert. / Kompatibel mit **SNDVK** Wendeplatten.

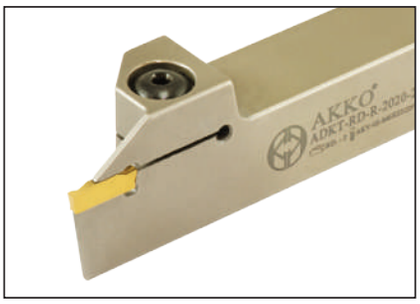


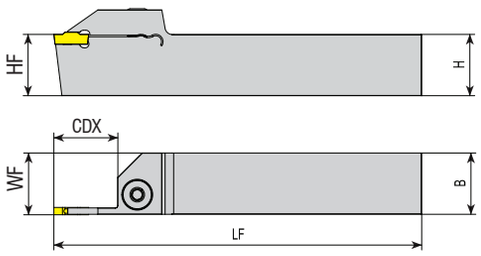


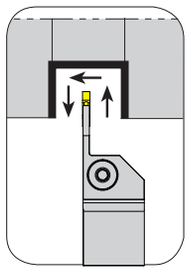

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Sıkma Vidası *Screw* *Klemmschraube* | Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel* |
| | | DCONMS | DCONWS | LF | OHN | H | | | |
| AIKT-MB07-A16-090-15 | ● | 16 | 7.4 | 90 | 15 | 14 | **MB - 07** | 4008-M3x8 | 82-T08 |
| AIKT-MB07-A16-090-22 | ● | 16 | 7.4 | 90 | 22 | 14 | | | |
| AIKT-MB09-A16-090-19 | ● | 16 | 9.5 | 90 | 19 | 14 | **MB - 09** | 4015-M4x11 | 80-T15 |
| AIKT-MB09-A16-095-28 | ● | 16 | 9.5 | 95 | 28 | 14 | | | |
| AIKT-MB09-A16-110-40 | ● | 16 | 9.5 | 110 | 40 | 14 | | | |

**SNDVK** Ucuna Uygundur. / Compatible with **SNDVK** Insert. / Kompatibel mit **SNDVK** Wendeplatten.

## **TGTC** Ucuna Uygundur. / Compatible with **TGTC** Insert. / Kompatibel mit **TGTC** Wendeplatten.



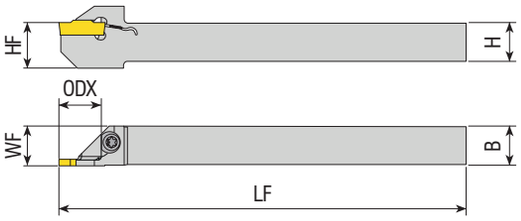



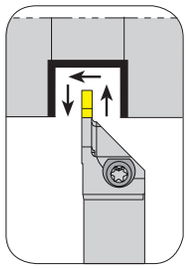
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Sıkma Vidası *Screw* *Klemmschraube* | Pul *Stamp* *Ring* | Anahtar *Allen Key* Innensechskantschlüssel | Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel* |
| | R | L | HF=H | B | LF | WF | CDX | | | | | |
| ADKT-RD-R/L-1616-2-T17 | ● | ○ | 16 | 16 | 125 | 16.2 | 17 | **RD. - 2** | AKV-02-M6x22 | ABPL-01 | AAL-03-3 | |
| ADKT-RD-R/L-2020-2-T17 | ● | ○ | 20 | 20 | 125 | 20.2 | 17 | | | | | |
| ADKT-RD-R/L-2525-2-T17 | ● | ○ | 25 | 25 | 150 | 25.2 | 17 | | | | | |
| ADKT-RD-R/L-1616-3-T20 | ● | ● | 16 | 16 | 125 | 16.3 | 20 | **RD. - 3** | 2004-M8x1x20 | - | AAL-05-4 | - |
| ADKT-RD-R/L-2020-3-T25 | ● | ○ | 20 | 20 | 125 | 20.3 | 25 | | | | | |
| ADKT-RD-R/L-2525-3-T25 | ● | ○ | 25 | 25 | 150 | 25.3 | 25 | | | | | |
| ADKT-RD-R/L-2020-4-T30 | ● | ● | 20 | 20 | 125 | 20.4 | 30 | **RD. - 4** | | | | |
| ADKT-RD-R/L-2525-4-T30 | ● | ○ | 25 | 25 | 150 | 25.5 | 30 | | | | | |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**TGTC** Ucuna Uygundur. / Compatible with **TGTC** Insert. / Kompatibel mit **TGTC** Wendeplatten.

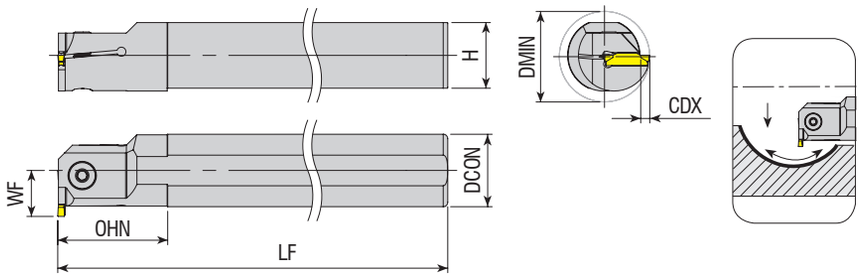
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AIKT-MB07-A16-090-15

**TGTC** Ucuna Uygundur. / Compatible with **TGTC** Insert. / Kompatibel mit **TGTC** Wendeplatten.



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Sıkma Vidası *Screw* *Klemmschraube* | Pul *Stamp* *Ring* | Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel* |
| | R | L | HF=H | B | LF | WF | CDX | | | | |
| ADKT-RD-R/L-1212-2-T12-K-S | ● | ● | 12 | 12 | 125 | 12.2 | 12 | RD. - 2 | 4015-M4x11 | - | 80-T15 |
| ADKT-RD-R/L-1616-2-T17-K-S | ● | ● | 16 | 16 | 125 | 16.2 | 17 | | | | |
| ADKT-RD-R/L-1212-3-T12-K-S | ● | ● | 12 | 12 | 125 | 12.2 | 12 | RD. - 3 | | | |
| new ADKT-RD-R/L-1616-3-T13-K-S | ● | ● | 16 | 16 | 125 | 16.3 | 13 | | | | |

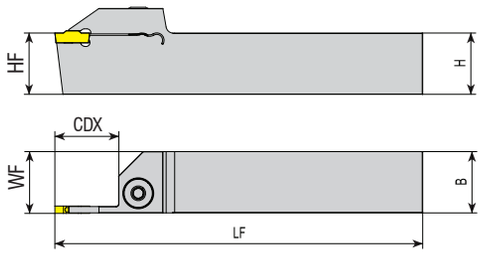


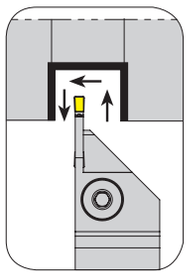

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | Sıkma Vidası *Screw* *Klemmschraube* | Anahtar *Allen Key* Innensechskantschlüssel |
| | R | L | DCON | DMIN | LF | OHN | CDX | H | WF | | | |
| AIKT-RD-R/L-16-2-T6 | ● | ○ | 16 | 24 | 150 | 28 | 6 | 14.8 | 14 | RD. - 2 | 2503-M4x10 | AAL-03-3 |
| AIKT-RD-R/L-20-2-T6 | ● | ○ | 20 | 28 | 170 | 28 | 6 | 18.3 | 16 | | | |
| AIKT-RD-R/L-25-2-T6 | ● | ○ | 25 | 33 | 200 | 28 | 6 | 23 | 18.5 | | 2504-M5x16 | AAL-05-4 |
| AIKT-RD-R/L-16-3-T6 | ● | ○ | 16 | 24 | 150 | 28 | 6 | 14.8 | 14 | RD. - 3 | 2503-M4x10 | AAL-03-3 |
| AIKT-RD-R/L-20-3-T6 | ● | ○ | 20 | 28 | 170 | 28 | 6 | 18.3 | 16 | | 2504-M5x12 | AAL-05-4 |
| AIKT-RD-R/L-25-3-T6 | ● | ○ | 25 | 33 | 200 | 28 | 6 | 23 | 18.5 | | 2504-M5x16 | |
| AIKT-RD-R/L-32-3-T6 | ● | ○ | 32 | 40 | 250 | 50 | 6 | 30 | 22 | | 2004-M8x1x20 | |
| AIKT-RD-R/L-20-4-T6 | ● | ○ | 20 | 28 | 170 | 28 | 6 | 18.3 | 16 | RD. - 4 | 2504-M5x12 | |
| AIKT-RD-R/L-25-4-T6 | ● | ○ | 25 | 33 | 200 | 28 | 6 | 23 | 18.5 | | 2504-M5x16 | |
| AIKT-RD-R/L-32-4-T6 | ● | ○ | 32 | 40 | 250 | 50 | 6 | 30 | 22 | | 2004-M8x1x20 | |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**TGTC** Ucuna Uygundur. / Compatible with **TGTC** Insert. / Kompatibel mit **TGTC** Wendeplatten.

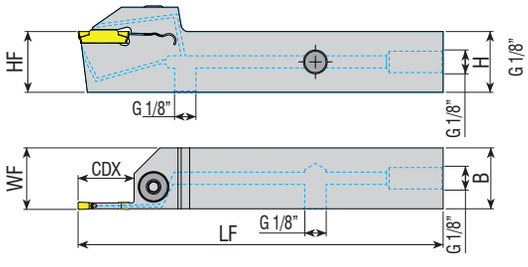
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ADKT-RD-R-1212-2-T12-K-S

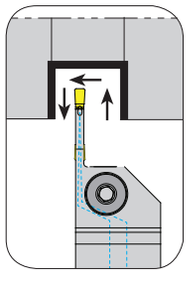
**TGTC** Ucuna Uygundur. / Compatible with **TGTC** Insert. / Kompatibel mit **TGTC** Wendeplatten.



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Pul *Stamp* *Ring* | Anahtar *Allen Key* Innensechskantschlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | HF=H | B | LF | WF | CDX | | | | |
| ADKT-TD-R/L-1212-2-T15 | ● | ● | 12 | 12 | 100 | 12.2 | 15 | TD. - 2 | AKV-02-M6x22 | ABPL-01 | AAL-03-3 |
| ADKT-TD-R/L-1616-2-T8 | ● | ● | 16 | 16 | 125 | 16.2 | 8 | | | | |
| ADKT-TD-R/L-1616-2-T15 | ● | ● | 16 | 16 | 125 | 16.2 | 15 | | | | |
| ADKT-TD-R/L-2020-2-T9 | ● | ○ | 20 | 20 | 125 | 20.2 | 9 | | | | |
| ADKT-TD-R/L-2020-2-T15 | ● | ● | 20 | 20 | 125 | 20.2 | 15 | | | | |
| ADKT-TD-R/L-2020-2-T17 | ● | ○ | 20 | 20 | 125 | 20.2 | 17 | | | | |
| ADKT-TD-R/L-2020-2-T20 | ● | ○ | 20 | 20 | 125 | 20.2 | 20 | | | | |
| ADKT-TD-R/L-2525-2-T8 | ● | ● | 25 | 25 | 150 | 25.2 | 8 | | | | |
| ADKT-TD-R/L-2525-2-T17 | ● | ● | 25 | 25 | 150 | 25.2 | 17 | | | | |
| ADKT-TD-R/L-1212-3-T15 | ● | ● | 12 | 12 | 100 | 12.4 | 15 | TD. - 3 | 2004-M8x1x20 | - | AAL-05-4 |
| ADKT-TD-R/L-1616-3-T15 | ● | ● | 16 | 16 | 125 | 16.4 | 15 | | | | |
| ADKT-TD-R/L-2020-3-T12 | ● | ● | 20 | 20 | 125 | 20.4 | 12 | | | | |
| ADKT-TD-R/L-2020-3-T20 | ● | ● | 20 | 20 | 125 | 20.4 | 20 | | | | |
| ADKT-TD-R/L-2020-3-T25 | ● | ○ | 20 | 20 | 125 | 20.4 | 25 | | | | |
| ADKT-TD-R/L-2020-3-T30 | ● | ● | 20 | 20 | 125 | 20.4 | 30 | | | | |
| ADKT-TD-R/L-2525-3-T9 | ● | ● | 25 | 25 | 150 | 25.4 | 9 | | | | |
| ADKT-TD-R/L-2525-3-T12 | ● | ● | 25 | 25 | 150 | 25.4 | 12 | | | | |
| ADKT-TD-R/L-2525-3-T22 | ● | ● | 25 | 25 | 150 | 25.4 | 22 | | | | |
| ADKT-TD-R/L-2525-3-T25 | ● | ● | 25 | 25 | 150 | 25.4 | 25 | | | | |
| ADKT-TD-R/L-2525-3-T30 | ● | ● | 25 | 25 | 150 | 25.4 | 30 | | | | |
| ADKT-TD-R/L-3232-3-T25 | ● | ○ | 32 | 32 | 170 | 32.4 | 25 | | | | |
| ADKT-TD-R/L-2525-4-T10 | ● | ● | 25 | 25 | 150 | 25.5 | 10 | TD. - 4 | | | |
| ADKT-TD-R/L-2525-4-T15 | ● | ● | 25 | 25 | 150 | 25.5 | 15 | | | | |
| ADKT-TD-R/L-2525-4-T22 | ● | ● | 25 | 25 | 150 | 25.5 | 22 | | | | |
| ADKT-TD-R/L-2525-4-T25 | ● | ○ | 25 | 25 | 150 | 25.4 | 25 | | | | |
| ADKT-TD-R/L-2525-4-T30 | ● | ○ | 25 | 25 | 150 | 25.5 | 30 | | | | |
| ADKT-TD-R/L-2525-5-T25 | ● | ● | 25 | 25 | 150 | 25.5 | 25 | TD. - 5 | | | |



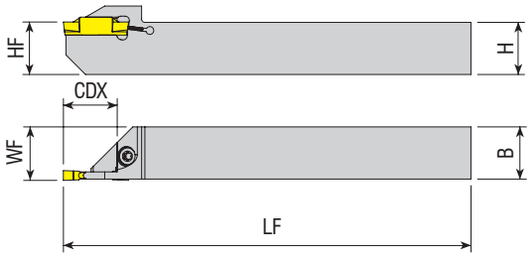



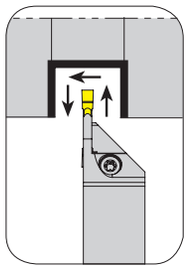
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Pul *Stamp* *Ring* | Anahtar *Allen Key* Innensechskantschlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | HF=H | B | LF | WF | CDX | | | | |
| ADKT-TD-R/L-2020-3-T30-H | ● | ● | 20 | 20 | 125 | 20.5 | 30 | TD. - 3 | 2004-M8x1x20 | - | AAL-05-4 |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**TGTC** Ucuna Uygundur. / Compatible with **TGTC** Insert. / Kompatibel mit **TGTC** Wendeplatten.

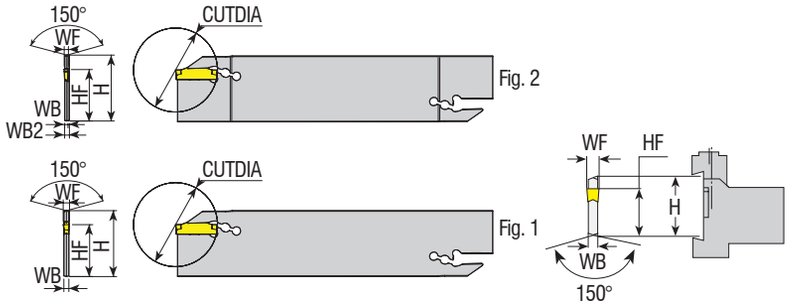
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ADKT-TD-R-1212-2-T15

**TGTC** Ucuna Uygundur. / Compatible with **TGTC** Insert. / Kompatibel mit **TGTC** Wendeplatten.



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Sıkma Vidası *Screw* *Klemmschraube* | Pul *Stamp* *Ring* | Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel* |
| | R | L | HF=H | B | LF | WF | CDX | | | | |
| ADKT-TD-R/L-1010-2-R10-K-S | ● | ● | 10 | 10 | 125 | 10.2 | 10 | **TD. - 2** | 4015-M4x11 | - | 80-T15 |
| ADKT-TD-R/L-1212-2-T12-K-S | ● | ● | 12 | 12 | 125 | 12.2 | 12 | | | | |
| ADKT-TD-R/L-1616-2-T16-K-S | ● | ● | 16 | 16 | 125 | 16.2 | 16 | | | | |
| ADKT-TD-R/L-1212-3-T12-K-S | ● | ● | 12 | 12 | 125 | 12.3 | 12 | **TD. - 3** | | | |
| ADKT-TD-R/L-1616-3-T16-K-S | ● | ● | 16 | 16 | 125 | 16.3 | 16 | | | | |

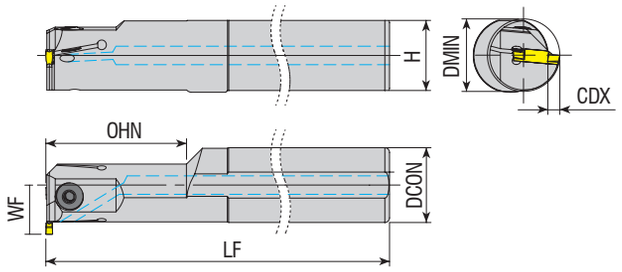



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* *Ersatzteile* Anahtar *Allen Key* Innensechskantschlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | H | WF | WB2 | WB | I | HF | CUTDIA | Fig. | | |
| AKL-TD-32-2 | ● | 32 | 2 | 2.4 | 1.6 | 150 | 25 | 39 | 2 | **TD. - 2** | ALA-02 |
| AKL-TD-26-3 | ● | 26 | 3 | - | 2.40 | 110 | 26 | 40 | 1 | **TD. - 3** | |
| AKL-TD-32-3 | ● | 32 | 3 | 2.4 | - | 150 | 25 | 39 | 1 | | |
| AKL-TD-26-4 | ● | 26 | 4 | - | 3.20 | 110 | 26 | 40 | 1 | **TD. -4** | |
| AKL-TD-32-5 | ● | 32 | 5 | - | 4 | 150 | 25 | 40 | 1 | **TD. -5** | |

Blok bilgileri için sayfa 175'e gidin. / For block information, go to page 175. / Informationen zu den spannblock finden Sie auf Seite 175.
**TGTC** Ucuna Uygundur. / Compatible with **TGTC** Insert. / Kompatibel mit **TGTC** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ADKT-TD-R-1010-2-R10-K-S

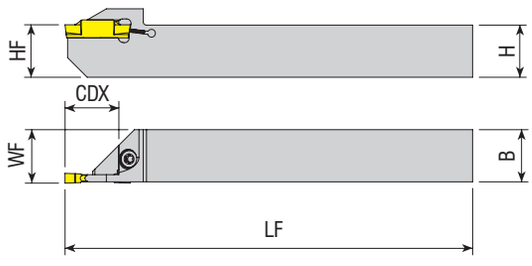
**TGTC** Ucuna Uygundur. / Compatible with **TGTC** Insert. / Kompatibel mit **TGTC** Wendeplatten.

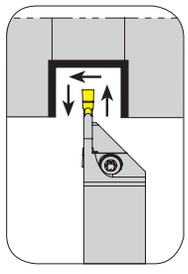



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* R | L | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON | DMIN | LF | OHN | CDX | H | WF | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Anahtar *Allen Key* Innensechskantschlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AIKT-TD-R/L-16-2-T8.5-H | ● | ○ | 16 | 25 | 150 | 28 | 8.5 | 14.8 | 16.5 | TD. - 2 | 2503-M4x10 | AAL-03-3 |
| AIKT-TD-R/L-20-3-T6-H | ● | ○ | 20 | 25 | 170 | 40 | 6 | 18.3 | 16 | TD. - 3 | 2504-M5x12 | AAL-05-4 |
| AIKT-TD-R/L-25-3-T6-H | ● | ○ | 25 | 25 | 200 | 40 | 6 | 23 | 18.5 | | 2504-M5x16 | |
| AIKT-TD-R/L-32-3-T5-H | ● | ○ | 32 | 31 | 250 | 60 | 5 | 30 | 21 | | 2004-M8x1x20 | |
| AIKT-TD-R/L-32-3-T10-H | ● | ○ | 32 | 36 | 250 | 78 | 10 | 30 | 26 | | | |
| AIKT-TD-R/L-40-3-T12-H | ● | ○ | 40 | 45 | 300 | 78 | 12 | 37.5 | 12 | | | |
| AIKT-TD-R/L-20-4-T10-H | ○ | ● | 20 | 27 | 170 | 40 | 10 | 18.3 | 20 | TD. - 4 | 2504-M5X12 | |
| AIKT-TD-R/L-25-4-T10-H | ○ | ● | 25 | 31 | 200 | 40 | 10 | 23 | 22.5 | | 2504-M5X16 | |
| AIKT-TD-R/L-32-4-T10-H | ○ | ● | 32 | 36 | 250 | 60 | 10 | 30 | 26 | | 2004-M8X1X20 | |

**TGTC** Ucuna Uygundur. / Compatible with **TGTC** Insert. / Kompatibel mit **TGTC** Wendeplatten.

**TNGLY** Ucuna Uygundur. / Compatible with **TNGLY** Insert. / Kompatibel mit **TNGLY** Wendeplatten.



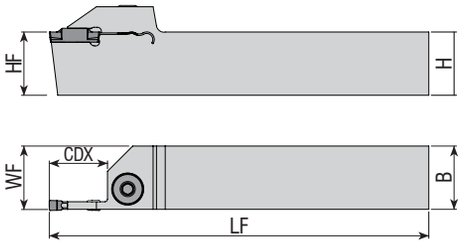
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* R | L | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H | B | LF | WF | CDX | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Pul *Stamp* *Ring* | Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ADKT-TG-R/L-1212-2-R12-K-S | ● | ○ | 12 | 12 | 125 | 12.2 | 12 | DGM2-020 | 4015-M4x11 | - | 80-T15 |
| ADKT-TG-R/L-1212-3-R12-K-S | ● | ○ | 12 | 12 | 125 | 12.3 | 12 | DGM3-020 | | | |

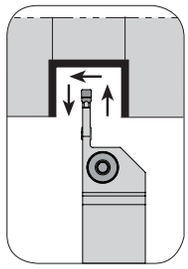
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AIKT-TD-R-16-2-T8.5-H

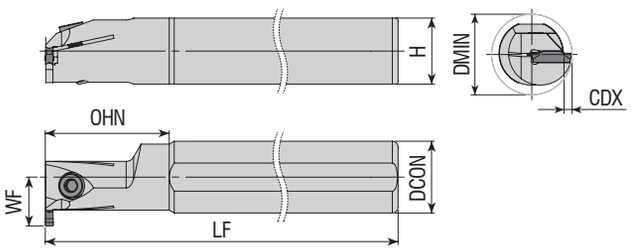
**TNGLY** Ucuna Uygundur. / Compatible with **TNGLY** Insert. / Kompatibel mit **TNGLY** Wendeplatten.

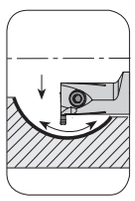
**TNGLY** Ucuna Uygundur. / Compatible with **TNGLY** Insert. / Kompatibel mit **TNGLY** Wendeplatten.



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Pul *Stamp* *Ring* | Anahtar *Allen Key* Innensechskantschlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | HF=H | B | LF | WF | CDX | | | | |
| ADKT-TG-R/L-1616-2-R17 | ● | ○ | 16 | 16 | 125 | 16.2 | 17 | DGM2-020 | AKV-02-M6x22 | ABPL-01 | AAL-03-3 |
| ADKT-TG-R/L-2020-2-T8 | ● | ○ | 20 | 20 | 125 | 20.2 | 8 | | | | |
| ADKT-TG-R/L-2020-2-R12 | ● | ○ | 20 | 20 | 125 | 20.2 | 12 | | | | |
| ADKT-TG-R/L-2020-2-R17 | ● | ○ | 20 | 20 | 125 | 20.2 | 17 | | | | |
| ADKT-TG-R/L-2525-2-T12 | ● | ○ | 25 | 25 | 150 | 25.2 | 12 | | | | |
| ADKT-TG-R/L-2525-2-R17 | ● | ○ | 25 | 25 | 150 | 25.2 | 17 | | | | |
| ADKT-TG-R/L-1616-3-T20 | ● | ○ | 16 | 16 | 125 | 16.3 | 20 | DGM3-020 | 2004-M8x1x20 | - | AAL-05-4 |
| ADKT-TG-R/L-2020-3-T12 | ● | ○ | 20 | 20 | 125 | 20.3 | 12 | | | | |
| ADKT-TG-R/L-2020-3-T20 | ● | ○ | 20 | 20 | 125 | 20.3 | 20 | | | | |
| ADKT-TG-R/L-2525-3-T9 | ● | ○ | 25 | 25 | 150 | 25.3 | 9 | | | | |
| ADKT-TG-R/L-2525-3-T20 | ● | ○ | 25 | 25 | 150 | 25.3 | 20 | | | | |
| ADKT-TG-R/L-2525-3-R25 | ● | ○ | 25 | 25 | 150 | 25.3 | 25 | | | | |
| ADKT-TG-R/L-2525-4-T15 | ● | ○ | 25 | 25 | 150 | 25.5 | 15 | DGM4-030 | | | |
| ADKT-TG-R/L-2525-4-T20 | ● | ○ | 25 | 25 | 150 | 25.5 | 20 | | | | |
| ADKT-TG-R/L-2525-4-T25 | ● | ○ | 25 | 25 | 150 | 25.5 | 25 | | | | |
| ADKT-TG-R/L-2525-5-T12 | ● | ○ | 25 | 25 | 150 | 25.5 | 12 | DGM5-030 | | | |
| ADKT-TG-R/L-2525-5-T25 | ● | ○ | 25 | 25 | 150 | 25.5 | 25 | | | | |
| ADKT-TG-R/L-2525-5-T32 | ● | ○ | 25 | 25 | 150 | 25.5 | 32 | | | | |



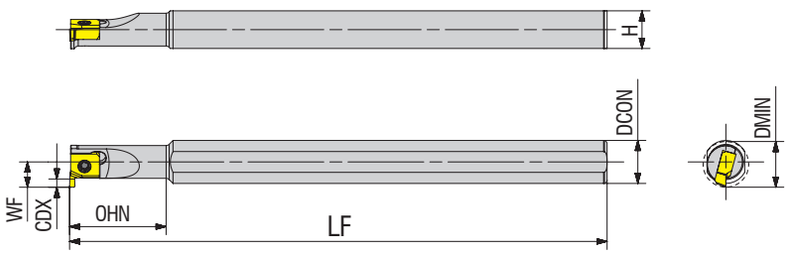



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | DCON | DMIN | LF | OHN | CDX | H | WF | | | |
| AIKT-TG-R/L-20-2-T6 | ● | ○ | 20 | 28 | 160 | 28 | 6 | 18.3 | 15.8 | DGM2-020 | 2503-M4x10 | AAL-03-3 |
| AIKT-TG-R/L-20-3-T6 | ● | ○ | 20 | 28 | 160 | 28 | 6 | 18.3 | 15.8 | DTX3-030 | 2504-M5x12 | AAL-05-4 |
| AIKT-TG-R/L-25-3-T8 | ● | ○ | 25 | 35 | 200 | 28 | 8 | 23 | 21.5 | | 2504-M5x16 | |
| AIKT-TG-R/L-32-3-T10 | ● | ○ | 32 | 43 | 250 | 50 | 10 | 30 | 27 | | 2004-M8x1x20 | |
| AIKT-TG-R/L-32-3-T12 | ● | ○ | 32 | 45 | 250 | 50 | 12 | 30 | 27 | | | |
| AIKT-TG-R/L-32-4-T10 | ● | ○ | 32 | 43 | 250 | 50 | 10 | 30 | 27 | DTX4-040 | | |
| AIKT-TG-R/L-32-5-T10 | ● | ○ | 32 | 43 | 250 | 50 | 10 | 30 | 27 | DTX5-040 | | |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**TNGLY** Ucuna Uygundur. / Compatible with **TNGLY** Insert. / Kompatibel mit **TNGLY** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ADKT-TG-R-1616-2-R17

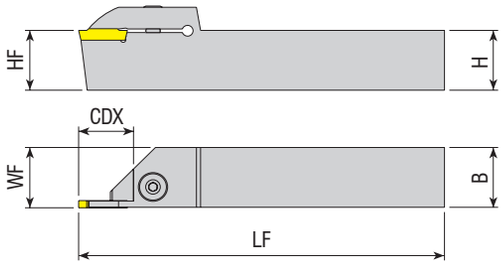
**TNGLY** Ucuna Uygundur. / Compatible with **TNGLY** Insert. / Kompatibel mit **TNGLY** Wendeplatten.

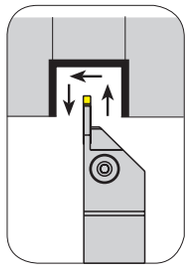



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Anahtar *Allen Key* Innensechskantschlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | DCON | DMIN | LF | OHN | CDX | H | WF | | | |
| **AIKT-6G-R/L-08H** | ● | ● | 8 | 8.50 | 100 | 18 | 1.50 | 7 | 4.70 | **KC06** | 3006-M2x4 | 82-T06 |
| **AIKT-7G-R/L-10K** | ● | ● | 10 | 12.50 | 125 | 25 | 1.50 | 9 | 6.80 | **KC07** | 3007-M2.2X5 | 82-T07 |
| **AIKT-7G-R/L-12M** | ● | ● | 12 | 15.50 | 150 | 20 | 1.50 | 11 | 8.60 | | | |
| **AIKT-8G-R/L-10K** | ● | ● | 10 | 13.50 | 125 | 15 | 2 | 9 | 7.60 | **KC08** | | |
| **AIKT-8G-R/L-12M** | ● | ● | 12 | 15.50 | 150 | 20 | 2 | 11 | 8.60 | | | |
| **AIKT-9G-R/L-16R** | ● | ● | 16 | 20 | 200 | 20 | 3 | 15 | 11.60 | **KC09** | 3008-M2.5x8 | 82-T08 |

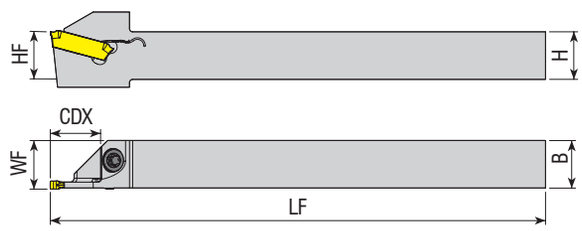
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AIKT-6G-R-08H

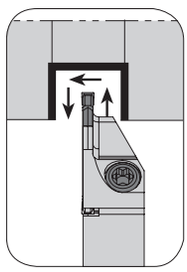
**WLTR** Ucuna Uygundur. / Compatible with **WLTR** Insert. / Kompatibel mit **WLTR** Wendeplatten.



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Pul *Stamp* *Ring* | Anahtar *Allen Key* Innensechskantschlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | HF=H | B | LF | WF | CDX | | | | |
| ADKT-WGX16-R/L-2020-2-R16 | ● | ○ | 20 | 20 | 125 | 20.2 | 16 | **GX16. - 2** | AKV-02-M6x22 | ABPL-01 | AAL-03-3 |
| ADKT-WGX16-R/L-2525-2-R16 | ● | ○ | 25 | 25 | 150 | 25.2 | 16 | | | | |
| ADKT-WGX24-R/L-2020-3-T20 | ● | ● | 20 | 20 | 125 | 20.4 | 20 | **GX24. - 3** | 2004-M8x1x20 | - | AAL-05-4 |
| ADKT-WGX24-R/L-2525-3-T12 | ● | ● | 25 | 25 | 150 | 25.4 | 12 | | | | |
| ADKT-WGX24-R/L-2525-3-T22 | ● | ● | 25 | 25 | 150 | 25.4 | 22 | | | | |
| ADKT-WGX24-R/L-3232-3-T22 | ● | ○ | 32 | 32 | 170 | 32.4 | 22 | | | | |
| ADKT-WGX24-R/L-2525-4-T22 | ● | ● | 25 | 25 | 150 | 25.5 | 22 | **GX24. - 4** | | | |
| new ADKT-WGX24-R/L-2525-4-T25 | ● | ● | 25 | 25 | 150 | 24.4 | 25 | | | | |
| ADKT-WGX24-R/L-2525-5-T25 | ● | ● | 25 | 25 | 150 | 25.5 | 25 | **GX24. - 5** | | | |
| ADKT-WGX24-R/L-3232-5-T25 | ● | ● | 32 | 32 | 170 | 32.5 | 25 | | | | |



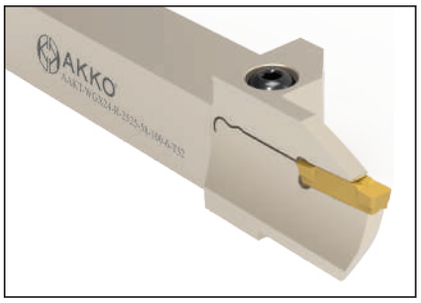



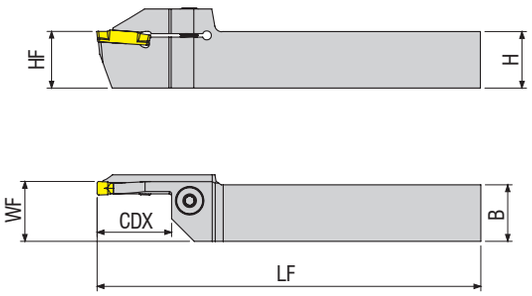
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Pul *Stamp* *Ring* | Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | HF=H | B | LF | WF | CDX | | | | |
| ADKT-WGX16-R/L-1212-2-R12-K-S | ● | ● | 12 | 12 | 125 | 12.2 | 12 | **GX16. - 2** | 4015-M4x11 | - | 80-T15 |
| ADKT-WGX16-R/L-1616-2-R16-K-S | ● | ○ | 16 | 16 | 125 | 16.2 | 16 | | | | |
| ADKT-WGX24-R/L-1616-3-R16-K-S | ● | ○ | 16 | 16 | 125 | 16.3 | 16 | **GX24. - 3** | | | |

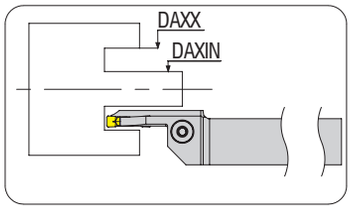
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**WLTR** Ucuna Uygundur. / Compatible with **WLTR** Insert. / Kompatibel mit **WLTR** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ADKT-WGX16-R-2020-2-R16

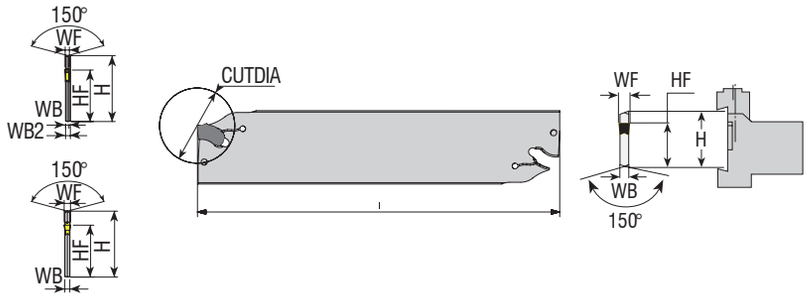
**WLTR** Ucuna Uygundur. / Compatible with **WLTR** Insert. / Kompatibel mit **WLTR** Wendeplatten.






| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* | | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* | | | | | | | Kesici Uç / *Insert* / *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | Sıkma Vidası / *Screw* / *Klemmschraube* | Pul / *Stamp* / *Ring* | Anahtar / *Allen Key* / Innensechskantschlüssel |
| | R | L | HF=H | B | LF | WF | CDX | DAXIN | DAXX | | | | |
| **AAKT-WGX24-R/L-2525-58-100-6-T32** | ● | ○ | 25 | 25 | 170 | 26.5 | 32 | 58 | 100 | **GX24.-6** | 2004-M8x1x20 | - | AAL-05-4 |
| **AAKT-WGX24-R/L-2525-88-180-6-T32** | ● | ○ | 25 | 25 | 170 | 26.5 | 32 | 88 | 180 | | | | |

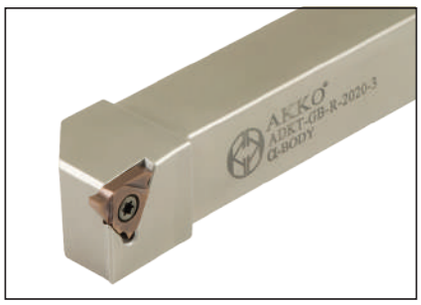


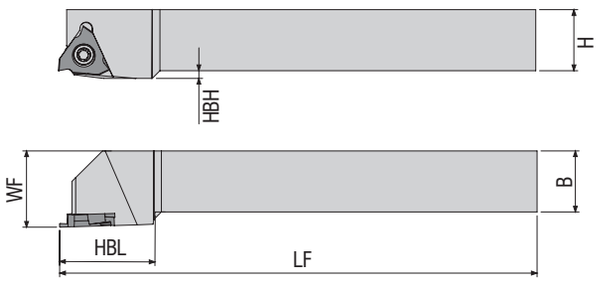

| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* | | | | | | | | Kesici Uç / *Insert* / *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | Anahtar / *Allen Key* / Innensechskantschlüssel |
| | | H | WF | WB2 | WB | l | HF | CUTDIA | Fig. | | |
| **AKL-SX-32-3** | ● | 32 | 3 | - | 2.40 | 150 | 24.50 | - | 2 | **SX-3E.300N** | ALA-04 |
| **AKL-SX-32-4** | ● | 32 | 4 | - | 3.40 | 150 | 24.50 | - | 2 | **SX-4E.400N** | |
| **AKL-SX-32-5** | ● | 32 | 5 | - | 4.30 | 150 | 24.40 | - | 2 | **SX-5E.500N** | |
| **AKL-SX-32-6** | ● | 32 | 6 | - | 5.30 | 150 | 24.30 | - | 2 | **SX-5E.600N** | |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock /*Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
Blok bilgileri için sayfa 175'e gidin. / For block information, go to page 175. / Informationen zu den spannblock finden Sie auf Seite 175.
**WLTR** Ucuna Uygundur. / Compatible with **WLTR** Insert. / Kompatibel mit **WLTR** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AAKT-WGX24-R-2525-58-100-6-T32

**XTC-GSC** Ucuna Uygundur. / Compatible with **XTC-GSC** Insert. / Kompatibel mit **XTC-GSC** Wendeplatten.

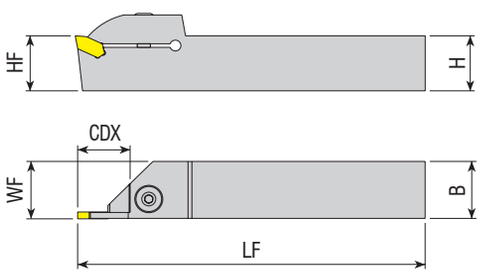


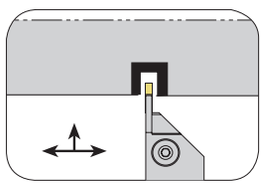



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Sıkma Vidası *Screw* *Klemmschraube* | Pul *Stamp* *Ring* | Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel* |
| | R | L | HF=H | B | LF | WF | | | | |
| ADKT-GB-R/L-1212-3 | ● | ○ | 12 | 12 | 100 | 16 | **GB3100** | 4015-M3.5x10 | - | 80-T15 |
| ADKT-GB-R/L-1616-3 | ● | ○ | 16 | 16 | 125 | 20 | | | | |
| ADKT-GB-R/L-2020-3 | ● | ○ | 20 | 20 | 125 | 25 | | | | |

**XTC-GSC** Ucuna Uygundur. / Compatible with **XTC-GSC** Insert. / Kompatibel mit **XTC-GSC** Wendeplatten.

**ZCC** Ucuna Uygundur. / Compatible with **ZCC** Insert. / Kompatibel mit **ZCC** Wendeplatten.



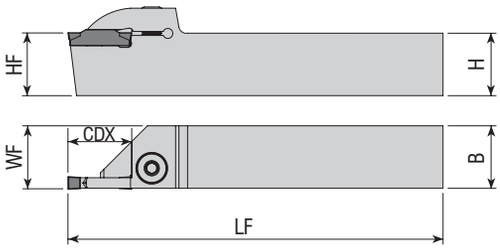



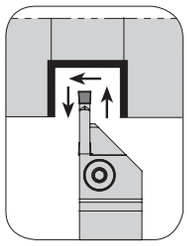
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Sıkma Vidası *Screw* *Klemmschraube* | Pul *Stamp* *Ring* | Anahtar *Allen Key* Innensechskantschlüssel |
| | R | L | HF=H | B | LF | WF | CDX | | | | |
| ADKT-ZCC1-R/L-2020-3-T20 | ● | ○ | 20 | 20 | 125 | 20.3 | 20 | **ZQMX - 3** | 2004-M8x1x20 | - | AAL-05-4 |
| ADKT-ZCC1-R/L-2525-3-T22 | ● | ○ | 25 | 25 | 150 | 25.3 | 22 | | | | |
| ADKT-ZCC1-R/L-2020-4-T20 | ● | ○ | 20 | 20 | 125 | 20.4 | 20 | **ZQMX - 4** | | | |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**ZCC** Ucuna Uygundur. / Compatible with **ZCC** Insert. / Kompatibel mit **ZCC** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ADKT-GB-R-1212-3

**ZCC** Ucuna Uygundur. / Compatible with **ZCC** Insert. / Kompatibel mit **ZCC** Wendeplatten.



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Sıkma Vidası *Screw* *Klemmschraube* | Pul *Stamp* *Ring* | Anahtar *Allen Key* Innensechskantschlüssel |
| | R | L | HF=H | B | LF | WF | CDX | | | | |
| ADKT-ZCC2-R/L-1616-2-T15 | ● | ● | 16 | 16 | 125 | 16.2 | 15 | **Z.BD - 2** | AKV-02-M6x22 | ABPL-01 | AAL-03-3 |
| ADKT-ZCC2-R/L-2020-2-T7 | ● | ● | 20 | 20 | 125 | 20.2 | 7 | | | | |
| ADKT-ZCC2-R/L-2020-2-T15 | ● | ● | 20 | 20 | 125 | 20.2 | 15 | | | | |
| ADKT-ZCC2-R/L-2525-2-T15 | ● | ● | 25 | 25 | 150 | 25.2 | 15 | | | | |
| ADKT-ZCC2-R/L-1616-2.5-T15 | ● | ● | 16 | 16 | 125 | 16.3 | 15 | **Z.ED - 2.5** | 2004-M8x1x20 | - | AAL-05-4 |
| ADKT-ZCC2-R/L-2020-2.5-T17 | ● | ● | 20 | 20 | 125 | 20.3 | 17 | | | | |
| ADKT-ZCC2-R/L-2525-2.5-T15 | ● | ● | 25 | 25 | 150 | 25.3 | 15 | | | | |
| ADKT-ZCC2-R/L-1616-3-T15 | ● | ● | 16 | 16 | 125 | 16.3 | 15 | **Z.FD - 3** | | | |
| ADKT-ZCC2-R/L-1616-3-T17 | ● | ○ | 16 | 16 | 125 | 16.3 | 17 | | | | |
| ADKT-ZCC2-R/L-1616-3-T20 | ● | ○ | 16 | 16 | 125 | 16.3 | 20 | | | | |
| ADKT-ZCC2-R/L-2020-3-T12 | ● | ● | 20 | 20 | 125 | 20.3 | 12 | | | | |
| ADKT-ZCC2-R/L-2020-3-T20 | ● | ● | 20 | 20 | 125 | 20.3 | 20 | | | | |
| ADKT-ZCC2-R/L-2020-3-R21 | ● | ○ | 20 | 20 | 125 | 20.3 | 21 | | | | |
| ADKT-ZCC2-R/L-2020-3-R25 | ● | ● | 20 | 20 | 125 | 20.3 | 25 | | | | |
| ADKT-ZCC2-R/L-2525-3-T12 | ● | ○ | 25 | 25 | 150 | 25.3 | 12 | | | | |
| ADKT-ZCC2-R/L-2525-3-T22 | ● | ● | 25 | 25 | 150 | 25.3 | 22 | | | | |
| ADKT-ZCC2-R/L-2525-3-R30 | ● | ● | 25 | 25 | 150 | 25.3 | 30 | | | | |
| ADKT-ZCC2-R/L-2020-4-T12 | ● | ○ | 20 | 20 | 125 | 20.5 | 12 | **Z.GD - 4** | | | |
| ADKT-ZCC2-R/L-2020-4-T20 | ● | ● | 20 | 20 | 125 | 20.5 | 20 | | | | |
| ADKT-ZCC2-R/L-2525-4-T12 | ● | ● | 25 | 25 | 150 | 25.5 | 12 | | | | |
| ADKT-ZCC2-R/L-2525-4-T22 | ● | ● | 25 | 25 | 150 | 25.5 | 22 | | | | |
| ADKT-ZCC2-R/L-2020-5-T12 | ● | ○ | 20 | 20 | 125 | 20.5 | 12 | **Z.HD - 5** | | | |
| ADKT-ZCC2-R/L-2020-5-T20 | ● | ● | 20 | 20 | 125 | 20.5 | 20 | | | | |
| ADKT-ZCC2-R/L-2525-5-T12 | ● | ○ | 25 | 25 | 150 | 25.5 | 12 | | | | |
| ADKT-ZCC2-R/L-2525-5-T25 | ● | ● | 25 | 25 | 150 | 25.5 | 25 | | | | |
| ADKT-ZCC2-R/L-3232-5-T25 | ● | ● | 32 | 32 | 170 | 32.5 | 25 | | | | |
| ADKT-ZCC2-R/L-2020-6-T20 | ● | ● | 20 | 20 | 125 | 20.6 | 20 | **Z.KD - 6** | | | |
| ADKT-ZCC2-R/L-2525-6-T25 | ● | ● | 25 | 25 | 150 | 25.6 | 25 | | | | |
| ADKT-ZCC2-R/L-3232-6-T25 | ● | ● | 32 | 32 | 170 | 32.6 | 25 | | | | |
| ADKT-ZCC2-R/L-3232-6-T30 | ● | ● | 32 | 32 | 170 | 32.6 | 30 | | | | |

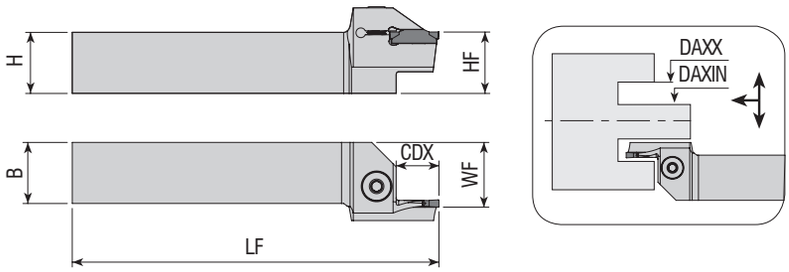
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*

● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

**ZCC** Ucuna Uygundur. / Compatible with **ZCC** Insert. / Kompatibel mit **ZCC** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ADKT-ZCC2-R-1616-2-T15

**ZCC** Ucuna Uygundur. / Compatible with **ZCC** Insert. / Kompatibel mit **ZCC** Wendeplatten.

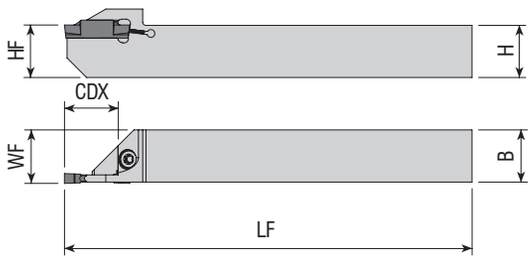


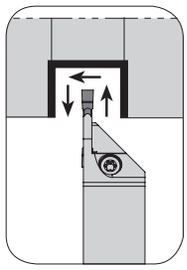

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | Sıkma Vidası *Screw* *Klemmschraube* | Pul *Stamp* *Ring* | Anahtar *Allen Key* Innensechskantschlüssel |
| | R | L | HF=H | B | LF | WF | CDX | DAXIN | DAXX |  | | | |
| AAKT-ZCC2-R/L-2525-140-180-2-T4 | ● | ○ | 25 | 25 | 150 | 26.5 | 4 | 140 | 180 | Z.BD - 2 | | | |
| AAKT-ZCC2-R/L-2525-35-45-3-T17 | ● | ● | 25 | 25 | 150 | 26.5 | 17 | 35 | 45 | | | | |
| AAKT-ZCC2-R/L-2525-39-55-3-T17 | ● | ○ | 25 | 25 | 150 | 26.5 | 17 | 39 | 55 | | | | |
| AAKT-ZCC2-R/L-2525-49-80-3-T17 | ● | ● | 25 | 25 | 150 | 26.5 | 17 | 49 | 80 | | | | |
| AAKT-ZCC2-R/L-2525-70-110-3-T15 | ● | ○ | 25 | 25 | 150 | 26.5 | 15 | 70 | 110 | Z.FD - 3 | | | |
| AAKT-ZCC2-R/L-2525-70-110-3-T17 | ● | ● | 25 | 25 | 150 | 26.5 | 17 | 70 | 110 | | | | |
| AAKT-ZCC2-R/L-2525-100-150-3-T17 | ● | ● | 25 | 25 | 150 | 26.5 | 17 | 100 | 150 | | | | |
| AAKT-ZCC2-R/L-2525-100-150-3-T22 | ● | ● | 25 | 25 | 150 | 26.5 | 22 | 100 | 150 | | | | |
| AAKT-ZCC2-R/L-3232-135-175-3-T5 | ● | ○ | 32 | 32 | 170 | 33.5 | 5 | 135 | 175 | | | | |
| AAKT-ZCC2-R/L-3232-145-175-3-T15 | ● | ○ | 32 | 32 | 170 | 33.5 | 15 | 145 | 175 | Z.HD-3 | | | |
| AAKT-ZCC2-R/L-3232-155-185-3-T7 | ● | ○ | 32 | 32 | 170 | 33.5 | 7 | 155 | 185 | | | | |
| AAKT-ZCC2-R/L-3232-180-215-3-T5 | ● | ○ | 32 | 32 | 170 | 33.5 | 5 | 180 | 215 | | | | |
| AAKT-ZCC2-R/L-2525-40-60-4-T22 | ● | ○ | 25 | 25 | 150 | 26.5 | 22 | 40 | 60 | | | | |
| AAKT-ZCC2-R/L-2525-52-80-4-T22 | ● | ● | 25 | 25 | 150 | 26.5 | 22 | 52 | 80 | Z.GD - 4 | | | |
| AAKT-ZCC2-R/L-2525-72-110-4-T22 | ● | ● | 25 | 25 | 150 | 26.5 | 22 | 72 | 110 | | 2004-M8x1x20 | - | AAL-05-4 |
| AAKT-ZCC2-R/L-2525-100-150-4-T22 | ● | ● | 25 | 25 | 150 | 26.5 | 22 | 100 | 150 | | | | |
| AAKT-ZCC2-R/L-2525-140-200-4-T22 | ● | ● | 25 | 25 | 150 | 26.5 | 22 | 140 | 200 | | | | |
| AAKT-ZCC2-R/L-3232-130-195-4-T10 | ● | ○ | 32 | 32 | 170 | 33.5 | 10 | 130 | 195 | Z.HD-4 | | | |
| AAKT-ZCC2-R/L-2525-55-95-5-T25 | ● | ○ | 25 | 25 | 150 | 26.5 | 25 | 55 | 95 | | | | |
| AAKT-ZCC2-R/L-2525-85-140-5-T25 | ● | ● | 25 | 25 | 150 | 26.5 | 25 | 85 | 140 | | | | |
| AAKT-ZCC2-R/L-2525-100-200-5-T45 | ● | ○ | 25 | 25 | 150 | 26.5 | 45 | 100 | 200 | | | | |
| AAKT-ZCC2-R/L-2525-130-200-5-T25 | ● | ● | 25 | 25 | 150 | 26.5 | 25 | 130 | 200 | Z.HD - 5 | | | |
| AAKT-ZCC2-R/L-2525-190-400-5-T25 | ● | ○ | 25 | 25 | 150 | 26.5 | 25 | 190 | 400 | | | | |
| AAKT-ZCC2-R/L-2525-190-400-5-T35 | ● | ○ | 25 | 25 | 150 | 26.5 | 35 | 190 | 400 | | | | |
| AAKT-ZCC2-R/L-3232-150-215-5-T10 | ● | ○ | 32 | 32 | 170 | 33.5 | 10 | 150 | 215 | | | | |
| AAKT-ZCC2-R/L-2525-200-500-5-T17 | ● | ● | 25 | 25 | 150 | 26.5 | 17 | 200 | 500 | | | | |
| AAKT-ZCC2-R/L-2525-60-110-6-T15 | ● | ○ | 25 | 25 | 150 | 26.5 | 15 | 60 | 110 | Z.KD - 6 | | | |
| AAKT-ZCC2-R/L-3232-160-400-6-T25 | ○ | ● | 32 | 32 | 170 | 33.5 | 25 | 160 | 400 | | | | |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**ZCC** Ucuna Uygundur. / Compatible with **ZCC** Insert. / Kompatibel mit **ZCC** Wendeplatten.

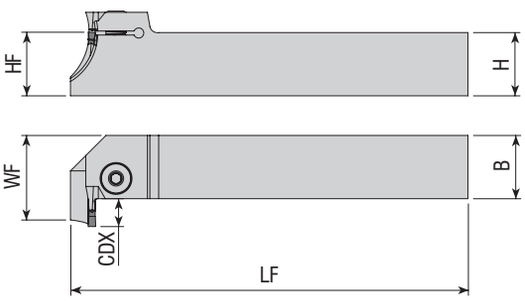
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AAKT-ZCC2-R-2525-140-180-2-T4

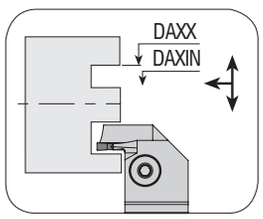
**ZCC** Ucuna Uygundur. / Compatible with **ZCC** Insert. / Kompatibel mit **ZCC** Wendeplatten.



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Pul *Stamp* *Ring* | Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | HF=H | B | LF | WF | CDX | | | | |
| ADKT-ZCC2-R/L-1010-2-T12-K-S | ● | ● | 10 | 10 | 125 | 10.2 | 12 | Z.BD - 2 | 4015-M4x11 | - | 80-T15 |
| ADKT-ZCC2-R/L-1212-2-T12-K-S | ● | ● | 12 | 12 | 125 | 12.2 | 12 | | | | |
| ADKT-ZCC2-R/L-1616-2-R16-K-S | ● | ● | 16 | 16 | 125 | 16.2 | 16 | | | | |
| ADKT-ZCC2-R/L-1212-3-T12-K-S | ● | ● | 12 | 12 | 125 | 12.3 | 12 | Z.FD - 3 | | | |



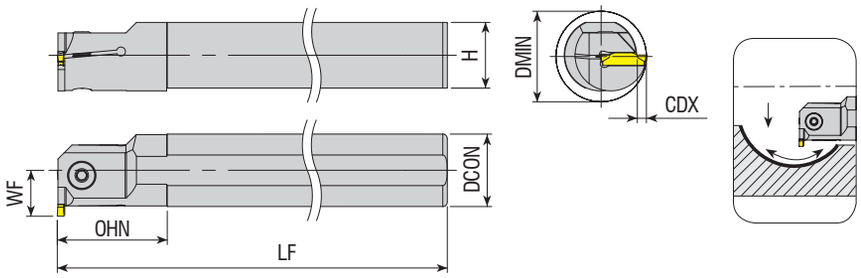




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Pul *Stamp* *Ring* | Anahtar *Allen Key* *Innensechskantschlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | HF=H | B | LF | WF | CDX | DAXIN | DAXX | | | | |
| ALKT-ZCC2-R/L-2525-35-45-3-T10 | ● | ● | 25 | 25 | 150 | 36 | 10 | 35 | 45 | Z.FD - 3 | 2004-M8x1x20 | - | AAL-05-4 |
| ALKT-ZCC2-R/L-2525-39-55-3-T10 | ● | ● | 25 | 25 | 150 | 36 | 10 | 39 | 55 | | | | |
| ALKT-ZCC2-R/L-2525-35-∞-3-T4 | ● | ● | 25 | 25 | 150 | 30 | 4 | 35 | ∞ | | | | |
| ALKT-ZCC2-R/L-2525-40-60-4-T14 | ● | ● | 25 | 25 | 150 | 40 | 14 | 40 | 60 | Z.GD - 4 | | | |
| ALKT-ZCC2-R/L-2525-52-80-4-T14 | ● | ○ | 25 | 25 | 150 | 40 | 14 | 52 | 80 | | | | |
| ALKT-ZCC2-R/L-2525-72-110-4-T14 | ● | ○ | 25 | 25 | 150 | 40 | 14 | 72 | 110 | | | | |
| ALKT-ZCC2-R/L-2525-100-230-4-T14 | ● | ● | 25 | 25 | 150 | 40 | 14 | 100 | 230 | | | | |
| ALKT-ZCC2-R/L-2525-40-∞-4-T4 | ● | ● | 25 | 25 | 150 | 30 | 4 | 40 | ∞ | | | | |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**ZCC** Ucuna Uygundur. / Compatible with **ZCC** Insert. / Kompatibel mit **ZCC** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ADKT-ZCC2-R-1010-2-T12-K-S

**ZCC** Ucuna Uygundur. / Compatible with **ZCC** Insert. / Kompatibel mit **ZCC** Wendeplatten.



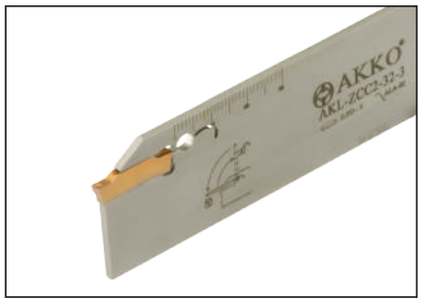

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Anahtar *Allen Key* Innensechskantschlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | DCON | DMIN | LF | OHN | CDX | H | WF | | | |
| AIKT-ZCC2-R/L-16-2-T4 | ● | ○ | 16 | 21 | 150 | 28 | 4 | 14.8 | 12 | **Z.BD - 2** | 2503-M4x10 | AAL-03-3 |
| AIKT-ZCC2-R/L-20-3-T5 | ● | ● | 20 | 27 | 170 | 30 | 5 | 18.3 | 15 | **Z.FD - 3** | 2504-M5x12 | AAL-05-4 |
| AIKT-ZCC2-R/L-20-3-T8 | ● | ○ | 20 | 29 | 170 | 30 | 8 | 18.3 | 18 | | | |
| AIKT-ZCC2-R/L-25-3-T5 | ● | ○ | 25 | 31 | 200 | 40 | 5 | 23 | 17.5 | | 2504-M5x16 | |
| AIKT-ZCC2-R/L-25-3-T10 | ● | ○ | 25 | 36 | 200 | 40 | 10 | 23 | 22.5 | | | |
| AIKT-ZCC2-R/L-32-3-T6 | ● | ○ | 32 | 39 | 250 | 50 | 6 | 30 | 22 | | 2004-M8x1x20 | |
| AIKT-ZCC2-R/L-32-3-T8 | ● | ○ | 32 | 41 | 250 | 50 | 8 | 30 | 24 | | | |
| AIKT-ZCC2-R/L-32-3-T13 | ● | ○ | 32 | 46 | 250 | 50 | 13 | 30 | 29 | | | |
| AIKT-ZCC2-R/L-40-3-T12 | ● | ○ | 40 | 53 | 300 | 55 | 12 | 37.5 | 32 | | | |
| AIKT-ZCC2-R/L-25-4-T6 | ● | ○ | 25 | 32 | 200 | 40 | 6 | 23 | 18.5 | **Z.GD - 4** | 2504-M5x16 | |
| AIKT-ZCC2-R/L-32-4-T7 | ● | ○ | 32 | 40 | 250 | 50 | 7 | 30 | 23 | | | |
| AIKT-ZCC2-R/L-32-4-T8 | ● | ○ | 32 | 41 | 250 | 50 | 8 | 30 | 24 | | | |
| AIKT-ZCC2-R/L-32-4-T10 | ● | ○ | 32 | 43 | 250 | 50 | 10 | 30 | 26 | | 2004-M8x1x20 | |
| new AIKT-ZCC2-R/L-25-5-T7 | ● | ● | 25 | 34 | 200 | 40 | 7 | 23 | 19.5 | **Z.HD - 5** | | |
| AIKT-ZCC2-R/L-32-5-T7 | ● | ○ | 32 | 40 | 250 | 50 | 7 | 30 | 23 | | | |
| AIKT-ZCC2-R/L-32-5-T8 | ● | ○ | 32 | 41 | 250 | 50 | 8 | 30 | 24 | | | |
| AIKT-ZCC2-R/L-40-5-T8 | ● | ○ | 40 | 49 | 300 | 55 | 8 | 37.5 | 28 | | | |
| AIKT-ZCC2-R/L-40-5-T10 | ● | ○ | 40 | 51 | 300 | 55 | 10 | 37.5 | 30 | | | |

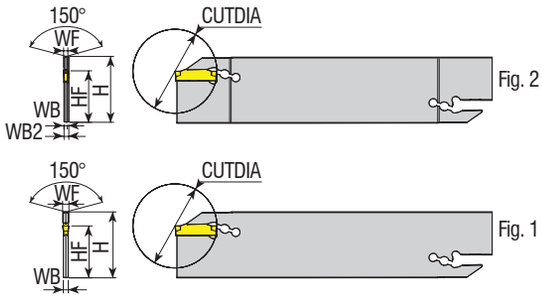
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**ZCC** Ucuna Uygundur. / Compatible with **ZCC** Insert. / Kompatibel mit **ZCC** Wendeplatten.

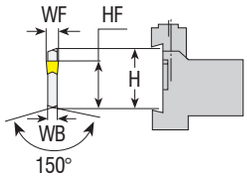
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AIKT-ZCC2-R/L-16-2-T4

**ZCC** Ucuna Uygundur. / Compatible with **ZCC** Insert. / Kompatil

**ZCC** Ucuna Uygundur. / Compatible with **ZCC** Insert. / Kompatibel mit **ZCC** Wendeplatten.

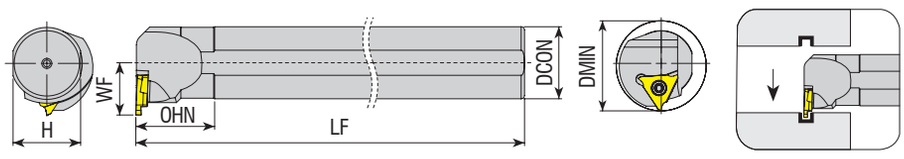





| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* *Ersatzteile* Anahtar *Allen Key* Innensechskantschlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | H | WF | WB2 | WB | l | HF | CUTDIA | Fig. | | |
| **AKL-ZCC2-32-3** | ● | 32 | 3 | - | 2.40 | 150 | 25 | 39 | 1 | **Z.FD-3** | ALA-02 |
| **AKL-ZCC2-32-4** | ● | 32 | 4 | - | 3.20 | 150 | 25 | 50.8 | 1 | **Z.FD-4** | |
| **AKL-ZCC2-32-5** | ● | 32 | 5 | - | 4 | 150 | 25 | 50.8 | 1 | **Z.FD-5** | |

Blok bilgileri için sayfa 175'e gidin. / For block information, go to page 175. / Informationen zu den spannblock finden Sie auf Seite 175.




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | DCON | DMIN | LF | OHN | CDX | H | WF | | | |
| **AIKT-QC11-R/L-20-(0.5-1.8)** | ● | ○ | 20 | 16 | 150 | 40 | - | 18.3 | 11.1 | **QC11R/L (0.50-1.80)** | 3008 M2.5x6 | 82-T08 |
| **AIKT-QC16-R/L-20-(0.5-1.8)** | ○ | ○ | 20 | 25 | 150 | 35 | - | 18.3 | 13.5 | **QC16R/L (0.50-1.80)** | 4015-M3.5x10 | 80-T15 |
| **AIKT-QC16-R/L-20-(0.5-2.5)** | ● | ○ | 20 | 25 | 150 | 35 | - | 18.3 | 13.5 | **QC16R/L (0.50-2.50)** | | |
| **AIKT-QC22-R/L-25-(1-2.3)** | ○ | ○ | 25 | 35 | 150 | 35 | - | 23 | 18.2 | **QC22R/L (1.00-2.30)** | 1020 M5x11 | 80-T20 |
| **AIKT-QC22-R/L-25-(2.5-3.3)** | ● | ○ | 25 | 35 | 150 | 35 | - | 23 | 18.2 | **QC22R/L (2.50-3.30)** | | |
| **AIKT-QC22-R/L-25-(3.3-4.8)** | ● | ○ | 25 | 35 | 150 | 35 | - | 23 | 18.2 | **QC22R/L (3.30-4.80)** | | |
| **AIKT-QC22-R/L-32-(1-2.3)** | ○ | ○ | 32 | 45 | 150 | 35 | - | 30 | 23.2 | **QC22R/L (1.00-2.30)** | | |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*

● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

**ZCC** Ucuna Uygundur. / Compatible with **ZCC** Insert. / Kompatibel mit **ZCC** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AKL-ZCC2-32-3

AKKO®

# DELİK DELME ve İŞLEME TAKIMLARI

## *DRILLING and HOLEMAKING TOOLS*

### *BOHRWERKZEUGE*

AKKO®

*konuşulan*
*the spoken kalite...*
*quality...*

# U-DRILL

**TAKMA UÇLU MATKAPLAR**
*U-DRILL SYSTEM*
*VOLLBOHRER*

www.akko.com.tr

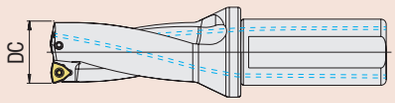
| AKKO A | TUM | 16 | x | D3 |
|---|---|---|---|---|
| 1 | 2 | 3 | | 4 |

| S | P | G | T | 06 | 02 | 04 |
|---|---|---|---|---|---|---|
| 5 | 6 | 7 | 8 | 9 | 10 | 11 |

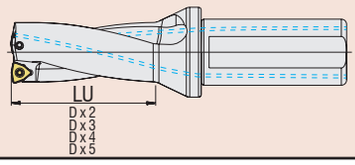
## 2 Kesici Stili / *Cutter Style* *Werkzeugtyp*

TUM: Takma Uçlu Matkap
*U-Drill*
*Vollbohrer*

## 3 Takım Çapı / *Tool Diameter* / *Werkzeugdurchmesser*




## 4 Delme Derinliği / *Drilling Depth* / *Bohrtiefe*



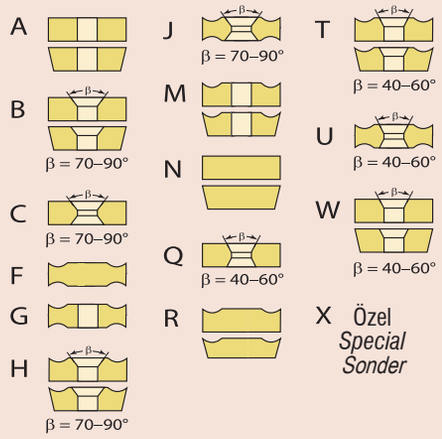

## 5 Uç Şekli / *Insert Form* *Plattenform*

| W | S |
|---|---|

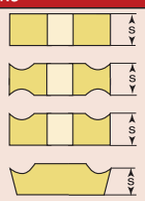
## 6 Serbest Uç Açısı / *Clearance angle of Insert* *Freiwinkel der Wendeschneidplatte*

| C | P |
|---|---|

## 8 Uç Tipi / *Insert Type* *Plattentyp*

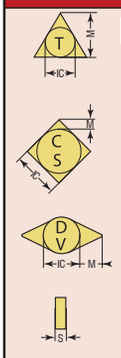



## 10 Kalınlık / *Thickness* *Dicke*




| | |
|---|---|
| 01 | s = 1.59 |
| T1 | s = 1.98 |
| 02 | s = 2.38 |
| T2 | s = 2.78 |
| 03 | s = 3.18 |
| T3 | s = 3.97 |
| 04 | s = 4.76 |
| 05 | s = 5.56 |
| 06 | s = 6.35 |
| 07 | s = 7.94 |
| 09 | s = 9.52 |

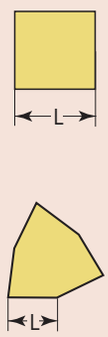
## 7 Toleranslar / *Tolerance Classes* / *Toleranzen*



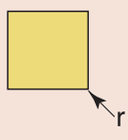

| | IC | M | S |
|---|---|---|---|
| A | ± 0.025 | ± 0.005 | ± 0.025 |
| C | ± 0.025 | ± 0.013 | ± 0.025 |
| E | ± 0.025 | ± 0.025 | ± 0.025 |
| F | ± 0.013 | ± 0.005 | ± 0.025 |
| G | ± 0.025 | ± 0.025 | ± 0.130 |
| H | ± 0.013 | ± 0.013 | ± 0.025 |
| J | ± 0.05–0.1 5 | ± 0.005 | ± 0.025 |
| K | ± 0.05–0.1 5 | ± 0.013 | ± 0.025 |
| L | ± 0.05–0.1 5 | ± 0.025 | ± 0.025 |
| M | ± 0.05–0.1 5 | ± 0.08–0.20 | ± 0.130 |
| N | ± 0.05–0.1 5 | ± 0.08–0.20 | ± 0.025 |
| U | ± 0.08–0.2 5 | ± 0.13 –0.38 | ± 0.130 |

IC : Daire Ölçüsü / Inscribed Circle /*Kreisgröße*
M : Şekle Göre / Refer to Figure / *Siehe Abbildung*
*S : Kalınlık / Thickness / Dicke*

## 9 Kesme Kenar Uzunluğu / *Cutting Edge Length* *Schneidkantenlänge*




## 11 Köşe Konfigürasyonu / *Corner Radius* *Eckenradius*




| | |
|---|---|
| 01 | r = 0. 1 |
| 02 | r = 0. 2 |
| 04 | r = 0. 4 |
| 08 | r = 0. 8 |
| 12 | r = 1. 2 |
| 16 | r = 1. 6 |
| 24 | r = 2. 4 |

# HELİSEL İÇTEN SU VERME KANALLI MATKAPLAR
# INDEXABLE DRILLS WITH HELICAL COOLANT HOLE
# INDIZIERBARE VOLLBOHRER MIT HELIX KÜHLUNGSHÖHLEN

*Farklı çaplarda ve ALFA KAPLAMA teknolojisi ile siparişe hazır.*

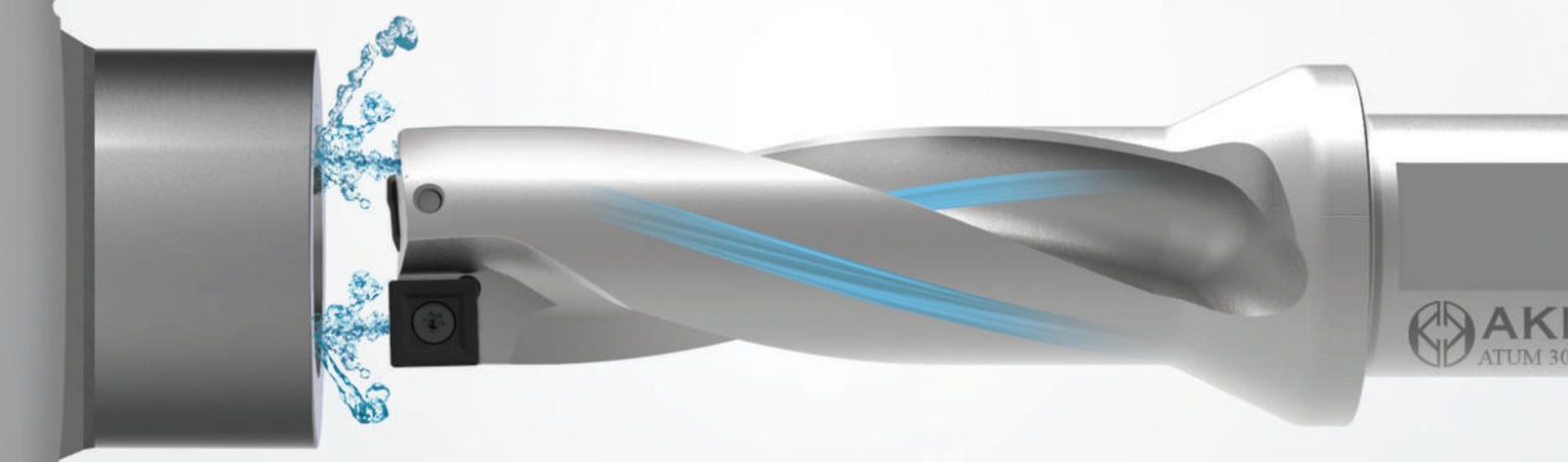
***They are ready to order in different diameters and with ALPHA COATING technology.***

***Die Vollbohrer sind in unterschiedlichen Dimensionen und mit ALFABESCHICHTUNGSTECHNOLOGY bereit für die Bestellungen.***

- Helisel içten su verme kanallı
- Üstün Alpha Kaplama Teknolojisi
- 1000 Vickers'e dayanan yüksek yüzey sertliği
- Aşınmaya karşı yüksek direnç
- Dengeli ve hassas kesim

- Helical Internal Coolant Holes
- Superior Alpha Coating Technology
- High surface hardness up to 1000 Vickers
- High resistance to abrasion
- Balanced and precise cutting

- Helix innterne Kühlungshöhlen
- Überragende Alphabeschichtungsstechnologie
- Hohe Oberflächen Härte bis zu 1000 Vickers.
- Hoher Widerstand gegen Abnutzung
- Ausgewogene und präzise Bearbeitung



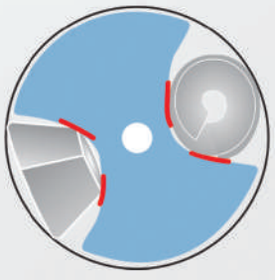

✱ *STOK DURUMU / **STOCK STATUS** / STOCK STATUS*

**D2 / D3 / D4 / D5**

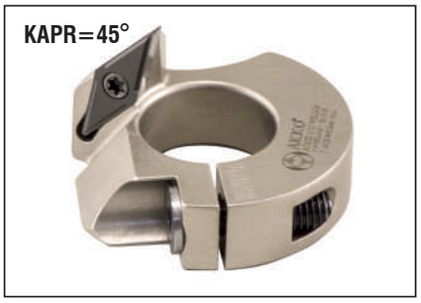
✱ *Helisel İçten Su Verme Kanalı*
***Twisted Coolant Hole***
*Spiralförmige Kühlungshöhlen*

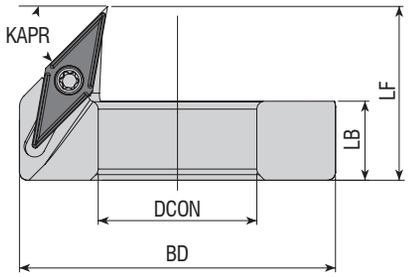
*AKKO HELİSEL KANAL TEKNOLOJİSİ*
***AKKO HELICAL CHANNEL TECHNOLOGY***
*AKKO HELIX KANAL TECHNOLOGIE*

*RAKİPLER*
***COMPETITORS***
*KONKURRENZ*



**ISO** Ucuna Uygundur. / Compatible with **ISO** Insert. / Kompatibel mit **ISO** Wendeplatten.




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kullanılacak ATUM Ölçüsü *Compatible ATUM Diameter* *Verwendeter Vollbohrer* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* | Montaj Vida Anahtarı *Mounting Screw Key* |
| | | BD | DCON | LB | LF | ATUM Ø | | | | | |
| **ADCR-120-VB1103** | ● | 32 | 12 | 10 | 22 | 12.5 | | | | | |
| **ADCR-125-VB1103** | ● | 32.5 | 12.5 | 10 | 22 | 13 | | | | | |
| **ADCR-130-VB1103** | ● | 33 | 13 | 10 | 22 | 13.5 | | | | | |
| **ADCR-135-VB1103** | ● | 33.5 | 13.5 | 10 | 22 | 14 | | | | | |
| **ADCR-140-VB1103** | ● | 34 | 14 | 10 | 22 | 14.5 | | | | | |
| **ADCR-145-VB1103** | ● | 34.5 | 14.5 | 10 | 22 | 15 | | | | | |
| **ADCR-150-VB1103** | ● | 35 | 15 | 10 | 22 | 15.5 -16 | | | | | |
| **ADCR-155-VB1103** | ● | 35.5 | 15.5 | 10 | 22 | 16.5 | | | | | |
| **ADCR-160-VB1103** | ● | 36 | 16 | 10 | 22 | 17 | | | | | |
| **ADCR-165-VB1103** | ● | 36.5 | 16.5 | 10 | 22 | 17.5 | | | | | |
| **ADCR-170-VB1103** | ● | 37 | 17 | 10 | 22 | 18 | | | | | |
| **ADCR-175-VB1103** | ● | 37.5 | 17.5 | 10 | 22 | 18.5 | | | | | |
| **ADCR-180-VB1103** | ● | 38 | 18 | 10 | 22 | 19 | | | | | |
| **ADCR-185-VB1103** | ● | 38.5 | 18.5 | 10 | 22 | 19.5 | | | | | |
| **ADCR-190-VB1103** | ● | 39 | 19 | 10 | 22 | 20 | | | | | |
| **ADCR-195-VB1103** | ● | 39.5 | 19.5 | 10 | 22 | 20.5 | | | | | |
| **ADCR-200-VB1103** | ● | 40 | 20 | 10 | 22 | 21 | | | | | |
| **ADCR-205-VB1103** | ● | 40.5 | 20.5 | 10 | 22 | 21.5 | | | | | |
| **ADCR-210-VB1103** | ● | 41 | 21 | 10 | 22 | 22 | **VB.T 1103..** | 4008-M2.5x6 | 82-T08 | AAV-14-M5x14 | AAL-03-3 |
| **ADCR-215-VB1103** | ● | 41.5 | 21.5 | 10 | 22 | 22.5 | | | | | |
| **ADCR-220-VB1103** | ● | 42 | 22 | 10 | 22 | 23 | | | | | |
| **ADCR-225-VB1103** | ● | 42.5 | 22.5 | 10 | 22 | 23.5 | | | | | |
| **ADCR-230-VB1103** | ● | 43 | 23 | 10 | 22 | 24 | | | | | |
| **ADCR-235-VB1103** | ● | 43.5 | 23.5 | 10 | 22 | 24.5 | | | | | |
| **ADCR-240-VB1103** | ● | 44 | 24 | 10 | 22 | 25 | | | | | |
| **ADCR-245-VB1103** | ● | 44.5 | 24.5 | 10 | 22 | 25.5 | | | | | |
| **ADCR-250-VB1103** | ● | 45 | 25 | 10 | 22 | 26 | | | | | |
| **ADCR-255-VB1103** | ● | 45.5 | 25.5 | 10 | 22 | 26.5 | | | | | |
| **ADCR-260-VB1103** | ● | 46 | 26 | 10 | 22 | 27 | | | | | |
| **ADCR-265-VB1103** | ● | 46.5 | 26.5 | 10 | 22 | 27.5 | | | | | |
| **ADCR-270-VB1103** | ● | 47 | 27 | 10 | 22 | 28 | | | | | |
| **ADCR-275-VB1103** | ● | 47.5 | 27.5 | 10 | 22 | 28.5 | | | | | |
| **ADCR-280-VB1103** | ● | 48 | 28 | 10 | 22 | 29 | | | | | |
| **ADCR-285-VB1103** | ● | 48.5 | 28.5 | 10 | 22 | 29.5 | | | | | |
| **ADCR-290-VB1103** | ● | 49 | 29 | 10 | 22 | 30 | | | | | |
| **ADCR-295-VB1103** | ● | 49.5 | 29.5 | 10 | 22 | 30.5 | | | | | |
| **ADCR-300-VB1103** | ● | 50 | 30 | 10 | 22 | 31 | | | | | |

R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*

● Stokta / In Stock / *Auf Lager*  ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

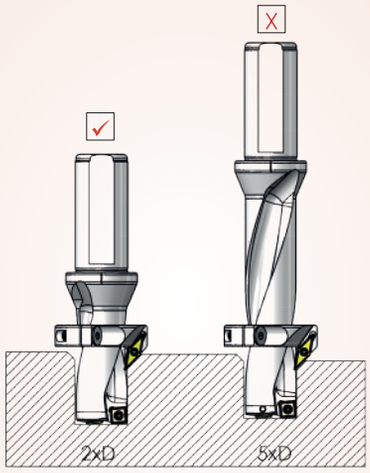
**ISO** Ucuna Uygundur. / Compatible with **ISO** Insert. / Kompatibel mit **ISO** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ADCR-120-VB1103

Delik Pahlama Bileziği Kullanım Kılavuzu : S 232 / *User's Guide For Drill Chamfering Ring Tools : P 232*
*Technische Information Für Bohrer-Fasringwerkzeuge: P 232*

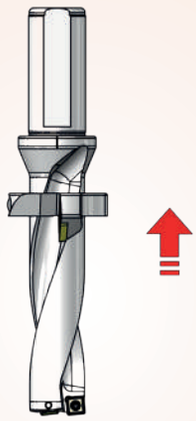
## Tavsiye Edilen / *Recommended / Empfehlung*

**A**



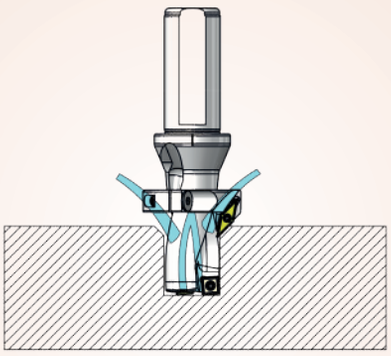

Mümkünse, her zaman kısa bir delme takımı kullanın. Değilse, titreşimi en aza indirmek için kesme hızını azaltın.
*If possible, use it always short drilling tools. Otherwise, reduce your speeds to minimize vibration.*
*Bitte möglichst kurze Bohrwerkzeuge verwenden. Sollte dies nicht möglich sein, reduzieren Sie bitte die Geschwindigkeit, um Vibrationen zu vermeiden.*

**B**



Mümkün olduğunca pah kırma halkasını şaft kısmına yakın montaj yap.
*Get close to the mounting shaft of the chamfering ring as possible.*
*Befestigen Sie den Fasing möglichst nah am Schaft.*

**C**



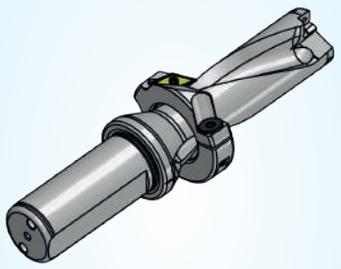
Daha iyi uç ömrü için harici soğutucu ve matkap ucu iç soğutucu uygulamak.
*Apply external cooling and internal coolant drill for a better life for inserts.*
*Setzen Sie innere und äußere Kühlung ein, um die Standzeit der Wendeplatten zu erhöhen.*

## Montaj Şekli / *Mounting System / Montage-Hinweise*

**1**

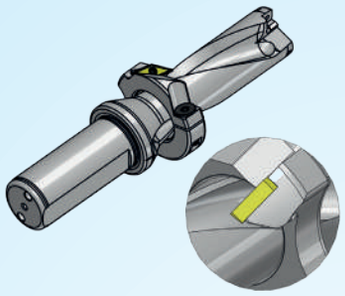
Matkap gövdesi üzerine pah kırma halkasını takın.
*Put the chamfering ring to drill body.*
*Schieben Sie den Fasring auf den Bohrkörper.*

**2**



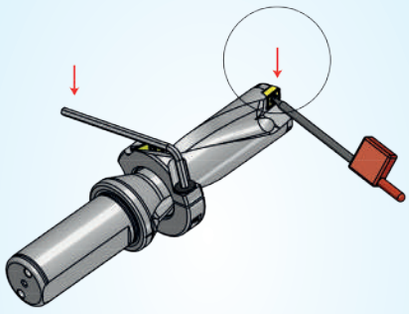
İstenilen konuma pah kırma halkasını kaydırın.
*Please slide chamfering ring to the desired position.*
*Befestigen Sie den Fasring an der gewünschten Position.*

**3**



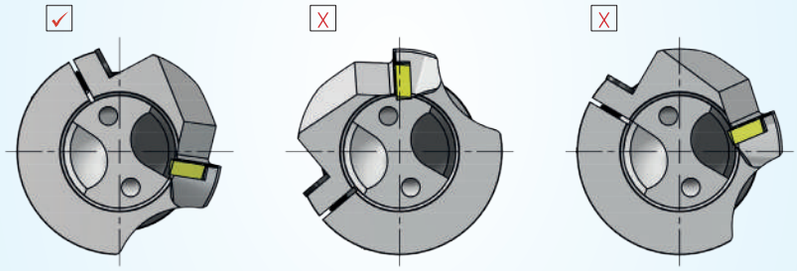
Pah kırma halkasını talaş akışına mani olmayacak şekilde helis başlangıcına denk getirin.
*Please keep chamfering ring position which will not resist to fluiding chips and try to be equal to the helix start points.*
*Positionieren Sie den Fasring bündig mit der Bohrerspirale um einen problemlosen Spänetransport zu gewährleisten.*

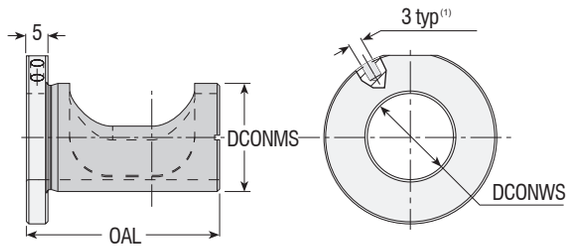
**4**



Pah kırma halkasını sıkın ve matkabın uçlarını takın.
*Tightening the chamfering ring and put the drill insert.*
*Den Fasring festziehen und die Bohr-Wendeplatten einbauen.*

Pah kırma halkasının doğru montaj şekli.
*Proper installation of chamferring rings.*
*Korrekte Montage des Fasrings.*





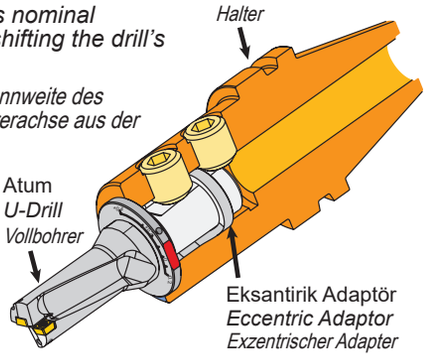

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | |
|---|---|---|---|---|
| | | DCONWS | DCONMS | OAL |
| **AET-2025** | ● | 20 | 25 | 44 |
| **AET-2532** | ● | 25 | 32 | 46 |
| **AET-3240** | ● | 32 | 40 | 55 |

■ (1) Delik ince bir metal yardımıyla adaptörün radyal olarak ayarlanmasını kolaylaştırmak için kullanılır. / Holes for inserting a pin, used to facilitate radial adjustment of the sleeve (pin not supplied).
*Bohrung zum Einsetzen eines Stiftes mit dem der Adapter radial eingestellt werden kann (Stift ist nicht im Lieferumfang enthalten).*

Frezeleme tezgahında takma uçlu matkabın nominal çapı, matkabın ekseninin, spindle eksenine göre ötelenmesiyle değiştirilebilir.

*On a milling machine the drill's nominal diameter can be changed by shifting the drill's axis out of the tool spindle.*

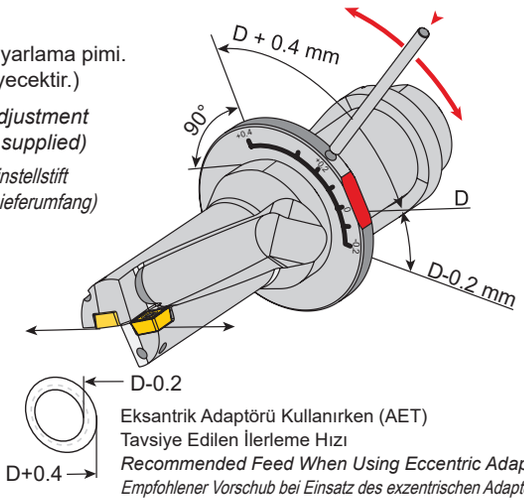
*Auf einer Fräsmaschine kann die Nennweite des Bohrers durch Verschieben der Bohrerachse aus der Spindelachse verändert werden..*



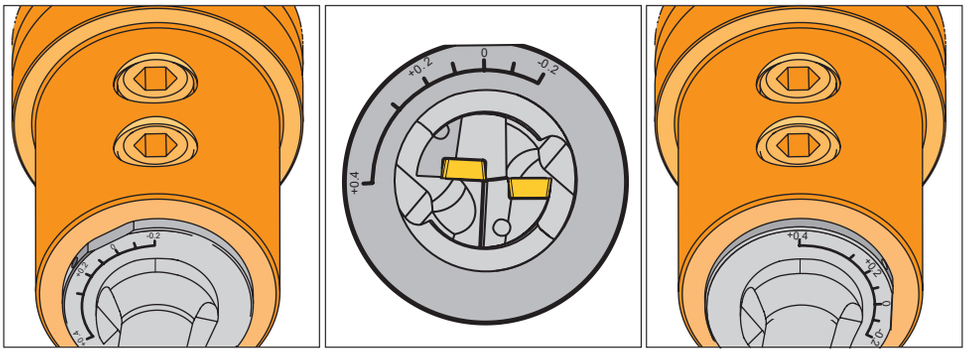

Radyal ayarlama pimi. (Verilmeyecektir.)

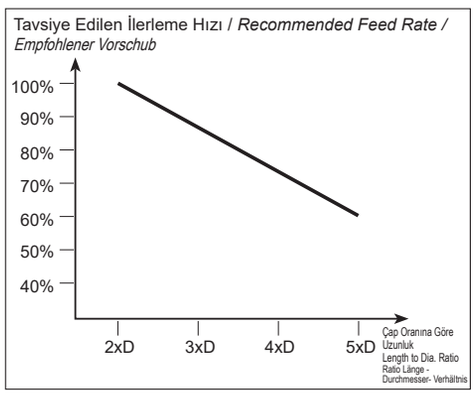
*Radial adjustment pin. (not supplied)*

*Radial - Einstellstift (nicht im Lieferumfang)*




Eksantrik Adaptörü Kullanırken (AET) Tavsiye Edilen İlerleme Hızı
*Recommended Feed When Using Eccentric Adaptor*
*Empfohlener Vorschub bei Einsatz des exzentrischen Adapters*





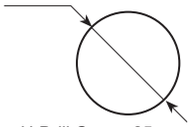

ATUM'un üzerindeki düz çizgi adaptörün sıfır rakamının üzerine konulmalıdır. AET'nin (eksantrik adaptörün) çevrilmesini kolaylaştırmak için AET'nin üzerindeki deliğe, metal bir çubuk ya da vida anahtarı yerleştirilebilir. AET'yi ayarlamadan önce tutucunun vidasını hafifçe çözün.

*The adjustment markings should be located perpendicular to the flat on the circumference of the U-DRILL flange.*

*To facilitate the rotation of the adaptor, a metal rod or a screw key may be inserted into a hole on the excentric adaptor flange. Unlock adapter screw before adjusting adaptor.*

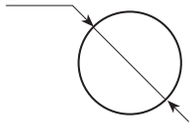
*Die Einstellmarkierung sollte senkrecht zur Fläche des Bohrerschaftes stehen. Zum Drehen des Adapters sollte ein Stift in die Bohrung am Adapterflansch eingesetzt werden. Lösen Sie die Adapter-Schraube vor dem Einstellen des Adapters.*

Delik Çapı
24.8 mm
*Hole Diameter*
*Lochdurchmesser*



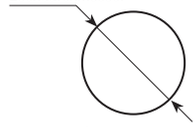
U-Drill Çapı = 25 mm
*Drill Diameter = 25 mm*
*Vollbohrer Durchmesser = 25mm*

Delik Çapı
25 mm
*Hole Diameter*
*Lochdurchmesser*



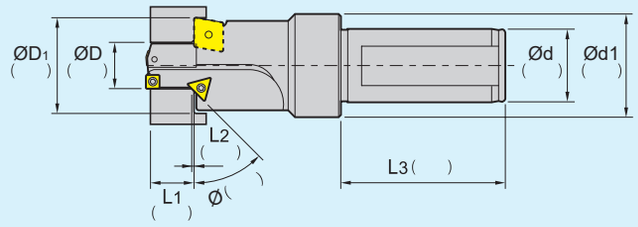
U-Drill Çapı = 25 mm
*Drill Diameter = 25 mm*
*Vollbohrer Durchmesser = 25mm*

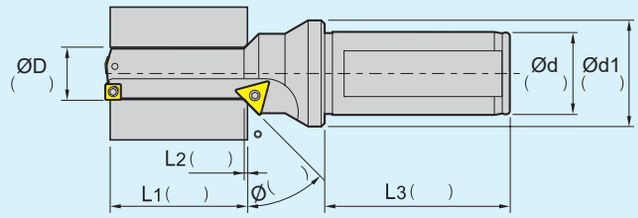
Delik Çapı
25.4 mm
*Hole Diameter*
*Lochdurchmesser*

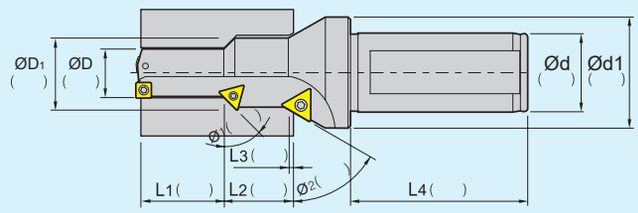


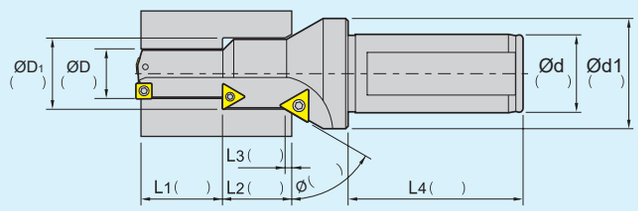
U-Drill Çapı = 25 mm
*Drill Diameter = 25 mm*
*Vollbohrer Durchmesser = 25mm*

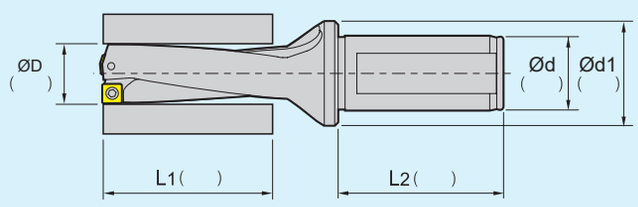
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AET-2025



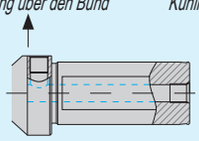




## • Soğutma Tipi / *Coolant type / Kühlmittelanschluss*

☐ **Yağ Deliği Dalma Kısmında**
*Oil Hole On the Plunge Part*
*Kühlmittelzuführung über den Bund*

☐ **Yağ Deliği Şaft Kısmında**
*"Oil hole On the Shank"*
*Kühlmittelbohrung durch den Schaft*

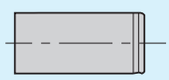


## • Delik Tipi / *Hole Type / Bohrungstyp*

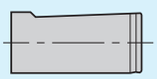
☐ **Kapalı Delik**
*Blind Hole*
*Grundbohrung*

☐ **Açık Delik**
*Thru Hole*
*Durchgangsbohrung*

## • Şaft Tipleri / *Types of Shank / Schaftausführung*

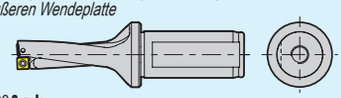
☐ 
**Düz Tip**
*Flat Type*
*Bohrungstyp*

☐
**Weldon Tip**
*Weldon Type*
*Weldon-Schaft*

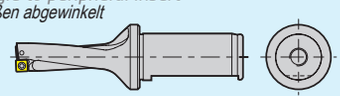
☐ 
**Eğimli Yargı Tipi**
*Whistle Notch Type*
*Whistle-Notch-Schaft*

## • Yargı Bağlama Yeri / *Location of Side Lock / Position der Spannfläche*

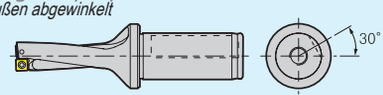
☐ **Dış Uca Parelel (Standart)**
*Parallel to Peripheral Insert (Standard)*
*Parallel zur äußeren Wendeplatte*



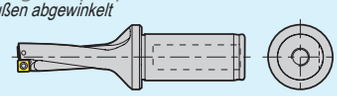
☐ **Dış Uca 90°Açılı**
*90°angle to peripheral insert*
*90° außen abgewinkelt*



☐ **Dış Uca 150°Açılı**
*150°angle to peripheral insert*
*150° außen abgewinkelt*



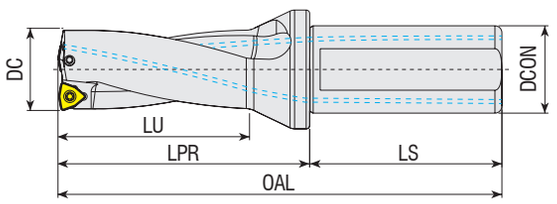

☐ **Dış Uca 180°Açılı**
*180° angle to peripheral insert*
*180° außen abgewinkelt*

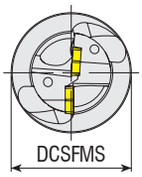


## • Not / *Note / Hinweis :*

- **Şu Anki Kullanılan Takım** / *Currently Using Tool*
  *Aktuell verwendetes Werkzeug*
- **Şu Anki Kesme Durumu** / *Current Cutting Condition*
  *Aktuelle Schnittbedingungen*
  - **RPM ya da vc(m/min)** / *- RPM or vc(m/min)*
    *-Umdrehungen pro Minute oder vc (m/min.)*
  - **vf(mm/min) ya da fn(mm/rev)**
    *- vf(mm/min) or fn(mm/rev) vf (mm/min.) oder fn (mm/Umdr.)*
  - **Kesme Derinliği** / *Depth of Cut(mm)*
    *- Schnittiefe (mm)*
- **Ölçülen Standart Takım Ömrü** / *Standard of Measuring Tool Life*
  *Standzeit des Werkzeugs*
- **Şu Anki Kullanılan Makinalar** / *Currently Using Machine*
  *Aktuell eingesetzte Maschine*
  - **İşleme Merkezi** / *Machining Center*
    *- Bearbeitungszentrum*
  - **Genel Torna** / *General Lathe*
    *- Drehmaschine*
  - **CNC Torna** / *CNC Lathe*
    *- CNC-Drehmaschine*

**ISO** Ucuna Uygundur. / Compatible with **ISO** Insert. / Kompatibel mit **ISO** Wendeplatten.




Delme Derinliği = 2x Çap
*Drilling Depth = 2x Diameter*
*Bohrtiefe = 2x Durchmesser*

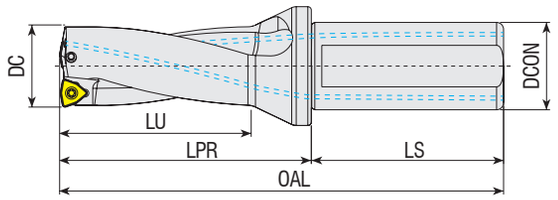
| **Takım Kodu** *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Maks. Ofset (radyal) *Max. Offset (radial)* *Max. Versatz (radial)* | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | DCON | DCSFMS | OAL | LU | LPR | LS | $X_{max}$[mm] | $DC_{max}$[mm] | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| **ATUM 16XD2 WCM. 030208** | ● | 16 | 25 | 34 | 110 | 32 | 54 | 56 | 1.5 | 19 | | | |
| **ATUM 16.5XD2 WCM. 030208** | ● | 16.5 | 25 | 34 | 110 | 32 | 54 | 56 | 1.5 | 19.5 | | | |
| **ATUM 17XD2 WCM. 030208** | ● | 17 | 25 | 34 | 112 | 34 | 56 | 56 | 1.5 | 20 | | | |
| **ATUM 17.5XD2 WCM 030208** | ● | 17.5 | 25 | 34 | 112 | 34 | 56 | 56 | 1.5 | 20.5 | | | |
| **ATUM 18XD2 WCM. 030208** | ● | 18 | 25 | 34 | 114 | 36 | 58 | 56 | 1.4 | 20.8 | **WCM. 030208** | | |
| **ATUM 18.5XD2 WCM. 030208** | ● | 18.5 | 25 | 34 | 114 | 36 | 58 | 56 | 1.3 | 21.1 | | | |
| **ATUM 19XD2 WCM. 030208** | ● | 19 | 25 | 34 | 116 | 38 | 60 | 56 | 1.2 | 21.4 | | | |
| **ATUM 19.5XD2 WCM. 030208** | ● | 19.5 | 25 | 34 | 116 | 38 | 60 | 56 | 1.2 | 21.9 | | 3008-M2.5x6 | 82-T08 |
| **ATUM 20XD2 WCM. 040208** | ● | 20 | 25 | 34 | 118 | 40 | 62 | 56 | 1.5 | 23 | | | |
| **ATUM 20.5XD2 WCM. 040208** | ● | 20.5 | 25 | 34 | 118 | 40 | 62 | 56 | 1.5 | 23.5 | | | |
| **ATUM 21XD2 WCM. 040208** | ● | 21 | 25 | 34 | 120 | 42 | 64 | 56 | 1 | 23 | | | |
| **ATUM 21.5XD2 WCM. 040208** | ● | 21.5 | 25 | 34 | 120 | 42 | 64 | 56 | 1 | 23.5 | **WCM. 040208** | | |
| **ATUM 22XD2 WCM. 040208** | ● | 22 | 25 | 34 | 122 | 44 | 66 | 56 | 1 | 24 | | | |
| **ATUM 22.5XD2 WCM. 040208** | ● | 22.5 | 25 | 34 | 122 | 44 | 66 | 56 | 1 | 24.5 | | | |
| **ATUM 23XD2 WCM. 040208** | ● | 23 | 25 | 34 | 124 | 46 | 68 | 56 | 1 | 25 | | | |
| **ATUM 23.5XD2 WCM. 040208** | ● | 23.5 | 25 | 34 | 124 | 46 | 68 | 56 | 1 | 25.5 | | | |
| **ATUM 24XD2 WCM. 050308** | ● | 24 | 25 | 34 | 126 | 48 | 70 | 56 | 1.4 | 26.8 | | | |
| **ATUM 24.5XD2 WCM. 050308** | ● | 24.5 | 25 | 34 | 126 | 48 | 70 | 56 | 1.4 | 27.3 | | | |
| **ATUM 25XD2 WCM. 050308** | ● | 25 | 25 | 34 | 128 | 50 | 72 | 56 | 1.45 | 27.9 | | | |
| **ATUM 25.5XD2 WCM. 050308** | ● | 25.5 | 25 | 34 | 128 | 50 | 72 | 56 | 1.45 | 28.4 | | | |
| **ATUM 26XD2 WCM. 050308** | ● | 26 | 25 | 34 | 130 | 52 | 74 | 56 | 1.45 | 28.9 | | | |
| **ATUM 26.5XD2 WCM. 050308** | ● | 26.5 | 25 | 34 | 130 | 52 | 74 | 56 | 1.45 | 29.4 | | | |
| **ATUM 27XD2 WCM. 050308** | ● | 27 | 25 | 34 | 132 | 54 | 76 | 56 | 1.45 | 29.9 | **WCM. 050308** | 3008-M3x8 | |
| **ATUM 27.5XD2 WCM. 050308** | ● | 27.5 | 25 | 34 | 132 | 54 | 76 | 56 | 1.45 | 30.4 | | | |
| **ATUM 28XD2 WCM. 050308** | ● | 28 | 25 | 34 | 134 | 56 | 78 | 56 | 1.6 | 31.2 | | | |
| **ATUM 28.5XD2 WCM. 050308** | ● | 28.5 | 25 | 34 | 134 | 56 | 78 | 56 | 1.6 | 31.7 | | | |
| **ATUM 29XD2 WCM. 050308** | ● | 29 | 25 | 34 | 136 | 58 | 80 | 56 | 1.65 | 32.3 | | | |
| **ATUM 29.5XD2 WCM. 050308** | ● | 29.5 | 25 | 34 | 136 | 58 | 80 | 56 | 1.65 | 32.8 | | | |

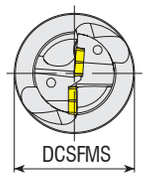
R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**ISO** Ucuna Uygundur. / Compatible with **ISO** Insert. / Kompatibel mit **ISO** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ATUM 16XD2 WCM. 030208

Takma Uçlu Matkap Kullanım Kılavuzu : S 463 / *User's Guide For U-Drills : P 463*
*Bedienungsanleitung für Vollbohrer : S 463*

**ISO** Ucuna Uygundur. / Compatible with **ISO** Insert. / Kompatibel mit **ISO** Wendeplatten.



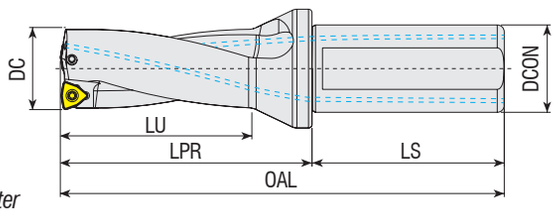

Delme Derinliği = 2x Çap
*Drilling Depth = 2x Diameter*
*Bohrtiefe = 2x Durchmesser*

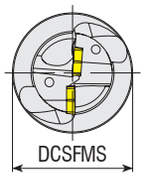
| **Takım Kodu** *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Maks. Ofset (radyal) *Max. Offset (radial)* *Max. Versatz (radial)* | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | DCON | DCSFMS | OAL | LU | LPR | LS | $X_{max}$[mm] | $DC_{max}$[mm] | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| **ATUM 30XD2 WCM. 06T308** | ● | 30 | 32 | 44 | 147 | 60 | 87 | 60 | 2.4 | 34.8 | | | |
| **ATUM 30.5XD2 WCM. 06T308** | ● | 30.5 | 32 | 44 | 147 | 60 | 87 | 60 | 2.4 | 35.3 | | | |
| **ATUM 31XD2 WCM. 06T308** | ● | 31 | 32 | 44 | 149 | 62 | 89 | 60 | 2.3 | 35.6 | | | |
| **ATUM 32XD2 WCM. 06T308** | ● | 32 | 32 | 44 | 151 | 64 | 91 | 60 | 2.1 | 36.2 | | | |
| **ATUM 33XD2 WCM. 06T308** | ● | 33 | 32 | 44 | 153 | 66 | 93 | 60 | 1.9 | 36.8 | | | |
| **ATUM 34XD2 WCM. 06T308** | ● | 34 | 32 | 44 | 155 | 68 | 95 | 60 | 1.9 | 37.8 | | | |
| **ATUM 35XD2 WCM. 06T308** | ● | 35 | 32 | 44 | 157 | 70 | 97 | 60 | 1.9 | 38.8 | | | |
| **ATUM 36XD2 WCM. 06T308** | ● | 36 | 32 | 44 | 159 | 72 | 99 | 60 | 2 | 40 | | | |
| **ATUM 37XD2 WCM. 06T308** | ● | 37 | 32 | 44 | 161 | 74 | 101 | 60 | 1.8 | 40.6 | | | |
| **ATUM 38XD2 WCM. 06T308** | ● | 38 | 32 | 44 | 163 | 76 | 103 | 60 | 1.5 | 41 | **WCM. 06T308** | 3010-M3.5x9 | 82-T10 |
| **ATUM 39XD2 WCM. 06T308** | ● | 39 | 32 | 44 | 165 | 78 | 105 | 60 | 1.3 | 41.6 | | | |
| **ATUM 40XD2 WCM. 06T308** | ● | 40 | 32 | 44 | 167 | 80 | 107 | 60 | 1 | 42 | | | |
| **ATUM 41XD2 WCM. 06T308** | ● | 41 | 32 | 44 | 169 | 82 | 109 | 60 | 0.8 | 42.6 | | | |
| **ATUM 42XD2 WCM. 06T308** | ● | 42 | 32 | 44 | 171 | 84 | 111 | 60 | 0.5 | 43 | | | |
| **ATUM 43XD2 WCM. 06T308** | ● | 43 | 32 | 44 | 173 | 86 | 113 | 60 | 0.3 | 43.6 | | | |
| **ATUM 44XD2 WCM. 06T308** | ● | 44 | 32 | 44 | 175 | 88 | 115 | 60 | 0 | 44 | | | |
| **ATUM 45XD2 WCM. 080412** | ● | 45 | 40 | 54 | 192 | 90 | 122 | 70 | 3.3 | 51.6 | | | |
| **ATUM 46XD2 WCM. 080412** | ● | 46 | 40 | 54 | 194 | 92 | 124 | 70 | 3 | 52 | | | |
| **ATUM 47XD2 WCM. 080412** | ● | 47 | 40 | 54 | 196 | 94 | 126 | 70 | 2.8 | 52.6 | | | |
| **ATUM 48XD2 WCM. 080412** | ● | 48 | 40 | 54 | 198 | 96 | 128 | 70 | 2.5 | 53 | | | |
| **ATUM 49XD2 WCM. 080412** | ● | 49 | 40 | 54 | 200 | 98 | 130 | 70 | 2.2 | 53.4 | | | |
| **ATUM 50XD2 WCM. 080412** | ● | 50 | 40 | 54 | 202 | 100 | 132 | 70 | 2 | 54 | | | |
| **ATUM 51XD2 WCM. 080412** | ● | 51 | 40 | 54 | 204 | 102 | 134 | 70 | 1.8 | 54.6 | | | |
| **ATUM 52XD2 WCM. 080412** | ● | 52 | 40 | 54 | 206 | 104 | 136 | 70 | 1.5 | 55 | | | |
| **ATUM 53XD2 WCM. 080412** | ● | 53 | 40 | 54 | 208 | 106 | 138 | 70 | 1.3 | 55.6 | **WCM. 080412** | 4015-M4x11 | 80-T15 |
| **ATUM 54XD2 WCM. 080412** | ● | 54 | 40 | 54 | 210 | 108 | 140 | 70 | 1 | 56 | | | |
| **ATUM 55XD2 WCM. 080412** | ● | 55 | 40 | 54 | 212 | 110 | 142 | 70 | 0.8 | 56.6 | | | |
| **ATUM 56XD2 WCM. 080412** | ● | 56 | 40 | 64 | 214 | 112 | 144 | 70 | 0.5 | 57 | | | |
| **ATUM 57XD2 WCM. 080412** | ● | 57 | 40 | 64 | 216 | 114 | 146 | 70 | 0.3 | 57.6 | | | |
| **ATUM 58XD2 WCM. 080412** | ● | 58 | 40 | 64 | 218 | 116 | 148 | 70 | 0 | 58 | | | |
| **ATUM 59XD2 WCM. 080412** | ● | 59 | 40 | 64 | 220 | 118 | 150 | 70 | 0 | 59 | | | |
| **ATUM 60XD2 WCM. 080412** | ● | 60 | 40 | 64 | 222 | 120 | 152 | 70 | 0 | 60 | | | |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**ISO** Ucuna Uygundur. / Compatible with **ISO** Insert. / Kompatibel mit **ISO** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ATUM 30XD2 WCM. 06T308

**ISO** Ucuna Uygundur. / Compatible with **ISO** Insert. / Kompatibel mit **ISO** Wendeplatten.




Delme Derinliği = 3x Çap
*Drilling Depth = 3x Diameter*
*Bohrtiefe = 3x Durchmesser*

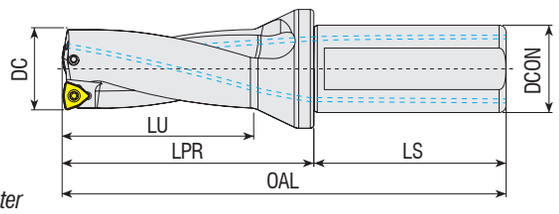
| **Takım Kodu** *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock Lager* | Takım Ölçüleri (mm) *Dimension (mm) Abmessung (mm)* | | | | | | | Maks. Ofset (radyal) *Max. Offset (radial) Max. Versatz (radial)* | | Kesici Uç *Insert Wendeschneidplatte* | Yedek Parçaları / *Spare Parts / Ersatzteile* Sıkma Vidası *Screw Schraube* | Tork Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | DCON | DCSFMS | OAL | LU | LPR | LS | $X_{max}$[mm] | $DC_{max}$[mm] | | | |
| **ATUM 16XD3 WCM. 030208** | ● | 16 | 25 | 34 | 126 | 48 | 70 | 56 | 1.5 | 19 | **WCM. 030208** | 3008-M2.5x6 | 82-T08 |
| **ATUM 16.5XD3 WCM. 030208** | ● | 16.5 | 25 | 34 | 126 | 48 | 70 | 56 | 1.5 | 19.5 | | | |
| **ATUM 17XD3 WCM. 030208** | ● | 17 | 25 | 34 | 129 | 51 | 73 | 56 | 1.5 | 20 | | | |
| **ATUM 17.5XD3 WCM. 030208** | ● | 17.5 | 25 | 34 | 129 | 51 | 73 | 56 | 1.5 | 20.5 | | | |
| **ATUM 18XD3 WCM. 030208** | ● | 18 | 25 | 34 | 132 | 54 | 76 | 56 | 1.4 | 20.8 | | | |
| **ATUM 18.5XD3 WCM. 030208** | ● | 18.5 | 25 | 34 | 132 | 54 | 76 | 56 | 1.3 | 21.1 | | | |
| **ATUM 19XD3 WCM. 030208** | ● | 19 | 25 | 34 | 135 | 57 | 79 | 56 | 1.2 | 21.4 | | | |
| **ATUM 19.5XD3 WCM. 030208** | ● | 19.5 | 25 | 34 | 135 | 57 | 79 | 56 | 1.2 | 21.9 | | | |
| **ATUM 20XD3 WCM. 040208** | ● | 20 | 25 | 34 | 138 | 60 | 82 | 56 | 1.5 | 23 | **WCM. 040208** | | |
| **ATUM 20.5XD3 WCM. 040208** | ● | 20.5 | 25 | 34 | 138 | 60 | 82 | 56 | 1.5 | 23.5 | | | |
| **ATUM 21XD3 WCM. 040208** | ● | 21 | 25 | 34 | 141 | 63 | 85 | 56 | 1 | 23 | | | |
| **ATUM 21.5XD3 WCM. 040208** | ● | 21.5 | 25 | 34 | 141 | 63 | 85 | 56 | 1 | 23.5 | | | |
| **ATUM 22XD3 WCM. 040208** | ● | 22 | 25 | 34 | 144 | 66 | 88 | 56 | 1 | 24 | | | |
| **ATUM 22.5XD3 WCM. 040208** | ● | 22.5 | 25 | 34 | 144 | 66 | 88 | 56 | 1 | 24.5 | | | |
| **ATUM 23XD3 WCM. 040208** | ● | 23 | 25 | 34 | 147 | 69 | 91 | 56 | 1 | 25 | | | |
| **ATUM 23.5XD3 WCM. 040208** | ● | 23.5 | 25 | 34 | 147 | 69 | 91 | 56 | 1 | 25.5 | | | |
| **ATUM 24XD3 WCM. 050308** | ● | 24 | 25 | 34 | 150 | 72 | 94 | 56 | 1.4 | 26.8 | **WCM. 050308** | 3008-M3x8 | |
| **ATUM 24.5XD3 WCM. 050308** | ● | 24.5 | 25 | 34 | 150 | 72 | 94 | 56 | 1.4 | 27.3 | | | |
| **ATUM 25XD3 WCM. 050308** | ● | 25 | 25 | 34 | 153 | 75 | 97 | 56 | 1.45 | 27.9 | | | |
| **ATUM 25.5XD3 WCM. 050308** | ● | 25.5 | 25 | 34 | 153 | 75 | 97 | 56 | 1.45 | 28.4 | | | |
| **ATUM 26XD3 WCM. 050308** | ● | 26 | 25 | 34 | 156 | 78 | 100 | 56 | 1.45 | 28.9 | | | |
| **ATUM 26.5XD3 WCM. 050308** | ● | 26.5 | 25 | 34 | 156 | 78 | 100 | 56 | 1.45 | 29.4 | | | |
| **ATUM 27XD3 WCM. 050308** | ● | 27 | 25 | 34 | 159 | 81 | 103 | 56 | 1.45 | 29.9 | | | |
| **ATUM 27.5XD3 WCM. 050308** | ● | 27.5 | 25 | 34 | 159 | 81 | 103 | 56 | 1.45 | 30.4 | | | |
| **ATUM 28XD3 WCM. 050308** | ● | 28 | 25 | 34 | 162 | 84 | 106 | 56 | 1.6 | 31.2 | | | |
| **ATUM 28.5XD3 WCM. 050308** | ● | 28.5 | 25 | 34 | 162 | 84 | 106 | 56 | 1.6 | 31.7 | | | |
| **ATUM 29XD3 WCM. 050308** | ● | 29 | 25 | 34 | 165 | 87 | 109 | 56 | 1.65 | 32.3 | | | |
| **ATUM 29.5XD3 WCM. 050308** | ● | 29.5 | 25 | 34 | 165 | 87 | 109 | 56 | 1.65 | 32.8 | | | |
| **ATUM 30XD3 WCM. 06T308** | ● | 30 | 32 | 44 | 177 | 90 | 117 | 60 | 2.4 | 34.8 | **WCM. 06T308** | 3010-M3.5x9 | 82-T10 |
| **ATUM 30.5XD3 WCM. 06T308** | ● | 30.5 | 32 | 44 | 177 | 90 | 117 | 60 | 2.4 | 35.3 | | | |
| **ATUM 31XD3 WCM. 06T308** | ● | 31 | 32 | 44 | 180 | 93 | 120 | 60 | 2.3 | 35.6 | | | |
| **ATUM 31.5XD3 WCM. 06T308** | ● | 31.5 | 32 | 44 | 180 | 93 | 120 | 60 | 2.3 | 36.1 | | | |
| **ATUM 32XD3 WCM. 06T308** | ● | 32 | 32 | 44 | 183 | 96 | 123 | 60 | 2.1 | 36.2 | | | |
| **ATUM 32.5XD3 WCM. 06T308** | ● | 32.5 | 32 | 44 | 183 | 96 | 123 | 60 | 2.1 | 36.7 | | | |
| **ATUM 33XD3 WCM. 06T308** | ● | 33 | 32 | 44 | 186 | 99 | 126 | 60 | 1.9 | 36.8 | | | |
| **ATUM 33.5XD3 WCM. 06T308** | ● | 33.5 | 32 | 44 | 186 | 99 | 126 | 60 | 1.9 | 37.3 | | | |
| **ATUM 34XD3 WCM. 06T308** | ● | 34 | 32 | 44 | 189 | 102 | 129 | 60 | 1.9 | 37.8 | | | |
| **ATUM 34.5XD3 WCM. 06T308** | ● | 34.5 | 32 | 44 | 189 | 102 | 129 | 60 | 1.9 | 38.3 | | | |

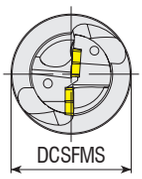
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**ISO** Ucuna Uygundur. / Compatible with **ISO** Insert. / Kompatibel mit **ISO** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ATUM 16XD3 WCM. 030208

Takma Uçlu Matkap Kullanım Kılavuzu : S 463 / *User's Guide For U-Drills : P 463*
*Bedienungsanleitung für Vollbohrer : S 463*

**ISO** Ucuna Uygundur. / Compatible with **ISO** Insert. / Kompatibel mit **ISO** Wendeplatten.




Delme Derinliği = 3x Çap
*Drilling Depth = 3x Diameter*
*Bohrtiefe = 3x Durchmesser*

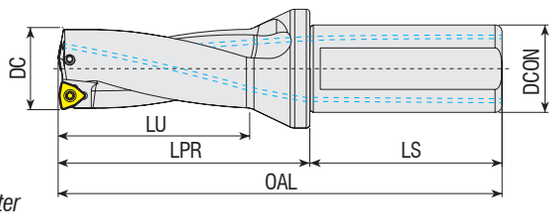
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Maks. Ofset (radyal) *Max. Offset (radial)* *Max. Versatz (radial)* | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | DCON | DCSFMS | OAL | LU | LPR | LS | $X_{max}$ [mm] | $DC_{max}$ [mm] | | | |
| ATUM 35XD3 WCM. 06T308 | ● | 35 | 32 | 44 | 192 | 105 | 132 | 60 | 1.9 | 38.8 | | | |
| ATUM 35.5XD3 WCM. 06T308 | ● | 35.5 | 32 | 44 | 192 | 105 | 132 | 60 | 1.9 | 39.3 | | | |
| ATUM 36XD3 WCM. 06T308 | ● | 36 | 32 | 44 | 195 | 108 | 135 | 60 | 2 | 40 | | | |
| ATUM 36.5XD3 WCM. 06T308 | ● | 36.5 | 32 | 44 | 195 | 108 | 135 | 60 | 2 | 40.5 | | | |
| ATUM 37XD3 WCM. 06T308 | ● | 37 | 32 | 44 | 198 | 111 | 138 | 60 | 1.8 | 40.6 | | | |
| ATUM 37.5XD3 WCM. 06T308 | ● | 37.5 | 32 | 44 | 198 | 111 | 138 | 60 | 1.8 | 41.1 | | | |
| ATUM 38XD3 WCM. 06T308 | ● | 38 | 32 | 44 | 201 | 114 | 141 | 60 | 1.5 | 41 | | | |
| ATUM 38.5XD3 WCM. 06T308 | ● | 38.5 | 32 | 44 | 201 | 114 | 141 | 60 | 1.5 | 41.5 | | | |
| ATUM 39XD3 WCM. 06T308 | ● | 39 | 32 | 44 | 204 | 117 | 144 | 60 | 1.3 | 41.6 | | | |
| ATUM 39.5XD3 WCM. 06T308 | ● | 39.5 | 32 | 44 | 204 | 117 | 144 | 60 | 1.3 | 42.1 | | | |
| ATUM 40XD3 WCM. 06T308 | ● | 40 | 32 | 44 | 207 | 120 | 147 | 60 | 1 | 42 | **WCM. 06T308** | 3010-M3.5x9 | 82-T10 |
| ATUM 40.5XD3 WCM. 06T308 | ● | 40.5 | 32 | 44 | 207 | 120 | 147 | 60 | 1 | 42.5 | | | |
| ATUM 41XD3 WCM. 06T308 | ● | 41 | 32 | 44 | 210 | 123 | 150 | 60 | 0.8 | 42.6 | | | |
| ATUM 41.5XD3 WCM. 06T308 | ● | 41.5 | 32 | 44 | 210 | 123 | 150 | 60 | 0.8 | 43.1 | | | |
| ATUM 42XD3 WCM. 06T308 | ● | 42 | 32 | 44 | 213 | 126 | 153 | 60 | 0.5 | 43 | | | |
| ATUM 42.5XD3 WCM. 06T308 | ● | 42.5 | 32 | 44 | 213 | 126 | 153 | 60 | 0.5 | 43.5 | | | |
| ATUM 43XD3 WCM. 06T308 | ● | 43 | 32 | 44 | 216 | 129 | 156 | 60 | 0.3 | 43.6 | | | |
| ATUM 43.5XD3 WCM. 06T308 | ● | 43.5 | 32 | 44 | 216 | 129 | 156 | 60 | 0.3 | 44.1 | | | |
| ATUM 44XD3 WCM. 06T308 | ● | 44 | 32 | 44 | 219 | 132 | 159 | 60 | 0 | 44 | | | |
| ATUM 44.5XD3 WCM. 06T308 | ● | 44.5 | 32 | 44 | 219 | 132 | 159 | 60 | 0 | 44.5 | | | |
| ATUM 45XD3 WCM. 080412 | ● | 45 | 40 | 54 | 237 | 135 | 167 | 70 | 3.3 | 51.6 | | | |
| ATUM 45.5XD3 WCM. 080412 | ● | 45.5 | 40 | 54 | 237 | 135 | 167 | 70 | 3.3 | 52.1 | | | |
| ATUM 46XD3 WCM. 080412 | ● | 46 | 40 | 54 | 240 | 138 | 170 | 70 | 3 | 52 | | | |
| ATUM 47XD3 WCM. 080412 | ● | 47 | 40 | 54 | 243 | 141 | 173 | 70 | 2.8 | 52.6 | | | |
| ATUM 48XD3 WCM. 080412 | ● | 48 | 40 | 54 | 246 | 144 | 176 | 70 | 2.5 | 53 | | | |
| ATUM 49XD3 WCM. 080412 | ● | 49 | 40 | 54 | 249 | 147 | 179 | 70 | 2.2 | 53.4 | | | |
| ATUM 50XD3 WCM. 080412 | ● | 50 | 40 | 54 | 252 | 150 | 182 | 70 | 2 | 54 | | | |
| ATUM 51XD3 WCM. 080412 | ● | 51 | 40 | 54 | 255 | 153 | 185 | 70 | 1.8 | 54.6 | | | |
| ATUM 52XD3 WCM. 080412 | ● | 52 | 40 | 54 | 258 | 156 | 188 | 70 | 1.5 | 55 | **WCM. 080412** | 4015-M4x11 | 80-T15 |
| ATUM 53XD3 WCM. 080412 | ● | 53 | 40 | 54 | 261 | 159 | 191 | 70 | 1.3 | 55.6 | | | |
| ATUM 54XD3 WCM. 080412 | ● | 54 | 40 | 54 | 264 | 162 | 194 | 70 | 1 | 56 | | | |
| ATUM 55XD3 WCM. 080412 | ● | 55 | 40 | 54 | 267 | 165 | 197 | 70 | 0.8 | 56.6 | | | |
| ATUM 56XD3 WCM. 080412 | ● | 56 | 40 | 64 | 270 | 168 | 200 | 70 | 0.5 | 57 | | | |
| ATUM 57XD3 WCM. 080412 | ● | 57 | 40 | 64 | 273 | 171 | 203 | 70 | 0.3 | 57.6 | | | |
| ATUM 58XD3 WCM. 080412 | ● | 58 | 40 | 64 | 276 | 174 | 206 | 70 | 0 | 58 | | | |
| ATUM 59XD3 WCM. 080412 | ● | 59 | 40 | 64 | 279 | 177 | 209 | 70 | 0 | 59 | | | |
| ATUM 60XD3 WCM. 080412 | ● | 60 | 40 | 64 | 282 | 180 | 212 | 70 | 0 | 60 | | | |

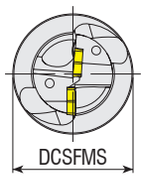
R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**ISO** Ucuna Uygundur. / Compatible with **ISO** Insert. / Kompatibel mit **ISO** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ATUM 35XD3 WCM. 06T308

Takma Uçlu Matkap Kullanım Kılavuzu : S 463 / *User's Guide For U-Drills : P 463*
*Bedienungsanleitung für Vollbohrer : S 463*

**ISO** Ucuna Uygundur. / Compatible with **ISO** Insert. / Kompatibel mit **ISO** Wendeplatten.




Delme Derinliği = 4x Çap
*Drilling Depth = 4x Diameter*
*Bohrtiefe = 4x Durchmesser*

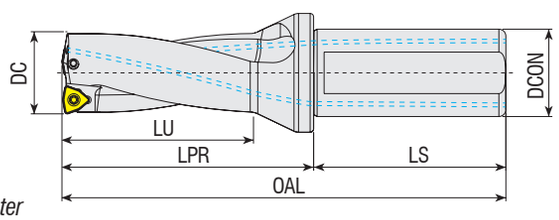
| **Takım Kodu** *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Maks. Ofset (radyal) *Max. Offset (radial)* *Max. Versatz (radial)* | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | DCON | DCSFMS | OAL | LU | LPR | LS | $X_{max}$[mm] | $DC_{max}$[mm] | | | |
| **ATUM 16XD4 WCM. 030208** | ● | 16 | 25 | 34 | 142 | 64 | 86 | 56 | 1.5 | 19 | **WCM. 030208** | 3008-M2.5x6 | 82-T08 |
| **ATUM 16.5XD4 WCM. 030208** | ○ | 16.5 | 25 | 34 | 142 | 64 | 86 | 56 | 1.5 | 19.5 | | | |
| **ATUM 17XD4 WCM. 030208** | ● | 17 | 25 | 34 | 146 | 68 | 90 | 56 | 1.5 | 20 | | | |
| **ATUM 17.5XD4 WCM. 030208** | ● | 17.5 | 25 | 34 | 146 | 68 | 90 | 56 | 1.5 | 20.5 | | | |
| **ATUM 18XD4 WCM. 030208** | ● | 18 | 25 | 34 | 150 | 72 | 94 | 56 | 1.4 | 20.8 | | | |
| **ATUM 18.5XD4 WCM. 030208** | ○ | 18.5 | 25 | 34 | 150 | 72 | 94 | 56 | 1.3 | 21.1 | | | |
| **ATUM 19XD4 WCM. 030208** | ● | 19 | 25 | 34 | 154 | 76 | 98 | 56 | 1.2 | 21.4 | | | |
| **ATUM 19.5XD4 WCM. 030208** | ○ | 19.5 | 25 | 34 | 154 | 76 | 98 | 56 | 1.2 | 21.9 | | | |
| **ATUM 20XD4 WCM. 040208** | ● | 20 | 25 | 34 | 158 | 80 | 102 | 56 | 1.5 | 23 | **WCM. 040208** | | |
| **ATUM 20.5XD4 WCM. 040208** | ○ | 20.5 | 25 | 34 | 158 | 80 | 102 | 56 | 1.5 | 23.5 | | | |
| **ATUM 21XD4 WCM. 040208** | ● | 21 | 25 | 34 | 162 | 84 | 106 | 56 | 1 | 23 | | | |
| **ATUM 21.5XD4 WCM. 040208** | ○ | 21.5 | 25 | 34 | 162 | 84 | 106 | 56 | 1 | 23.5 | | | |
| **ATUM 22XD4 WCM. 040208** | ● | 22 | 25 | 34 | 166 | 88 | 110 | 56 | 1 | 24 | | | |
| **ATUM 22.5XD4 WCM. 040208** | ● | 22.5 | 25 | 34 | 166 | 88 | 110 | 56 | 1 | 24.5 | | | |
| **ATUM 23XD4 WCM. 040208** | ● | 23 | 25 | 34 | 170 | 92 | 114 | 56 | 1 | 25 | | | |
| **ATUM 23.5XD4 WCM. 040208** | ○ | 23.5 | 25 | 34 | 170 | 92 | 114 | 56 | 1 | 25.5 | | | |
| **ATUM 24XD4 WCM. 050308** | ● | 24 | 25 | 34 | 174 | 96 | 118 | 56 | 1.4 | 26.8 | **WCM. 050308** | 3008-M3x8 | |
| **ATUM 24.5XD4 WCM. 050308** | ○ | 24.5 | 25 | 34 | 174 | 96 | 118 | 56 | 1.4 | 27.3 | | | |
| **ATUM 25XD4 WCM. 050308** | ● | 25 | 25 | 34 | 178 | 100 | 122 | 56 | 1.45 | 27.9 | | | |
| **ATUM 25.5XD4 WCM. 050308** | ○ | 25.5 | 25 | 34 | 178 | 100 | 122 | 56 | 1.45 | 28.4 | | | |
| **ATUM 26XD4 WCM. 050308** | ● | 26 | 25 | 34 | 182 | 104 | 126 | 56 | 1.45 | 28.9 | | | |
| **ATUM 26.5XD4 WCM. 050308** | ● | 26.5 | 25 | 34 | 182 | 104 | 126 | 56 | 1.45 | 29.4 | | | |
| **ATUM 27XD4 WCM. 050308** | ● | 27 | 25 | 34 | 186 | 108 | 130 | 56 | 1.45 | 29.9 | | | |
| **ATUM 27.5XD4 WCM. 050308** | ○ | 27.5 | 25 | 34 | 186 | 108 | 130 | 56 | 1.45 | 30.4 | | | |
| **ATUM 28XD4 WCM. 050308** | ● | 28 | 25 | 34 | 190 | 112 | 134 | 56 | 1.6 | 31.2 | | | |
| **ATUM 28.5XD4 WCM. 050308** | ● | 28.5 | 25 | 34 | 190 | 112 | 134 | 56 | 1.6 | 31.7 | | | |
| **ATUM 29XD4 WCM. 050308** | ● | 29 | 25 | 34 | 194 | 116 | 138 | 56 | 1.65 | 32.3 | | | |
| **ATUM 29.5XD4 WCM. 050308** | ○ | 29.5 | 25 | 34 | 194 | 116 | 138 | 56 | 1.65 | 32.8 | | | |

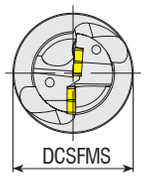
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**ISO** Ucuna Uygundur. / Compatible with **ISO** Insert. / Kompatibel mit **ISO** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ATUM 16XD4 WCM. 030208

Takma Uçlu Matkap Kullanım Kılavuzu : S 463 / *User's Guide For U-Drills : P 463*
*Bedienungsanleitung für Vollbohrer : S 463*

**ISO** Ucuna Uygundur. / Compatible with **ISO** Insert. / Kompatibel mit **ISO** Wendeplatten.




Delme Derinliği = 4x Çap
*Drilling Depth* = *4x Diameter*
*Bohrtiefe* = *4x Durchmesser*

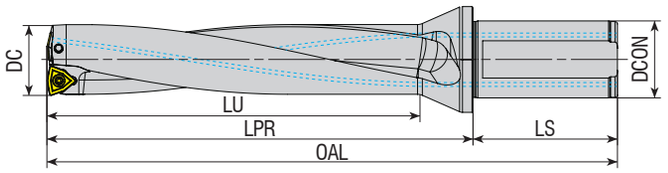
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Maks. Ofset (radyal) *Max. Offset (radial)* *Max. Versatz (radial)* | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | DCON | DCSFMS | OAL | LU | LPR | LS | $X_{max}$[mm] | $DC_{max}$[mm] | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| **ATUM 30XD4 WCM. 06T308** | ● | 30 | 32 | 44 | 207 | 120 | 147 | 60 | 2.4 | 34.8 | | | |
| **ATUM 31XD4 WCM. 06T308** | ● | 31 | 32 | 44 | 211 | 124 | 151 | 60 | 2.3 | 35.6 | | | |
| **ATUM 32XD4 WCM. 06T308** | ● | 32 | 32 | 44 | 215 | 128 | 155 | 60 | 2.1 | 36.2 | | | |
| **ATUM 33XD4 WCM. 06T308** | ● | 33 | 32 | 44 | 219 | 132 | 159 | 60 | 1.9 | 36.8 | | | |
| **ATUM 33.5XD4 WCM. 06T308** | ● | 33.5 | 32 | 44 | 219 | 132 | 159 | 60 | 1.9 | 37.3 | | | |
| **ATUM 34XD4 WCM. 06T308** | ● | 34 | 32 | 44 | 223 | 136 | 163 | 60 | 1.9 | 37.8 | | | |
| **ATUM 35XD4 WCM. 06T308** | ● | 35 | 32 | 44 | 227 | 140 | 167 | 60 | 1.9 | 38.8 | | | |
| **ATUM 36XD4 WCM. 06T308** | ● | 36 | 32 | 44 | 231 | 144 | 171 | 60 | 2 | 40 | **WCM. 06T308** | 3010-M3.5x9 | 82-T10 |
| **ATUM 37XD4 WCM. 06T308** | ● | 37 | 32 | 44 | 235 | 148 | 175 | 60 | 1.8 | 40.6 | | | |
| **ATUM 38XD4 WCM. 06T308** | ● | 38 | 32 | 44 | 239 | 152 | 179 | 60 | 1.5 | 41 | | | |
| **ATUM 38.5XD4 WCM. 06T308** | ● | 38.5 | 32 | 44 | 239 | 152 | 179 | 60 | 1.5 | 41.5 | | | |
| **ATUM 39XD4 WCM. 06T308** | ● | 39 | 32 | 44 | 243 | 156 | 183 | 60 | 1.3 | 41.6 | | | |
| **ATUM 40XD4 WCM. 06T308** | ● | 40 | 32 | 44 | 247 | 160 | 187 | 60 | 1 | 42 | | | |
| **ATUM 41XD4 WCM. 06T308** | ● | 41 | 32 | 44 | 251 | 164 | 191 | 60 | 0.8 | 42.6 | | | |
| **ATUM 42XD4 WCM. 06T308** | ● | 42 | 32 | 44 | 255 | 168 | 195 | 60 | 0.5 | 43 | | | |
| **ATUM 43XD4 WCM. 06T308** | ● | 43 | 32 | 44 | 259 | 172 | 199 | 60 | 0.3 | 43.6 | | | |
| **ATUM 44XD4 WCM. 06T308** | ● | 44 | 32 | 44 | 263 | 176 | 203 | 60 | 0 | 44 | | | |
| **ATUM 45XD4 WCM. 080412** | ● | 45 | 40 | 54 | 282 | 180 | 212 | 70 | 3.3 | 51.6 | | | |
| **ATUM 46XD4 WCM. 080412** | ● | 46 | 40 | 54 | 286 | 184 | 216 | 70 | 3 | 52 | | | |
| **ATUM 47XD4 WCM. 080412** | ● | 47 | 40 | 54 | 290 | 188 | 220 | 70 | 2.8 | 52.6 | | | |
| **ATUM 48XD4 WCM. 080412** | ● | 48 | 40 | 54 | 294 | 192 | 224 | 70 | 2.5 | 53 | **WCM. 080412** | 4015-M4x11 | 80-T15 |
| **ATUM 49XD4 WCM. 080412** | ● | 49 | 40 | 54 | 298 | 196 | 228 | 70 | 2.2 | 53.4 | | | |
| **ATUM 50XD4 WCM. 080412** | ● | 50 | 40 | 54 | 302 | 200 | 232 | 70 | 2 | 54 | | | |

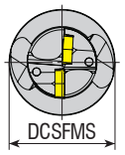
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**ISO** Ucuna Uygundur. / Compatible with **ISO** Insert. / Kompatibel mit **ISO** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ATUM 30XD4 WCM. 06T308

Takma Uçlu Matkap Kullanım Kılavuzu : S 463 / *User's Guide For U-Drills : P 463*
*Bedienungsanleitung für Vollbohrer : S 463*

**ISO** Ucuna Uygundur. / Compatible with **ISO** Insert. / Kompatibel mit **ISO** Wendeplatten.




Delme Derinliği = 5x Çap
*Drilling Depth = 5x Diameter*
*Bohrtiefe = 5x Durchmesser*

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Maks. Ofset (radyal) *Max. Offset (radial)* *Max. Versatz (radial)* | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | DCON | DCSFMS | OAL | LU | LPR | LS | $X_{max}$[mm] | $DC_{max}$[mm] | | | |
| ATUM 20XD5 WCM. 040208 | ● | 20 | 25 | 34 | 178 | 100 | 122 | 56 | 1.5 | 23 | WCM. 040208 | 3008-M2.5x6 | 82-T08 |
| ATUM 21XD5 WCM. 040208 | ● | 21 | 25 | 34 | 183 | 105 | 127 | 56 | 1 | 23 | | | |
| ATUM 22XD5 WCM. 040208 | ● | 22 | 25 | 34 | 188 | 110 | 132 | 56 | 1 | 24 | | | |
| ATUM 23XD5 WCM. 040208 | ● | 23 | 25 | 34 | 193 | 115 | 137 | 56 | 1 | 25 | | | |
| ATUM 24XD5 WCM. 050308 | ● | 24 | 25 | 34 | 198 | 120 | 142 | 56 | 1.4 | 26.8 | WCM. 050308 | 3008-M3x8 | |
| ATUM 25XD5 WCM. 050308 | ● | 25 | 25 | 34 | 203 | 125 | 147 | 56 | 1.45 | 27.9 | | | |
| ATUM 26XD5 WCM. 050308 | ● | 26 | 25 | 34 | 208 | 130 | 152 | 56 | 1.45 | 28.9 | | | |
| ATUM 27XD5 WCM. 050308 | ● | 27 | 25 | 34 | 213 | 135 | 157 | 56 | 1.45 | 29.9 | | | |
| ATUM 28XD5 WCM. 050308 | ● | 28 | 25 | 34 | 218 | 140 | 162 | 56 | 1.6 | 31.2 | | | |
| ATUM 29XD5 WCM. 050308 | ● | 29 | 25 | 34 | 223 | 145 | 167 | 56 | 1.65 | 32.3 | | | |
| ATUM 30XD5 WCM. 06T308 | ● | 30 | 32 | 44 | 237 | 150 | 177 | 60 | 2.4 | 34.8 | WCM. 06T308 | 3010-M3.5x9 | 82-T10 |
| new ATUM 30.5XD5 WCM. 06T308 | ● | 30.5 | 32 | 44 | 237 | 150 | 177 | 60 | 2.4 | 35.3 | | | |
| ATUM 31XD5 WCM. 06T308 | ● | 31 | 32 | 44 | 242 | 155 | 182 | 60 | 2.3 | 35.6 | | | |
| ATUM 32XD5 WCM. 06T308 | ● | 32 | 32 | 44 | 247 | 160 | 187 | 60 | 2.1 | 36.2 | | | |
| ATUM 33XD5 WCM. 06T308 | ● | 33 | 32 | 44 | 252 | 165 | 192 | 60 | 1.9 | 36.8 | | | |
| ATUM 34XD5 WCM. 06T308 | ● | 34 | 32 | 44 | 257 | 170 | 197 | 60 | 1.9 | 37.8 | | | |
| ATUM 35XD5 WCM. 06T308 | ● | 35 | 32 | 44 | 262 | 175 | 202 | 60 | 1.9 | 38.8 | | | |
| ATUM 37XD5 WCM. 06T308 | ● | 37 | 32 | 44 | 272 | 185 | 212 | 60 | 1.8 | 40.6 | | | |
| ATUM 38XD5 WCM. 06T308 | ● | 38 | 32 | 44 | 277 | 190 | 217 | 60 | 1.5 | 41 | | | |
| ATUM 46XD5 WCM. 080412 | ● | 46 | 40 | 54 | 332 | 230 | 262 | 70 | 3 | 52 | WCM. 080412 | 4015-M4x11 | 80-T15 |
| ATUM 49XD5 WCM. 080412 | ● | 49 | 40 | 54 | 347 | 245 | 277 | 70 | 2.2 | 53.4 | | | |

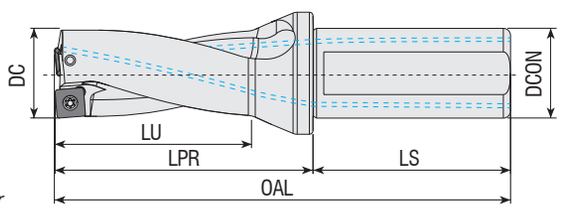
R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**ISO** Ucuna Uygundur. / Compatible with **ISO** Insert. / Kompatibel mit **ISO** Wendeplatten.

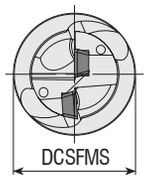
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ATUM 20XD5 WCM. 040208

Takma Uçlu Matkap Kullanım Kılavuzu : S 463 / *User's Guide For U-Drills : P 463*
*Bedienungsanleitung für Vollbohrer : S 463*

**ISCR** Ucuna Uygundur. / Compatible with **ISCR** Insert. / Kompatibel mit **ISCR** Wendeplatten.

Delme Derinliği = 3x Çap
*Drilling Depth = 3x Diameter*
*Bohrtiefe = 3x Durchmesser*




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Maks. Ofset (radyal) *Max. Offset (radial)* *Max. Versatz (radial)* | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | DCON | DCSFMS | OAL | LU | LPR | LS | $X_{max}$[mm] | $DC_{max}$[mm] | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| **ATUM 14XD3 SO.. 050204** | ● | 14 | 20 | 25 | 114 | 42 | 64 | 50 | 1.4 | 16.8 | **SO.. 050204** | 3006-M2x4 | 82-T06 |
| **ATUM 15XD3 SO.. 050204** | ● | 15 | 20 | 25 | 117 | 45 | 67 | 50 | 1.2 | 17.4 | | | |
| **ATUM 16XD3 SO.. 050204** | ● | 16 | 25 | 34 | 126 | 48 | 70 | 56 | 0.9 | 17.8 | | | |
| **ATUM 16.5XD3 SO.. 050204** | ● | 16.5 | 25 | 34 | 126 | 48 | 70 | 56 | 0.8 | 18.1 | | | |
| **ATUM 17XD3 SO.. 050204** | ● | 17 | 25 | 34 | 129 | 51 | 73 | 56 | 0.65 | 18.3 | | | |
| **ATUM 17.5XD3 SO.. 050204** | ● | 17.5 | 25 | 34 | 129 | 51 | 73 | 56 | 0.5 | 18.5 | | | |
| **ATUM 18XD3 SO.. 060304** | ● | 18 | 25 | 34 | 132 | 54 | 76 | 56 | 1.15 | 20.3 | **SO.. 060304** | 3007-M2.2x4.6 | 82-T07 |
| **ATUM 19XD3 SO.. 060304** | ● | 19 | 25 | 34 | 135 | 57 | 79 | 56 | 0.9 | 20.8 | | | |
| **ATUM 20XD3 SO.. 060304** | ● | 20 | 25 | 34 | 138 | 60 | 82 | 56 | 0.65 | 21.3 | | | |
| **ATUM 21XD3 SO.. 070305** | ● | 21 | 25 | 34 | 141 | 63 | 85 | 56 | 1.75 | 24.5 | **SO.. 070305** | 3008-M2.5x6 | 82-T08 |
| **ATUM 22XD3 SO.. 070305** | ● | 22 | 25 | 34 | 144 | 66 | 88 | 56 | 1.5 | 25 | | | |
| **ATUM 22.5XD3 SO.. 070305** | ● | 22.5 | 25 | 34 | 144 | 66 | 88 | 56 | 1.35 | 25.2 | | | |
| **ATUM 23XD3 SO.. 070305** | ● | 23 | 25 | 34 | 147 | 69 | 91 | 56 | 1.25 | 25.5 | | | |
| **ATUM 24XD3 SO.. 070305** | ● | 24 | 25 | 34 | 150 | 72 | 94 | 56 | 1 | 26 | | | |
| **ATUM 25XD3 SO.. 09T306** | ● | 25 | 25 | 34 | 153 | 75 | 97 | 56 | 2.25 | 29.5 | **SO.. 09T306** | 4010-M3x8 | 82-T10 |
| **ATUM 26XD3 SO.. 09T306** | ● | 26 | 25 | 34 | 156 | 78 | 100 | 56 | 2 | 30 | | | |
| **ATUM 27XD3 SO.. 09T306** | ● | 27 | 25 | 34 | 159 | 81 | 103 | 56 | 1.75 | 30.5 | | | |
| **ATUM 29XD3 SO.. 09T306** | ● | 29 | 25 | 34 | 174 | 87 | 114 | 56 | 1.25 | 31.5 | | | |
| **ATUM 30XD3 SO.. 09T306** | ● | 30 | 32 | 44 | 177 | 90 | 117 | 60 | 1 | 32 | | | |
| **ATUM 31XD3 SO.. 09T306** | ● | 31 | 32 | 44 | 200 | 93 | 120 | 60 | 0.75 | 32.5 | | | |
| **ATUM 33XD3 SO.. 09T306** | ● | 33 | 32 | 44 | 186 | 99 | 126 | 60 | 0.5 | 34 | | | |
| **ATUM 35XD3 SO.. 120408** | ● | 35 | 32 | 44 | 192 | 105 | 132 | 60 | 2.75 | 40.5 | **SO..120408** | 4015-M4X11 | 80-T15 |
| **ATUM 36XD3 SO.. 120408** | ● | 36 | 32 | 44 | 195 | 108 | 135 | 60 | 2.5 | 41 | | | |
| **ATUM 37XD3 SO.. 120408** | ● | 37 | 32 | 44 | 198 | 111 | 138 | 60 | 2.25 | 41.5 | | | |
| **ATUM 38XD3 SO.. 120408** | ● | 38 | 32 | 44 | 201 | 114 | 141 | 60 | 1.75 | 41.5 | | | |
| **ATUM 39XD3 SO.. 120408** | ● | 39 | 32 | 44 | 204 | 117 | 144 | 60 | 1.75 | 42.5 | | | |
| **ATUM 40XD3 SO.. 120408** | ● | 40 | 32 | 44 | 207 | 120 | 147 | 60 | 1.5 | 43 | | | |
| **ATUM 43XD3 SO.. 120408** | ● | 43 | 32 | 44 | 216 | 129 | 156 | 60 | 0.75 | 44.5 | | | |

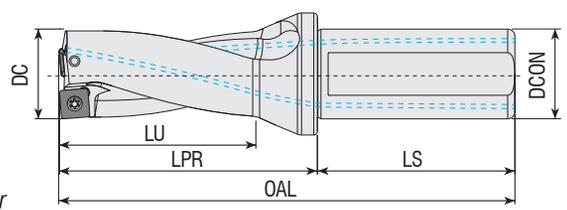
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**ISCR** Ucuna Uygundur. / Compatible with **ISCR** Insert. / Kompatibel mit **ISCR** Wendeplatten.

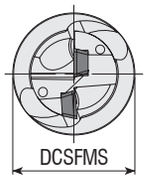
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ATUM 14XD3 SO.. 050204

Takma Uçlu Matkap Kullanım Kılavuzu : S 463 / *User's Guide For U-Drills : P 463*
*Bedienungsanleitung für Vollbohrer : S 463*

**ISCR** Ucuna Uygundur. / Compatible with **ISCR** Insert. / Kompatibel mit **ISCR** Wendeplatten.

Delme Derinliği = 4x Çap
*Drilling Depth = 4x Diameter*
*Bohrtiefe = 4x Durchmesser*




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Maks. Ofset (radyal) *Max. Offset (radial)* *Max. Versatz (radial)* | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | DCON | DCSFMS | OAL | LU | LPR | LS | $X_{max}$[mm] | $DC_{max}$[mm] | | | |
| **ATUM 14XD4 SO.. 050204** | ● | 14 | 20 | 25 | 128 | 56 | 78 | 50 | 1.4 | 16.8 | | | |
| **ATUM 14.5XD4 SO.. 050204** | ● | 14.5 | 20 | 25 | 128 | 56 | 78 | 50 | 1.3 | 17.1 | | | |
| **ATUM 15XD4 SO.. 050204** | ● | 15 | 20 | 25 | 132 | 60 | 62 | 50 | 1.2 | 17.4 | **SO.. 050204** | 3006-M2x4 | 82-T06 |
| **ATUM 15.5XD4 SO.. 050204** | ● | 15.5 | 20 | 25 | 132 | 60 | 82 | 50 | 1 | 17.5 | | | |
| **ATUM 17XD4 SO.. 050204** | ● | 17 | 25 | 34 | 146 | 68 | 90 | 56 | 0.65 | 18.3 | | | |
| **ATUM 19XD4 SO.. 060304** | ● | 19 | 25 | 34 | 154 | 76 | 98 | 56 | 0.9 | 20.8 | | | |
| **ATUM 19.5XD4 SO.. 060304** | ● | 19.5 | 25 | 34 | 154 | 76 | 98 | 56 | 0.75 | 21 | **SO.. 060304** | 3007-M2.2x4.6 | 82-T07 |
| **ATUM 20XD4 SO.. 060304** | ● | 20 | 25 | 34 | 158 | 80 | 102 | 56 | 0.65 | 21.3 | | | |
| **ATUM 21XD4 SO.. 070305** | ● | 21 | 25 | 34 | 162 | 84 | 106 | 56 | 1.75 | 24.5 | | | |
| **ATUM 22XD4 SO.. 070305** | ● | 22 | 25 | 34 | 166 | 88 | 110 | 56 | 1.5 | 25 | | | |
| **ATUM 22.5XD4 SO.. 070305** | ● | 22.5 | 25 | 34 | 166 | 88 | 110 | 56 | 1.35 | 25.2 | **SO.. 070305** | 3008-M2.5x6 | 82-T08 |
| **ATUM 23XD4 SO.. 070305** | ● | 23 | 25 | 34 | 170 | 92 | 114 | 56 | 1.25 | 25.5 | | | |
| **ATUM 24XD4 SO.. 070305** | ● | 24 | 25 | 34 | 174 | 96 | 118 | 56 | 1 | 26 | | | |
| **ATUM 25XD4 SO.. 09T306** | ● | 25 | 25 | 34 | 178 | 100 | 122 | 56 | 2.25 | 29.5 | | | |
| **ATUM 27XD4 SO.. 09T306** | ● | 27 | 25 | 34 | 186 | 108 | 130 | 56 | 1.75 | 30.5 | | | |
| **ATUM 28XD4 SO.. 09T306** | ● | 28 | 25 | 34 | 190 | 112 | 134 | 56 | 1.5 | 31 | | | |
| **ATUM 29XD4 SO.. 09T306** | ● | 29 | 25 | 34 | 194 | 116 | 138 | 56 | 1.25 | 31.5 | **SO.. 09T306** | 4010-M3x8 | 82-T10 |
| **ATUM 30XD4 SO.. 09T306** | ● | 30 | 32 | 44 | 207 | 120 | 147 | 60 | 1 | 32 | | | |
| **ATUM 31XD4 SO.. 09T306** | ● | 31 | 32 | 44 | 211 | 124 | 151 | 60 | 0.75 | 32.5 | | | |
| **ATUM 33XD4 SO.. 09T306** | ● | 33 | 32 | 44 | 219 | 132 | 159 | 60 | 0.5 | 34 | | | |
| **ATUM 34XD4 SO.. 09T306** | ● | 34 | 32 | 44 | 223 | 136 | 163 | 60 | 0.25 | 34.5 | | | |
| **ATUM 35XD4 SO.. 120408** | ● | 35 | 32 | 44 | 227 | 140 | 167 | 60 | 2.75 | 40.5 | **SO..120408** | 4015-M4X11 | 80-T15 |

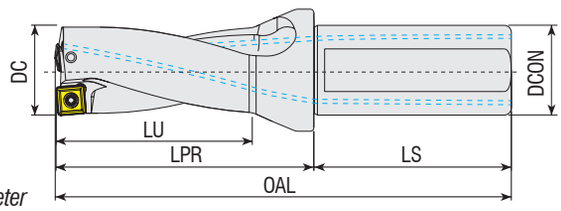
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**ISCR** Ucuna Uygundur. / Compatible with **ISCR** Insert. / Kompatibel mit **ISCR** Wendeplatten.

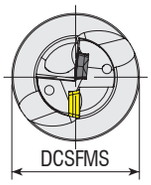
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ATUM 14XD4 SO.. 050204

Takma Uçlu Matkap Kullanım Kılavuzu : S 463 / *User's Guide For U-Drills : P 463*
*Bedienungsanleitung für Vollbohrer : S 463*

**KRLY** Ucuna Uygundur. / Compatible with **KRLY** Insert. / Kompatibel mit **KRLY** Wendeplatten.

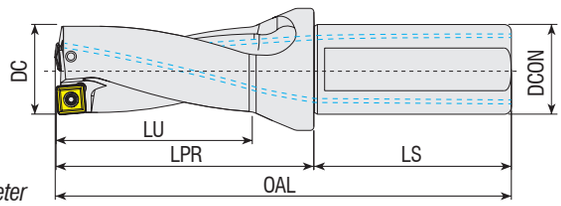
Delme Derinliği = 2x Çap
*Drilling Depth = 2x Diameter*
*Bohrtiefe = 2x Durchmesser*

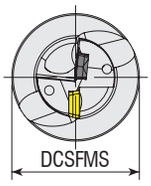



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Maks. Ofset (radyal) *Max. Offset (radial)* *Max. Versatz (radial)* | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | DCON | DCSFMS | OAL | LU | LPR | LS | $X_{max}$[mm] | $DC_{max}$[mm] | | | |
| ATUM 14XD2 KDR 0502.. | ● | 14 | 20 | 25 | 100 | 28 | 50 | 50 | 0.25 | 14.5 | SPMT 050204-XOMT 050204 | 3006-M2x4 | 82-T06 |
| ATUM 18XD2 KDR 0602.. | ● | 18 | 25 | 34 | 114 | 36 | 58 | 56 | 0.5 | 19 | SPMT 060205-XOMT 060204 | 3007-M2.2x4.6 | 82-T07 |
| ATUM 20XD2 KDR 07T2.. | ● | 20 | 25 | 34 | 118 | 40 | 62 | 56 | 0.3 | 20.6 | SPMT 07T208 XOMT 07T205 | 3008-M2.5x6 | 82-T08 |
| ATUM 22XD2 KDR 07T2.. | ● | 22 | 25 | 34 | 122 | 44 | 66 | 56 | 0.3 | 22.6 | | | |
| ATUM 24XD2 KDR 0903.. | ● | 24 | 25 | 34 | 126 | 48 | 70 | 56 | 0.3 | 24.6 | SPMT 090308 XOMT 090305 | 3008-M3x7 | |
| ATUM 25XD2 KDR 0903.. | ● | 25 | 25 | 34 | 128 | 50 | 72 | 56 | 0.3 | 25.6 | | | |
| ATUM 26XD2 KDR 0903.. | ● | 26 | 25 | 34 | 130 | 52 | 74 | 56 | 0.3 | 26.6 | | | |
| ATUM 28XD2 KDR 0903.. | ● | 28 | 25 | 34 | 134 | 56 | 78 | 56 | 0.3 | 28.6 | | | |
| ATUM 30XD2 KDR 11T3.. | ● | 30 | 32 | 34 | 147 | 60 | 87 | 60 | 0.35 | 30.7 | SPMT 11T308 XOMT 11T306 | 4015-M3.5x9 | 80-T15 |
| ATUM 32XD2 KDR 11T3.. | ● | 32 | 32 | 44 | 151 | 64 | 91 | 60 | 0.35 | 32.7 | | | |
| ATUM 34XD2 KDR 11T3.. | ● | 34 | 32 | 44 | 155 | 68 | 95 | 60 | 0.35 | 34.7 | | | |
| ATUM 36XD2 KDR 1304.. | ● | 36 | 32 | 44 | 159 | 72 | 99 | 60 | 0.35 | 36.7 | SPMT 130410 XOMT 130406 | 4015-M4x11 | |
| ATUM 37XD2 KDR 1304.. | ● | 37 | 32 | 44 | 161 | 74 | 101 | 60 | 0.35 | 37.7 | | | |
| ATUM 38XD2 KDR 1304.. | ● | 38 | 32 | 44 | 163 | 76 | 103 | 60 | 0.35 | 38.7 | | | |

Delme Derinliği = 4x Çap
*Drilling Depth = 4x Diameter*
*Bohrtiefe = 4x Durchmesser*



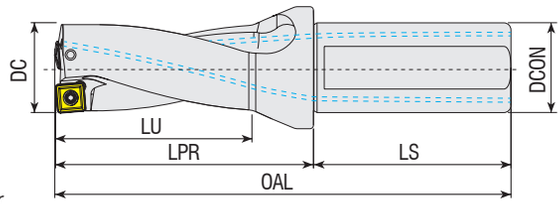

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Maks. Ofset (radyal) *Max. Offset (radial)* *Max. Versatz (radial)* | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | DCON | DCSFMS | OAL | LU | LPR | LS | $X_{max}$[mm] | $DC_{max}$[mm] | | | |
| ATUM 14XD4 KDR 0502.. | ● | 14 | 20 | 25 | 128 | 56 | 78 | 50 | 0.25 | 14.5 | SPMT 050204 XOMT 050204 | 3006-M2x4 | 82-T06 |
| ATUM 14.5XD4 KDR 0502.. | ● | 14.5 | 20 | 25 | 128 | 56 | 78 | 50 | 0.25 | 15 | | | |
| ATUM 15XD4 KDR 0502.. | ● | 15 | 20 | 25 | 132 | 60 | 82 | 50 | 0.25 | 15.5 | | | |
| ATUM 15.5XD4 KDR 0502.. | ● | 15.5 | 20 | 25 | 132 | 60 | 82 | 50 | 0.25 | 16 | | | |
| ATUM 16XD4 KDR 0502.. | ● | 16 | 25 | 34 | 142 | 64 | 86 | 56 | 0.25 | 16.5 | | | |
| ATUM 17XD4 KDR 0602.. | ● | 17 | 25 | 34 | 146 | 68 | 90 | 56 | 0.5 | 18 | SPMT 060205 XOMT 060204 | 3007-M2.2x4.6 | 82-T07 |
| ATUM 17.5XD4 KDR 0602.. | ● | 17.5 | 25 | 34 | 146 | 68 | 90 | 56 | 0.5 | 18.5 | | | |
| ATUM 18XD4 KDR 0602.. | ● | 18 | 25 | 34 | 150 | 72 | 94 | 56 | 0.5 | 19 | | | |
| ATUM 18.5XD4 KDR 0602.. | ● | 18.5 | 25 | 34 | 150 | 72 | 94 | 56 | 0.5 | 19.5 | | | |
| ATUM 19XD4 KDR 0602.. | ● | 19 | 25 | 34 | 154 | 76 | 98 | 56 | 0.5 | 20 | | | |
| ATUM 20XD4 KDR 07T2.. | ● | 20 | 25 | 34 | 158 | 80 | 102 | 56 | 0.3 | 20.6 | SPMT 07T208 XOMT 07T205 | 3008-M2.5x6 | 82-T08 |
| ATUM 21XD4 KDR 07T2.. | ● | 21 | 25 | 34 | 162 | 84 | 106 | 56 | 0.3 | 21.6 | | | |
| ATUM 22XD4 KDR 07T2.. | ● | 22 | 25 | 34 | 166 | 88 | 110 | 56 | 0.3 | 22.6 | | | |
| ATUM 24XD4 KDR 0903.. | ● | 24 | 25 | 34 | 174 | 96 | 118 | 56 | 0.3 | 24.6 | SPMT 090308 XOMT 090305 | 3008-M3x7 | |
| ATUM 25XD4 KDR 0903.. | ● | 25 | 25 | 34 | 178 | 100 | 122 | 56 | 0.3 | 25.6 | | | |

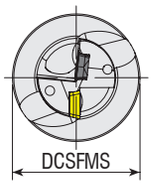
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**KRLY** Ucuna Uygundur. / Compatible with **KRLY** Insert. / Kompatibel mit **KRLY** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ATUM 14XD2 KDR 0502..
Takma Uçlu Matkap Kullanım Kılavuzu : S 463 / *User's Guide For U-Drills : P 463*
*Bedienungsanleitung für Vollbohrer : S 463*

**KRLY** Ucuna Uygundur. / Compatible with **KRLY** Insert. / Kompatibel mit **KRLY** Wendeplatten.

Delme Derinliği = 3x Çap
*Drilling Depth = 3x Diameter*
*Bohrtiefe = 3x Durchmesser*




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Maks. Ofset (radyal) *Max. Offset (radial)* *Max. Versatz (radial)* | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | DCON | DCSFMS | OAL | LU | LPR | LS | $X_{max}$[mm] | $DC_{max}$[mm] | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| **ATUM 12.5XD3 KDR 0402..** | ● | 12.5 | 20 | 25 | 108 | 36 | 58 | 50 | 0.2 | 12.9 | **SPMT 040204** **XOMT 040204** | 3006-M2x4 | 82-T06 |
| **ATUM 13XD3 KDR 0402..** | ● | 13 | 20 | 25 | 111 | 39 | 61 | 50 | 0.2 | 13.4 | | | |
| **ATUM 14XD3 KDR 0502..** | ● | 14 | 20 | 25 | 114 | 42 | 64 | 50 | 0.25 | 14.5 | **SPMT 050204** **XOMT 050204** | | |
| **ATUM 14.5XD3 KDR 0502..** | ● | 14.5 | 20 | 25 | 114 | 42 | 64 | 50 | 0.25 | 15 | | | |
| **ATUM 15XD3 KDR 0502..** | ● | 15 | 20 | 25 | 117 | 45 | 67 | 50 | 0.25 | 15.5 | | | |
| **ATUM 15.5XD3 KDR 0502..** | ● | 15.5 | 20 | 25 | 117 | 45 | 67 | 50 | 0.25 | 16 | | | |
| **ATUM 16XD3 KDR 0502..** | ● | 16 | 25 | 34 | 126 | 48 | 70 | 56 | 0.25 | 16.5 | | | |
| **ATUM 16.5XD3 KDR 0602..** | ● | 16.5 | 25 | 34 | 126 | 48 | 70 | 56 | 0.5 | 17.5 | **SPMT 060205** **XOMT 060204** | 3007-M2.2x4.6 | 82-T07 |
| **ATUM 17XD3 KDR 0602..** | ● | 17 | 25 | 34 | 129 | 51 | 73 | 56 | 0.5 | 18 | | | |
| **ATUM 17.5XD3 KDR 0602..** | ● | 17.5 | 25 | 34 | 129 | 51 | 73 | 56 | 0.5 | 18.5 | | | |
| **ATUM 18XD3 KDR 0602..** | ● | 18 | 25 | 34 | 132 | 54 | 76 | 56 | 0.5 | 19 | | | |
| **ATUM 18.5XD3 KDR 0602..** | ● | 18.5 | 25 | 34 | 132 | 54 | 76 | 56 | 0.5 | 19.5 | | | |
| **ATUM 19XD3 KDR 0602..** | ● | 19 | 25 | 34 | 135 | 57 | 79 | 56 | 0.5 | 20 | | | |
| **ATUM 19.5XD3 KDR 0602..** | ● | 19.5 | 25 | 34 | 135 | 57 | 79 | 56 | 0.5 | 20.5 | | | |
| **ATUM 20XD3 KDR 07T2..** | ● | 20 | 25 | 34 | 138 | 60 | 82 | 56 | 0.3 | 20.6 | **SPMT 07T208** **XOMT 07T205** | 3008-M2.5x6 | 82-T08 |
| **ATUM 20.5XD3 KDR 07T2..** | ● | 20.5 | 25 | 34 | 138 | 60 | 82 | 56 | 0.3 | 21.1 | | | |
| **ATUM 21XD3 KDR 07T2..** | ● | 21 | 25 | 34 | 141 | 63 | 85 | 56 | 0.3 | 21.6 | | | |
| **ATUM 22XD3 KDR 07T2..** | ● | 22 | 25 | 34 | 144 | 66 | 88 | 56 | 0.3 | 22.6 | | | |
| **ATUM 22.5XD3 KDR 07T2..** | ● | 22.5 | 25 | 34 | 144 | 68 | 88 | 56 | 0.3 | 23.1 | | | |
| **ATUM 23XD3 KDR 07T2..** | ● | 23 | 25 | 34 | 147 | 69 | 91 | 56 | 0.3 | 23.6 | | | |
| **ATUM 23.5XD3 KDR 07T2..** | ● | 23.5 | 25 | 34 | 147 | 69 | 91 | 56 | 0.3 | 24.1 | | | |
| **ATUM 24XD3 KDR 0903..** | ● | 24 | 25 | 34 | 150 | 72 | 94 | 56 | 0.3 | 24.6 | **SPMT 090308** **XOMT 090305** | 3008-M3x7 | |
| **ATUM 24.5XD3 KDR 0903..** | ● | 24.5 | 25 | 34 | 150 | 72 | 94 | 56 | 0.3 | 25.1 | | | |
| **ATUM 25XD3 KDR 0903..** | ● | 25 | 25 | 34 | 153 | 75 | 97 | 56 | 0.3 | 25.6 | | | |
| **ATUM 26XD3 KDR 0903..** | ● | 26 | 25 | 34 | 156 | 78 | 100 | 56 | 0.3 | 26.6 | | | |
| **ATUM 27XD3 KDR 0903..** | ● | 27 | 25 | 34 | 159 | 81 | 103 | 56 | 0.3 | 27.6 | | | |
| **ATUM 28XD3 KDR 0903..** | ● | 28 | 25 | 34 | 162 | 84 | 106 | 56 | 0.3 | 28.6 | | | |
| **ATUM 29XD3 KDR 0903..** | ● | 29 | 25 | 34 | 165 | 87 | 109 | 56 | 0.3 | 29.6 | | | |
| **ATUM 30XD3 KDR 11T3..** | ● | 30 | 32 | 44 | 177 | 90 | 117 | 60 | 0.35 | 30.7 | **SPMT 11T308** **XOMT 11T306** | 4015-M3.5x9 | 80-T15 |
| **ATUM 32XD3 KDR 11T3..** | ● | 32 | 32 | 44 | 183 | 96 | 123 | 60 | 0.35 | 32.7 | | | |
| **ATUM 33XD3 KDR 11T3..** | ● | 33 | 32 | 44 | 186 | 99 | 126 | 60 | 0.35 | 33.7 | | | |
| **ATUM 34XD3 KDR 11T3..** | ● | 34 | 32 | 44 | 189 | 102 | 129 | 60 | 0.35 | 34.7 | | | |
| **ATUM 35XD3 KDR 11T3..** | ● | 35 | 32 | 44 | 192 | 105 | 132 | 60 | 0.35 | 35.7 | | | |
| **ATUM 37XD3 KDR 1304..** | ● | 37 | 32 | 44 | 198 | 111 | 138 | 60 | 0.35 | 37.7 | **SPMT 130410** **XOMT 130406** | 4015-M4x11 | |
| **ATUM 38XD3 KDR 1304..** | ● | 38 | 32 | 44 | 201 | 114 | 141 | 60 | 0.35 | 38.7 | | | |
| **ATUM 39XD3 KDR 1304..** | ● | 39 | 32 | 44 | 204 | 117 | 144 | 60 | 0.35 | 39.7 | | | |
| **ATUM 40XD3 KDR 1304..** | ● | 40 | 32 | 44 | 207 | 120 | 147 | 60 | 0.35 | 40.7 | | | |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

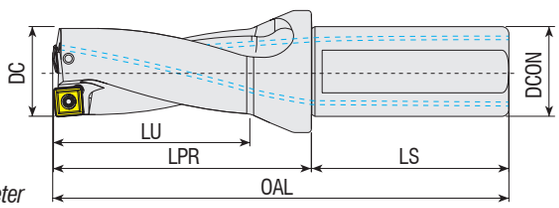
**KRLY** Ucuna Uygundur. / Compatible with **KRLY** Insert. / Kompatibel mit **KRLY** Wendeplatten.

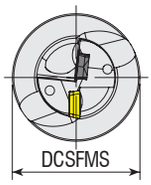
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ATUM 12.5XD3 KDR 0402..

Takma Uçlu Matkap Kullanım Kılavuzu : S 463 / *User's Guide For U-Drills : P 463*
*Bedienungsanleitung für Vollbohrer : S 463*

**KRLY** Ucuna Uygundur. / Compatible with **KRLY** Insert. / Kompatibel mit **KRLY** Wendeplatten.

Delme Derinliği = 5x Çap
*Drilling Depth = 5x Diameter*
*Bohrtiefe = 5x Durchmesser*



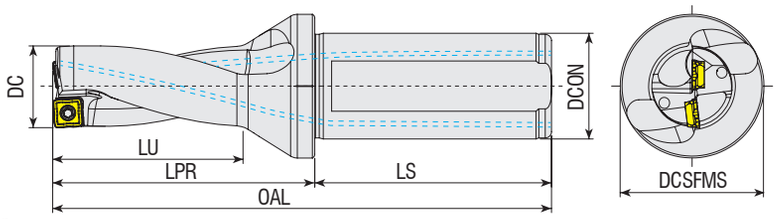

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Maks. Ofset (radyal) *Max. Offset (radial)* *Max. Versatz (radial)* | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | DCON | DCSFMS | OAL | LU | LPR | LS | $X_{max}$[mm] | $DC_{max}$[mm] | | | |
| **ATUM 17XD5 KDR 0602..** | ● | 17 | 25 | 34 | 163 | 85 | 107 | 56 | 0.5 | 18 | **SPMT 060205 XOMT 060204** | 3007-M2.2X4.6 | 82-T07 |
| **ATUM 17.5XD5 KDR 0602..** | ● | 17.5 | 25 | 34 | 163 | 85 | 107 | 56 | 0.5 | 18.5 | | | |
| **ATUM 22XD5 KDR 07T2.** | ● | 22 | 25 | 34 | 188 | 110 | 132 | 56 | 0.3 | 22.6 | **SPMT 07T208 XOMT 07T205** | 3008-M2.5X6 | 82-T08 |
| **ATUM 30XD5 KDR 11T3..** | ● | 30 | 32 | 44 | 237 | 150 | 177 | 60 | 0.35 | 30.7 | **SPMT 11T308 XOMT 11T306** | 4015-M3.5X9 | 80-T15 |

**KRLY** Ucuna Uygundur. / Compatible with **KRLY** Insert. / Kompatibel mit **KRLY** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück. ATUM 17XD5 KDR 0602..

Takma Uçlu Matkap Kullanım Kılavuzu : S 463 / *User's Guide For U-Drills : P 463*
*Bedienungsanleitung für Vollbohrer : S 463*

**MTSBH** Ucuna Uygundur. / Compatible with **MTSBH** Insert. / Kompatibel mit **MTSBH** Wendeplatten.




Delme Derinliği = 2x Çap
*Drilling Depth = 2x Diameter*
*Bohrtiefe = 2x Durchmesser*

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Maks. Ofset (radyal) *Max. Offset (radial)* *Max. Versatz (radial)* | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| | | DC | DCON | DCSFMS | OAL | LU | LPR | LS | $X_{max}$[mm] | $DC_{max}$[mm] | | | |
| **ATUM 14XD2 SO.. 052704** | ● | 14 | 20 | 25 | 100 | 28 | 50 | 50 | 0.60 | 15.20 | | | |
| **ATUM 15XD2 SO.. 052704** | ● | 15 | 20 | 25 | 102 | 30 | 52 | 50 | 0.35 | 15.70 | **SOMX 052704** | 3006-M2x4.7 | |
| **ATUM 16XD2 SO.. 052704** | ● | 16 | 25 | 34 | 110 | 32 | 54 | 56 | 0.25 | 16.50 | | | 82-T08 |
| **ATUM 17XD2 SO.. 063005** | ● | 17 | 25 | 34 | 112 | 34 | 56 | 56 | 0.50 | 18.00 | | | |
| **ATUM 18XD2 SO.. 063005** | ● | 18 | 25 | 34 | 114 | 36 | 58 | 56 | 0.40 | 18.80 | **SOMX 063005** | 3008-M2.5X6 | |
| **ATUM 19XD2 SO.. 063005** | ● | 19 | 25 | 34 | 116 | 38 | 60 | 56 | 0.30 | 19.60 | | | |
| **ATUM 20XD2 SO.. 073505** | ● | 20 | 25 | 34 | 118 | 40 | 62 | 56 | 0.60 | 21.20 | | | |
| **ATUM 21XD2 SO.. 073505** | ● | 21 | 25 | 34 | 120 | 42 | 64 | 56 | 0.50 | 22.00 | **SOMX 073505** | 4010-M3X6 | |
| **ATUM 22XD2 SO.. 073505** | ● | 22 | 25 | 34 | 122 | 44 | 66 | 56 | 0.40 | 22.80 | | | 82-T10 |
| **ATUM 23XD2 SO.. 084005** | ● | 23 | 25 | 34 | 124 | 46 | 68 | 56 | 0.80 | 24.60 | | | |
| **ATUM 24XD2 SO.. 084005** | ● | 24 | 25 | 34 | 126 | 48 | 70 | 56 | 0.70 | 25.40 | **SOMX 084005** | 3010-M3.5X7 | |
| **ATUM 25XD2 SO.. 084005** | ● | 25 | 25 | 34 | 128 | 50 | 72 | 56 | 0.60 | 26.20 | | | |
| **ATUM 26XD2 SO.. 084005** | ● | 26 | 25 | 34 | 130 | 52 | 74 | 56 | 0.50 | 27.00 | | | |
| **ATUM 28XD2 SO.. 094506** | ● | 28 | 25 | 34 | 134 | 56 | 78 | 56 | 0.85 | 29.70 | **SOMX 094506** | 4015-M4X8 | 80-T15 |
| **ATUM 30XD2 SO.. 094506** | ● | 30 | 32 | 44 | 147 | 60 | 87 | 60 | 0.65 | 31.30 | | | |
| **ATUM 48XD2 SO.. 166508** | ● | 48 | 40 | 54 | 198 | 96 | 128 | 70 | 1.8 | 51.6 | **SOMX 166508** | 1020-M5X14 | 80-T20 |
| **ATUM 55XD2 SO.. 166508** | ● | 55 | 40 | 54 | 212 | 110 | 142 | 70 | 1.1 | 57.2 | | | |

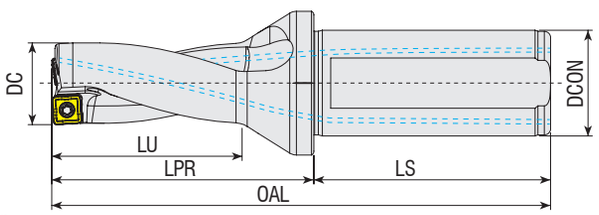
R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**MTSBH** Ucuna Uygundur. / Compatible with **MTSBH** Insert. / Kompatibel mit **MTSBH** Wendeplatten.

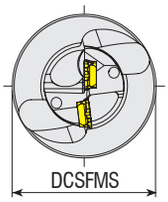
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück. ATUM 14XD2 SO.. 052704

Takma Uçlu Matkap Kullanım Kılavuzu : S 463 / *User's Guide For U-Drills : P 463*
*Bedienungsanleitung für Vollbohrer : S 463*

**MTSBH** Ucuna Uygundur. / Compatible with **MTSBH** Insert. / Kompatibel mit **MTSBH** Wendeplatten.

Delme Derinliği = 3x Çap
*Drilling Depth = 3x Diameter*
*Bohrtiefe = 3x Durchmesser*




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Maks. Ofset (radyal) *Max. Offset (radial)* *Max. Versatz (radial)* | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | DCON | DCSFMS | OAL | LU | LPR | LS | $X_{max}$[mm] | $DC_{max}$[mm] | | | |
| ATUM 14XD3 SO.. 052704 | ● | 14 | 20 | 25 | 114 | 42 | 64 | 50 | 0.60 | 15.2 | | | |
| ATUM 14.5XD3 SO.. 052704 | ● | 14.5 | 20 | 25 | 114 | 43.5 | 64 | 50 | 0.50 | 15.5 | | | |
| ATUM 15XD3 SO.. 052704 | ● | 15 | 20 | 25 | 117 | 45 | 67 | 50 | 0.35 | 15.7 | **SOMX 052704** | 3006-M2x4.7 | |
| ATUM 15.5XD3 SO.. 052704 | ● | 16.5 | 25 | 34 | 126 | 46.5 | 70 | 56 | 0.25 | 17.0 | | | |
| ATUM 16XD3 SO.. 052704 | ● | 16 | 25 | 34 | 126 | 48 | 70 | 56 | 0.25 | 16.5 | | | |
| ATUM 16.5XD3 SO.. 052704 | ● | 16.5 | 25 | 34 | 126 | 49.5 | 70 | 56 | 0.25 | 17.0 | | | 82-T08 |
| ATUM 17XD3 SO.. 063005 | ● | 17 | 25 | 34 | 129 | 51 | 73 | 56 | 0.50 | 18.0 | | | |
| ATUM 17.5XD3 SO.. 063005 | ● | 17.5 | 25 | 34 | 129 | 52.5 | 73 | 56 | 0.45 | 18.4 | | | |
| ATUM 18XD3 SO.. 063005 | ● | 18 | 25 | 34 | 132 | 54 | 76 | 56 | 0.40 | 18.8 | | | |
| ATUM 18.5XD3 SO.. 063005 | ● | 18.5 | 25 | 34 | 132 | 55.5 | 76 | 56 | 0.35 | 19.2 | **SOMX 063005** | 3008-M2.5X6 | |
| ATUM 19XD3 SO.. 063005 | ● | 19 | 25 | 34 | 135 | 57 | 79 | 56 | 0.30 | 19.6 | | | |
| ATUM 19.5XD3 SO.. 063005 | ● | 19.5 | 25 | 34 | 135 | 58.5 | 79 | 56 | 0.25 | 20.0 | | | |
| ATUM 20XD3 SO.. 073505 | ● | 20 | 25 | 34 | 138 | 60 | 82 | 56 | 0.60 | 21.2 | | | |
| ATUM 20.5XD3 SO.. 073505 | ● | 20.5 | 25 | 34 | 138 | 61.5 | 82 | 56 | 0.55 | 21.6 | | | |
| ATUM 21XD3 SO.. 073505 | ● | 21 | 25 | 34 | 141 | 63 | 85 | 56 | 0.50 | 22.0 | | | |
| ATUM 21.5XD3 SO.. 073505 | ● | 21.5 | 25 | 34 | 141 | 64.5 | 85 | 56 | 0.45 | 22.4 | **SOMX 073505** | 4010-M3X6 | |
| ATUM 22XD3 SO.. 073505 | ● | 22 | 25 | 34 | 144 | 66 | 88 | 56 | 0.40 | 22.8 | | | |
| ATUM 22.5XD3 SO.. 073505 | ● | 22.5 | 25 | 34 | 144 | 67.5 | 88 | 56 | 0.35 | 23.2 | | | |
| ATUM 23XD3 SO.. 084005 | ● | 23 | 25 | 34 | 147 | 69 | 91 | 56 | 0.80 | 24.6 | | | 82-T10 |
| ATUM 23.5XD3 SO.. 084005 | ● | 23.5 | 25 | 34 | 147 | 70.5 | 91 | 56 | 0.75 | 25.0 | | | |
| ATUM 24XD3 SO.. 084005 | ● | 24 | 25 | 34 | 150 | 72 | 94 | 56 | 0.70 | 25.4 | | | |
| ATUM 24.5XD3 SO.. 084005 | ● | 24.5 | 25 | 34 | 150 | 73.5 | 94 | 56 | 0.65 | 25.8 | **SOMX 084005** | 3010-M3.5X7 | |
| ATUM 25XD3 SO.. 084005 | ● | 25 | 25 | 34 | 153 | 75 | 97 | 56 | 0.60 | 26.2 | | | |
| ATUM 26XD3 SO.. 084005 | ● | 26 | 25 | 34 | 156 | 78 | 100 | 56 | 0.50 | 27 | | | |
| ATUM 27XD3 SO.. 084005 | ● | 27 | 25 | 34 | 159 | 81 | 103 | 56 | 0.45 | 27.9 | | | |
| ATUM 28XD3 SO.. 094506 | ● | 28 | 25 | 34 | 162 | 84 | 106 | 56 | 0.85 | 29.7 | | | |
| ATUM 29XD3 SO.. 094506 | ● | 29 | 25 | 34 | 165 | 87 | 109 | 56 | 0.75 | 30.5 | | | |
| ATUM 30XD3 SO.. 094506 | ● | 30 | 32 | 44 | 177 | 90 | 117 | 60 | 0.65 | 31.3 | **SOMX 094506** | 4015-M4X8 | 80-T15 |
| ATUM 32XD3 SO.. 094506 | ● | 32 | 32 | 44 | 183 | 96 | 123 | 60 | 0.45 | 32.9 | | | |

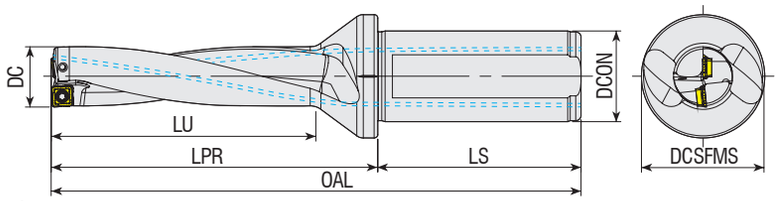
R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager*  ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

**MTSBH** Ucuna Uygundur. / Compatible with **MTSBH** Insert. / Kompatibel mit **MTSBH** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ATUM 14XD3 SO.. 052704

Takma Uçlu Matkap Kullanım Kılavuzu : S 463 / *User's Guide For U-Drills : P 463*
*Bedienungsanleitung für Vollbohrer : S 463*

**MTSBH** Ucuna Uygundur. / Compatible with **MTSBH** Insert. / Kompatibel mit **MTSBH** Wendeplatten.




Delme Derinliği = 4x Çap
*Drilling Depth = 4x Diameter*
*Bohrtiefe = 4x Durchmesser*

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Maks. Ofset (radyal) *Max. Offset (radial)* *Max. Versatz (radial)* | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | DCON | DCSFMS | OAL | LU | LPR | LS | $X_{max}$[mm] | $DC_{max}$[mm] | | | |
| ATUM 14XD4 SO.. 052704 | ● | 14 | 20 | 25 | 128 | 56 | 78 | 50 | 0.60 | 15.2 | | | |
| ATUM 15XD4 SO.. 052704 | ● | 15 | 20 | 25 | 132 | 60 | 82 | 50 | 0.35 | 15.7 | **SOMX 052704** | 3006-M2x4.7 | 82-T08 |
| ATUM 16XD4 SO.. 052704 | ● | 16 | 25 | 34 | 142 | 64 | 86 | 56 | 0.25 | 16.5 | | | |
| ATUM 17XD4 SO.. 063005 | ● | 17 | 25 | 34 | 146 | 68 | 90 | 56 | 0.50 | 18.0 | | | |
| ATUM 18XD4 SO.. 063005 | ● | 18 | 25 | 34 | 150 | 72 | 94 | 56 | 0.40 | 18.8 | **SOMX 063005** | 3008-M2.5X6 | 82-T08 |
| ATUM 19XD4 SO.. 063005 | ● | 19 | 25 | 34 | 154 | 76 | 98 | 56 | 0.30 | 19.6 | | | |
| ATUM 20XD4 SO.. 073505 | ● | 20 | 25 | 34 | 158 | 80 | 102 | 56 | 0.60 | 21.2 | | | |
| ATUM 21XD4 SO.. 073505 | ● | 21 | 25 | 34 | 162 | 84 | 106 | 56 | 0.50 | 22.0 | **SOMX 073505** | 4010-M3X6 | |
| ATUM 22XD4 SO.. 073505 | ● | 22 | 25 | 34 | 166 | 88 | 110 | 56 | 0.40 | 22.8 | | | |
| ATUM 23XD4 SO.. 084005 | ● | 23 | 25 | 34 | 170 | 92 | 114 | 56 | 0.80 | 24.6 | | | |
| ATUM 24XD4 SO.. 084005 | ● | 24 | 25 | 34 | 174 | 96 | 118 | 56 | 0.70 | 25.4 | | | 82-T10 |
| ATUM 25XD4 SO.. 084005 | ● | 25 | 25 | 34 | 178 | 100 | 122 | 56 | 0.60 | 26.2 | **SOMX 084005** | 3010-M3.5X7 | |
| ATUM 26XD4 SO.. 084005 | ● | 26 | 25 | 34 | 182 | 104 | 126 | 56 | 0.50 | 27.0 | | | |
| ATUM 28XD4 SO.. 094506 | ● | 28 | 25 | 34 | 190 | 112 | 134 | 56 | 0.85 | 29.7 | **SOMX 094506** | 4015-M4X8 | 80-T15 |
| ATUM 30XD4 SO.. 094506 | ● | 30 | 32 | 44 | 207 | 120 | 147 | 60 | 0.65 | 31.3 | | | |

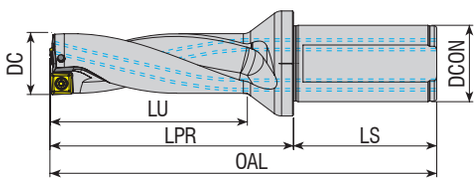
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**MTSBH** Ucuna Uygundur. / Compatible with **MTSBH** Insert. / Kompatibel mit **MTSBH** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ATUM 14XD4 SO.. 052704

Takma Uçlu Matkap Kullanım Kılavuzu : S 463 / *User's Guide For U-Drills : P 463*
*Bedienungsanleitung für Vollbohrer : S 463*

**SNDVK** Ucuna Uygundur. / Compatible with **SNDVK** Insert. / Kompatibel mit **SNDVK** Wendeplatten.

Delme Derinliği = 3x Çap
*Drilling Depth = 3x Diameter*
*Bohrtiefe = 3x Durchmesser*



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Maks. Ofset (radyal) *Max. Offset (radial)* *Max. Versatz (radial)* | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | DCON | DCSFMS | OAL | LU | LPR | LS | $X_{max}$[mm] | $DC_{max}$[mm] | | | |
| ATUM 14XD3 880-0202.. | ● | 14 | 20 | 25 | 108 | 42 | 58 | 50 | 0.5 | 15 | | | |
| ATUM 14.5XD3 880-0202.. | ● | 14.5 | 20 | 25 | 110 | 46 | 60 | 50 | 0.45 | 15.4 | | | |
| ATUM 15XD3 880-0202.. | ● | 15 | 20 | 25 | 112 | 48 | 62 | 50 | 0.4 | 15.8 | **880-02…C / P** | 3006-M2x4 | 82-T06 |
| ATUM 15.5XD3 880-0202.. | ● | 15.5 | 20 | 25 | 114 | 50 | 64 | 50 | 0.3 | 16.1 | | | |
| ATUM 16XD3 880-0202.. | ● | 16 | 20 | 25 | 116 | 51 | 66 | 50 | 0.3 | 16.6 | | | |
| ATUM 16.5XD3 880-0303.. | ● | 16.5 | 20 | 25 | 118 | 53 | 68 | 50 | 0.6 | 17.7 | | | |
| ATUM 17XD3 880-0303.. | ● | 17 | 20 | 25 | 119 | 54 | 69 | 50 | 0.6 | 18.2 | | | |
| ATUM 17.5XD3 880-0303.. | ● | 17.5 | 25 | 32 | 128 | 56 | 72 | 56 | 0.5 | 18.5 | | | |
| ATUM 18XD3 880-0303.. | ● | 18 | 25 | 32 | 129 | 57 | 73 | 56 | 0.4 | 18.8 | **880-03…C / P** | 3007-M2.2x4.6 | 82-T07 |
| ATUM 18.5XD3 880-0303.. | ● | 18.5 | 25 | 32 | 131 | 59 | 75 | 56 | 0.4 | 19.3 | | | |
| ATUM 19XD3 880-0303.. | ● | 19 | 25 | 32 | 132 | 60 | 76 | 56 | 0.3 | 19.6 | | | |
| ATUM 19.5XD3 880-0303.. | ● | 19.5 | 25 | 32 | 135 | 62 | 79 | 56 | 0.3 | 20.1 | | | |
| ATUM 20XD3 880-0403.. | ● | 20 | 25 | 32 | 137 | 64 | 81 | 56 | 0.9 | 21.8 | | | |
| ATUM 20.5XD3 880-0403.. | ● | 20.5 | 25 | 32 | 138 | 65 | 82 | 56 | 0.8 | 22.1 | | | |
| ATUM 21XD3 880-0403.. | ● | 21 | 25 | 32 | 140 | 66 | 84 | 56 | 0.8 | 22.6 | | | |
| ATUM 21.5XD3 880-0403.. | ● | 21.5 | 25 | 32 | 142 | 68 | 86 | 56 | 0.7 | 22.9 | **880-04…C / P** | 3008-M2.5x6 | 82-T08 |
| ATUM 22XD3 880-0403.. | ● | 22 | 25 | 32 | 143 | 69 | 87 | 56 | 0.6 | 23.2 | | | |
| ATUM 22.5XD3 880-0403.. | ● | 22.5 | 25 | 32 | 146 | 71 | 90 | 56 | 0.5 | 23.5 | | | |
| ATUM 23XD3 880-0403.. | ● | 23 | 25 | 32 | 147 | 72 | 91 | 56 | 0.5 | 24 | | | |
| ATUM 23.5XD3 880-0403.. | ● | 23.5 | 25 | 34 | 149 | 69 | 93 | 56 | 0.4 | 24.3 | | | |
| ATUM 24XD3 880-0503.. | ● | 24 | 25 | 32 | 151 | 76 | 95 | 56 | 1.1 | 26.2 | | | |
| ATUM 25XD3 880-0503.. | ● | 25 | 25 | 32 | 155 | 79 | 99 | 56 | 1 | 27 | | | |
| ATUM 26XD3 880-0503.. | ● | 26 | 32 | 44 | 162 | 81 | 102 | 60 | 0.9 | 27.8 | **880-05…C / P** | 4010-M3x8 | |
| ATUM 27XD3 880-0503.. | ● | 27 | 32 | 44 | 165 | 84 | 105 | 60 | 0.7 | 28.4 | | | |
| ATUM 28XD3 880-0503.. | ● | 28 | 32 | 44 | 169 | 87 | 109 | 60 | 0.6 | 29.2 | | | |
| ATUM 29XD3 880-0503.. | ● | 29 | 32 | 44 | 172 | 90 | 112 | 60 | 0.5 | 30 | | | |
| ATUM 30XD3 880-0604.. | ● | 30 | 32 | 44 | 177 | 94 | 117 | 60 | 1.1 | 32.2 | | | |
| ATUM 31XD3 880-0604.. | ● | 31 | 40 | 54 | 191 | 97 | 121 | 70 | 1 | 33 | | | |
| ATUM 32XD3 880-0604.. | ● | 32 | 40 | 54 | 194 | 100 | 124 | 70 | 0.9 | 33.8 | | 3010-M3.5x9 | 82-T10 |
| ATUM 33XD3 880-0604.. | ● | 33 | 40 | 54 | 198 | 103 | 128 | 70 | 0.7 | 34.4 | **880-06…C / P** | | |
| ATUM 34XD3 880-0604.. | ● | 34 | 40 | 54 | 201 | 106 | 131 | 70 | 0.5 | 35 | | | |
| ATUM 35XD3 880-0604.. | ● | 35 | 40 | 54 | 205 | 109 | 135 | 70 | 0.4 | 35.8 | | | |
| ATUM 36XD3 880-0704.. | ● | 36 | 40 | 54 | 209 | 112 | 139 | 70 | 1.3 | 38.6 | | | |
| ATUM 38XD3 880-0704.. | ● | 38 | 40 | 54 | 216 | 118 | 146 | 70 | 1.1 | 40.2 | | | |
| ATUM 39XD3 880-0704.. | ● | 39 | 40 | 54 | 219 | 121 | 149 | 70 | 1 | 41 | | 3010-M3.5x9 | |
| ATUM 40XD3 880-0704.. | ● | 40 | 40 | 54 | 223 | 124 | 153 | 70 | 0.8 | 41.6 | **880-07…C / P** | | |
| ATUM 41XD3 880-0704.. | ● | 41 | 40 | 54 | 227 | 127 | 157 | 70 | 0.7 | 42.4 | | | |
| ATUM 42XD3 880-0704.. | ● | 42 | 40 | 54 | 230 | 130 | 160 | 70 | 0.6 | 43.2 | | | |
| ATUM 45XD3 880-0805.. | ● | 45 | 40 | 54 | 242 | 140 | 172 | 70 | 1.4 | 47.8 | | | |
| ATUM 46XD3 880-0805.. | ● | 46 | 40 | 54 | 246 | 143 | 176 | 70 | 1.3 | 48.6 | | 4015-M4x11 | 80-T15 |
| ATUM 48XD3 880-0805.. | ● | 48 | 40 | 54 | 253 | 149 | 183 | 70 | 1 | 50 | **880-08…C / P** | | |
| ATUM 50XD3 880-0805.. | ● | 50 | 40 | 54 | 260 | 155 | 190 | 70 | 0.8 | 51.6 | | | |

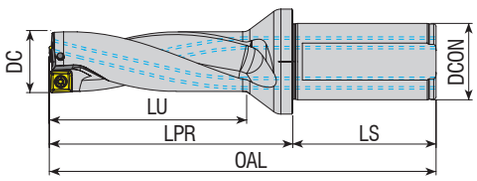
R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager*  ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**SNDVK** Ucuna Uygundur. / Compatible with **SNDVK** Insert. / Kompatibel mit **SNDVK** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ATUM 14XD3 880-0202..

Takma Uçlu Matkap Kullanım Kılavuzu : S 463 / *User's Guide For U-Drills : P 463*
*Bedienungsanleitung für Vollbohrer : S 463*

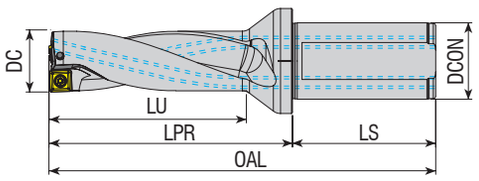
**SNDVK** Ucuna Uygundur. / Compatible with **SNDVK** Insert. / Kompatibel mit **SNDVK** Wendeplatten.

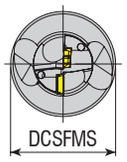
Delme Derinliği = 2x Çap
*Drilling Depth = 2x Diameter*
*Bohrtiefe = 2x Durchmesser*



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Maks. Ofset (radyal) *Max. Offset (radial)* *Max. Versatz (radial)* | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | DCON | DCSFMS | OAL | LU | LPR | LS | $X_{max}$[mm] | $DC_{max}$[mm] | | | |
| new ATUM 16XD2 880-0202.. | ● | 16 | 20 | 25 | 101 | 32 | 51 | 50 | 0.3 | 16.6 | **880-02…C / P** | 3006-M2x4 | 82-T06 |
| new ATUM 22.5XD2 880-0403.. | ● | 22.5 | 25 | 32 | 123 | 45 | 67 | 56 | 0.5 | 23.5 | **880-04…C / P** | 3008-M2.5x6 | 82-T08 |
| ATUM 25.5xD2 880-0503.. | ● | 25.5 | 25 | 32 | 131 | 50 | 75 | 56 | 0.25 | 26 | **880-05...C/P** | 4010-M3X8 | 82-T10 |
| ATUM 28.5xD2 880-0503.. | ● | 28.5 | 32 | 44 | 143 | 56 | 83 | 60 | 0.25 | 29 | | | |
| ATUM 32xD2 880-0604.. | ● | 32 | 40 | 54 | 162 | 64 | 92 | 70 | 0.25 | 32.5 | **880-06...C/P** | 3010-M3.5X9 | |
| ATUM 35xD2 880-0604.. | ● | 35 | 40 | 54 | 171 | 70 | 101 | 70 | 0.25 | 35.5 | | | |

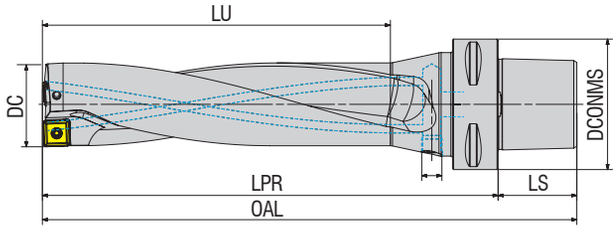
Delme Derinliği = 5x Çap
*Drilling Depth = 5x Diameter*
*Bohrtiefe = 5x Durchmesser*




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Maks. Ofset (radyal) *Max. Offset (radial)* *Max. Versatz (radial)* | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | DCON | DCSFMS | OAL | LU | LPR | LS | $X_{max}$[mm] | $DC_{max}$[mm] | | | |
| ATUM 17.5XD5 880-0303.. | ● | 17.5 | 25 | 32 | 163 | 85 | 107 | 56 | 0.25 | 18 | **880-03...C/P** | 3007-M2.2X4.6 | 82-T07 |

Delme Derinliği = 4x Çap
*Drilling Depth = 4x Diameter*
*Bohrtiefe = 4x Durchmesser*



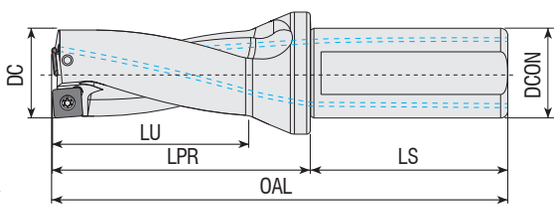

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Maks. Ofset (radyal) *Max. Offset (radial)* *Max. Versatz (radial)* | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Sızdırmaz Vida *Threaded Screw* *Gewindestift* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | DCONMS | OAL | LU | LPR | LS | $X_{max}$[mm] | $DC_{max}$[mm] | | | | |
| ATUM 41XD4 C6 880-0704 | ● | 41 | 63 | 258 | 168 | 220 | 38 | 0.7 | 42.4 | **880-0704-C**<br>**880-0705-P** | 3010-M3.5x9 | 2705-G1/8x5.5 | 82-T10 |

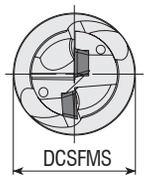
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**SNDVK** Ucuna Uygundur. / Compatible with **SNDVK** Insert. / Kompatibel mit **SNDVK** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ATUM 16XD2 880-0202..
Takma Uçlu Matkap Kullanım Kılavuzu : S 463 / *User's Guide For U-Drills : P 463*
*Bedienungsanleitung für Vollbohrer : S 463*

**TGTC** Ucuna Uygundur. / Compatible with **TGTC** Insert. / Kompatibel mit **TGTC** Wendeplatten.

Delme Derinliği = 2x Çap
*Drilling Depth = 2x Diameter*
*Bohrtiefe = 2x Durchmesser*




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Maks. Ofset (radyal) *Max. Offset (radial)* *Max. Versatz (radial)* | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | DCON | DCSFMS | OAL | LU | LPR | LS | $X_{max}$[mm] | $DC_{max}$[mm] | | | |
| ATUM 12.5XD2 SP.. 050204 | ● | 12.5 | 20 | 25 | 96 | 24 | 46 | 50 | 0.75 | 14 | | | |
| ATUM 13XD2 SP.. 050204 | ● | 13 | 20 | 25 | 98 | 26 | 48 | 50 | 0.75 | 14.5 | | | |
| ATUM 13.5XD2 SP.. 050204 | ● | 13.5 | 20 | 25 | 98 | 26 | 48 | 50 | 0.75 | 15 | | | |
| ATUM 14XD2 SP.. 050204 | ● | 14 | 20 | 25 | 100 | 28 | 50 | 50 | 0.6 | 15.2 | **SP.. 050204** | 3006-M2x4 | 82-T06 |
| ATUM 14.5XD2 SP.. 050204 | ● | 14.5 | 20 | 25 | 100 | 28 | 50 | 50 | 0.6 | 15.7 | | | |
| ATUM 15XD2 SP.. 050204 | ● | 15 | 20 | 25 | 102 | 30 | 52 | 50 | 0.5 | 16 | | | |
| ATUM 15.5XD2 SP.. 060204 | ● | 15.5 | 20 | 25 | 102 | 30 | 52 | 50 | 0.9 | 17.3 | | | |
| ATUM 16XD2 SP.. 060204 | ● | 16 | 25 | 34 | 110 | 32 | 54 | 56 | 0.8 | 17.6 | | | |
| ATUM 16.5XD2 SP.. 060204 | ● | 16.5 | 25 | 34 | 110 | 32 | 54 | 56 | 0.8 | 18.1 | | | |
| ATUM 17XD2 SP.. 060204 | ● | 17 | 25 | 34 | 112 | 34 | 56 | 56 | 0.75 | 18.5 | | | |
| ATUM 17.5XD2 SP.. 060204 | ● | 17.5 | 25 | 34 | 112 | 34 | 56 | 56 | 0.75 | 19 | | | |
| ATUM 18XD2 SP.. 060204 | ● | 18 | 25 | 34 | 114 | 36 | 58 | 56 | 0.5 | 19 | | | |
| ATUM 18.5XD2 SP.. 060204 | ● | 18.5 | 25 | 34 | 114 | 36 | 58 | 56 | 0.5 | 19.5 | | | |
| ATUM 19XD2 SP.. 060204 | ● | 19 | 25 | 34 | 116 | 38 | 60 | 56 | 0.3 | 19.6 | **SP.. 060204** | 3007-M2.2x4.6 | 82-T07 |
| ATUM 19.5XD2 SP.. 060204 | ● | 19.5 | 25 | 34 | 116 | 38 | 60 | 56 | 0.3 | 20.1 | | | |
| ATUM 20XD2 SP.. 060204 | ● | 20 | 25 | 34 | 118 | 40 | 62 | 56 | 0 | 20 | | | |
| ATUM 20.5XD2 SP.. 060204 | ● | 20.5 | 25 | 34 | 118 | 40 | 62 | 56 | 0 | 20.5 | | | |
| ATUM 21XD2 SP.. 060204 | ● | 21 | 25 | 34 | 120 | 42 | 64 | 56 | 0 | 21 | | | |
| ATUM 21.5XD2 SP.. 060204 | ● | 21.5 | 25 | 34 | 120 | 42 | 64 | 56 | 0 | 21.5 | | | |
| ATUM 22XD2 SP.. 07T308 | ● | 22 | 25 | 34 | 122 | 44 | 66 | 56 | 1 | 24 | | | |
| ATUM 22XD2 SP.. 07T308-32 | ● | 22 | 32 | 44 | 131 | 44 | 71 | 60 | 1 | 24 | | | |
| ATUM 22.5XD2 SP.. 07T308 | ● | 22.5 | 25 | 34 | 122 | 44 | 66 | 56 | 1 | 24.5 | | | |
| ATUM 23XD2 SP.. 07T308 | ● | 23 | 25 | 34 | 124 | 46 | 68 | 56 | 0.75 | 24.5 | | | |
| ATUM 23XD2 SP.. 07T308-32 | ● | 23 | 32 | 44 | 133 | 46 | 73 | 60 | 0.75 | 24.5 | | | |
| ATUM 23.5XD2 SP.. 07T308 | ● | 23.5 | 25 | 34 | 124 | 46 | 68 | 56 | 0.75 | 25 | | | |
| ATUM 24XD2 SP.. 07T308 | ● | 24 | 25 | 34 | 126 | 48 | 70 | 56 | 0.5 | 25 | | | |
| ATUM 24XD2 SP.. 07T308-32 | ● | 24 | 32 | 44 | 135 | 48 | 75 | 60 | 0.50 | 25 | **SP.. 07T308** | 3008-M2.5x6 | 82-T08 |
| ATUM 24.5XD2 SP.. 07T308 | ● | 24.5 | 25 | 34 | 126 | 48 | 70 | 56 | 0.5 | 25.5 | | | |
| ATUM 25XD2 SP.. 07T308 | ● | 25 | 25 | 34 | 128 | 50 | 72 | 56 | 0.25 | 25.5 | | | |
| ATUM 25XD2 SP.. 07T308-32 | ● | 25 | 32 | 44 | 137 | 50 | 77 | 60 | 0.25 | 25.5 | | | |
| ATUM 25.5XD2 SP.. 07T308 | ● | 25.5 | 25 | 34 | 128 | 50 | 72 | 56 | 0.25 | 26 | | | |
| ATUM 26XD2 SP.. 07T308 | ● | 26 | 25 | 34 | 130 | 52 | 74 | 56 | 0 | 26 | | | |
| ATUM 26XD2 SP.. 07T308-32 | ● | 26 | 32 | 44 | 139 | 52 | 79 | 60 | 0 | 26 | | | |
| ATUM 26.5XD2 SP.. 07T308 | ● | 26.5 | 25 | 34 | 130 | 52 | 74 | 56 | 0 | 26.5 | | | |
| ATUM 27XD2 SP.. 07T308 | ● | 27 | 25 | 34 | 132 | 54 | 76 | 56 | 0 | 27 | | | |
| ATUM 27XD2 SP.. 07T308-32 | ● | 27 | 32 | 44 | 141 | 54 | 81 | 60 | 0 | 27 | | | |
| ATUM 27.5XD2 SP.. 07T308 | ● | 27.5 | 25 | 34 | 132 | 54 | 76 | 56 | 0 | 27.5 | | | |

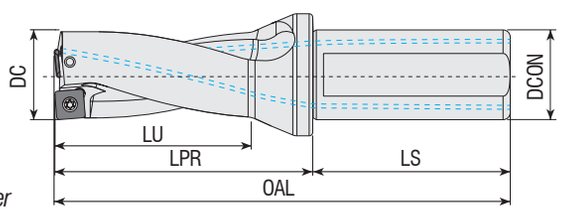
R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**TGTC** Ucuna Uygundur. / Compatible with **TGTC** Insert. / Kompatibel mit **TGTC** Wendeplatten.

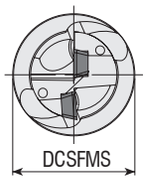
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ATUM 12.5XD2 SP. 050204

Takma Uçlu Matkap Kullanım Kılavuzu : S 463 / *User's Guide For U-Drills : P 463*
*Bedienungsanleitung für Vollbohrer : S 463*

**TGTC** Ucuna Uygundur. / Compatible with **TGTC** Insert. / Kompatibel mit **TGTC** Wendeplatten.

Delme Derinliği = 2x Çap
*Drilling Depth = 2x Diameter*
*Bohrtiefe = 2x Durchmesser*




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Maks. Ofset (radyal) *Max. Offset (radial)* *Max. Versatz (radial)* | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | DCON | DCSFMS | OAL | LU | LPR | LS | $X_{max}$[mm] | $DC_{max}$[mm] | | | |
| **ATUM 28XD2 SP.. 090408** | ● | 28 | 25 | 34 | 134 | 56 | 78 | 56 | 1 | 30 | | | |
| **ATUM 28XD2 SP.. 090408-32** | ● | 28 | 32 | 44 | 143 | 56 | 83 | 60 | 1 | 29 | | | |
| **ATUM 28.5XD2 SP.. 090408** | ● | 28.5 | 25 | 34 | 134 | 56 | 78 | 56 | 1 | 30.5 | | | |
| **ATUM 29XD2 SP.. 090408** | ● | 29 | 25 | 34 | 136 | 58 | 80 | 56 | 0.75 | 30.5 | **SP.. 090408** | 4015-M3.5x9 | 80-T15 |
| **ATUM 29XD2 SP.. 090408-32** | ● | 29 | 32 | 44 | 145 | 58 | 85 | 60 | 0.75 | 30.5 | | | |
| **ATUM 29.5XD2 SP.. 090408** | ● | 29.5 | 25 | 34 | 136 | 58 | 80 | 56 | 0.75 | 31 | | | |
| **ATUM 30XD2 SP.. 090408** | ● | 30 | 32 | 44 | 147 | 60 | 87 | 60 | 0.5 | 31 | | | |
| **ATUM 30.5XD2 SP.. 090408** | ● | 30.5 | 32 | 34 | 147 | 60 | 87 | 60 | 0.5 | 31.5 | | | |
| **ATUM 31XD2 SP.. 090408** | ● | 31 | 32 | 44 | 149 | 62 | 89 | 60 | 0.25 | 31.5 | | | |
| **ATUM 32XD2 SP.. 090408** | ● | 32 | 32 | 44 | 151 | 64 | 91 | 60 | 0 | 32 | | | |
| **ATUM 33XD2 SP.. 090408** | ● | 33 | 32 | 44 | 153 | 66 | 93 | 60 | 0 | 33 | | | |
| **ATUM 34XD2 SP.. 110408** | ● | 34 | 32 | 44 | 155 | 68 | 95 | 60 | 1 | 36 | | | |
| **ATUM 35XD2 SP.. 110408** | ● | 35 | 32 | 44 | 157 | 70 | 97 | 60 | 0.75 | 36.5 | | | |
| **ATUM 36XD2 SP.. 110408** | ● | 36 | 32 | 44 | 159 | 72 | 99 | 60 | 0.6 | 37.2 | **SP.. 110408** | 4015-M4x11 | 80-T15 |
| **ATUM 37XD2 SP.. 110408** | ● | 37 | 32 | 44 | 161 | 74 | 101 | 60 | 0.5 | 38 | | | |
| **ATUM 38XD2 SP.. 110408** | ● | 38 | 32 | 44 | 163 | 76 | 103 | 60 | 0.25 | 38.5 | | | |
| **ATUM 39XD2 SP.. 110408** | ● | 39 | 32 | 44 | 165 | 78 | 105 | 60 | 0 | 39 | | | |
| **ATUM 40XD2 SP.. 110408** | ● | 40 | 32 | 44 | 167 | 80 | 107 | 60 | 0 | 40 | | | |
| **ATUM 41XD2 SP.. 110408** | ● | 41 | 32 | 44 | 169 | 82 | 109 | 60 | 0 | 41 | | | |
| **ATUM 42XD2 SP.. 140512** | ● | 42 | 32 | 44 | 171 | 84 | 111 | 60 | 1.2 | 44.4 | | | |
| **ATUM 43XD2 SP.. 140512** | ● | 43 | 32 | 44 | 173 | 86 | 113 | 60 | 1 | 45 | | | |
| **ATUM 44XD2 SP.. 140512** | ● | 44 | 32 | 44 | 175 | 88 | 115 | 60 | 0.8 | 45.6 | | | |
| **ATUM 45XD2 SP.. 140512** | ● | 45 | 40 | 54 | 192 | 90 | 122 | 70 | 0.6 | 46.2 | **SP.. 140512** | 1020-M5x11 | 80-T20 |
| **ATUM 46XD2 SP.. 140512** | ● | 46 | 40 | 54 | 194 | 92 | 124 | 70 | 0.4 | 46.8 | | | |
| **ATUM 47XD2 SP.. 140512** | ● | 47 | 40 | 54 | 196 | 94 | 126 | 70 | 0.2 | 47.4 | | | |
| **ATUM 48XD2 SP.. 140512** | ● | 48 | 40 | 54 | 198 | 96 | 128 | 70 | 0 | 48 | | | |
| **ATUM 49XD2 SP.. 140512** | ● | 49 | 40 | 54 | 200 | 98 | 130 | 70 | 0 | 49 | | | |
| **ATUM 50XD2 SP.. 140512** | | 50 | 40 | 54 | 202 | 100 | 132 | 70 | 0 | 50 | | | |

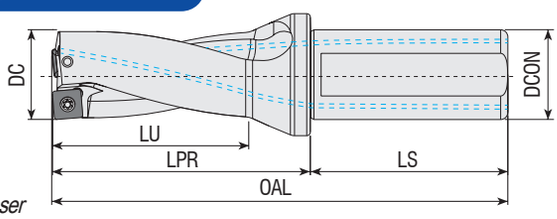
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**TGTC** Ucuna Uygundur. / Compatible with **TGTC** Insert. / Kompatibel mit **TGTC** Wendeplatten.

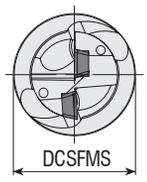
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ATUM 28XD2 SP.. 090408

Takma Uçlu Matkap Kullanım Kılavuzu : S 463 / *User's Guide For U-Drills : P 463*
*Bedienungsanleitung für Vollbohrer : S 463*

**TGTC** Ucuna Uygundur. / Compatible with **TGTC** Insert. / Kompatibel mit **TGTC** Wendeplatten.

Delme Derinliği = 3x Çap
*Drilling Depth = 3x Diameter*
*Bohrtiefe = 3x Durchmesser*



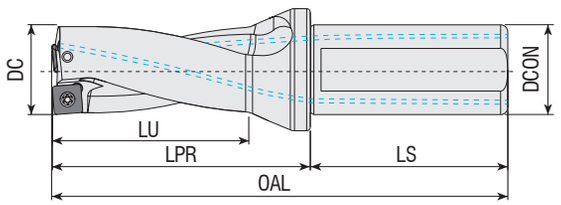



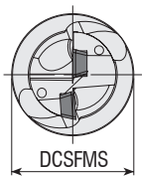

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Maks. Ofset (radyal) *Max. Offset (radial)* *Max. Versatz (radial)* | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | DCON | DCSFMS | OAL | LU | LPR | LS | $X_{max}$[mm] | $DC_{max}$[mm] | | | |
| ATUM 12.5XD3 SP.. 050204 | ● | 12.5 | 20 | 25 | 108 | 36 | 58 | 50 | 0.75 | 14 | | | |
| ATUM 13XD3 SP.. 050204 | ● | 13 | 20 | 25 | 111 | 39 | 61 | 50 | 0.75 | 14.5 | | | |
| ATUM 13.5XD3 SP.. 050204 | ● | 13.5 | 20 | 25 | 111 | 39 | 61 | 50 | 0.75 | 15 | | | |
| ATUM 14XD3 SP.. 050204 | ● | 14 | 20 | 25 | 114 | 42 | 64 | 50 | 0.6 | 15.2 | **SP.. 050204** | 3006-M2x4 | 82-T06 |
| ATUM 14.5XD3 SP.. 050204 | ● | 14.5 | 20 | 25 | 114 | 42 | 64 | 50 | 0.6 | 15.7 | | | |
| ATUM 15XD3 SP.. 050204 | ● | 15 | 20 | 25 | 117 | 45 | 67 | 50 | 0.5 | 16 | | | |
| ATUM 15.5XD3 SP.. 060204 | ● | 15.5 | 20 | 25 | 117 | 45 | 67 | 50 | 0.9 | 17.3 | | | |
| ATUM 16XD3 SP.. 060204 | ● | 16 | 25 | 34 | 126 | 48 | 70 | 56 | 0.8 | 17.6 | | | |
| ATUM 16.5XD3 SP.. 060204 | ● | 16.5 | 25 | 34 | 126 | 48 | 70 | 56 | 0.8 | 18.1 | | | |
| ATUM 17XD3 SP.. 060204 | ● | 17 | 25 | 34 | 129 | 51 | 73 | 56 | 0.75 | 18.5 | | | |
| ATUM 17.5XD3 SP.. 060204 | ● | 17.5 | 25 | 34 | 129 | 51 | 73 | 56 | 0.75 | 19 | | | |
| ATUM 18XD3 SP.. 060204 | ● | 18 | 25 | 34 | 132 | 54 | 76 | 56 | 0.5 | 19 | | | |
| ATUM 18.5XD3 SP.. 060204 | ● | 18.5 | 25 | 34 | 132 | 54 | 76 | 56 | 0.5 | 19.5 | **SP.. 060204** | 3007-M2.2x4.6 | 82-T07 |
| ATUM 19XD3 SP.. 060204 | ● | 19 | 25 | 34 | 135 | 57 | 79 | 56 | 0.3 | 19.6 | | | |
| ATUM 19.5XD3 SP.. 060204 | ● | 19.5 | 25 | 34 | 135 | 57 | 79 | 56 | 0.3 | 20.1 | | | |
| ATUM 20XD3 SP.. 060204 | ● | 20 | 25 | 34 | 138 | 60 | 82 | 56 | 0 | 20 | | | |
| ATUM 20.5XD3 SP.. 060204 | ● | 20.5 | 25 | 34 | 138 | 60 | 82 | 56 | 0 | 20.5 | | | |
| ATUM 21XD3 SP.. 060204 | ● | 21 | 25 | 34 | 141 | 63 | 85 | 56 | 0 | 21 | | | |
| ATUM 21.5XD3 SP.. 060204 | ● | 21.5 | 25 | 34 | 141 | 63 | 85 | 56 | 0 | 21.5 | | | |
| ATUM 22XD3 SP.. 07T308 | ● | 22 | 25 | 34 | 144 | 66 | 88 | 56 | 1 | 24 | | | |
| ATUM 22XD3 SP.. 07T308-32 | ● | 22 | 32 | 44 | 153 | 66 | 93 | 60 | 1 | 23 | | | |
| ATUM 22.5XD3 SP.. 07T308 | ● | 22.5 | 25 | 34 | 144 | 66 | 88 | 56 | 1 | 24.5 | | | |
| ATUM 23XD3 SP.. 07T308 | ● | 23 | 25 | 34 | 147 | 69 | 91 | 56 | 0.75 | 24.5 | | | |
| ATUM 23XD3 SP.. 07T308-32 | ● | 23 | 32 | 44 | 156 | 69 | 96 | 60 | 0.75 | 24.5 | | | |
| ATUM 23.5XD3 SP.. 07T308 | ● | 23.5 | 25 | 34 | 147 | 69 | 91 | 56 | 0.75 | 25 | | | |
| ATUM 24XD3 SP.. 07T308 | ● | 24 | 25 | 34 | 150 | 72 | 94 | 56 | 0.5 | 25 | | | |
| ATUM 24XD3 SP.. 07T308-32 | ● | 24 | 32 | 44 | 159 | 72 | 99 | 60 | 0.50 | 25 | | | |
| ATUM 24.5XD3 SP.. 07T308 | ● | 24.5 | 25 | 34 | 150 | 72 | 94 | 56 | 0.5 | 25.5 | **SP.. 07T308** | 3008-M2.5x6 | 82-T08 |
| ATUM 25XD3 SP.. 07T308 | ● | 25 | 25 | 34 | 153 | 75 | 97 | 56 | 0.25 | 25.5 | | | |
| ATUM 25XD3 SP.. 07T308-32 | ● | 25 | 32 | 44 | 162 | 75 | 102 | 60 | 0.25 | 25.5 | | | |
| ATUM 25.5XD3 SP.. 07T308 | ● | 25.5 | 25 | 34 | 153 | 75 | 97 | 56 | 0.25 | 26 | | | |
| ATUM 26XD3 SP.. 07T308 | ● | 26 | 25 | 34 | 156 | 78 | 100 | 56 | 0 | 26 | | | |
| ATUM 26XD3 SP.. 07T308-32 | ● | 26 | 32 | 44 | 165 | 78 | 105 | 60 | 0 | 26 | | | |
| ATUM 26.5XD3 SP.. 07T308 | ● | 26.5 | 25 | 34 | 156 | 78 | 100 | 56 | 0 | 26.5 | | | |
| ATUM 27XD3 SP.. 07T308 | ● | 27 | 25 | 34 | 159 | 81 | 103 | 56 | 0 | 27 | | | |
| ATUM 27XD3 SP.. 07T308-32 | ● | 27 | 32 | 44 | 168 | 81 | 108 | 60 | 0 | 27 | | | |
| ATUM 27.5XD3 SP.. 07T308 | ● | 27.5 | 25 | 34 | 159 | 81 | 103 | 56 | 0 | 27.5 | | | |
| ATUM 28XD3 SP.. 090408 | ● | 28 | 25 | 34 | 162 | 84 | 106 | 56 | 1 | 30 | | | |
| ATUM 28XD3 SP.. 090408-32 | ● | 28 | 32 | 44 | 171 | 84 | 111 | 60 | 1 | 29 | | | |
| ATUM 28.5XD3 SP.. 090408 | ● | 28.5 | 25 | 34 | 162 | 84 | 106 | 56 | 1 | 30.5 | | | |
| ATUM 29XD3 SP.. 090408 | ● | 29 | 25 | 34 | 165 | 87 | 109 | 56 | 0.75 | 30.5 | | | |
| ATUM 29XD3 SP.. 090408-32 | ● | 29 | 32 | 44 | 174 | 87 | 114 | 56 | 0.75 | 30.5 | | | |
| ATUM 29.5XD3 SP.. 090408 | ● | 29.5 | 25 | 34 | 165 | 87 | 109 | 56 | 0.75 | 31 | | | |
| ATUM 30XD3 SP.. 090408 | ● | 30 | 32 | 44 | 177 | 90 | 117 | 60 | 0.5 | 31 | **SP.. 090408** | 4015-M3.5x9 | 80-T15 |
| ATUM 30.5XD3 SP.. 090408 | ● | 30.5 | 32 | 44 | 177 | 90 | 117 | 60 | 0.5 | 31.5 | | | |
| ATUM 31XD3 SP.. 090408 | ● | 31 | 32 | 44 | 180 | 93 | 120 | 60 | 0.25 | 31.5 | | | |
| ATUM 31.5XD3 SP.. 090408 | ● | 31.5 | 32 | 44 | 180 | 93 | 120 | 60 | 0.25 | 32 | | | |
| ATUM 32XD3 SP.. 090408 | ● | 32 | 32 | 44 | 183 | 96 | 123 | 60 | 0 | 32 | | | |
| ATUM 32.5XD3 SP.. 090408 | ● | 32.5 | 32 | 44 | 183 | 96 | 123 | 60 | 0 | 32.5 | | | |
| ATUM 33XD3 SP.. 090408 | ● | 33 | 32 | 44 | 186 | 99 | 126 | 60 | 0 | 33 | | | |
| ATUM 33.5XD3 SP.. 090408 | ● | 33.5 | 32 | 44 | 186 | 99 | 126 | 60 | 0 | 33.5 | | | |

R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager*  ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**TGTC** Ucuna Uygundur. / Compatible with **TGTC** Insert. / Kompatibel mit **TGTC** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ATUM 12.5XD3 SP. 050204
Takma Uçlu Matkap Kullanım Kılavuzu : S 463 / *User's Guide For U-Drills : P 463*
*Bedienungsanleitung für Vollbohrer : S 463*

**TGTC** Ucuna Uygundur. / Compatible with **TGTC** Insert. / Kompatibel mit **TGTC** Wendeplatten.




Delme Derinliği = 3x Çap
*Drilling Depth = 3x Diameter*
*Bohrtiefe = 3x Durchmesser*

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Maks. Ofset (radyal) *Max. Offset (radial)* *Max. Versatz (radial)* | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | DCON | DCSFMS | OAL | LU | LPR | LS | $X_{max}$[mm] | $DC_{max}$[mm] | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| **ATUM 34XD3 SP.. 110408** | ● | 34 | 32 | 44 | 189 | 102 | 129 | 60 | 1 | 36 | **SP. 110408** | 4015-M4x11 | 80-T15 |
| **ATUM 34.5XD3 SP.. 110408** | ● | 34.5 | 32 | 44 | 189 | 102 | 129 | 60 | 1 | 36.5 | | | |
| **ATUM 35XD3 SP.. 110408** | ● | 35 | 32 | 44 | 192 | 105 | 132 | 60 | 0.75 | 36.5 | | | |
| **ATUM 35.5XD3 SP.. 110408** | ● | 35.5 | 32 | 44 | 192 | 105 | 132 | 60 | 0.75 | 37 | | | |
| **ATUM 36XD3 SP.. 110408** | ● | 36 | 32 | 44 | 195 | 108 | 135 | 60 | 0.6 | 37.2 | | | |
| **ATUM 36.5XD3 SP.. 110408** | ● | 36.5 | 32 | 44 | 195 | 108 | 135 | 60 | 0.6 | 37.7 | | | |
| **ATUM 37XD3 SP.. 110408** | ● | 37 | 32 | 44 | 198 | 111 | 138 | 60 | 0.5 | 38 | | | |
| **ATUM 37.5XD3 SP.. 110408** | ● | 37.5 | 32 | 44 | 198 | 111 | 138 | 60 | 0.5 | 38.5 | | | |
| **ATUM 38XD3 SP.. 110408** | ● | 38 | 32 | 44 | 201 | 114 | 141 | 60 | 0.25 | 38.5 | | | |
| **ATUM 38.5XD3 SP.. 110408** | ● | 38.5 | 32 | 44 | 201 | 114 | 141 | 60 | 0.25 | 39 | | | |
| **ATUM 39XD3 SP.. 110408** | ● | 39 | 32 | 44 | 204 | 117 | 144 | 60 | 0 | 39 | | | |
| **ATUM 39.5XD3 SP.. 110408** | ● | 39.5 | 32 | 44 | 204 | 117 | 144 | 60 | 0 | 39.5 | | | |
| **ATUM 40XD3 SP.. 110408** | ● | 40 | 32 | 44 | 207 | 120 | 147 | 60 | 0 | 40 | | | |
| **ATUM 40.5XD3 SP.. 110408** | ● | 40.5 | 32 | 44 | 207 | 120 | 147 | 60 | 0 | 40.5 | | | |
| **ATUM 41XD3 SP.. 110408** | ● | 41 | 32 | 44 | 210 | 123 | 150 | 60 | 0 | 41 | | | |
| **ATUM 41.5XD3 SP.. 110408** | ● | 41.5 | 32 | 44 | 210 | 123 | 150 | 60 | 0 | 41.5 | | | |
| **ATUM 42XD3 SP.. 140512** | ● | 42 | 32 | 44 | 213 | 126 | 153 | 60 | 1.2 | 44.4 | **SP. 140512** | 1020-M5x11 | 80-T20 |
| **ATUM 42.5XD3 SP.. 140512** | ● | 42.5 | 32 | 44 | 213 | 126 | 153 | 60 | 1.2 | 44.9 | | | |
| **ATUM 43XD3 SP.. 140512** | ● | 43 | 32 | 44 | 216 | 129 | 156 | 60 | 1 | 45 | | | |
| **ATUM 43.5XD3 SP.. 140512** | ● | 43.5 | 32 | 44 | 216 | 129 | 156 | 60 | 1 | 45.5 | | | |
| **ATUM 44XD3 SP.. 140512** | ● | 44 | 32 | 44 | 219 | 132 | 159 | 60 | 0.8 | 45.6 | | | |
| **ATUM 44.5XD3 SP.. 140512** | ● | 44.5 | 32 | 44 | 219 | 132 | 159 | 60 | 0.8 | 46.1 | | | |
| **ATUM 45XD3 SP.. 140512** | ● | 45 | 40 | 54 | 237 | 135 | 167 | 70 | 0.6 | 46.2 | | | |
| **ATUM 45.5XD3 SP.. 140512** | ● | 45.5 | 40 | 54 | 237 | 135 | 167 | 70 | 0.6 | 46.7 | | | |
| **ATUM 46XD3 SP.. 140512** | ● | 46 | 40 | 54 | 240 | 138 | 170 | 70 | 0.4 | 46.8 | | | |
| **ATUM 47XD3 SP.. 140512** | ● | 47 | 40 | 54 | 243 | 141 | 173 | 70 | 0.2 | 47.4 | | | |
| **ATUM 48XD3 SP.. 140512** | ● | 48 | 40 | 54 | 246 | 144 | 176 | 70 | 0 | 48 | | | |
| **ATUM 48.5XD3 SP.. 140512** | ● | 48.5 | 40 | 54 | 246 | 144 | 176 | 70 | 0 | 48.5 | | | |
| **ATUM 49XD3 SP.. 140512** | ● | 49 | 40 | 54 | 249 | 147 | 179 | 70 | 0 | 49 | | | |
| **ATUM 50XD3 SP.. 140512** | ● | 50 | 40 | 54 | 252 | 150 | 182 | 70 | 0 | 50 | | | |
| **ATUM 51XD3 SP.. 140512** | ● | 51 | 40 | 54 | 255 | 153 | 185 | 70 | 0 | 51 | | | |
| **ATUM 52XD3 SP.. 140512** | ● | 52 | 40 | 54 | 258 | 156 | 188 | 70 | 0 | 52 | | | |

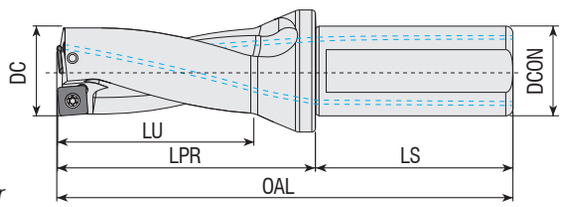
R: Sağ / Right / *Rechtsl* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**TGTC** Ucuna Uygundur. / Compatible with **TGTC** Insert. / Kompatibel mit **TGTC** Wendeplatten.

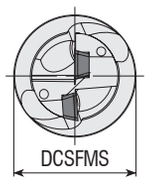
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ATUM 34XD3 SP.. 110408

Takma Uçlu Matkap Kullanım Kılavuzu : S 463 / *User's Guide For U-Drills : P 463*
*Bedienungsanleitung für Vollbohrer : S 463*

**TGTC** Ucuna Uygundur. / Compatible with **TGTC** Insert. / Kompatibel mit **TGTC** Wendeplatten.

Delme Derinliği = 4x Çap
*Drilling Depth = 4x Diameter*
*Bohrtiefe = 4x Durchmesser*



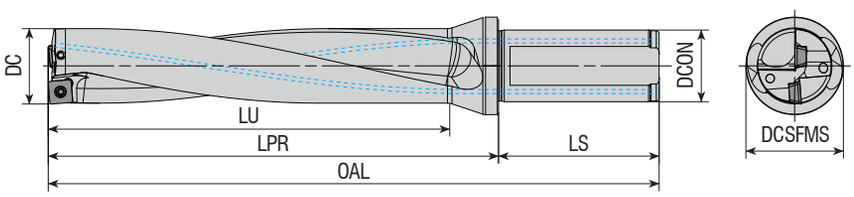




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Maks. Ofset (radyal) *Max. Offset (radial)* *Max. Versatz (radial)* | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | DCON | DCSFMS | OAL | LU | LPR | LS | $X_{max}$[mm] | $DC_{max}$[mm] | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| **ATUM 13XD4 SP. 050204** | ● | 13 | 20 | 25 | 124 | 52 | 74 | 50 | 0.75 | 14.5 | **SP. 050204** | 3006-M2x4 | 82-T06 |
| **ATUM 14XD4 SP. 050204** | ● | 14 | 20 | 25 | 128 | 56 | 78 | 50 | 0.6 | 15.2 | | | |
| **ATUM 14.5XD4 SP. 050204** | ● | 14.5 | 20 | 25 | 128 | 56 | 78 | 50 | 0.60 | 15.7 | | | |
| **ATUM 15XD4 SP. 050204** | ● | 15 | 20 | 25 | 132 | 60 | 82 | 50 | 0.5 | 16 | | | |
| **ATUM 15.5XD4 SP. 060204** | ● | 15.5 | 20 | 25 | 132 | 60 | 82 | 80 | 0.9 | 17.3 | **SP. 060204** | 3007-M2.2x4.6 | 82-T07 |
| **ATUM 16XD4 SP. 060204** | ● | 16 | 25 | 34 | 142 | 64 | 86 | 56 | 0.8 | 17.6 | | | |
| **ATUM 16.5XD4 SP. 060204** | ● | 16.5 | 25 | 34 | 142 | 64 | 86 | 56 | 0.8 | 18.1 | | | |
| **ATUM 17XD4 SP. 060204** | ● | 17 | 25 | 34 | 146 | 68 | 90 | 56 | 0.75 | 18.5 | | | |
| **ATUM 17.5XD4 SP. 060204** | ● | 17.5 | 25 | 34 | 146 | 68 | 90 | 56 | 0.75 | 19 | | | |
| **ATUM 18XD4 SP. 060204** | ● | 18 | 25 | 34 | 150 | 72 | 94 | 56 | 0.5 | 19 | | | |
| **ATUM 19XD4 SP. 060204** | ● | 19 | 25 | 34 | 154 | 76 | 98 | 56 | 0.3 | 19.6 | | | |
| **ATUM 19.5XD4 SP. 060204** | ● | 19.5 | 25 | 34 | 154 | 76 | 98 | 56 | 0.3 | 20.1 | | | |
| **ATUM 20XD4 SP. 060204** | ● | 20 | 25 | 34 | 158 | 80 | 102 | 56 | 0 | 20 | | | |
| **ATUM 20.5XD4 SP. 060204** | ● | 20.5 | 25 | 34 | 158 | 80 | 102 | 56 | 0 | 20.5 | | | |
| **ATUM 21XD4 SP. 060204** | ● | 21 | 25 | 34 | 162 | 84 | 106 | 56 | 0 | 21 | | | |
| **ATUM 21.5XD4 SP. 060204** | ● | 21.5 | 25 | 34 | 162 | 84 | 106 | 56 | 0 | 21.5 | | | |
| **ATUM 22XD4 SP. 07T308** | ● | 22 | 25 | 34 | 166 | 88 | 110 | 56 | 1 | 24 | **SP. 07T308** | 3008-M2.5x6 | 82-T08 |
| **ATUM 22.5XD4 SP. 07T308** | ● | 22.5 | 25 | 34 | 166 | 88 | 110 | 56 | 1 | 24.5 | | | |
| **ATUM 23XD4 SP. 07T308** | ● | 23 | 25 | 34 | 170 | 92 | 114 | 56 | 0.75 | 24.5 | | | |
| **ATUM 23.5XD4 SP. 07T308** | ● | 23.5 | 25 | 34 | 170 | 92 | 114 | 56 | 0.75 | 25 | | | |
| **ATUM 24XD4 SP. 07T308** | ● | 24 | 25 | 34 | 174 | 96 | 118 | 56 | 0.5 | 25 | | | |
| **ATUM 24.5XD4 SP. 07T308** | ● | 24.5 | 25 | 34 | 174 | 96 | 118 | 56 | 0.5 | 25.5 | | | |
| **ATUM 25XD4 SP. 07T308** | ● | 25 | 25 | 34 | 178 | 100 | 122 | 56 | 0.25 | 25.5 | | | |
| **ATUM 25.5XD4 SP. 07T308** | ● | 25.5 | 25 | 34 | 178 | 100 | 122 | 56 | 0.25 | 26 | | | |
| **ATUM 26XD4 SP. 07T308** | ● | 26 | 25 | 34 | 182 | 104 | 126 | 56 | 0 | 26 | | | |
| **ATUM 26.5XD4 SP. 07T308** | ● | 26.5 | 25 | 34 | 208 | 130 | 152 | 56 | 0 | 26.5 | | | |
| **ATUM 27XD4 SP. 07T308** | ● | 27 | 25 | 34 | 186 | 108 | 130 | 56 | 0 | 27 | | | |
| **ATUM 27.5XD4 SP. 07T308** | ● | 27.5 | 25 | 34 | 186 | 108 | 130 | 56 | 0 | 27.5 | | | |
| **ATUM 28XD4 SP. 090408** | ● | 28 | 25 | 34 | 190 | 112 | 134 | 56 | 1 | 30 | **SP. 090408** | 4015-M3.5x9 | 80-T15 |
| **ATUM 29XD4 SP. 090408** | ● | 29 | 25 | 34 | 194 | 116 | 138 | 56 | 0.75 | 30.5 | | | |
| **ATUM 30XD4 SP. 090408** | ● | 30 | 32 | 44 | 207 | 120 | 147 | 60 | 0.5 | 31 | | | |
| **ATUM 31XD4 SP. 090408** | ● | 31 | 32 | 44 | 211 | 124 | 151 | 60 | 0.25 | 31.5 | | | |
| **ATUM 32XD4 SP. 090408** | ● | 32 | 32 | 44 | 215 | 128 | 155 | 60 | 0 | 32 | | | |
| **ATUM 33XD4 SP. 090408** | ● | 33 | 32 | 44 | 219 | 132 | 159 | 60 | 0 | 33 | | | |
| **ATUM 33.5XD4 SP. 090408** | ● | 33.5 | 32 | 44 | 219 | 132 | 159 | 60 | 0 | 33.5 | | | |
| **ATUM 34XD4 SP. 110408** | ● | 34 | 32 | 44 | 223 | 136 | 163 | 60 | 1 | 36 | **SP. 110408** | 4015-M4x11 | 80-T15 |
| **ATUM 35XD4 SP. 110408** | ● | 35 | 32 | 44 | 227 | 140 | 167 | 60 | 0.75 | 36.5 | | | |
| **ATUM 36XD4 SP. 110408** | ● | 36 | 32 | 44 | 231 | 144 | 171 | 60 | 0.6 | 37.2 | | | |
| **ATUM 37XD4 SP. 110408** | ● | 37 | 32 | 44 | 235 | 148 | 175 | 60 | 0.5 | 38 | | | |
| **ATUM 38XD4 SP. 110408** | ● | 38 | 32 | 44 | 239 | 152 | 179 | 60 | 0.25 | 38.5 | | | |
| **ATUM 39XD4 SP. 110408** | ● | 39 | 32 | 44 | 243 | 156 | 183 | 60 | 0 | 39 | | | |
| **ATUM 40XD4 SP. 110408** | ● | 40 | 32 | 44 | 247 | 160 | 187 | 60 | 0 | 40 | | | |
| **ATUM 41XD4 SP. 110408** | ● | 41 | 32 | 44 | 251 | 164 | 191 | 60 | 0 | 41 | | | |
| **ATUM 42XD4 SP. 140512** | ● | 42 | 32 | 44 | 255 | 168 | 195 | 60 | 1.2 | 44.4 | **SP. 140512** | 1020-M5x11 | 80-T20 |
| **ATUM 43XD4 SP. 140512** | ● | 43 | 32 | 44 | 259 | 172 | 199 | 60 | 1 | 45 | | | |
| **ATUM 44XD4 SP. 140512** | ● | 44 | 32 | 44 | 263 | 176 | 203 | 60 | 0.8 | 45.6 | | | |
| **ATUM 45XD4 SP. 140512** | ● | 45 | 40 | 54 | 282 | 180 | 212 | 70 | 0.6 | 46.2 | | | |
| **ATUM 46XD4 SP. 140512** | ● | 46 | 40 | 54 | 286 | 184 | 216 | 70 | 0.40 | 46.8 | | | |

R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager*  ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**TGTC** Ucuna Uygundur. / Compatible with **TGTC** Insert. / Kompatibel mit **TGTC** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ATUM 13XD4 SP. 050204
Takma Uçlu Matkap Kullanım Kılavuzu : S 463 / *User's Guide For U-Drills : P 463*
*Bedienungsanleitung für Vollbohrer : S 463*

**TGTC** Ucuna Uygundur. / Compatible with **TGTC** Insert. / Kompatibel mit **TGTC** Wendeplatten.



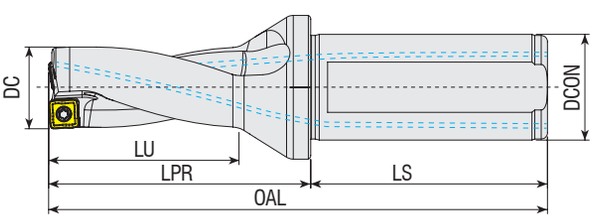

Delme Derinliği = 5x Çap
*Drilling Depth = 5x Diameter*
*Bohrtiefe = 5x Durchmesser*

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Maks. Ofset (radyal) *Max. Offset (radial)* *Max. Versatz (radial)* | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | DCON | DCSFMS | OAL | LU | LPR | LS | $X_{max}$[mm] | $DC_{max}$[mm] | | | |
| **ATUM 13XD5 SP.. 050204** | ● | 13 | 20 | 25 | 137 | 65 | 87 | 50 | 0.75 | 14.5 | **SP.. 050204** | 3006-M2.5x4 | 82-T06 |
| **ATUM 14XD5 SP.. 050204** | ● | 14 | 20 | 25 | 142 | 70 | 92 | 50 | 0.6 | 15.2 | | 3006-M2x4 | |
| **ATUM 14.5XD5 SP.. 050204** | ● | 14.5 | 20 | 25 | 142 | 70 | 92 | 50 | 0.60 | 15.7 | | | |
| **ATUM 15XD5 SP.. 050204** | ● | 15 | 20 | 25 | 147 | 75 | 97 | 50 | 0.50 | 16 | | 3006-M2.5x4 | |
| **ATUM 16XD5 SP.. 060204** | ● | 16 | 25 | 34 | 158 | 80 | 102 | 56 | 0.8 | 17.6 | **SP.. 060204** | | 82-T07 |
| **ATUM 16.5XD5 SP.. 060204** | ● | 16.5 | 25 | 34 | 158 | 80 | 102 | 56 | 0,8 | 18.1 | | | |
| **ATUM 17XD5 SP.. 060204** | ● | 17 | 25 | 34 | 163 | 85 | 107 | 56 | 0.75 | 18.5 | | 3007-M2.2x4.6 | |
| **ATUM 17.5XD5 SP.. 060204** | ● | 17.5 | 25 | 34 | 163 | 85 | 107 | 56 | 0.75 | 19 | | 3007-M2.2x5 | |
| **ATUM 17XD5 SP.. 060204-32** | ● | 17 | 32 | 34 | 163 | 85 | 107 | 56 | 0.75 | 18.5 | | | |
| **ATUM 18XD5 SP.. 060204** | ● | 18 | 25 | 34 | 168 | 90 | 112 | 56 | 0.5 | 19 | | | |
| **ATUM 19XD5 SP.. 060204** | ● | 19 | 25 | 34 | 173 | 95 | 117 | 56 | 0.3 | 19.6 | | | |
| **ATUM 20XD5 SP.. 060204** | ● | 20 | 25 | 34 | 178 | 100 | 122 | 56 | 0 | 20 | | | |
| **ATUM 21XD5 SP.. 060204** | ● | 21 | 25 | 34 | 183 | 105 | 127 | 56 | 0 | 21 | | | |
| **ATUM 22XD5 SP.. 07T308** | ● | 22 | 25 | 34 | 188 | 110 | 132 | 56 | 1 | 24 | **SP.. 07T308** | 3008-M2.5x6 | 82-T08 |
| **ATUM 22XD5 SP.. 07T308-32** | ● | 22 | 32 | 44 | 197 | 110 | 137 | 60 | 1 | 24 | | | |
| **ATUM 23XD5 SP.. 07T308** | ● | 23 | 25 | 34 | 193 | 115 | 137 | 56 | 0.75 | 24.5 | | | |
| **ATUM 23XD5 SP.. 07T308-32** | ● | 23 | 32 | 44 | 202 | 115 | 142 | 60 | 0.75 | 24.5 | | | |
| **ATUM 24XD5 SP.. 07T308-32** | ● | 24 | 32 | 44 | 207 | 120 | 147 | 60 | 0.5 | 25 | | | |
| **ATUM 25XD5 SP.. 07T308** | ● | 25 | 25 | 34 | 203 | 125 | 147 | 56 | 0.25 | 25.5 | | | |
| **ATUM 25XD5 SP.. 07T308-32** | ● | 25 | 32 | 44 | 212 | 125 | 152 | 60 | 0.25 | 25.5 | | | |
| **ATUM 26XD5 SP.. 07T308** | ● | 26 | 25 | 34 | 208 | 130 | 152 | 56 | 0 | 26 | | | |
| **ATUM 26.5XD5 SP.. 07T308** | ● | 26.5 | 25 | 34 | 208 | 130 | 152 | 56 | 0 | 26.5 | | | |
| **ATUM 26XD5 SP.. 07T308-32** | ● | 26 | 32 | 44 | 217 | 130 | 157 | 60 | 0 | 26 | | | |
| **ATUM 27XD5 SP.. 07T308** | ● | 27 | 25 | 34 | 213 | 135 | 157 | 56 | 0 | 27 | | | |
| **ATUM 27XD5 SP.. 07T308-32** | ● | 27 | 32 | 44 | 222 | 135 | 162 | 60 | 0 | 27 | | | |
| **ATUM 28XD5 SP.. 090408** | ● | 28 | 25 | 34 | 218 | 140 | 162 | 56 | 1 | 30 | **SP.. 090408** | 4015-M3.5x9 | 80-T15 |
| **ATUM 28XD5 SP.. 090408-32** | ● | 28 | 32 | 44 | 227 | 140 | 167 | 60 | 1 | 30 | | | |
| **ATUM 29XD5 SP.. 090408-32** | ● | 29 | 32 | 44 | 232 | 145 | 172 | 60 | 0.75 | 30.5 | | | |
| **ATUM 30XD5 SP.. 090408** | ● | 30 | 32 | 44 | 237 | 150 | 177 | 60 | 0.5 | 31 | | | |
| **ATUM 31XD5 SP.. 090408** | ● | 31 | 32 | 44 | 242 | 155 | 182 | 60 | 0.25 | 31.5 | | | |
| **ATUM 32XD5 SP.. 090408** | ● | 32 | 32 | 44 | 247 | 160 | 187 | 60 | 0 | 32 | | | |
| **ATUM 33XD5 SP.. 090408** | ● | 33 | 32 | 44 | 252 | 165 | 192 | 60 | 0 | 33 | | | |
| new **ATUM 37XD5 SP.. 110408** | ● | 37 | 32 | 44 | 272 | 185 | 212 | 60 | 0.5 | 38 | **SP.. 110408** | 4015-M4x11 | |
| new **ATUM 40XD5 SP.. 110408** | ● | 40 | 32 | 44 | 287 | 200 | 227 | 60 | 0 | 40 | | | |
| new **ATUM 42XD5 SP.. 140512** | ● | 42 | 32 | 44 | 297 | 215 | 237 | 60 | 1.2 | 44.4 | **SP.. 140512** | 1020-M5x11 | 80-T20 |
| new **ATUM 48XD5 SP.. 140512** | ● | 48 | 40 | 54 | 342 | 240 | 272 | 70 | 0 | 48 | | | |
| new **ATUM 50XD5 SP.. 140512** | ● | 50 | 40 | 54 | 352 | 250 | 282 | 70 | 0 | 50 | | | |

R: Sağ / Right / *Rechts*/ L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

**TGTC** Ucuna Uygundur. / Compatible with **TGTC** Insert. / Kompatibel mit **TGTC** Wendeplatten.

**TGTC** Ucuna Uygundur. / Compatible with **TGTC** Insert. / Kompatibel mit **TGTC** Wendeplatten.




Delme Derinliği = 2x Çap
*Drilling Depth = 2x Diameter*
*Bohrtiefe = 2x Durchmesser*

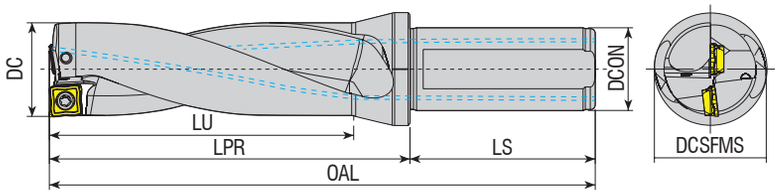
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Maks. Ofset (radyal) *Max. Offset (radial)* *Max. Versatz (radial)* | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | DCON | DCSFMS | OAL | LU | LPR | LS | $X_{max}$[mm] | $DC_{max}$[mm] | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| ATUM 14XD2 SOMT 050204 | ● | 14 | 20 | 25 | 100 | 28 | 50 | 50 | 0.5 | 15 | SOMT 050204 | 3006-M2x4 | 82-T06 |
| ATUM 16XD2 SOMT 050204 | ● | 16 | 25 | 34 | 110 | 32 | 54 | 56 | 0.3 | 16.6 | | | |
| ATUM 17XD2 SOMT 060204 | ● | 17 | 25 | 34 | 112 | 34 | 56 | 56 | 0.5 | 18 | SOMT 060204 | 3007-M2.2x4.6 | 82-T07 |
| ATUM 18XD2 SOMT 060204 | ● | 18 | 25 | 34 | 114 | 36 | 58 | 56 | 0.4 | 18.8 | | | |
| ATUM 20XD2 SOMT 070306 | ● | 20 | 25 | 34 | 118 | 40 | 62 | 56 | 0.5 | 21 | SOMT 070306 | | |
| ATUM 22XD2 SOMT 070306 | ● | 22 | 25 | 34 | 122 | 44 | 66 | 56 | 0.3 | 22.6 | | | |
| ATUM 23XD2 SOMT 08T306 | ● | 23 | 25 | 34 | 124 | 46 | 68 | 56 | 0.5 | 24 | SOMT 08T306 | 3008-M2.5x6 | 82-T08 |
| ATUM 24XD2 SOMT 08T306 | ● | 24 | 25 | 34 | 126 | 48 | 70 | 56 | 0.5 | 25 | | | |
| ATUM 25XD2 SOMT 08T306 | ● | 25 | 25 | 34 | 128 | 50 | 72 | 56 | 0.4 | 25.8 | | | |
| ATUM 26XD2 SOMT 08T306 | ● | 26 | 25 | 34 | 130 | 52 | 74 | 56 | 0.3 | 26.6 | | | |
| ATUM 27XD2 SOMT 09T308 | ● | 27 | 25 | 34 | 132 | 54 | 76 | 56 | 0.5 | 28 | SOMT 09T308 | 4015-M3.5x9 | 80-T15 |
| ATUM 28XD2 SOMT 09T308 | ● | 28 | 25 | 34 | 134 | 56 | 78 | 56 | 0.5 | 29 | | | |
| ATUM 29XD2 SOMT 09T308 | ● | 29 | 25 | 34 | 136 | 58 | 80 | 56 | 0.5 | 30 | | | |
| ATUM 30XD2 SOMT 09T308 | ● | 30 | 32 | 44 | 147 | 60 | 87 | 60 | 0.5 | 31 | | | |
| ATUM 32XD2 SOMT 11T308 | ● | 32 | 32 | 44 | 151 | 64 | 91 | 60 | 0.5 | 33 | SOMT 11T308 | | |
| ATUM 33XD2 SOMT 11T308 | ● | 33 | 32 | 44 | 153 | 66 | 93 | 60 | 0.5 | 34 | | | |
| ATUM 34XD2 SOMT 11T308 | ● | 34 | 32 | 44 | 155 | 68 | 95 | 60 | 0.5 | 35 | | | |
| ATUM 35XD2 SOMT 11T308 | ● | 35 | 32 | 44 | 157 | 70 | 97 | 60 | 0.5 | 36 | | | |
| ATUM 37XD2 SOMT 130408 | ● | 37 | 32 | 44 | 161 | 74 | 101 | 60 | 0.5 | 38 | SOMT 130408 | 4015-M4x11 | |
| ATUM 38XD2 SOMT 130408 | ● | 38 | 32 | 44 | 163 | 76 | 103 | 60 | 0.5 | 39 | | | |
| ATUM 40XD2 SOMT 130408 | ● | 40 | 32 | 44 | 167 | 80 | 107 | 60 | 0.5 | 41 | | | |
| ATUM 45XD2 SOMT 150510 | ● | 45 | 40 | 54 | 192 | 90 | 122 | 70 | 0.5 | 46 | SOMT 150510 | 1020-M5x11 | 80-T20 |
| ATUM 47XD2 SOMT 150510 | ● | 47 | 40 | 54 | 196 | 94 | 126 | 70 | 0.5 | 48 | | | |

R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager*  ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**TGTC** Ucuna Uygundur. / Compatible with **TGTC** Insert. / Kompatibel mit **TGTC** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ATUM 14XD2 SOMT 050204

Takma Uçlu Matkap Kullanım Kılavuzu : S 463 / *User's Guide For U-Drills : P 463*
*Bedienungsanleitung für Vollbohrer : S 463*

**TGTC** Ucuna Uygundur. / Compatible with **TGTC** Insert. / Kompatibel mit **TGTC** Wendeplatten.




Delme Derinliği = 3x Çap
*Drilling Depth = 3x Diameter*
*Bohrtiefe = 3x Durchmesser*

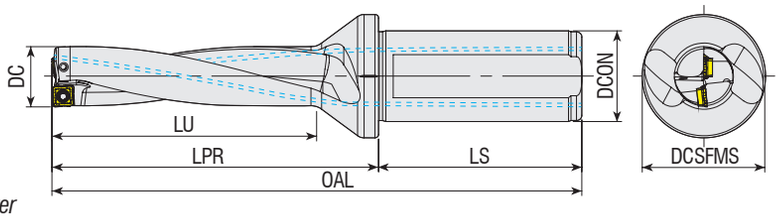
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Maks. Ofset (radyal) *Max. Offset (radial)* *Max. Versatz (radial)* | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | DCON | DCSFMS | OAL | LU | LPR | LS | $X_{max}$[mm] | $DC_{max}$[mm] | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| **ATUM 14XD3 SOMT 050204** | ● | 14 | 20 | 25 | 114 | 42 | 64 | 50 | 0.5 | 15 | **SOMT 050204** | 3006-M2x4 | 82-T06 |
| **ATUM 14.5XD3 SOMT 050204** | ● | 14.5 | 20 | 25 | 114 | 42 | 64 | 50 | 0.4 | 15.3 | | | |
| **ATUM 15XD3 SOMT 050204** | ● | 15 | 20 | 25 | 117 | 45 | 67 | 50 | 0.4 | 15.8 | | | |
| **ATUM 15.5XD3 SOMT 050204** | ● | 15.5 | 20 | 25 | 117 | 45 | 67 | 50 | 0.3 | 16.1 | | | |
| **ATUM 16XD3 SOMT 050204** | ● | 16 | 25 | 34 | 126 | 48 | 70 | 56 | 0.3 | 16.6 | | | |
| **ATUM 16.5XD3 SOMT 060204** | ● | 16.5 | 25 | 34 | 126 | 48 | 70 | 56 | 0.5 | 17.5 | **SOMT 060204** | 3007-M2.2x4.6 | 82-T07 |
| **ATUM 17XD3 SOMT 060204** | ● | 17 | 25 | 34 | 129 | 51 | 73 | 56 | 0.5 | 18 | | | |
| **ATUM 17.5XD3 SOMT 060204** | ● | 17.5 | 25 | 34 | 129 | 51 | 73 | 56 | 0.4 | 18.3 | | | |
| **ATUM 18XD3 SOMT 060204** | ● | 18 | 25 | 34 | 132 | 54 | 76 | 56 | 0.4 | 18.8 | | | |
| **ATUM 18.5XD3 SOMT 060204** | ● | 18.5 | 25 | 34 | 132 | 54 | 76 | 56 | 0.3 | 19.1 | | | |
| **ATUM 19XD3 SOMT 060204** | ● | 19 | 25 | 34 | 135 | 57 | 79 | 56 | 0.3 | 19.6 | | | |
| **ATUM 19.5XD3 SOMT 070306** | ● | 19.5 | 25 | 34 | 135 | 57 | 79 | 56 | 0.5 | 20.5 | **SOMT 070306** | | |
| **ATUM 20XD3 SOMT 070306** | ● | 20 | 25 | 34 | 138 | 60 | 82 | 56 | 0.5 | 21 | | | |
| **ATUM 20.5XD3 SOMT 070306** | ● | 20.5 | 25 | 34 | 138 | 60 | 82 | 56 | 0.4 | 21.3 | | | |
| **ATUM 21XD3 SOMT 070306** | ● | 21 | 25 | 34 | 141 | 63 | 85 | 56 | 0.4 | 21.8 | | | |
| **ATUM 22XD3 SOMT 070306** | ● | 22 | 25 | 34 | 144 | 66 | 88 | 56 | 0.3 | 22.6 | | | |
| **ATUM 22.5XD3 SOMT 08T306** | ● | 22.5 | 25 | 34 | 144 | 66 | 88 | 56 | 0.5 | 23.5 | **SOMT 08T306** | 3008-M2.5x6 | 82-T08 |
| **ATUM 23XD3 SOMT 08T306** | ● | 23 | 25 | 34 | 147 | 69 | 91 | 56 | 0.5 | 24 | | | |
| **ATUM 23.5XD3 SOMT 08T306** | ● | 23.5 | 25 | 34 | 147 | 69 | 91 | 56 | 0.5 | 24.5 | | | |
| **ATUM 24XD3 SOMT 08T306** | ● | 24 | 25 | 34 | 150 | 72 | 94 | 56 | 0.5 | 25 | | | |
| **ATUM 24.5XD3 SOMT 08T306** | ● | 24.5 | 25 | 34 | 150 | 72 | 94 | 56 | 0.4 | 25.3 | | | |
| **ATUM 25XD3 SOMT 08T306** | ● | 25 | 25 | 34 | 153 | 75 | 97 | 56 | 0.4 | 25.8 | | | |
| **ATUM 26XD3 SOMT 08T306** | ● | 26 | 25 | 34 | 156 | 78 | 100 | 56 | 0.3 | 26.6 | | | |
| **ATUM 27XD3 SOMT 09T308** | ● | 27 | 25 | 34 | 159 | 81 | 103 | 56 | 0.5 | 28 | **SOMT 09T308** | 4015-M3.5x9 | 80-T15 |
| **ATUM 27.5XD3 SOMT 09T308** | ● | 27.5 | 25 | 34 | 159 | 81 | 103 | 56 | 0.5 | 27.5 | | | |
| **ATUM 28XD3 SOMT 09T308** | ● | 28 | 25 | 34 | 162 | 84 | 106 | 56 | 0.5 | 29 | | | |
| **ATUM 29XD3 SOMT 09T308** | ● | 29 | 25 | 34 | 165 | 87 | 109 | 56 | 0.5 | 30 | | | |
| **ATUM 30XD3 SOMT 09T308** | ● | 30 | 32 | 44 | 177 | 90 | 117 | 60 | 0.5 | 31 | | | |
| **ATUM 32XD3 SOMT 11T308** | ● | 32 | 32 | 44 | 183 | 96 | 123 | 60 | 0.5 | 33 | **SOMT 11T308** | | |
| **ATUM 33XD3 SOMT 11T308** | ● | 33 | 32 | 44 | 186 | 99 | 126 | 60 | 0.5 | 34 | | | |
| **ATUM 34XD3 SOMT 11T308** | ● | 34 | 32 | 44 | 189 | 102 | 129 | 60 | 0.5 | 35 | | | |
| **ATUM 35XD3 SOMT 11T308** | ● | 35 | 32 | 44 | 192 | 105 | 132 | 60 | 0.5 | 36 | | | |
| **ATUM 36XD3 SOMT 11T308** | ● | 36 | 32 | 44 | 195 | 108 | 135 | 60 | 0.4 | 36.8 | | | |
| **ATUM 37XD3 SOMT 130408** | ● | 37 | 32 | 44 | 198 | 111 | 138 | 60 | 0.5 | 38 | **SOMT 130408** | 4015-M4x11 | |
| **ATUM 38XD3 SOMT 130408** | ● | 38 | 32 | 44 | 201 | 114 | 141 | 60 | 0.5 | 39 | | | |
| **ATUM 39XD3 SOMT 130408** | ● | 39 | 32 | 44 | 204 | 117 | 144 | 60 | 0.5 | 40 | | | |
| **ATUM 40XD3 SOMT 130408** | ● | 40 | 32 | 44 | 207 | 120 | 147 | 60 | 0.5 | 41 | | | |
| **ATUM 45XD3 SOMT 150510** | ● | 45 | 40 | 54 | 237 | 135 | 167 | 70 | 0.5 | 46 | **SOMT 150510** | 1020-M5x11 | 80-T20 |
| **ATUM 49XD3 SOMT 150510** | ● | 49 | 40 | 54 | 249 | 147 | 179 | 70 | 0.5 | 50 | | | |
| **ATUM 50XD3 SOMT 150510** | ● | 50 | 40 | 54 | 252 | 150 | 182 | 70 | 0.5 | 51 | | | |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**TGTC** Ucuna Uygundur. / Compatible with **TGTC** Insert. / Kompatibel mit **TGTC** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ATUM 14XD3 SOMT 050204

Takma Uçlu Matkap Kullanım Kılavuzu : S 463 / *User's Guide For U-Drills : P 463*
*Bedienungsanleitung für Vollbohrer : S 463*

**TGTC** Ucuna Uygundur. / Compatible with **TGTC** Insert. / Kompatibel mit **TGTC** Wendeplatten.




Delme Derinliği = 4x Çap
*Drilling Depth = 4x Diameter*
*Bohrtiefe = 4x Durchmesser*

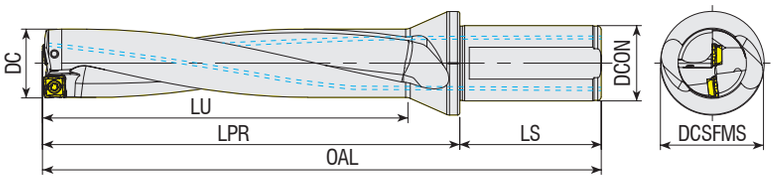
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Maks. Ofset (radyal) *Max. Offset (radial)* *Max. Versatz (radial)* | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | DCON | DCSFMS | OAL | LU | LPR | LS | $X_{max}$[mm] | $DC_{max}$[mm] | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| **ATUM 14XD4 SOMT 050204** | ● | 14 | 20 | 25 | 128 | 56 | 78 | 50 | 0.5 | 15 | **SOMT 050204** | 3006-M2x4 | 82-T06 |
| **ATUM 14.5XD4 SOMT 050204** | ● | 14.5 | 20 | 25 | 128 | 56 | 78 | 50 | 0.4 | 15.3 | | | |
| **ATUM 16XD4 SOMT 050204** | ● | 16 | 25 | 34 | 142 | 64 | 86 | 56 | 0.3 | 16.6 | | | |
| **ATUM 17XD4 SOMT 060204** | ● | 17 | 25 | 34 | 146 | 68 | 90 | 56 | 0.5 | 18 | **SOMT 060204** | 3007-M2.2x4.6 | 82-T07 |
| **ATUM 17.5XD4 SOMT 060204** | ● | 17.5 | 25 | 34 | 146 | 68 | 90 | 56 | 0.4 | 18.3 | | | |
| **ATUM 18XD4 SOMT 060204** | ● | 18 | 25 | 34 | 150 | 72 | 94 | 56 | 0.4 | 18.8 | | | |
| **ATUM 19XD4 SOMT 060204** | ● | 19 | 25 | 34 | 154 | 76 | 98 | 56 | 0.3 | 19.6 | | | |
| **ATUM 20XD4 SOMT 070306** | ● | 20 | 25 | 34 | 158 | 80 | 102 | 56 | 0.5 | 21 | **SOMT 070306** | | |
| **ATUM 21XD4 SOMT 070306** | ● | 21 | 25 | 34 | 162 | 84 | 106 | 56 | 0.4 | 21.8 | | | |
| **ATUM 22XD4 SOMT 070306** | ● | 22 | 25 | 34 | 166 | 88 | 110 | 56 | 0.3 | 22.6 | | | |
| **ATUM 24XD4 SOMT 08T306** | ● | 24 | 25 | 34 | 174 | 96 | 118 | 56 | 0.5 | 25 | **SOMT 08T306** | 3008-M2.5x6 | 82-T08 |
| **ATUM 25XD4 SOMT 08T306** | ● | 25 | 25 | 34 | 178 | 100 | 122 | 56 | 0.4 | 25.8 | | | |

R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**TGTC** Ucuna Uygundur. / Compatible with **TGTC** Insert. / Kompatibel mit **TGTC** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ATUM 14XD4 SOMT 050204

Takma Uçlu Matkap Kullanım Kılavuzu : S 463 / *User's Guide For U-Drills : P 463*
*Bedienungsanleitung für Vollbohrer : S 463*

**TGTC** Ucuna Uygundur. / Compatible with **TGTC** Insert. / Kompatibel mit **TGTC** Wendeplatten.




Delme Derinliği = 5x Çap
*Drilling Depth = 5x Diameter*
*Bohrtiefe = 5x Durchmesser*

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock Lager* | Takım Ölçüleri (mm) *Dimension (mm) Abmessung (mm)* | | | | | | | Maks. Ofset (radyal) *Max. Offset (radial) Max. Versatz (radial)* | | Kesici Uç *Insert Wendeschneidplatte* | Yedek Parçaları / *Spare Parts / Ersatzteile* Sıkma Vidası *Screw Schraube* | Tork Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | DCON | DCSFMS | OAL | LU | LPR | LS | $X_{max}$[mm] | $DC_{max}$[mm] | | | |
| **ATUM 14XD5 SOMT 050204** | ● | 14 | 20 | 25 | 142 | 70 | 92 | 50 | 0.5 | 15 | **SOMT 050204** | 3006-M2x4 | 82-T06 |
| **ATUM 15XD5 SOMT 050204** | ● | 15 | 20 | 25 | 147 | 75 | 97 | 50 | 0.4 | 15.8 | | | |
| **ATUM 15.5XD5 SOMT 050204** | ● | 15.5 | 20 | 25 | 147 | 75 | 97 | 50 | 0.3 | 16.1 | | | |
| **ATUM 16XD5 SOMT 050204** | ● | 16 | 25 | 34 | 158 | 80 | 102 | 56 | 0.3 | 16.6 | | | |
| **ATUM 16.5XD5 SOMT 060204** | ● | 16.5 | 25 | 34 | 158 | 80 | 102 | 56 | 0.5 | 17.5 | **SOMT 060204** | 3007-M2.2x4.6 | 82-T07 |
| **ATUM 17.5XD5 SOMT 060204** | ● | 17.5 | 25 | 34 | 163 | 85 | 107 | 56 | 0.4 | 18.3 | | | |
| **ATUM 18XD5 SOMT 060204** | ● | 18 | 25 | 34 | 168 | 90 | 112 | 56 | 0.4 | 18.8 | | | |
| **ATUM 18.5XD5 SOMT 060204** | ● | 18.5 | 25 | 34 | 168 | 90 | 112 | 56 | 0.3 | 19.1 | | | |
| **ATUM 19XD5 SOMT 060204** | ● | 19 | 25 | 34 | 173 | 95 | 117 | 56 | 0.3 | 19.6 | | | |
| **ATUM 19.5XD5 SOMT 070306** | ● | 19.5 | 25 | 34 | 173 | 95 | 117 | 56 | 0.5 | 20.5 | **SOMT 070306** | | |
| **ATUM 20XD5 SOMT 070306** | ● | 20 | 25 | 34 | 178 | 100 | 122 | 56 | 0.5 | 21 | | | |
| **ATUM 21XD5 SOMT 070306** | ● | 21 | 25 | 34 | 183 | 105 | 127 | 56 | 0.4 | 21.8 | | | |
| **ATUM 22XD5 SOMT 070306** | ● | 22 | 25 | 34 | 188 | 110 | 132 | 56 | 0.3 | 22.6 | | | |
| **ATUM 23XD5 SOMT 08T306** | ● | 23 | 25 | 34 | 193 | 115 | 137 | 56 | 0.5 | 24 | **SOMT 08T306** | 3008-M2.5x6 | 82-T08 |
| **ATUM 24XD5 SOMT 08T306** | ● | 24 | 25 | 34 | 198 | 120 | 142 | 56 | 0.5 | 25 | | | |
| **ATUM 25XD5 SOMT 08T306** | ● | 25 | 25 | 34 | 203 | 125 | 147 | 56 | 0.4 | 25.8 | | | |
| **ATUM 26XD5 SOMT 08T306** | ● | 26 | 25 | 34 | 208 | 130 | 152 | 56 | 0.3 | 26.6 | | | |
| **ATUM 27XD5 SOMT 09T308** | ● | 27 | 25 | 34 | 213 | 135 | 157 | 56 | 0.5 | 28 | **SOMT 09T308** | 4015-M3.5x9 | 80-T15 |
| **ATUM 28XD5 SOMT 09T308** | ● | 28 | 25 | 34 | 218 | 140 | 162 | 56 | 0.5 | 29 | | | |
| **ATUM 29XD5 SOMT 09T308** | ● | 29 | 25 | 34 | 223 | 145 | 167 | 56 | 0.5 | 30 | | | |
| **ATUM 30XD5 SOMT 09T308** | ● | 30 | 32 | 44 | 237 | 150 | 177 | 60 | 0.5 | 31 | | | |
| **ATUM 33XD5 SOMT 11T308** | ● | 33 | 32 | 44 | 252 | 165 | 192 | 60 | 0.5 | 34 | **SOMT 11T308** | | |
| **ATUM 34XD5 SOMT 11T308** | ● | 34 | 32 | 44 | 257 | 170 | 197 | 60 | 0.5 | 35 | | | |
| **ATUM 35XD5 SOMT 11T308** | ● | 35 | 32 | 44 | 262 | 175 | 202 | 60 | 0.5 | 36 | | | |
| **ATUM 36XD5 SOMT 11T308** | ● | 36 | 32 | 44 | 267 | 180 | 207 | 60 | 0.4 | 36.8 | | | |

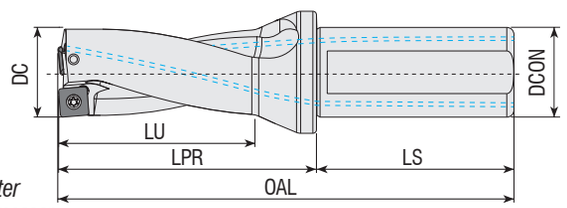
R: Sağ / Right / *Rechtsl* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**TGTC** Ucuna Uygundur. / Compatible with **TGTC** Insert. / Kompatibel mit **TGTC** Wendeplatten.

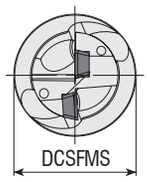
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ATUM 14XD5 SOMT 050204

Takma Uçlu Matkap Kullanım Kılavuzu : S 463 / *User's Guide For U-Drills : P 463*
*Bedienungsanleitung für Vollbohrer : S 463*

**ZCC** Ucuna Uygundur. / Compatible with **ZCC** Insert. / Kompatibel mit **ZCC** Wendeplatten.

Delme Derinliği = 2x Çap
*Drilling Depth = 2x Diameter*
*Bohrtiefe = 2x Durchmesser*




| **Takım Kodu** *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Maks. Ofset (radyal) *Max. Offset (radial)* *Max. Versatz (radial)* | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | DCON | DCSFMS | OAL | LU | LPR | LS | $X_{max}$[mm] | $DC_{max}$[mm] | | | |
| **ATUM 12.5XD2 SPGT 050204** | ● | 12.5 | 20 | 25 | 96 | 24 | 46 | 50 | 0.75 | 14 | | | |
| **ATUM 13XD2 SPGT 050204** | ● | 13 | 20 | 25 | 98 | 26 | 48 | 50 | 0.75 | 14.5 | | | |
| **ATUM 13.5XD2 SPGT 050204** | ● | 13.5 | 20 | 25 | 98 | 26 | 48 | 50 | 0.75 | 15 | **SPGT 050204** | 3006-M2x4 | 82-T06 |
| **ATUM 14XD2 SPGT 050204** | ● | 14 | 20 | 25 | 100 | 28 | 50 | 50 | 0.6 | 15.2 | | | |
| **ATUM 15XD2 SPGT 050204** | ● | 15 | 20 | 25 | 102 | 30 | 52 | 50 | 0.5 | 16 | | | |
| **ATUM 16XD2 SPGT 060204** | ● | 16 | 25 | 34 | 110 | 32 | 54 | 56 | 0.8 | 17.6 | | | |
| **ATUM 16.5XD2 SPGT 060204** | ● | 16.5 | 25 | 34 | 110 | 32 | 54 | 56 | 0.8 | 18.1 | | | |
| **ATUM 17XD2 SPGT 060204** | ● | 17 | 25 | 34 | 112 | 34 | 56 | 56 | 0.75 | 18.5 | | | |
| **ATUM 17.5XD2 SPGT 060204** | ● | 17.5 | 25 | 34 | 112 | 34 | 56 | 56 | 0.75 | 19 | **SPGT 060204** | 3007-M2.2x4.6 | 82-T07 |
| **ATUM 18XD2 SPGT 060204** | ● | 18 | 25 | 34 | 114 | 36 | 58 | 56 | 0.5 | 19 | | | |
| **ATUM 19XD2 SPGT 060204** | ● | 19 | 25 | 34 | 116 | 38 | 60 | 56 | 0.3 | 19.6 | | | |
| **ATUM 20XD2 SPGT 060204** | ● | 20 | 25 | 34 | 118 | 40 | 62 | 56 | 0 | 20 | | | |
| **ATUM 21XD2 SPGT 060204** | ● | 21 | 25 | 34 | 120 | 42 | 64 | 56 | 0 | 21 | | | |
| **ATUM 22XD2 SPGT 07T308** | ● | 22 | 25 | 34 | 122 | 44 | 66 | 56 | 1 | 24 | | | |
| **ATUM 22.5XD2 SPGT 07T308** | ● | 22.5 | 25 | 34 | 122 | 44 | 66 | 56 | 1 | 24.5 | | | |
| **ATUM 23XD2 SPGT 07T308** | ● | 23 | 25 | 34 | 124 | 46 | 68 | 56 | 0.75 | 24.5 | | | |
| **ATUM 23.5XD2 SPGT 07T308** | ● | 23.5 | 25 | 34 | 124 | 46 | 68 | 56 | 0.75 | 25 | **SPGT 07T308** | 3008-M2.5x6 | 82-T08 |
| **ATUM 24XD2 SPGT 07T308** | ● | 24 | 25 | 34 | 126 | 48 | 70 | 56 | 0.5 | 25 | | | |
| **ATUM 24.5XD2 SPGT 07T308** | ● | 24.5 | 25 | 34 | 126 | 48 | 70 | 56 | 0.5 | 25.5 | | | |
| **ATUM 25XD2 SPGT 07T308** | ● | 25 | 25 | 34 | 128 | 50 | 72 | 56 | 0.25 | 25.5 | | | |
| **ATUM 26XD2 SPGT 07T308** | ● | 26 | 25 | 34 | 130 | 52 | 74 | 56 | 0 | 26 | | | |
| **ATUM 28XD2 SPGT 090408** | ● | 28 | 25 | 34 | 134 | 56 | 78 | 56 | 1 | 30 | | | |
| **ATUM 29XD2 SPGT 090408** | ● | 29 | 25 | 34 | 136 | 58 | 80 | 56 | 0.75 | 30.5 | | | |
| **ATUM 30XD2 SPGT 090408** | ● | 30 | 32 | 44 | 147 | 60 | 87 | 60 | 0.5 | 31 | **SPGT 090408** | 4015-M3.5x9 | 80-T15 |
| **ATUM 31XD2 SPGT 090408** | ● | 31 | 32 | 44 | 149 | 62 | 89 | 60 | 0.25 | 31.5 | | | |
| **ATUM 32XD2 SPGT 090408** | ● | 32 | 32 | 44 | 151 | 64 | 91 | 60 | 0 | 32 | | | |
| **ATUM 35XD2 SPGT 110408** | ● | 35 | 32 | 44 | 157 | 70 | 97 | 60 | 0.75 | 36.5 | | | |
| **ATUM 36XD2 SPGT 110408** | ● | 36 | 32 | 44 | 159 | 72 | 99 | 60 | 0.6 | 37.2 | **SPGT 110408** | 4015-M4x11 | 80-T15 |
| **ATUM 40XD2 SPGT 110408** | ● | 40 | 32 | 44 | 167 | 80 | 107 | 60 | 0 | 40 | | | |

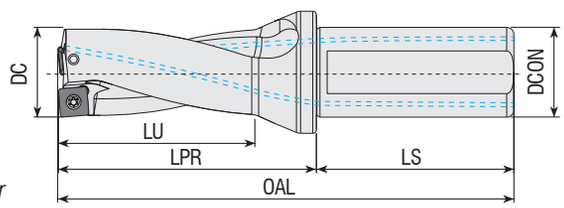
R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager*  ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**ZCC** Ucuna Uygundur. / Compatible with **ZCC** Insert. / Kompatibel mit **ZCC** Wendeplatten.

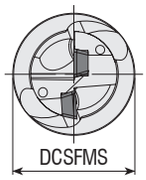
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück  ATUM 12.5XD2 SPGT 050204

Takma Uçlu Matkap Kullanım Kılavuzu : S 463 / *User's Guide For U-Drills : P 463*
*Bedienungsanleitung für Vollbohrer : S 463*

**ZCC** Ucuna Uygundur. / Compatible with **ZCC** Insert. / Kompatibel mit **ZCC** Wendeplatten.

Delme Derinliği = 3x Çap
*Drilling Depth = 3x Diameter*
*Bohrtiefe = 3x Durchmesser*




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Maks. Ofset (radyal) *Max. Offset (radial)* *Max. Versatz (radial)* | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | DCON | DCSFMS | OAL | LU | LPR | LS | $X_{max}$[mm] | $DC_{max}$[mm] | | | |
| **ATUM 12.5XD3 SPGT 050204** | ● | 12.5 | 20 | 25 | 108 | 36 | 58 | 50 | 0.75 | 14 | **SPGT 050204** | 3006-M2x4 | 82-T06 |
| **ATUM 13XD3 SPGT 050204** | ● | 13 | 20 | 25 | 111 | 39 | 61 | 50 | 0.75 | 14.5 | | | |
| **ATUM 13.5XD3 SPGT 050204** | ● | 13.5 | 20 | 25 | 111 | 39 | 61 | 50 | 0.75 | 15 | | | |
| **ATUM 14XD3 SPGT 050204** | ● | 14 | 20 | 25 | 114 | 42 | 64 | 50 | 0.6 | 15.2 | | | |
| **ATUM 14.5XD3 SPGT 050204** | ● | 14.5 | 20 | 25 | 114 | 42 | 64 | 50 | 0.6 | 15.7 | | | |
| **ATUM 15XD3 SPGT 050204** | ● | 15 | 20 | 25 | 117 | 45 | 67 | 50 | 0.5 | 16 | | | |
| **ATUM 15.5XD3 SPGT 060204** | ● | 15.5 | 20 | 25 | 117 | 45 | 67 | 50 | 0.9 | 17.3 | **SPGT 060204** | 3007-M2.2x4.6 | 82-T07 |
| **ATUM 16XD3 SPGT 060204** | ● | 16 | 25 | 34 | 126 | 48 | 70 | 56 | 0.8 | 17.6 | | | |
| **ATUM 16.5XD3 SPGT 060204** | ● | 16.5 | 25 | 34 | 126 | 48 | 70 | 56 | 0.8 | 18.1 | | | |
| **ATUM 17XD3 SPGT 060204** | ● | 17 | 25 | 34 | 129 | 51 | 73 | 56 | 0.75 | 18.5 | | | |
| **ATUM 17.5XD3 SPGT 060204** | ● | 17.5 | 25 | 34 | 129 | 51 | 73 | 56 | 0.75 | 19 | | | |
| **ATUM 18XD3 SPGT 060204** | ● | 18 | 25 | 34 | 132 | 54 | 76 | 56 | 0.5 | 19 | | | |
| **ATUM 18.5XD3 SPGT 060204** | ● | 18.5 | 25 | 34 | 132 | 54 | 76 | 56 | 0.5 | 19.5 | | | |
| **ATUM 19XD3 SPGT 060204** | ● | 19 | 25 | 34 | 135 | 57 | 79 | 56 | 0.3 | 19.6 | | | |
| **ATUM 19.5XD3 SPGT 060204** | ● | 19.5 | 25 | 34 | 135 | 57 | 79 | 56 | 0.3 | 20.1 | | | |
| **ATUM 20XD3 SPGT 060204** | ● | 20 | 25 | 34 | 138 | 60 | 82 | 56 | 0 | 20 | | | |
| **ATUM 20.5XD3 SPGT 060204** | ● | 20.5 | 25 | 34 | 138 | 60 | 82 | 56 | 0 | 20.5 | | | |
| **ATUM 21XD3 SPGT 060204** | ● | 21 | 25 | 34 | 141 | 63 | 85 | 56 | 0 | 21 | | | |
| **ATUM 21.5XD3 SPGT 060204** | ● | 21.5 | 25 | 34 | 141 | 63 | 85 | 56 | 0 | 21.5 | | | |
| **ATUM 22XD3 SPGT 07T308** | ● | 22 | 25 | 34 | 144 | 66 | 88 | 56 | 1 | 24 | **SPGT 07T308** | 3008-M2.5x6 | 82-T08 |
| **ATUM 22.5XD3 SPGT 07T308** | ● | 22.5 | 25 | 34 | 144 | 66 | 88 | 56 | 1 | 24.5 | | | |
| **ATUM 23XD3 SPGT 07T308** | ● | 23 | 25 | 34 | 147 | 69 | 91 | 56 | 0.75 | 24.5 | | | |
| **ATUM 23.5XD3 SPGT 07T308** | ● | 23.5 | 25 | 34 | 147 | 69 | 91 | 56 | 0.75 | 25 | | | |
| **ATUM 24XD3 SPGT 07T308** | ● | 24 | 25 | 34 | 150 | 72 | 94 | 56 | 0.5 | 25 | | | |
| **ATUM 24.5XD3 SPGT 07T308** | ● | 24.5 | 25 | 34 | 150 | 72 | 94 | 56 | 0.5 | 25.5 | | | |
| **ATUM 25XD3 SPGT 07T308** | ● | 25 | 25 | 34 | 153 | 75 | 97 | 56 | 0.25 | 25.5 | | | |
| **ATUM 25.5XD3 SPGT 07T308** | ● | 25.5 | 25 | 34 | 153 | 75 | 97 | 56 | 0.25 | 26 | | | |
| **ATUM 26XD3 SPGT 07T308** | ● | 26 | 25 | 34 | 156 | 78 | 100 | 56 | 0 | 26 | | | |
| **ATUM 26.5XD3 SPGT 07T308** | ● | 26.5 | 25 | 34 | 156 | 78 | 100 | 56 | 0 | 26.5 | | | |
| **ATUM 27XD3 SPGT 07T308** | ● | 27 | 25 | 34 | 159 | 81 | 103 | 56 | 0 | 27 | | | |
| **ATUM 27.5XD3 SPGT 07T308** | ● | 27.5 | 25 | 34 | 159 | 81 | 103 | 56 | 0 | 27.5 | | | |
| **ATUM 28XD3 SPGT 090408** | ● | 28 | 25 | 34 | 162 | 84 | 106 | 56 | 1 | 30 | **SPGT 090408** | 4015-M3.5x9 | 80-T15 |
| **ATUM 28.5XD3 SPGT 090408** | ● | 28.5 | 25 | 34 | 162 | 84 | 106 | 56 | 1 | 30.5 | | | |
| **ATUM 29XD3 SPGT 090408** | ● | 29 | 25 | 34 | 165 | 87 | 109 | 56 | 0.75 | 30.5 | | | |
| **ATUM 29.5XD3 SPGT 090408** | ● | 29.5 | 25 | 34 | 165 | 87 | 109 | 56 | 0.75 | 31 | | | |
| **ATUM 30XD3 SPGT 090408** | ● | 30 | 32 | 44 | 177 | 90 | 117 | 60 | 0.5 | 31 | | | |
| **ATUM 31XD3 SPGT 090408** | ● | 31 | 32 | 44 | 180 | 93 | 120 | 60 | 0.25 | 31.5 | | | |
| **ATUM 32XD3 SPGT 090408** | ● | 32 | 32 | 44 | 183 | 96 | 123 | 60 | 0 | 32 | | | |
| **ATUM 33XD3 SPGT 090408** | ● | 33 | 32 | 44 | 186 | 99 | 126 | 60 | 0 | 33 | | | |

R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*

● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

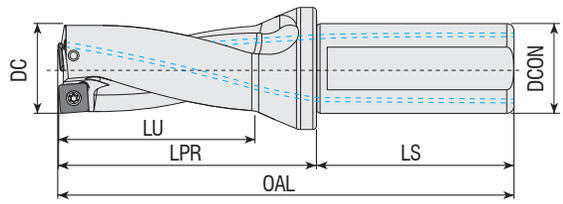
**ZCC** Ucuna Uygundur. / Compatible with **ZCC** Insert. / Kompatibel mit **ZCC** Wendeplatten.

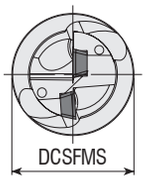
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ATUM 12.5XD3 SPGT 050204

Takma Uçlu Matkap Kullanım Kılavuzu : S 463 / *User's Guide For U-Drills : P 463*
*Bedienungsanleitung für Vollbohrer : S 463*

**ZCC** Ucuna Uygundur. / Compatible with **ZCC** Insert. / Kompatibel mit **ZCC** Wendeplatten.

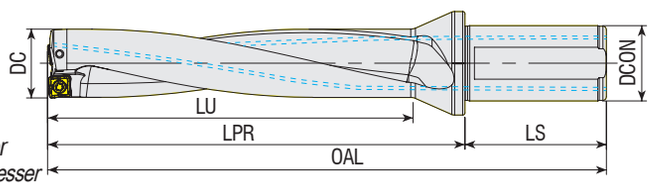
Delme Derinliği = 3x Çap
*Drilling Depth = 3x Diameter*
*Bohrtiefe = 3x Durchmesser*

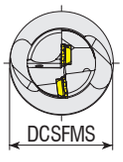



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Maks. Ofset (radyal) *Max. Offset (radial)* *Max. Versatz (radial)* | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | DCON | DCSFMS | OAL | LU | LPR | LS | $X_{max}$[mm] | $DC_{max}$[mm] | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| **ATUM 34XD3 SPGT 110408** | ● | 34 | 32 | 44 | 189 | 102 | 129 | 60 | 1 | 36 | **SPGT 110408** | 4015-M4x11 | 80-T15 |
| **ATUM 35XD3 SPGT 110408** | ● | 35 | 32 | 44 | 192 | 105 | 132 | 60 | 0.75 | 36.5 | | | |
| **ATUM 36XD3 SPGT 110408** | ● | 36 | 32 | 44 | 195 | 108 | 135 | 60 | 2.5 | 41 | | | |
| **ATUM 36.5XD3 SPGT 110408** | ● | 36.5 | 32 | 44 | 195 | 110 | 135 | 60 | 0.6 | 37.7 | | | |
| **ATUM 37XD3 SPGT 110408** | ● | 37 | 32 | 44 | 198 | 111 | 138 | 60 | 0.5 | 38 | | | |
| **ATUM 38XD3 SPGT 110408** | ● | 38 | 32 | 44 | 201 | 114 | 141 | 60 | 0.25 | 38.5 | | | |
| **ATUM 39XD3 SPGT 110408** | ● | 39 | 32 | 44 | 204 | 117 | 144 | 60 | 0 | 39 | | | |
| **ATUM 40XD3 SPGT 110408** | ● | 40 | 32 | 44 | 207 | 120 | 147 | 60 | 0 | 40 | | | |
| **ATUM 42XD3 SPGT 140512** | ● | 42 | 32 | 44 | 213 | 126 | 153 | 60 | 1.2 | 44.4 | **SPGT 140512** | 1020-M5x11 | 80-T20 |
| **ATUM 43XD3 SPGT 140512** | ● | 43 | 32 | 44 | 216 | 129 | 156 | 60 | 1 | 45 | | | |
| **ATUM 44XD3 SPGT 140512** | ● | 44 | 32 | 44 | 219 | 132 | 159 | 60 | 0.8 | 45.6 | | | |
| **ATUM 49XD3 SPGT 140512** | ● | 49 | 40 | 54 | 249 | 147 | 179 | 70 | 0 | 49 | | | |
| **ATUM 50XD3 SPGT 140512** | ● | 50 | 40 | 54 | 252 | 150 | 182 | 70 | 0 | 50 | | | |

Delme Derinliği = 5x Çap
*Drilling Depth = 5x Diameter*
*Bohrtiefe = 5x Durchmesser*




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Maks. Ofset (radyal) *Max. Offset (radial)* *Max. Versatz (radial)* | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | DCON | DCSFMS | OAL | LU | LPR | LS | $X_{max}$[mm] | $DC_{max}$[mm] | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| **ATUM 22XD5 SPGT 07T308** | ● | 22 | 25 | 34 | 188 | 110 | 132 | 56 | 1 | 24 | **SPGT 07T308** | 3008-M2.5x6 | 82-T08 |
| **ATUM 26XD5 SPGT 07T308-32** | ● | 26 | 32 | 44 | 217 | 130 | 157 | 60 | 0 | 26 | | | |
| new **ATUM 30XD5 SPGT 090408** | ● | 30 | 32 | 44 | 237 | 150 | 177 | 60 | 0.5 | 31 | **SPGT 090408** | 4015-M3.5x9 | 80-T15 |
| new **ATUM 31XD5 SPGT 090408** | ● | 31 | 32 | 44 | 242 | 155 | 182 | 60 | 0.25 | 31.5 | | | |
| new **ATUM 32XD5 SPGT 090408** | ● | 32 | 32 | 44 | 247 | 160 | 187 | 60 | 0 | 32 | | | |
| new **ATUM 33XD5 SPGT 090408** | ● | 33 | 32 | 44 | 252 | 165 | 192 | 60 | 0 | 33 | | | |
| new **ATUM 35XD5 SPGT 110408** | ● | 35 | 32 | 44 | 262 | 175 | 202 | 60 | 0.75 | 36.5 | **SPGT 110408** | 4015-M4x11 | |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**ZCC** Ucuna Uygundur. / Compatible with **ZCC** Insert. / Kompatibel mit **ZCC** Wendeplatten.

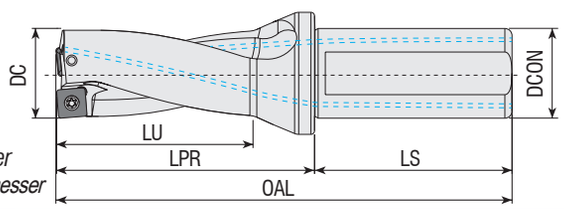
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ATUM 34XD3 SPGT 110408

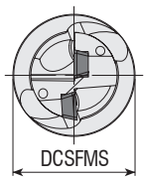
Takma Uçlu Matkap Kullanım Kılavuzu : S 463 / *User's Guide For U-Drills : P 463*
*Bedienungsanleitung für Vollbohrer : S 463*

**ZCC** Ucuna Uygundur. / Compatible with **ZCC** Insert. / Kompatibel mit **ZCC** Wendeplatten.

Delme Derinliği
*Drilling Depth*
*Bohrtiefe*

= 4x Çap
= *4x Diameter*
= *4x Durchmesser*




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Maks. Ofset (radyal) *Max. Offset (radial)* *Max. Versatz (radial)* | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | DCON | DCSFMS | OAL | LU | LPR | LS | $X_{max}$[mm] | $DC_{max}$[mm] | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| **ATUM 13XD4 SPGT 050204** | ● | 13 | 20 | 25 | 124 | 52 | 74 | 50 | 0.75 | 14.5 | **SPGT 050204** | 3006-M2x4 | 82-T06 |
| **ATUM 14XD4 SPGT 050204** | ● | 14 | 20 | 25 | 128 | 56 | 78 | 50 | 0.6 | 15.2 | | | |
| **ATUM 14.5XD4 SPGT 050204** | ● | 14.5 | 20 | 25 | 128 | 58 | 78 | 50 | 0.6 | 15.7 | | | |
| **ATUM 15XD4 SPGT 050204** | ● | 15 | 20 | 25 | 132 | 60 | 82 | 50 | 0.5 | 16 | | | |
| **ATUM 16XD4 SPGT 060204** | ● | 16 | 25 | 34 | 142 | 64 | 86 | 56 | 0.8 | 17.6 | **SPGT 060204** | 3007-M2.2x5 | 82-T07 |
| **ATUM 17XD4 SPGT 060204** | ● | 17 | 25 | 34 | 146 | 68 | 90 | 56 | 0.75 | 18.5 | | | |
| **ATUM 17.5XD4 SPGT 060204** | ● | 17.5 | 25 | 34 | 146 | 68 | 90 | 56 | 0.75 | 19 | | | |
| **ATUM 18XD4 SPGT 060204** | ● | 18 | 25 | 34 | 150 | 72 | 94 | 56 | 0.5 | 19 | | | |
| **ATUM 19XD4 SPGT 060204** | ● | 19 | 25 | 34 | 154 | 76 | 98 | 56 | 0.3 | 19.6 | | | |
| **ATUM 19.5XD4 SPGT 060204** | ● | 19.5 | 25 | 34 | 154 | 76 | 98 | 56 | 0.3 | 20.1 | | | |
| **ATUM 20XD4 SPGT 060204** | ● | 20 | 25 | 34 | 158 | 80 | 102 | 56 | 0 | 20 | | | |
| **ATUM 21XD4 SPGT 060204** | ● | 21 | 25 | 34 | 162 | 84 | 106 | 56 | 0 | 21 | | | |
| **ATUM 22XD4 SPGT 07T308** | ● | 22 | 25 | 34 | 166 | 88 | 110 | 56 | 1 | 24 | **SPGT 07T308** | 3008-M2.5x6 | 82-T08 |
| **ATUM 23XD4 SPGT 07T308** | ● | 23 | 25 | 34 | 170 | 92 | 114 | 56 | 0.75 | 24.5 | | | |
| **ATUM 23.5XD4 SPGT 07T308** | ● | 23.5 | 25 | 34 | 170 | 92 | 114 | 56 | 0.75 | 25 | | | |
| **ATUM 24XD4 SPGT 07T308** | ● | 24 | 25 | 34 | 174 | 96 | 118 | 56 | 0.5 | 25 | | | |
| **ATUM 25XD4 SPGT 07T308** | ● | 25 | 25 | 34 | 178 | 100 | 122 | 56 | 0.25 | 25.5 | | | |
| **ATUM 26XD4 SPGT 07T308** | ● | 26 | 25 | 34 | 182 | 104 | 126 | 56 | 0 | 26 | | | |
| **ATUM 27.5XD4 SPGT 07T308** | ● | 27.5 | 25 | 34 | 186 | 108 | 130 | 56 | 0 | 27.5 | | | |
| **ATUM 28XD4 SPGT 090408** | ● | 28 | 25 | 34 | 190 | 112 | 134 | 56 | 1 | 30 | **SPGT 090408** | 4015-M3.5x9 | 80-T15 |
| **ATUM 29XD4 SPGT 090408** | ● | 29 | 25 | 34 | 194 | 116 | 138 | 56 | 0.75 | 30.5 | | | |
| **ATUM 30XD4 SPGT 090408** | ● | 30 | 32 | 44 | 207 | 120 | 147 | 60 | 0.5 | 31 | | | |
| **ATUM 31XD4 SPGT 090408** | ● | 31 | 32 | 44 | 211 | 124 | 151 | 60 | 0.75 | 32.5 | | | |
| **ATUM 32XD4 SPGT 090408** | ● | 32 | 32 | 44 | 215 | 128 | 155 | 60 | 0 | 32 | | | |
| **ATUM 33.5XD4 SPGT 090408** | ● | 33.5 | 32 | 44 | 219 | 132 | 159 | 60 | 0 | 33.5 | | | |
| **ATUM 38XD4 SPGT 110408** | ● | 38 | 32 | 44 | 239 | 152 | 179 | 60 | 0.25 | 38.5 | **SPGT 110408** | 4015-M4x11 | 80-T15 |

R: Sağ / Right / *Rechts*/ L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**ZCC** Ucuna Uygundur. / Compatible with **ZCC** Insert. / Kompatibel mit **ZCC** Wendeplatten.
Takma Uçlu Matkap Kullanım Kılavuzu : S 463 / *User's Guide For U-Drills : P 463*
*Bedienungsanleitung für Vollbohrer : S 463*

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ATUM 13XD4 SPGT 050204

AKKO®

*konuşulan*
*the spoken kalite...*
*quality...*

# EKONOMİK KESİCİLER

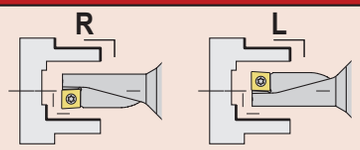
**EKONOMİK KESİCİLER**
*MULTI FUNCTIONAL CUTTING TOOLS*
*MULTIFUNKTIONALES DREH- UND BOHRWERKZEUG*

| AKKO | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | EK | R | - | D2.25 | x | 20 | | | | | | |
| 1 | 2 | 3 | | 4 | | 5 | | | | | | |
| X | C | . | . | 10 | | T3 | | 04 | | | | |
| 6 | 7 | 8 | 9 | 10 | | 11 | | 12 | | | | |

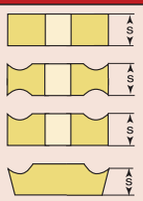
## 2 Kesiş Stili / *Cutter Style* / *Werkzeugtyp*

EK : Ekonomik Kesici / *Economic Cutting*
*Multifunktionales Dreh- und Bohrwerkzeug*

## 3 Kesme Yönü / *Cutting Direction* / *Halterausführung*

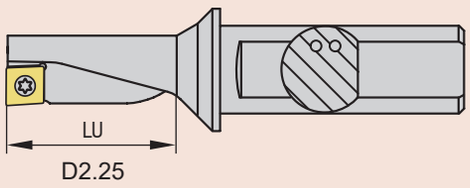



## 11 Kalınlık / *Thickness* / *Dicke*

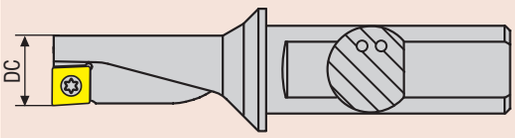



| | |
|---|---|
| 01 | s = 1.59 |
| T1 | s = 1.98 |
| 02 | s = 2.38 |
| T2 | s = 2.78 |
| 03 | s = 3.18 |
| T3 | s = 3.97 |
| 04 | s = 4.76 |
| 05 | s = 5.56 |
| 06 | s = 6.35 |
| 07 | s = 7.94 |
| 09 | s = 9.52 |

## 4 Delme Derinliği / *Drilling* Depth / *Bohrtiefe*



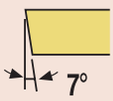

## 5 Takım Çapı / *Tool Diameter* / *Werkzeugdurchmesser*




## 6 Uç Şekli / *Insert Form* / *Plattenform*

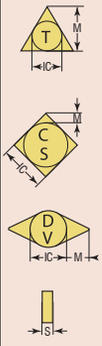
| X | Q |
|---|---|

## 7 Serbest Uç Açısı / *Clearance Angle of Insert* / *Freiwinkel der Wendeschneidplatte*




C

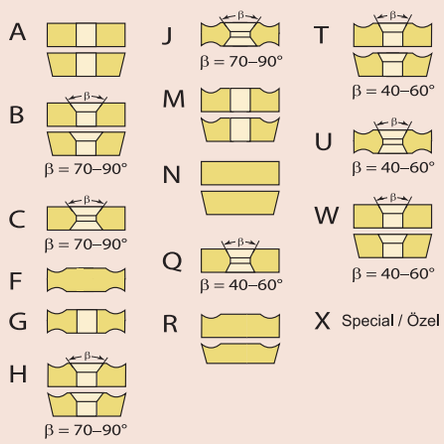
## 8 Toleranslar / *Tolerance Classes* / *Toleranzen*



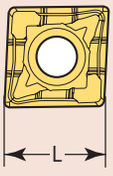

| | IC | M | S |
|---|---|---|---|
| A | ± 0.025 | ± 0.005 | ± 0.025 |
| C | ± 0.025 | ± 0.013 | ± 0.025 |
| E | ± 0.025 | ± 0.025 | ± 0.025 |
| F | ± 0.013 | ± 0.005 | ± 0.025 |
| G | ± 0.025 | ± 0.025 | ± 0.130 |
| H | ± 0.013 | ± 0.013 | ± 0.025 |
| J | ± 0.05–0.15 | ± 0.005 | ± 0.025 |
| K | ± 0.05–0.15 | ± 0.013 | ± 0.025 |
| L | ± 0.05–0.15 | ± 0.025 | ± 0.025 |
| M | ± 0.05–0.15 | ± 0.08–0.20 | ± 0.130 |
| N | ± 0.05–0.15 | ± 0.08–0.20 | ± 0.025 |
| U | ± 0.08–0.25 | ± 0.13 –0.38 | ± 0.130 |

IC : Daire Ölçüsü / *Inscribed Circle*
M : Şekle Göre / *Refer to Figure*
S : Kalınlık / *Thickness*

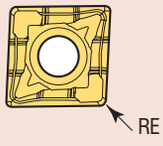
## 9 Uç Tipi / *Type of Insert* / *Plattenform*




## 10 Kesme Kenar Uzunluğu / *Cutting Edge Length* / *Schneidkantenlänge*

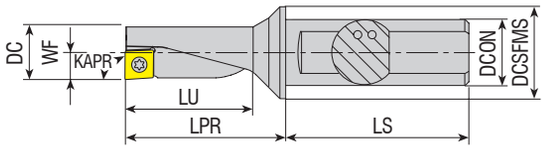


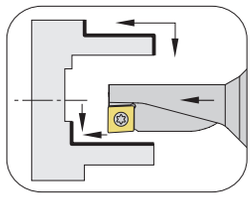

## 12 Köşe Konfigürasyonu / *Corner Radius* / *Eckenradius*




| | | | |
|---|---|---|---|
| 01 | RE=0.1 | 12 | RE=1.2 |
| 02 | RE=0.2 | 16 | RE=1.6 |
| 04 | RE=0.4 | 24 | RE=2.4 |
| 08 | RE=0.8 | | |

## **CRTZT** Ucuna Uygundur. / Compatible with **CRTZT** Insert. / Kompatibel mit **CRTZT** Wendeplatten.

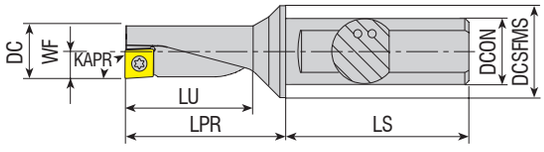


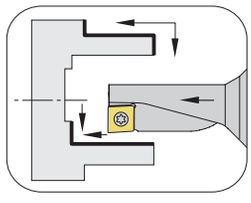



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | DC | DCON | DCSFMS | LU | LPR | LS | WF | | | |
| **AEKR/L-D2.25X8 XC.. 040104** | ● | ● | 8 | 10 | 12 | 18 | 22 | 38 | 4 | **XC.. 040104** | 3006-M1.8x4 | 82-T06 |
| **AEKR/L-D2.25X10 XC.. 050204** | ● | ● | 10 | 12 | 16 | 22.5 | 27.5 | 42 | 5 | **XC.. 050204** | 3006-M2x4 | |
| **AEKR/L-D2.25X12 XC.. 060204** | ● | ● | 12 | 16 | 20 | 27 | 33 | 45 | 6 | **XC.. 060204** | 3007-M2.2x4.6 | 82-T07 |
| **AEKR/L-D2.25X14 XC.. 070304** | ● | ● | 14 | 16 | 20 | 31.5 | 38 | 45 | 7 | **XC.. 070304** | 3008-M2.5x6 | 82-T08 |
| **AEKR/L-D2.25X16 XC.. 080304** | ● | ● | 16 | 20 | 25 | 36 | 44 | 50 | 8 | **XC.. 080304** | 3008-M3x6 | |
| **AEKR/L-D2.25X18 XC.. 09T304** | ● | ● | 18 | 25 | 32 | 40.5 | 53.5 | 56 | 9 | **XC.. 09T304** | | |
| **AEKR/L-D2.25X20 XC.. 10T304** | ● | ● | 20 | 25 | 32 | 45 | 55 | 56 | 10 | **XC.. 10T304** | 4015-M3.5x9 | 80-T15 |
| **AEKR/L-D2.25X25 XC.. 130404** | ● | ● | 25 | 32 | 40 | 56.5 | 69 | 60 | 12.5 | **XC.. 130404** | 4020-M4.5x10 | 80-T20 |
| **AEKR/L-D2.25X32 XC.. 170504** | ● | ● | 32 | 32 | 50 | 72 | 88 | 60 | 16 | **XC.. 170504** | 4020-M4.5x12 | |

**CRTZT** Ucuna Uygundur. / Compatible with **CRTZT** Insert. / Kompatibel mit **CRTZT** Wendeplatten.

## **ISCR** Ucuna Uygundur. / Compatible with **ISCR** Insert. / Kompatibel mit **ISCR** Wendeplatten.



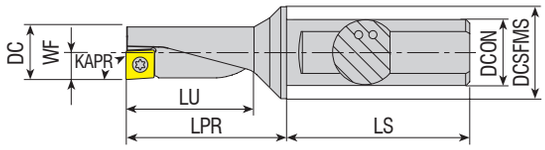



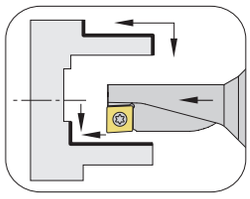
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | DC | DCON | DCSFMS | LU | LPR | LS | WF | | | |
| **AEKR/L-D2.25X8 XC.. 040104** | ● | ● | 8 | 10 | 12 | 18 | 22 | 38 | 4 | **XC.. 040104** | 3006-M1.8x4 | 82-T06 |
| **AEKR/L-D2.25X10 XC.. 050204** | ● | ● | 10 | 12 | 16 | 22.5 | 27.5 | 42 | 5 | **XC.. 050204** | 3006-M2x4 | |
| **AEKR/L-D2.25X12 XC.. 060204** | ● | ● | 12 | 16 | 20 | 27 | 33 | 45 | 6 | **XC.. 060204** | 3007-M2.2x4.6 | 82-T07 |
| **AEKR/L-D2.25X14 XC.. 070304** | ● | ● | 14 | 16 | 20 | 31.5 | 38 | 45 | 7 | **XC.. 070304** | 3008-M2.5x6 | 82-T08 |
| **AEKR/L-D2.25X16 XC.. 080304** | ● | ● | 16 | 20 | 25 | 36 | 44 | 50 | 8 | **XC.. 080304** | 3008-M3x6 | |
| **AEKR/L-D2.25X18 XC.. 09T304** | ● | ● | 18 | 25 | 32 | 40.5 | 53.5 | 56 | 9 | **XC.. 09T304** | | |
| **AEKR/L-D2.25X20 XC.. 10T304** | ● | ● | 20 | 25 | 32 | 45 | 55 | 56 | 10 | **XC.. 10T304** | 4015-M3.5x9 | 80-T15 |
| **AEKR/L-D2.25X25 XC.. 130404** | ● | ● | 25 | 32 | 40 | 56.5 | 69 | 60 | 12.5 | **XC.. 130404** | 4020-M4.5x10 | 80-T20 |
| **AEKR/L-D2.25X32 XC.. 170504** | ● | ● | 32 | 32 | 50 | 72 | 88 | 60 | 16 | **XC.. 170504** | 4020-M4.5x12 | |

R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager*  ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**ISCR** Ucuna Uygundur. / Compatible with **ISCR** Insert. / Kompatibel mit **ISCR** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AEKR-D2.25X8 XC.. 040104

**KRLY** Ucuna Uygundur. / Compatible with **KRLY** Insert. / Kompatibel mit **KRLY** Wendeplatten.

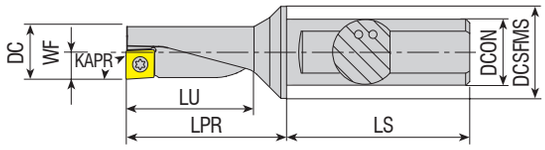


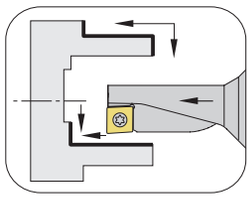



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | DC | DCON | DCSFMS | LU | LPR | LS | WF | | | |
| **AEKR/L-D2.25X10 XC.. 050204** | ● | ● | 10 | 12 | 16 | 22.5 | 27.5 | 42 | 5 | **QC.. 050204** | 3006-M2x4 | 82-T06 |
| **AEKR/L-D2.25X12 XC.. 060204** | ● | ● | 12 | 16 | 20 | 27 | 33 | 45 | 6 | **QC.. 060204** | 3007-M2.2x4.6 | 82-T07 |
| **AEKR/L-D2.25X14 XC.. 070304** | ● | ● | 14 | 16 | 20 | 31.5 | 38 | 45 | 7 | **QC.. 070304** | 3008-M2.5x6 | 82-T08 |
| **AEKR/L-D2.25X16 XC.. 080304** | ● | ● | 16 | 20 | 25 | 36 | 44 | 50 | 8 | **QC.. 080304** | 3008-M3x6 | |
| **AEKR/L-D2.25X20 XC.. 10T304** | ● | ● | 20 | 25 | 32 | 45 | 55 | 56 | 10 | **QC.. 10T304** | 4015-M3.5x9 | 80-T15 |
| **AEKR/L-D2.25X25 XC.. 130404** | ● | ● | 25 | 32 | 40 | 56.5 | 69 | 60 | 12.5 | **QC.. 130404** | 4020-M4.5x10 | 80-T20 |
| **AEKR/L-D2.25X32 XC.. 170504** | ● | ● | 32 | 32 | 50 | 72 | 88 | 60 | 16 | **QC.. 170504** | 4020-M4.5x12 | |

**KRLY** Ucuna Uygundur. / Compatible with **KRLY** Insert. / Kompatibel mit **KRLY** Wendeplatten.

**TGTC** Ucuna Uygundur. / Compatible with **TGTC** Insert. / Kompatibel mit **TGTC** Wendeplatten.

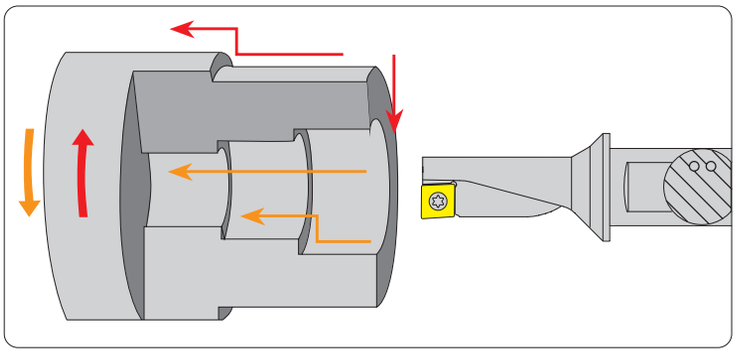


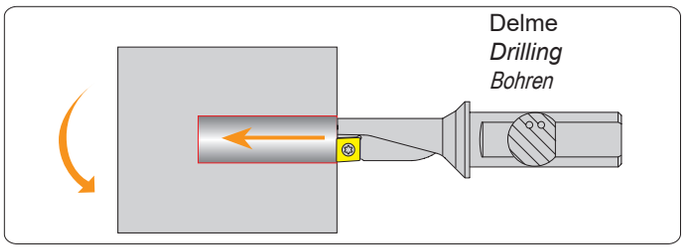



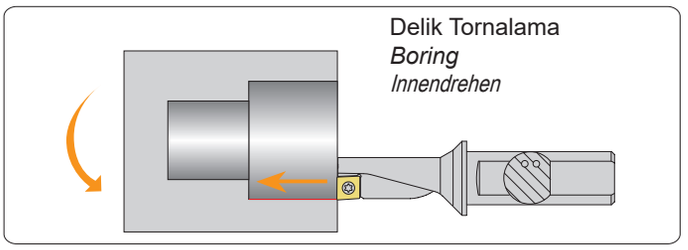
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | DC | DCON | DCSFMS | LU | LPR | LS | WF | | | |
| **AEKR/L-D2.25X8 XC.. 040104** | ● | ● | 8 | 10 | 12 | 18 | 22 | 38 | 4 | **XC.. 040104** | 3006-M1.8x4 | 82-T06 |
| **AEKR/L-D2.25X10 XC.. 050204** | ● | ● | 10 | 12 | 16 | 22.5 | 27.5 | 42 | 5 | **XC.. 050204** | 3006-M2x4 | |
| **AEKR/L-D2.25X12 XC.. 060204** | ● | ● | 12 | 16 | 20 | 27 | 33 | 45 | 6 | **XC.. 060204** | 3007-M2.2x4.6 | 82-T07 |
| **AEKR/L-D2.25X14 XC.. 070304** | ● | ● | 14 | 16 | 20 | 31.5 | 38 | 45 | 7 | **XC.. 070304** | 3008-M2.5x6 | 82-T08 |
| **AEKR/L-D2.25X16 XC.. 080304** | ● | ● | 16 | 20 | 25 | 36 | 44 | 50 | 8 | **XC.. 080304** | 3008-M3x6 | |
| **AEKR/L-D2.25X18 XC.. 09T304** | ● | ● | 18 | 25 | 32 | 40.5 | 53.5 | 56 | 9 | **XC.. 09T304** | | |
| **AEKR/L-D2.25X20 XC.. 10T304** | ● | ● | 20 | 25 | 32 | 45 | 55 | 56 | 10 | **XC.. 10T304** | 4015-M3.5x9 | 80-T15 |
| **AEKR/L-D2.25X25 XC.. 130404** | ● | ● | 25 | 32 | 40 | 56.5 | 69 | 60 | 12.5 | **XC.. 130404** | 4020-M4.5x10 | 80-T20 |
| **AEKR/L-D2.25X32 XC.. 170504** | ● | ● | 32 | 32 | 50 | 72 | 88 | 60 | 16 | **XC.. 170504** | 4020-M4.5x12 | |

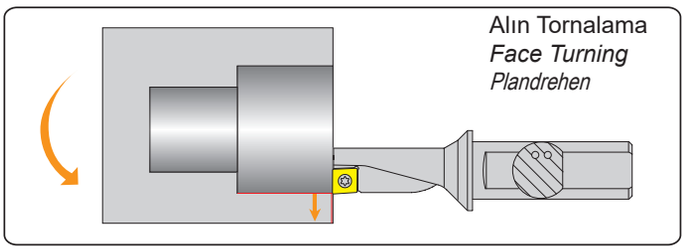
R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**TGTC** Ucuna Uygundur. / Compatible with **TGTC** Insert. / Kompatibel mit **TGTC** Wendeplatten.

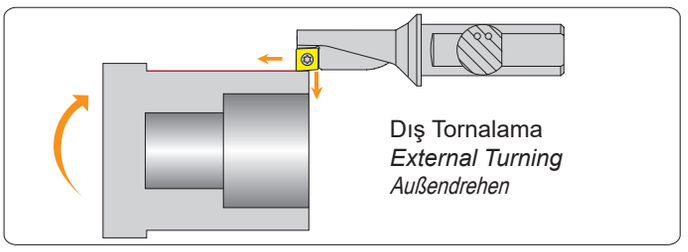
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AEKR-D2.25X8 XC.. 040104






DELİK DELMEDE KUSURSUZLUĞU ARAYANLARA,
**TAKMA UÇLU MATKAP SERİSİ**

FOR THOSE WHO SEEK PERFECTION IN DRILLING,
**U-DRILL Series**

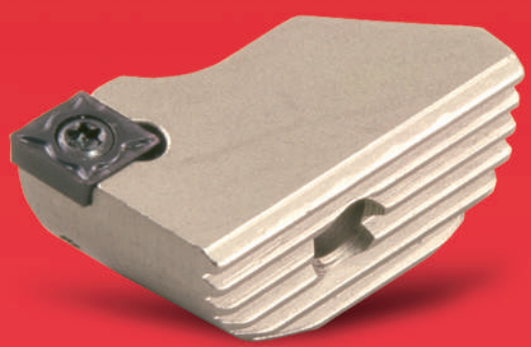
**U-DRILL-SERIE** FUR ALLE, DIE DAS BOHREN PERFEKTIONIEREN WOLLEN

AKKO®

konuşulan
the spoken kalite...
quality...

# BARALAR

**AYARLI DELİK İŞLEME BARALARI**
*ADJUSTABLE BORING HEADS*
*EINSTELLBARE SPINDELKÖPFE*



| AKKO | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| A | BH | R | - | D18x22 | | | | | | |
| 1 | 2 | 3 | | 4 | | | | | | |
| W16 | - | L90 | - | CC06 | | | | | | |
| 5 | | 6 | | 7 | | | | | | |

**2** Kesiş Stili / *Cutter Style* / *Werkzeugtyp*

BH : Delik İşleme / *Boring Head*
*Spindelkopf*

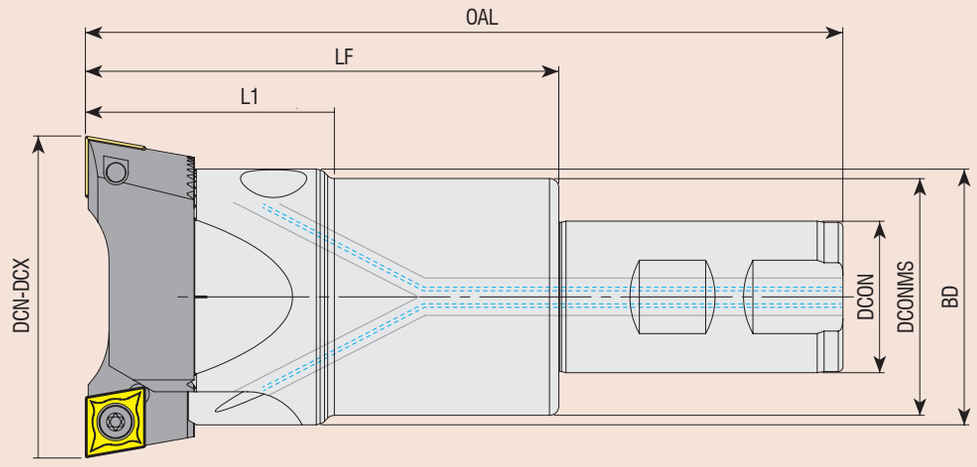
**3** İşlem Tipi / *Cutter Type* / *Einsatzgebiet*

R : Kaba Baralama / *Rough Boring*
*Schruppbearbeitung*
F : Hassas Baralama / *Fine Boring*
*Schlichtbearbeitung*

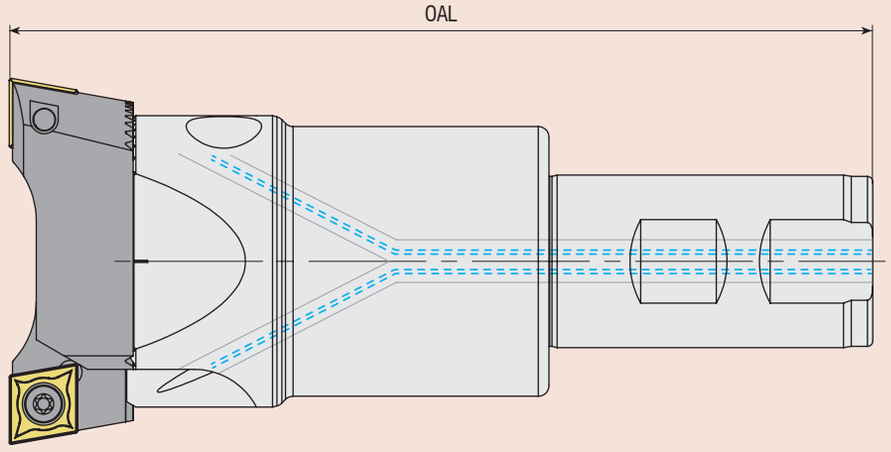
**5** Montaj Formu / *Asembly Form* / *Schaftform*

W : Weldon

**4** Ölçü Aralığı / *Boring Range* / *Bohrbereich*

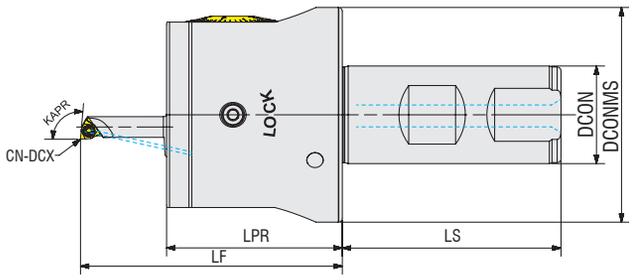


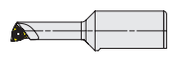
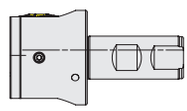

**6** Takım Boyu / *Tool Length* / *Werkzeuglänge*



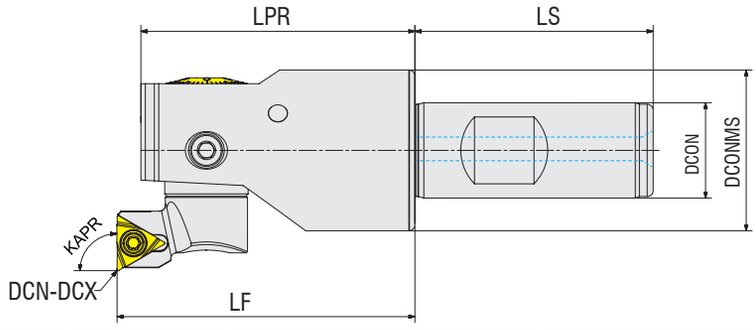

**7** Kesici Uç / *Insert* / *Wendeschneidplatte*

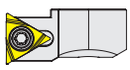
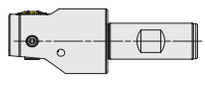
CC06 : CC.. 0602..
CC09 : CC.. 09T3..
CC12 : CC.. 1204..




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | | | Kartuş *Cartridge* *Kurzdrehhalter* | Kesici Uç *Insert* *Wendeschneidplatte* | Bara Gövde Takım Kodu *Boring Head Body Code* *Trägerwerkzeug-Bezeichnung* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ölçü Aralığı *Boring Range* *Bohrbereic* DCN-DCX | LF | LPR | LS | DCON | DCONMS | KAPR | DCN | DCX |  | |  |
| **SET-I-ABHF-D06X30-WA25** | ● | 06-30 | 67 | 45 | 56 | 25 | 55 | 95° | 6 | 10 | SWLCR-D06X10-22 | **WCGT 0201..L** | ABHF-D06X30-WA25 |
| | | | 75 | | | | | | 8 | 14 | SWLCR-D08X14-30 | | |
| | | | 85 | | | | | 93° | 12 | 18 | STUPR-D12X18-40 | **TPGX 0902..L** | |
| | | | | | | | | | 16 | 22 | STUPR-D16X22-40 | | |
| | | | | | | | | | 20 | 26 | STUPR-D20X26-40 | | |
| | | | 95 | | | | | | 24 | 30 | STUPR-D24X30-50 | | |

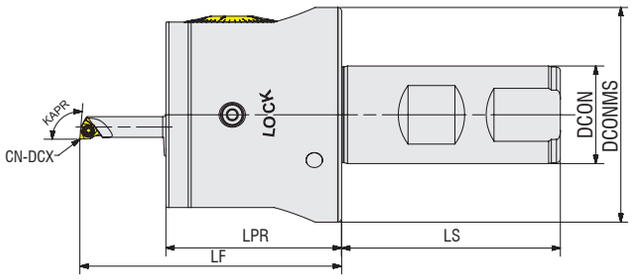
Hassas bara setlerimiz 0,2 veya 0,4 radüslü uçlardan oluşmaktadır. Siparişinizle birlikte uç detayını satış temsilcisi ile paylaşmanızı rica ederiz. Sipariş örneği: SET-I-ABHF-D06X30-WA25
Our fine boring sets consist of inserts with 0.2 or 0.4 radius. We kindly ask you to share the insert radius details with the sales representative with your order.
Ordering Example: SET-I-ABHF-D06X30-WA25
*Unsere Einstellbare Bohr Set bestehen aus Wendeschneidplatten mit einem Radius von 0,2 oder 0,4. Wir bitten Sie, die Angaben zum Wendeschneidplattenradius bei Ihrer Bestellung dem Vertriebsmitarbeiter mitzuteilen. ''Bestellbeispiel: SET-I-ABHF-D06X30-WA25*



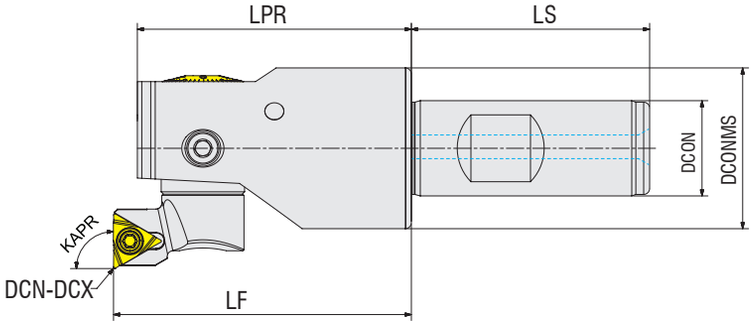

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | | | Kartuş *Cartridge* *Kurzdrehhalter* | Kesici Uç *Insert* *Wendeschneidplatte* | Uzatma Adaptörü *Extension* *Längerungsadapter* | Bara Gövde Takım Kodu *Boring Head Body Code* *Trägerwerkzeug-Bezeichnung* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ölçü Aralığı *Boring Range* *Bohrbereic* DCN-DCX | LF | LPR | LS | DCON | DCONMS | KAPR | DCN | DCX |  | | |  |
| **SET-I-ABHF-D29X40-WA16** | ● | 29-40 | 50 | 46 | 40 | 16 | 27 | 90° | 29<br>34 | 35<br>40 | STFPR-D29x35<br>STFPR-D34x40 | **TPGX 0902..L** | - | ABHF-D29X40-WA16 |
| **SET-I-ABHF-D39X54-WA20** | ● | 39-54 | 60 | 55 | 50 | 20 | 36 | | 39<br>46 | 47<br>54 | STFPR-D39x47<br>STFPR-D46x54 | | | ABHF-D39X54-WA20 |
| **SET-I-ABHF-D52X80-WA25** | ● | 52-80 | 70 | 65 | 56 | 25 | 48 | | 52<br>64 | 68<br>80 | STFPR-D52x68<br>STFPR-D64x80 | | | ABHF-D52X80-WA25 |
| **SET-I-ABHF-D78X170-WA32** | ● | 78-170 | 83 | 77 | 60 | 32 | 72 | | 78<br>96 | 98<br>116 | STFPR-D78x98<br>STFPR-D96x116 | | AEA-114x134<br>AEA-132x152 | ABHF-D78X170-WA32 |

SET-I-ABHF-D78X170-WA32 takım uzatma adaptörü kullanılarak 117-170 ölçü aralığında operasyon yapmaktadır.
SET-I-ABHF-D78X170-WA32 operates in the 117-170 size range by using the extension adapter.
*SET-I-ABHF-D78X170-WA32 funktioniert im Größenbereich 117–170 durch Verwendung des Verlängerungsadapters.*

Hassas bara setlerimiz 0,2 veya 0,4 radüslü uçlardan oluşmaktadır. Siparişinizle birlikte uç detayını satış temsilcisi ile paylaşmanızı rica ederiz. Sipariş örneği: SET-I-ABHF-D29X40-WA16
Our fine boring sets consist of inserts with 0.2 or 0.4 radius. We kindly ask you to share the insert radius details with the sales representative with your order
Ordering Example:SET-I-ABHF-D29X40-WA16
*Unsere Einstellbare Bohr Set bestehen aus Wendeschneidplatten mit einem Radius von 0,2 oder 0,4. Wir bitten Sie, die Angaben zum Wendeschneidplattenradius bei Ihrer Bestellung dem Vertriebsmitarbeiter mitzuteilen. Bestellbeispiel: SET-I-ABHF-D29X40-WA16*




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Ölçü Aralığı *Boring Range* *Bohrbereic* DCN-DCX | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* LF | LPR | LS | DCON | DCONMS | KAPR | DCN | DCX | Kartuş *Cartridge* *Kurzdrehhalter* | Kesici Uç *Insert* *Wendeschneidplatte* | Bara Gövde Takım Kodu *Boring Head Body Code* *Trägerwerkzeug-Bezeichnung* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SET-ABHF-D06X30-WA25 | ● | 06-30 | 67 | 45 | 56 | 25 | 55 | 95° | 6 | 10 | SWLCR-D06X10-22 | WCGT 0201..L | ABHF-D06X30-WA25 |
| | | | 75 | | | | | | 8 | 14 | SWLCR-D08X14-30 | | |
| | | | 85 | | | | | 93° | 12 | 18 | STUPR-D12X18-40 | TPGX 0902..L | |
| | | | | | | | | | 16 | 22 | STUPR-D16X22-40 | | |
| | | | | | | | | | 20 | 26 | STUPR-D20X26-40 | | |
| | | | 95 | | | | | | 24 | 30 | STUPR-D24X30-50 | | |



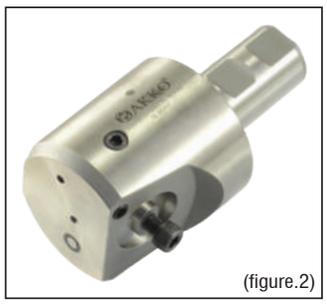

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Ölçü Aralığı *Boring Range* *Bohrbereic* DCN-DCX | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* LF | LPR | LS | DCON | DCONMS | KAPR | DCN | DCX | Kartuş *Cartridge* *Kurzdrehhalter* | Kesici Uç *Insert* *Wendeschneidplatte* | Uzatma Adaptörü *Extension* *Längerungsadapter* | Bara Gövde Takım Kodu *Boring Head Body Code* *Trägerwerkzeug-Bezeichnung* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SET-ABHF-D29X40-WA16 | ● | 29-40 | 50 | 46 | 40 | 16 | 27 | 90° | 29 | 35 | STFPR-D29x35 | TPGX 0902..L | - | ABHF-D29X40-WA16 |
| | | | | | | | | | 34 | 40 | STFPR-D34x40 | | | |
| SET-ABHF-D39X54-WA20 | ● | 39-54 | 60 | 55 | 50 | 20 | 36 | | 39 | 47 | STFPR-D39x47 | | | ABHF-D39X54-WA20 |
| | | | | | | | | | 46 | 54 | STFPR-D46x54 | | | |
| SET-ABHF-D52X80-WA25 | ● | 52-80 | 70 | 65 | 56 | 25 | 48 | | 52 | 68 | STFPR-D52x68 | | | ABHF-D52X80-WA25 |
| | | | | | | | | | 64 | 80 | STFPR-D64x80 | | | |
| SET-ABHF-D78X170-WA32 | ● | 78-170 | 83 | 77 | 60 | 32 | 72 | | 78 | 98 | STFPR-D78x98 | | AEA-114x134 | ABHF-D78X170-WA32 |
| | | | | | | | | | 96 | 116 | STFPR-D96x116 | | AEA-132x152 | |

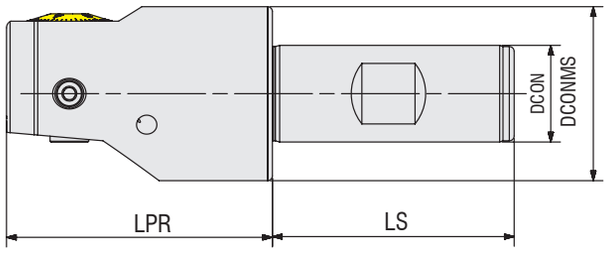
SET-ABHF-D78X170-WA32 takım uzatma adaptörü kullanılarak 117-170 ölçü aralığında operasyon yapmaktadır.
SET-ABHF-D78X170-WA32 operates in the 117-170 size range by using the extension adapter
*SET-ABHF-D78X170-WA32 funktioniert im Größenbereich 117–170 durch Verwendung des Verlängerungsadapters.*

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück SET-ABHF-D06X30-WA25

R: Sağ / Right / *Rechts*/ L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

(figure.1)

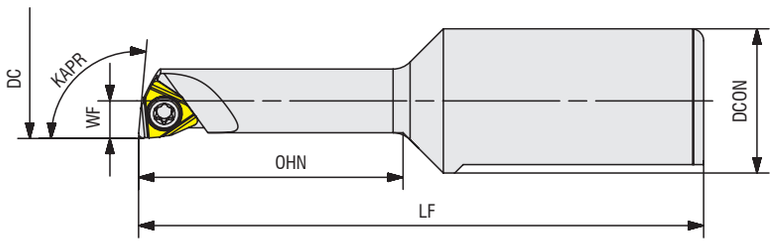

(figure.2)



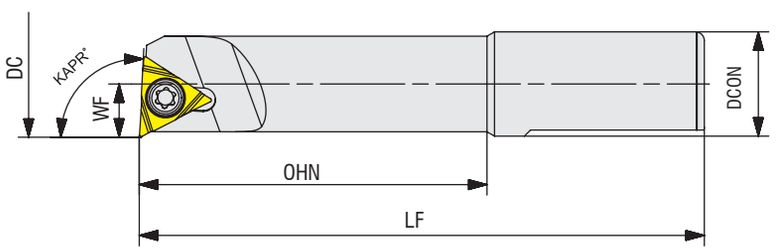

| **Takım Kodu** *Ordering Code* *Bestell-Bezeichnung* | | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Anahtar *Allen Key* *Innensechskantschlüssel* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | Ölçü Aralığı *Boring Range* *Bohrbereic* DCN-DCX | LPR | LS | DCON | DCONMS | | | |
| **ABHF-D06X30-WA25** | (figure.1) | ● | 06-30 | 45 | 56 | 25 | 55 | AAL-05-4 | | |
| **ABHF-D29X40-WA16** | (figure.2) | ● | 29-40 | 46 | 40 | 16 | 27 | AAL-01-2 | AAL-02-2.5 | |
| **ABHF-D39X54-WA20** | (figure.2) | ● | 39-54 | 55 | 50 | 20 | 36 | AAL-02-2.5 | AAL-03-3 | AAL-05-4 |
| **ABHF-D52X80-WA25** | (figure.2) | ● | 52-80 | 65 | 56 | 25 | 48 | AAL-05-4 | AAL-07-5 | |
| **ABHF-D78X170-WA32** | (figure.2) | ● | 78-170 | 77 | 60 | 32 | 72 | AAL-07-5 | AAL-08-6 | |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
Siparişte, gövde ve kartuş set olarak verilecektir. / *When ordered, body and cartridge will be sent as set.*
*Bei Bestellung werden Körper und Kassetten als Set geliefert.*

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ABHF-D06X30-WA25



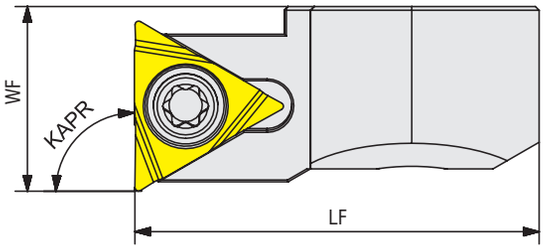

| Takım Kodu *Ordering Code* Bestell-Bezeichnung | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | WF | KAPR | LF | OHN | DCON | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| **SWLCR-D06X10-22** | ● | 6 | 3 | 95° | 47 | 22 | 12 | **WCGT 020104L** | 3006-M2x3.3 | 82-T06 |
| **SWLCR-D08X14-30** | ● | 8 | 4 | | 55 | 30 | | | | |



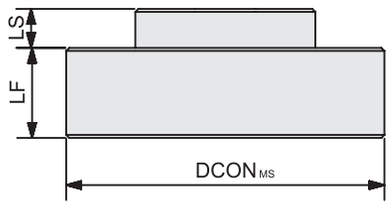

| Takım Kodu *Ordering Code* Bestell-Bezeichnung | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | WF | KAPR | LF | OHN | DCON | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| **STUPR-D12X18-40** | ● | 12 | 6 | 93° | 65 | 40 | 12 | **TPGX 090202L** | 4008-M2.5x4.5 | 82-T08 |
| **STUPR-D16X22-40** | ● | 16 | 8 | | | | | | 4008-M2.5x6 | |
| **STUPR-D20X26-40** | ● | 20 | 10 | | | | | | | |
| **STUPR-D24X30-50** | ● | 24 | 12 | | 75 | 50 | | | | |

● Stokta / In Stock */Auf Lager* ○ Stokta Yok / Non Stock Item */Kein Lagerartikel, Lieferzeit auf Anfrage*
Siparişte, gövde ve kartuş set olarak verilecektir. / *When ordered, body and cartridge will be sent as set.*
*Bei Bestellung werden Körper und Kassetten als Set geliefert.*

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück SWLCR-D06X10-22




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|
| | | WF | KAPR | LF | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| **STFPR-D29x35** | ● | 10 | 90° | 21.90 | **TPGX 090202L** | 4008-M2.5x6 | 82-T08 |
| **STFPR-D34x40** | ● | 12.50 | | 21.90 | | | |
| **STFPR-D39x47** | ● | 12 | | 26.90 | | | |
| **STFPR-D46x54** | ● | 15.50 | | 26.90 | | | |
| **STFPR-D52x68** | ● | 14 | | 34.90 | | | |
| **STFPR-D64x80** | ● | 20 | | 34.90 | | | |
| **STFPR-D78x98** | ● | 20 | | 44.90 | | | |
| **STFPR-D96x116** | ● | 29 | | 44.90 | | | |

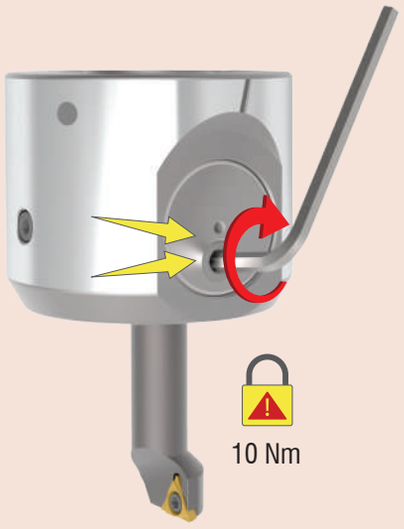



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Dimensioni (mm) *Dimension (mm)* *Abmessung (mm)* | | |
|---|---|---|---|---|
| | | DCON | LF | LS |
| **AEA-114x134** | ● | 31.80 | 12.90 | 9 |
| **AEA-132x152** | ● | 31.80 | 21.90 | 18 |

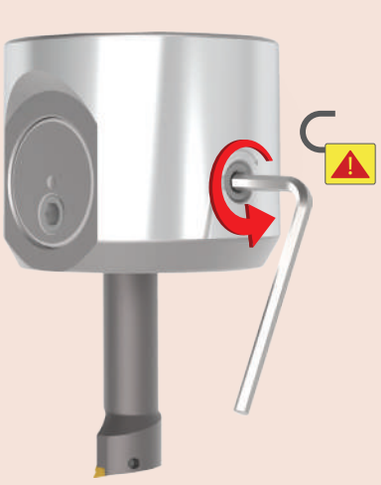
● *Stokta / In Stock / Auf Lager* ○ *Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage*
Siparişte, gövde ve kartuş set olarak verilecektir. / *When ordered, body and cartridge will be sent as set.*
*Bei Bestellung werden Körper und Kassetten als Set geliefert.*

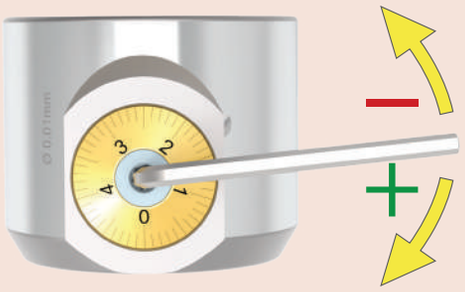
Sipariş Örneği/Ordering Example/Bestellbeispiel
1 ad./pcs./stück STFPR-D29x35

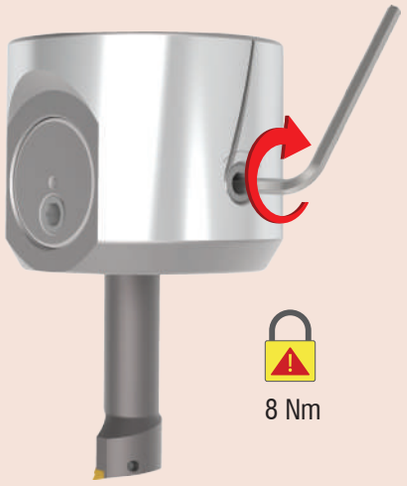
## Kartuşların Montajı / Assembling Boring Bar / Kartuschen Montaje




## Çap Ayarı / Diameter Adjustment / Umfangeinstellung

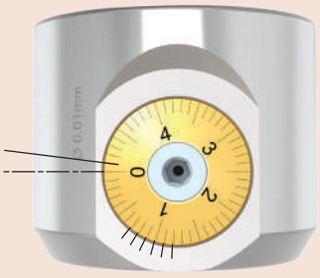




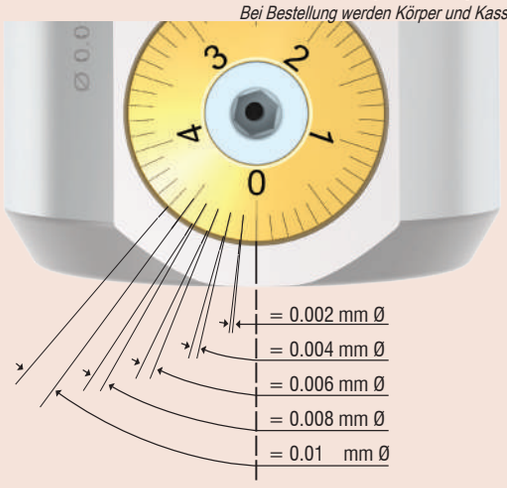


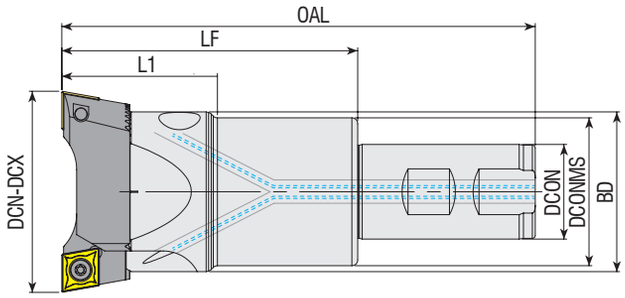

## Ölçek / Scale - Vernier / Messaparat

Siparişte, gövde ve kartuş set olarak verilecektir.
*When ordered, body and cartridge will be sent as set.*
*Bei Bestellung werden Körper und Kassetten als Set geliefert.*

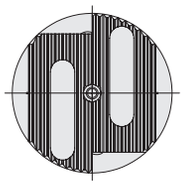


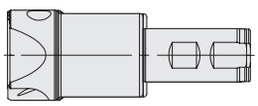
= 0,01 mm Ø






DIN 1835



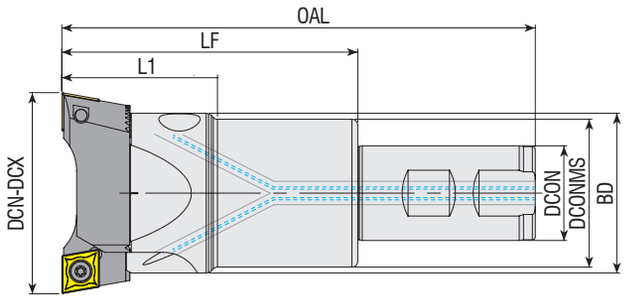
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kartuş *Cartridge* *Kurzdrehhalter* | Bara Gövde Takım Kodu *Boring Head Body Code* *Trägerwerkzeug-Bezeichnung* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Ölçü Aralığı *Boring Range* *Durchmesser* DCN-DCX | DCON | DCONMS | BD | OAL | LF | L1 | |  |
| ABHR-D18x22-W16-L90-CC06 | ● | 18-22 | 16 | - | - | 90 | 42 | - | AK.. 18-22 | ABHRS-D16x42-W16-L90 |
| ABHR-D18x22-W16-L150-CC06 | ● | 18-22 | 16 | - | - | 150 | 102 | - | | ABHRS-D16x102-W16-L150 |
| ABHR-D18x22-W16-L200-CC06 | ● | 18-22 | 16 | - | - | 200 | 152 | - | | ABHRS-D16x152-W16-L200 |
| ABHR-D22x28-W20-L100-CC06 | ● | 22-28 | 20 | - | - | 100 | 50 | - | AK.. 22-28 | ABHRS-D20x50-W20-L100 |
| ABHR-D22x28-W20-L150-CC06 | ● | 22-28 | 20 | - | - | 150 | 100 | - | | ABHRS-D20x100-W20-L150 |
| ABHR-D22x28-W20-L200-CC06 | ● | 22-28 | 20 | - | - | 200 | 150 | - | | ABHRS-D20x150-W20-L200 |
| ABHR-D28x38-W20-L110-CC06 | ● | 28-38 | 20 | 25 | - | 110 | 60 | - | AK.. 28-38 | ABHRS-D25x60-W20-L110 |
| ABHR-D28x38-W20-L160-CC06 | ● | 28-38 | 20 | 25 | - | 160 | 110 | - | | ABHRS-D25x110-W20-L160 |
| ABHR-D28x38-W20-L230-CC06 | ● | 28-38 | 20 | 25 | - | 230 | 180 | - | | ABHRS-D25x180-W20-L230 |
| ABHR-D36x50-W25-L120-CC06 | ● | 36-50 | 25 | 32 | - | 120 | 64 | - | AK.. 36-50 | ABHRS-D32X64-W25-L120 |
| ABHR-D36x50-W25-L170-CC06 | ● | 36-50 | 25 | 32 | - | 170 | 114 | - | | ABHRS-D32X114-W25-L170 |
| ABHR-D36x50-W25-L250-CC06 | ● | 36-50 | 25 | 32 | - | 250 | 194 | - | | ABHRS-D32X194-W25-L250 |
| ABHR-D36x50-W25-L120-CC09 | ● | 36-50 | 25 | 32 | - | 120 | 64 | - | AK.. 36-50-09 | ABHRS-D32X64-W25-L120 |
| ABHR-D36x50-W25-L170-CC09 | ● | 36-50 | 25 | 32 | - | 170 | 114 | - | | ABHRS-D32X114-W25-L170 |
| ABHR-D36x50-W25-L250-CC09 | ● | 36-50 | 25 | 32 | - | 250 | 194 | - | | ABHRS-D32X194-W25-L250 |
| ABHR-D50x68-W32-L140-CC09 | ● | 50-68 | 32 | 40 | - | 140 | 80 | - | AK.. 50-68 | ABHRS-D40x80-W32-L140 |
| ABHR-D50x68-W32-L200-CC09 | ● | 50-68 | 32 | 40 | - | 200 | 140 | - | | ABHRS-D40x140-W32-L200 |
| ABHR-D50x68-W32-L280-CC09 | ● | 50-68 | 32 | 40 | - | 280 | 220 | - | | ABHRS-D40x220-W32-L280 |
| ABHR-D50x68-W32-L140-CC12 | ● | 50-68 | 32 | 40 | - | 140 | 80 | - | AK.. 50-68-12 | ABHRS-D40x80-W32-L140 |
| ABHR-D50x68-W32-L200-CC12 | ● | 50-68 | 32 | 40 | - | 200 | 140 | - | | ABHRS-D40x140-W32-L200 |
| ABHR-D50x68-W32-L280-CC12 | ● | 50-68 | 32 | 40 | - | 280 | 220 | - | | ABHRS-D40x220-W32-L280 |
| ABHR-D68x90-W32-L160-CC12 | ● | 68-90 | 32 | 50 | 54 | 160 | 100 | 50 | AK.. 68-90 | ABHRS-D50x100-W32-L160 |
| ABHR-D68x90-W32-L210-CC12 | ● | 68-90 | 32 | 50 | 54 | 210 | 150 | 50 | | ABHRS-D50x150-W32-L210 |
| ABHR-D68x90-W32-L280-CC12 | ● | 68-90 | 32 | 50 | 54 | 280 | 220 | 50 | | ABHRS-D50x220-W32-L280 |
| ABHR-D90x120-W32-L140-CC12 | ● | 90-120 | 32 | 63 | 72 | 140 | 80 | 63 | AK.. 90-120 | ABHRS-D63x80-W32-L140 |
| ABHR-D90x120-W40-L200-CC12 | ● | 90-120 | 40 | 63 | 72 | 200 | 130 | 63 | | ABHRS-D63x130-W40-L200 |
| ABHR-D90x120-W40-L300-CC12 | ● | 90-120 | 40 | 63 | 72 | 300 | 230 | 63 | | ABHRS-D63x230-W40-L300 |
| ABHR-D120x160-W40-L210-CC12 | ● | 120-160 | 40 | 80 | 95 | 210 | 140 | 75 | AK.. 120-160 | ABHRS-D80x140-W40-L210 |
| ABHR-D120x160-W40-L300-CC12 | ● | 120-160 | 40 | 80 | 95 | 300 | 230 | 75 | | ABHRS-D80x230-W40-L300 |
| ABHR-D160x200-W40-L210-B-CC12 | ● | 160-200 | 40 | 80 | 95 | 210 | 140 | 75 | AK.. 160-200 | ABHRS-D80x140-W40-L210 |
| ABHR-D160x200-W40-L300-B-CC12 | ● | 160-200 | 40 | 80 | 95 | 300 | 230 | 75 | | ABHRS-D80x230-W40-L300 |

R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*

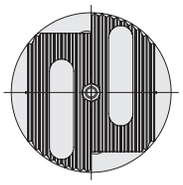
● Stokta / In Stock / *Auf Lager*  ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

Kaba bara setlerimiz -SR, -CR ve -SC kartuşlardan oluşmaktadır. Siparişinizle birlikte talep edilen kartuş detayını satış temsilcisi ile paylaşmanızı rica ederiz. / *Our rough boring sets consist of -SR, -CR, and -SC cartridges. Please share the requested cartridge details with your sales representative along with your order.* / *Unsere Schruppbohrsätze bestehen aus -SR-, -CR- und -SC-Einsätzen. Bitte teilen Sie Ihrem Vertriebsmitarbeiter die gewünschten Einsätze bei Ihrer Bestellung mit.*

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ABHR-D28x38-W20-L110-CC06-SR




DIN 1835

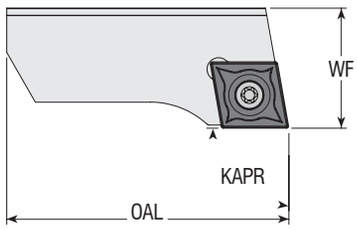


| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Montaj Vidası *Mounting Screw* *Befestigungsschraube* | Montaj Vida Anahtarı *Mounting Screw Key* *Innensechskantschlüssel für Befes.* | Pabuç *Clamp* *Spannspratze* | Ayar Vidası *Adjusting Screw* *Einstellschraube* | Ayar Vida Anahtarı *Allen Key* *Innensechskant-Schlüssel* |
| | | Ölçü Aralığı *Boring Range* *Durchmesser* DCN-DCX | DCON | DCONMS | BD | OAL | LF | L1 | | | | | |
| ABHRS-D16x42-W16-L90 | ● | 18-22 | 16 | - | - | 90 | 42 | - | | | | | |
| ABHRS-D16x102-W16-L150 | ● | 18-22 | 16 | - | - | 150 | 102 | - | 2525-M3x14 | AAL-02-2.5 | ABKS-D16 | 2715-M3x4 | |
| ABHRS-D16x152-W16-L200 | ● | 18-22 | 16 | - | - | 200 | 152 | - | | | | | |
| ABHRS-D20x50-W20-L100 | ● | 22-28 | 20 | - | - | 100 | 50 | - | | | | | |
| ABHRS-D20x100-W20-L150 | ● | 22-28 | 20 | - | - | 150 | 100 | - | 2503-M4x15 | AAL-03-3 | ABKS-D20 | 2715-M3x5 | AAL-09-1.5 |
| ABHRS-D20x150-W20-L200 | ● | 22-28 | 20 | - | - | 200 | 150 | - | | | | | |
| ABHRS-D25x60-W20-L110 | ● | 28-38 | 20 | 25 | - | 110 | 60 | - | | | | | |
| ABHRS-D25x110-W20-L160 | ● | 28-38 | 20 | 25 | - | 160 | 110 | - | 2503-M4x20 | AAL-03-3 | ABKS-D25 | 2715-M3x8 | |
| ABHRS-D25x180-W20-L230 | ● | 28-38 | 20 | 25 | - | 230 | 180 | - | | | | | |
| ABHRS-D32X64-W25-L120 | ● | 36-50 | 25 | 32 | - | 120 | 64 | - | | | | | |
| ABHRS-D32X114-W25-L170 | ● | 36-50 | 25 | 32 | - | 170 | 114 | - | 2504-M5x25 | AAL-05-4 | ABKS-D32 | 2702-M4x12 | AAL-01-2 |
| ABHRS-D32X194-W25-L250 | ● | 36-50 | 25 | 32 | - | 250 | 194 | - | | | | | |
| ABHRS-D40x80-W32-L140 | ● | 50-68 | 32 | 40 | - | 140 | 80 | - | | | | | |
| ABHRS-D40x140-W32-L200 | ● | 50-68 | 32 | 40 | - | 200 | 140 | - | 2505-M6x30 | AAL-07-5 | ABKS-D40 | 2725-M5x16 | |
| ABHRS-D40x220-W32-L280 | ● | 50-68 | 32 | 40 | - | 280 | 220 | - | | | | | AAL-02-2.5 |
| ABHRS-D50x100-W32-L160 | ● | 68-90 | 32 | 50 | 54 | 160 | 100 | 50 | | | | | |
| ABHRS-D50x150-W32-L210 | ● | 68-90 | 32 | 50 | 54 | 210 | 150 | 50 | 2506-M8x35 | AAL-08-6 | ABKS-D50 | 2725-M5x12 | |
| ABHRS-D50x220-W32-L280 | ● | 68-90 | 32 | 50 | 54 | 280 | 220 | 50 | | | | | |
| ABHRS-D63x80-W32-L140 | ● | 90-120 | 32 | 63 | 72 | 140 | 80 | 63 | | | | | |
| ABHRS-D63x130-W40-L200 | ● | 90-120 | 40 | 63 | 72 | 200 | 130 | 63 | 2508-M10x40 | AAL-11-8 | ABKS-D63 | 2703-M6x16 | AAL-03-3 |
| ABHRS-D63x230-W40-L300 | ● | 90-120 | 40 | 63 | 72 | 300 | 230 | 63 | | | | | |
| ABHRS-D80x140-W40-L210 | ● | 120-160 | 40 | 80 | 95 | 210 | 140 | 75 | | | | | |
| ABHRS-D80x230-W40-L300 | ● | 120-160 | 40 | 80 | 95 | 300 | 230 | 75 | 2510-M12x40 | AAL-12-10 | ABKS-D80 | 2704-M8x25 | AAL-05-4 |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

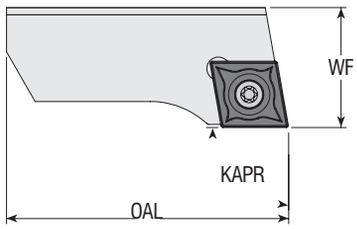
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ABHRS-D16x42-W16-L90

**KAPR=90°**




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|
| | | Ölçü Aralığı *Boring Range* | WF | OAL | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| **AKSR 18-22** | ● | 18-22 | 9 | 15 | **CC.T 0602..** | 4008-M2.5x6 | 82-T08 |
| **AKSR 22-28** | ● | 22-28 | 10 | 19 | | | |
| **AKSR 28-38** | ● | 28-38 | 13 | 23 | | | |
| **AKSR 36-50** | ● | 36-50 | 16 | 32 | | | |
| **AKSR 36-50-09** | ● | 36-50 | 16 | 32 | **CC.T 09T3..** | 4015-M3.5x8 | 80-T15 |
| **AKSR 50-68** | ● | 50-68 | 20 | 40 | | | |
| **AKSR 50-68-12** | ● | 50-68 | 20 | 40 | **CC.T 1204..** | 1020-M5x11 | 80-T20 |
| **AKSR 68-90** | ● | 68-90 | 23 | 54 | | | |
| **AKSR 90-120** | ● | 90-120 | 28 | 70 | | | |
| **AKSR 120-160** | ● | 120-160 | 32 | 95 | | | |
| **AKSR 160-200** | ● | 160-200 | 32 | 120 | | | |

**KAPR=90°**

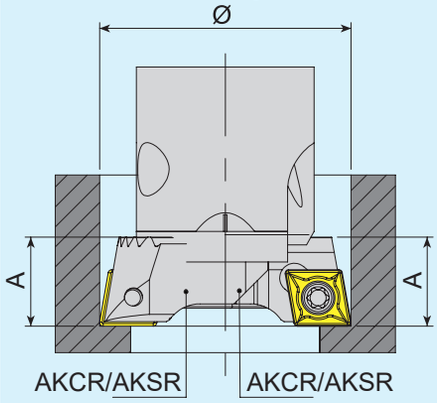



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|
| | | Ölçü Aralığı *Boring Range* | WF | OAL | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| **AKCR 28-38** | ● | 28-38 | 12.8 | 23 | **CC.T 0602..** | 4008-M2.5x6 | 82-T08 |
| **AKCR 36-50** | ● | 36-50 | 15.8 | 32 | | | |
| **AKCR 36-50-09** | ● | 36-50 | 15.8 | 32 | **CC.T 09T3..** | 4015-M3.5x8 | 80-T15 |
| **AKCR 50-68** | ● | 50-68 | 19.7 | 40 | | | |
| **AKCR 50-68-12** | ● | 50-68 | 19.7 | 40 | **CC.T 1204..** | 1020-M5x11 | 80-T20 |
| **AKCR 68-90** | ● | 68-90 | 22.7 | 54 | | | |
| **AKCR 90-120** | ● | 90-120 | 27.7 | 70 | | | |
| **AKCR 120-160** | ● | 120-160 | 31.7 | 95 | | | |
| **AKCR 160-200** | ● | 160-200 | 31.7 | 120 | | | |

R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager*  ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**ISO** Ucuna Uygundur. / Compatible with **ISO** Insert. / Kompatibel mit **ISO** Wendeplatten.

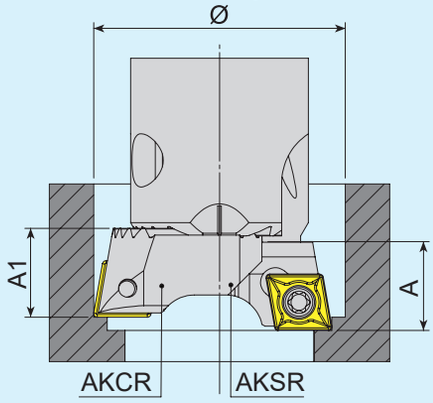
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AKSR 18-22

ŞEKİL:A
Figure:A
Abbildung A



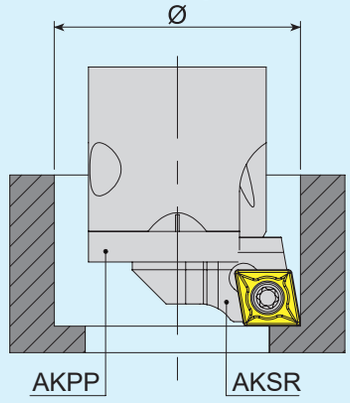

Yüksek ilerleme ile kaba baralama
*Rough boring with high feed*
*Schruppen mit hoher Vorschubgeschwindigkeit*

ŞEKİL:B
Figure:B
Abbildung B




Yüksek kesme derinliği ile kaba baralama
*Rough boring with high depth of cut*
*Für tiefe Schruppbearbeitung*

ŞEKİL:C
Figure:C
Abbildung C




Hafif kaba baralama veya
yarı hassas uygulamalar
*Fine rough boring or semi-finishing applications*
*Spindelbearbeitung mit geringem Außmaß*

1. Kaba bara set kodlarında yer alan -SR kısaltması iki adet AKSR kartuşunun takılı olduğunu, -CR kısaltması iki adet AKCR kartuşunun takılı olduğunu, -SC bir adet AKSR bir adet AKCR kartuşunun takılı olduğunu gösterir.
2. Kesici kenarların radyal ayarı, takım ölçme ekipmanıyla yapılmalıdır.
3. İki uçlu baralama takımı, ağır talaş kaldırma işlemini içeren kaba baralama işlemleri içindir.
Çift uçlu baralama takımı ile:
• Yüksek ilerleme oranında kaba baralama işlemeleri için, aynı düzlemdeki iki AKSR kartuşu, aynı radyal mesafeye ayarlanır. (Şekil A) -SR ve -CR kartuşlu setler hızlı ilerlemeli operasyonlar içindir.
• Aynı düzlemde olmayan bir AKCR kartuşu ve bir AKSR kartuşu yüksek derinlikte kaba baralama işlemleri için kullanılır. (Şekil B) -SC kartuşlu setler ağır talaş kaldırma operasyonlar içindir.
i. Kaba baralama işleminde, alınacak paso miktarı tam olarak ikiye bölünüp, düzgün bir kesim sağlanmış olur, ancak bu durumda tur başına ilerleme tek ağız olarak hesaplanmalıdır. (f=f1)
ii. Hassas baralama işleminde, alınacak paso miktarı AKSR kartuş için ara kaba olarak ve AKCR kartuş için hassas bara olarak çaplar ayarlanır ve bu sayede bazı ara kaba işlemine ihtiyaç kalmaz.
4. Tek kartuşlu baralama takımları, normal talaş kaldırma işlemini içeren kaba ve hassas baralama işlemleri içindir. Dişleri koruma plakası, AKPP daima kullanılmalıdır. (Şekil C)

1.The -SR in the rough boring set codes indicates that two AKSR cartridges are installed, the -CR indicates that two AKCR cartridges are installed, -SC indicates that one AKSR and one AKCR cartridge are installed.
2. Radial setting of the cutting edges should be carried out with tool presetting equipment.
3. Boring bars fitted with two insert pockets are for roughing operations invloving heavy chip removal.
The double-insert boring bars include:
• Two AKSR cartridges on the same plane with two cutting edges set at identical radial distance for high feed rate roughing operations. (fig. A) Sets with -SR and -CR cartridges are for high feed operations.
• An AKCR cartridge and an AKSR cartridge not on the same plane for high-debth roughing operations. (fig. B) -SC cartridge sets are for heavy chip removal operations.
i. With the rough boring operation, this allows double the cutting width, using only a single feed rate. ( f=f1 )
ii. With the finish boring operation, the cutting width is divided so that some of the intermediate machining can be omitted.
4. Boring bars fitted with a single cartridge are for roughing and finishing operations involving normal chip removal. The serrated surface protection plate AKPP should always be used (fig. C)

*1. Das -SR in den Codes des Schruppbohrsatzes zeigt an, dass zwei AKSR-Patronen installiert sind, das -CR zeigt an, dass zwei AKCR-Patronen installiert sind, und -SC zeigt an, dass eine AKSR- und eine AKCR-Patrone installiert sind.*
*2. Die radiale Einstellung der Schneiden sollte auf einem Voreinstellgerät durchgeführt werden.*
*3. Spindelköpfe, die mit 2 Kassetten bestückt sind, werden für die Schruppbearbeitung eingesetzt.*
*Doppelte Kassetten beinhalten:*
*• Für die Schruppbearbeitung mit hoher Vorschubgeschwindigkeit sind zwei AKSR-Kassetten in derselben Höhe auf denselben radialen Abstand einzustellen ( Abbildung A ) Sets mit -SR- und -CR-Kartuschen sind für Hochvorschuboperationen vorgesehen.*
*• Eine AKCR-Kassette und eine AKSR-Kassette, die nicht in derselben Ebene liegen, werden für tiefe Schruppbearbeitungen eingesetzt. -SC-Kartuschensätze sind für schwere Spanabnahmearbeiten geeignet.*
*i. Bei einer Schruppbearbeitung kann die Schnitttiefe verdoppelt werden. Bitte nur eine Schneide zur Vorschubberechnung verwenden (f=f1).*
*ii. Bei der Schlichtbearbeitung wird die Schnitttiefe halbiert. Weitere zusätzliche Bearbeitungsdurchgänge werden überflüssig.*
*4. Bohrköpfe mit einer einzelnen Kassette können sowohl für Schlicht- als auch für Schrupp-Operationen eingesetzt werden. Voraussetzung hierfür ist eine gute Spanabfuhr. Zum Schutz der verzahnten Oberfläche des Bohrkörpers sollte immer die Abdeckung AKPP verwendet werden (siehe Abb.C).*

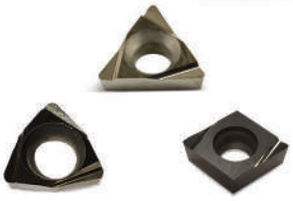
AKKO®

yeni new

# AYARLI HASSAS DELİK İŞLEME BARALARI

# ADJUSTABLE FINISH BORING HEADS

# EINSTELLBARE BOHRKÖPFE



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# FREZELEME TAKIMLARI
## *MILLING TOOLS*
## *FRÄSWERKZEUGE*

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| AKKO | | | | | | | |
|---|---|---|---|---|---|---|---|
| A | EM | 90 | L | - | A | P | 10 |
| 1 | 2 | 3 | 4 | | 5 | 6 | 7 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| D12 | - | W16 | - | L100 | - | Z01 | - | H | |
| 8 | | 9 | | 10 | | 11 | | 12 | |

## 2 Kesiş Stili / *Cutter Style* / *Fräswerkzeug-Typ*

FM: Yüzey Frezeleme Takımları / Face Milling Tools / *Eck-und Planfräsköpfe*
EM: Alın ve Yüzey Parmak Frezeleri / End Face Milling Tools / *Schaftfräser*
CM: Pah Kırma Parmak Frezeleri / Chamfering End Milling Tools / *Fasfräser*
HM: Helis Parmak Frezeleri / Helix End Milling Tools / *Schaftfräser Helix*
TSM: T Kanal Frezeleri / T Slot Milling Tools / *T-Nutenfräser*
HFM: Yüksek İlerleme Frezeleme Takımları / High Feed Milling Tools / *Fräser für hohe Vorschübe*
PMR: Küresel Uçlu Parmak Frezeleri / Ball Nose End Milling Tools / *Kugel und Kopierfräser*
SDM: Disk Frezeler / Slot Disc Milling / *Scheibenfräser*
CBM: Silindrik Alyan Başlı Vida Havşalarını Açma Frezeleri / Countersink Milling Tool for Cylindrical Allen Head Screws
*Fräswerkzeug für zylindrische Inbusschrauben*

## 3 Freze Yanaşma Açısı / *Lead Angle* / *Anstellwinkel*

90° - 75° - 60° - 45°
20° - 15° - 11° - 5° - 0°

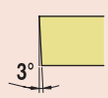
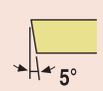
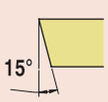
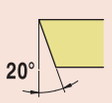
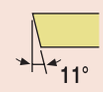
## 4 Freze Yanaşma Açısı / *Lead Angle* / *Ausführung*

L: Sol - Left / Links
C: Baskı Pabucu - Clamp / Spannpratze
S: Altlık - Shim / Unterlage
CL: Baskı Pabuçlu Sol Yön - Left Way with Clamp
Spannspratze links
CS: Baskı Pabuçlu Altlıklı - Clamp with Shim
Spannspratze mit Unterlage
CSL: Baskı Pabuçlu Altlıklı Sol Yön - Left Way Clamp with Shim
Spannspratze mit Unterlage Links

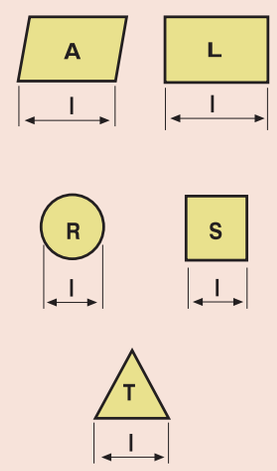
## 5 Uç Tipi / *Type of Insert* / *Plattenform*

| | | | |
|---|---|---|---|
| | | | |
| C | D | E | K |
| | | | |
| L | R | S | T |
| | | | |
| V | W | A | B |
| | | | |
| H | M | O | P |

## 6 Serbest Uç Açısı / *Clearange angle of Insert* *Freiwinkel der Wendeschneidplatte*

| | | |
|---|---|---|
|  |  | |
| A | B | C |
|  |  | |
| D | E | F |
| | |  |
| G | N | P |

## 7 Kesme Kenar Uzunluğu *Cutting Edge Length* *Länge der Schneidkante*




## 8 Takım Çapı / *Tool Diameter* / *Werkzeug-ø*

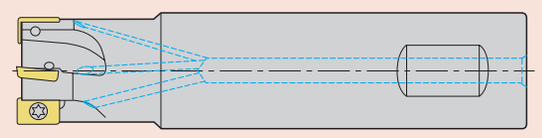
## 9 Montaj Formu ve Çapı / *Asembly Form and Diameter* / *Schaft-ø und Form*

A,B,C,D: ISO'ya göre montaj formu / *Asembly Form and Diameter* / *Art der Montage und Durchmesser*
Silindirik Şaft / *Cylindrical Shank* / *Zylindrischer Schaft*
W: Weldon

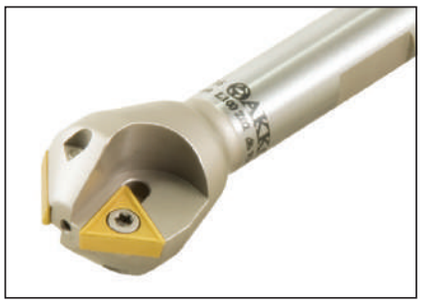
## 10 Takım Boyu / *Tool Length* / *Werkzeug Länge*

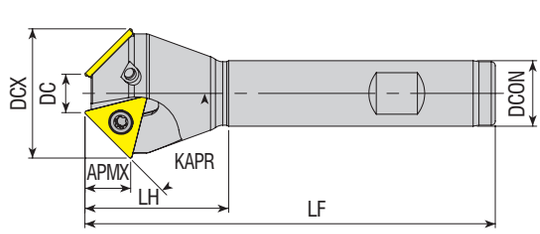
## 11 Etkili Diş Adedi / *Number of Effective Tooth* / *Effektive Zähnezahl*

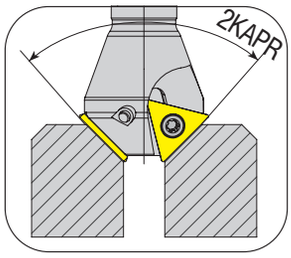
## 12 İçten Soğutmalı / *With Coolant Hole* / *Innenkühlung*



**ISO** Ucuna Uygundur. / Compatible with **ISO** Insert. / Kompatibel mit **ISO** Wendeplatten.





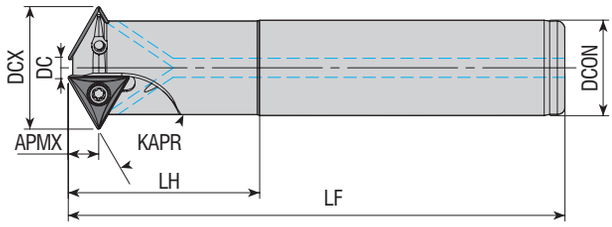




| **Takım Kodu** *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | KAPR | DC | DCX | DCON | LF | LH | ZEFP | APMX | | | |
| ACM10-TC16-D17X22-W16-L90-Z01 | ● | 10° | 17 | 22 | 16 | 90 | 30 | 1 | 15.2 | | | |
| ACM15-TC16-D17X24-W16-L90-Z01 | ● | 15° | 17 | 24 | 16 | 90 | 30 | 1 | 14.9 | | | |
| ACM15-TC16-D22X29-W16-L100-Z01 | ● | 15° | 22 | 29 | 16 | 100 | 30 | 1 | 14.9 | | | |
| ACM15-TC16-D30X37-W20-L100-Z02 | ● | 15° | 30 | 37 | 20 | 100 | 35 | 2 | 14.9 | | | |
| ACM15-TC16-D35X42-W20-L100-Z03 | ● | 15° | 35 | 42 | 20 | 100 | 38 | 3 | 14.9 | | | |
| ACM15-TC16-D52X59-W25-L110-Z03 | ● | 15° | 52 | 59 | 25 | 110 | 40 | 3 | 14.9 | | | |
| ACM17.5-TC16-D17X25-W16-L90-Z01 | ● | 17.5° | 17 | 25 | 16 | 90 | 30 | 1 | 14.7 | | | |
| ACM18.5-TC16-D21.3X30-W20-L100-Z02 | ● | 18.5° | 21.3 | 30 | 20 | 100 | 30 | 2 | 13.5 | | | |
| ACM19.5-TC16-D17X27-W16-L100-Z01 | ● | 19.5° | 17 | 27 | 16 | 100 | 30 | 1 | 14.5 | | | |
| ACM20-TC16-D12X22-W16-L100-Z01 | ● | 20° | 12 | 22 | 16 | 100 | 30 | 1 | 14.4 | **TC.T 16T304** | | |
| ACM20-TC16-D17X27-W16-L100-Z01 | ● | 20° | 17 | 27 | 16 | 100 | 30 | 1 | 14.4 | | | |
| ACM20-TC16-D23X33-W20-L100-Z02 | ● | 20° | 23 | 33 | 20 | 100 | 30 | 2 | 14.4 | | | |
| ACM20-TC16-D28X38-W20-L100-Z02 | ● | 20° | 28 | 38 | 20 | 100 | 35 | 2 | 14.4 | | | |
| ACM20-TC16-D35X45-W20-L100-Z03 | ● | 20° | 35 | 45 | 20 | 100 | 40 | 3 | 14.4 | | 4015-M3.5x9 | 80-T15 |
| ACM20-TC16-D39X49-W20-L100-Z03 | ● | 20° | 39 | 49 | 20 | 100 | 40 | 3 | 14.4 | | | |
| ACM20-TC16-D45X55-W25-L110-Z03 | ● | 20° | 45 | 55 | 25 | 110 | 40 | 3 | 14.4 | | | |
| ACM20-TC16-D51X61-W25-L110-Z03 | ● | 20° | 51 | 61 | 25 | 110 | 40 | 3 | 14.4 | | | |
| ACM22.5-TC16-D17X28-W16-L100-Z01 | ● | 22.5° | 17 | 28 | 16 | 100 | 30 | 1 | 14.2 | | | |
| ACM25-TC16-D17X29-W16-L100-Z01 | ● | 25° | 17 | 29 | 16 | 100 | 30 | 1 | 13.9 | | | |
| ACM30-TC16-D6X20-W16-L100-Z01 | ● | 30° | 6 | 20 | 16 | 100 | 30 | 1 | 13.3 | | | |
| ACM30-TC16-D15X30-W16-L100-Z01 | ● | 30° | 15 | 30 | 16 | 100 | 30 | 1 | 13.3 | | | |
| ACM30-TC16-D17.5X32.5-W20-L100-Z02 | ● | 30° | 17.5 | 32.5 | 20 | 100 | 30 | 2 | 13.3 | | | |
| ACM30-TC16-D20X35-W16-L100-Z02 | ● | 30° | 20 | 35 | 16 | 100 | 35 | 2 | 13.3 | | | |
| ACM30-TC16-D30X45-W20-L100-Z02 | ● | 30° | 30 | 45 | 20 | 100 | 40 | 2 | 13.3 | | | |
| ACM30-TC16-D35X50-W20-L100-Z03 | ● | 30° | 35 | 50 | 20 | 100 | 40 | 3 | 13.3 | | | |
| ACM30-TC16-D45X60-W25-L110-Z03 | ● | 30° | 45 | 60 | 25 | 110 | 40 | 3 | 13.3 | | | |
| ACM40-TC16-D18x37-W20-L100-Z02 | ● | 40° | 18 | 37 | 20 | 100 | 40 | 2 | 11.7 | | | |
| ACM45-TC09-D7X18-W16-L100-Z02 | ● | 45° | 7 | 18 | 16 | 100 | 25 | 2 | 5.9 | **TC.T 090204** | 3007-M2.2x4.6 | 82-T07 |
| ACM45-TC11-D8X21.5-W16-L90-Z02 | ○ | 45° | 8 | 21.5 | 16 | 90 | 20 | 2 | 6.9 | **TC.T 110204** | 3008-M2.5x6 | 82-T08 |
| ACM45-TC11-D11X24-W16-L100-Z02 | ● | 45° | 11 | 24 | 16 | 100 | 25 | 2 | 6.9 | | | |
| ACM45-TC16-D5X26-W16-L100-Z01 | ● | 45° | 5 | 26 | 16 | 100 | 30 | 1 | 10.8 | | | |
| ACM45-TC16-D10X31-W16-L100-Z02 | ● | 45° | 10 | 31 | 16 | 100 | 35 | 2 | 10.8 | | | |
| ACM45-TC16-D10X31-W20-L100-Z02 | ● | 45° | 10 | 31 | 20 | 100 | 35 | 2 | 10.8 | | | |
| ACM45-TC16-D14X35-W20-L100-Z02 | ● | 45° | 14 | 35 | 20 | 100 | 35 | 2 | 10.8 | | | |
| ACM45-TC16-D18X39-W16-L100-Z02 | ● | 45° | 18 | 39 | 16 | 100 | 40 | 2 | 10.8 | | | |
| ACM45-TC16-D18X39-W20-L100-Z02 | ● | 45° | 18 | 39 | 20 | 100 | 40 | 2 | 10.8 | **TC.T 16T304** | 4015-M3.5x9 | 80-T15 |
| ACM45-TC16-D20X41-W20-L100-Z02 | ● | 45° | 20 | 41 | 20 | 100 | 40 | 2 | 10.8 | | | |
| ACM45-TC16-D30X51-W20-L100-Z02 | ● | 45° | 30 | 51 | 20 | 100 | 40 | 2 | 10.8 | | | |
| ACM50-TC16-D16X39-W20-L100-Z03 | ● | 50° | 16 | 39 | 20 | 100 | 40 | 3 | 9.8 | | | |
| ACM55-TC16-D16X40-W20-L100-Z03 | ● | 55° | 16 | 40 | 20 | 100 | 40 | 3 | 8.7 | | | |
| ACM62-TC16-D14X40-W20-L100-Z03 | ● | 62° | 14 | 40 | 20 | 100 | 40 | 3 | 7.1 | | | |
| ACM72-TC16-D14X42-W20-L100-Z03 | ● | 72° | 14 | 42 | 20 | 100 | 40 | 3 | 4.6 | | | |

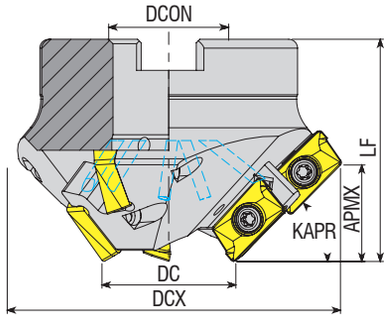
R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager*  ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**ISO** Ucuna Uygundur. / Compatible with **ISO** Insert. / Kompatibel mit **ISO** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ACM10-TC16-D17X22-W16-L90-Z01
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*

**ISO** Ucuna Uygundur. / Compatible with **ISO** Insert. / Kompatibel mit **ISO** Wendeplatten.




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | KAPR | DCX | DCON | DC | LF | LH | ZEFP | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| **ATM60-TB0601-D13-C10-L150-Z02-H** | ● | 60 | 13 | 10 | 2.5 | 150 | 40 | 2 | 3.3 | **TBGT 060102** | 3006-M2x4 | 82-T06 |
| **ATM60-TC0902-D20.5-C16-L150-Z02-H** | ● | 60 | 20.5 | 16 | 5.2 | 150 | 40 | 2 | 4.7 | **TC.T 090202** | 3007-M2.2x4.6 | 82-T07 |
| **ATM60-TC1102-D26-C20-L150-Z03-H** | ● | 60 | 26 | 20 | 8.3 | 150 | 50 | 3 | 5.4 | **TC.T 110202** | 3008-M2.5x6 | 82-T08 |
| **ATM60-TC16T3-D32-C25-L150-Z02-H** | ● | 60 | 32 | 25 | 6.4 | 150 | 50 | 2 | 8 | **TC.T 16T304** | 4015-M3.5x9 | 80-T15 |
| **ATM60-TC16T3-D40-C32-L250-Z03-H** | ● | 60 | 40 | 32 | 13.7 | 250 | 50 | 3 | 8 | | | |




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | ZEFP | | KAPR | DC | DCX | DCON | APMX | LF | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| | | Toplam *Total* *Gesamt* | Etkili *Effective* *Effektiv* | | | | | | | | | | |
| **AHM15-AP16-D35x93-A27-Z0306-H** | ● | 6 | 3 | 15 | 35 | 93 | 27 | 31.5 | 50 | **AP.. 1604..** | 4015-M4x11 | 80-T15 | 2408-M12X35 |
| **AHM30-AP16-D35x87-A27-Z0306-H** | ● | 6 | 3 | 30 | 35 | 87 | 27 | 15 | 50 | | | | |
| **AHM45-AP16-D35x77-A27-Z0306-H** | ● | 6 | 3 | 45 | 35 | 77 | 27 | 21.5 | 50 | | | | |
| **AHM60-AP16-D35x65-A22-Z0306-H** | ● | 6 | 3 | 60 | 35 | 65 | 22 | 26.5 | 50 | | | | 2508-M10X30 |
| **AHM75-AP16-D35x50-A22-Z0306-H** | ● | 6 | 3 | 75 | 35 | 50 | 22 | 29.5 | 50 | | | | |

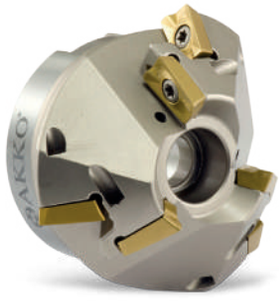
R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*

●Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

**ISO** Ucuna Uygundur. / Compatible with **ISO** Insert. / Kompatibel mit **ISO** Wendeplatten.

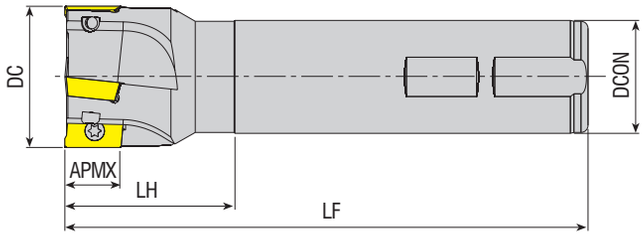
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ATM60-TB0601-D13-C10-L150-Z02-H

Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*



**ISO** Ucuna Uygundur. / Compatible with **ISO** Insert. / Kompatibel mit **ISO** Wendeplatten.

**KAPR=90°**




| Takım Kodu *Ordering Code* Bestell-Bezeichnung | Stok *Stock* Lager | Takım Ölçüleri (mm) *Dimension (mm)* Abmessung (mm) | | | | | | Kesici Uç *Insert* Wendeschneidplatte | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* Schraube | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | LH | APMX | | | |
| AEM90-AP10-D10-C10-L100-Z01 | ● | 10 | 1 | 10 | 100 | 20 | 10 | **AP.. 1003..** | 3008-M2.5x5 | 82-T08 |
| AEM90-AP10-D12-C16-L100-Z01-H | ● | 12 | 1 | 16 | 100 | 30 | 10 | | | |
| AEM90-AP10-D12-W16-L100-Z01-H | ● | 12 | 1 | 16 | 100 | 30 | 10 | | | |
| AEM90-AP10-D12-W16-L150-Z01 | ● | 12 | 1 | 16 | 150 | 38 | 10 | | | |
| AEM90-AP10-D14-W16-L100-Z01-H | ● | 14 | 1 | 16 | 100 | 30 | 10 | | | |
| AEM90-AP10-D14-W16-L150-Z01 | ● | 14 | 1 | 16 | 150 | 38 | 10 | | | |
| AEM90-AP10-D16-C16-L100-Z02-H | ● | 16 | 2 | 16 | 100 | 30 | 10 | | | |
| AEM90-AP10-D16-W16-L85-Z02-H | ● | 16 | 2 | 16 | 85 | 30 | 10 | | | |
| AEM90-AP10-D16-W16-L100-Z02-H | ● | 16 | 2 | 16 | 100 | 30 | 10 | | | |
| AEM90-AP10-D16-W16-L150-Z02-H | ● | 16 | 2 | 16 | 150 | 50 | 10 | | | |
| AEM90-AP10-D16-W16-L200-Z02 | ● | 16 | 2 | 16 | 200 | 100 | 10 | | | |
| AEM90-AP10-D16-C16-L120-Z02-H | ● | 16 | 2 | 16 | 120 | 30 | 10 | | | |
| AEM90-AP10-D16-C16-L250-Z02-H | ● | 16 | 2 | 16 | 250 | 200 | 10 | | | |
| AEM90-AP10-D16-C16-L150-Z02 | ● | 16 | 2 | 16 | 150 | 50 | 10 | | | |
| AEM90-AP10-D16-C16-L150-Z02-H | ● | 16 | 2 | 16 | 150 | 50 | 10 | | | |
| AEM90-AP10-D16-W16-L150-Z02 | ● | 16 | 2 | 16 | 150 | 50 | 10 | | | |
| AEM90-AP10-D16-C16-L200-Z02 | ● | 16 | 2 | 16 | 200 | 100 | 10 | | | |
| AEM90-AP10-D16-C16-L200-Z02-H | ● | 16 | 2 | 16 | 200 | 100 | 10 | | | |
| AEM90-AP10-D16-C16-L250-Z02 | ● | 16 | 2 | 16 | 250 | 30 | 10 | | | |
| AEM90-AP10-D17-C16-L150-Z02 | ● | 17 | 2 | 16 | 150 | 150 | 10 | | | |
| AEM90-AP10-D18-W16-L100-Z02-H | ● | 18 | 2 | 16 | 100 | 30 | 10 | | | |
| AEM90-AP10-D18-W16-L150-Z02 | ● | 18 | 2 | 16 | 150 | 30 | 10 | | | |
| AEM90-AP10-D20-C19-L180-Z02 | ● | 20 | 2 | 19 | 180 | 30 | 10 | | | |
| AEM90-AP10-D20-C20-L100-Z03-H | ● | 20 | 3 | 20 | 100 | 30 | 10 | | | |
| AEM90-AP10-D20-W20-L90-Z03-H | ● | 20 | 3 | 20 | 90 | 30 | 10 | | | |
| AEM90-AP10-D20-W20-L100-Z03-H | ● | 20 | 3 | 20 | 100 | 30 | 10 | | | |
| AEM90-AP10-D20-C20-L120-Z03-H | ● | 20 | 3 | 20 | 120 | 30 | 10 | | | |
| AEM90-AP10-D20-C20-L150-Z03 | ● | 20 | 3 | 20 | 150 | 50 | 10 | | | |
| AEM90-AP10-D20-C20-L150-Z03-H | ● | 20 | 3 | 20 | 150 | 50 | 10 | | 3008-M2.5x6 | |
| AEM90-AP10-D20-W20-L150-Z03 | ● | 20 | 3 | 20 | 150 | 50 | 10 | | | |
| AEM90-AP10-D20-C20-L200-Z02 | ● | 20 | 2 | 20 | 200 | 100 | 10 | | | |
| AEM90-AP10-D20-C20-L200-Z03-H | ● | 20 | 3 | 20 | 200 | 100 | 10 | | | |
| AEM90-AP10-D20-C20-L250-Z02 | ● | 20 | 2 | 20 | 250 | 150 | 10 | | | |
| AEM90-AP10-D20-C20-L250-Z02-H | ● | 20 | 2 | 20 | 250 | 150 | 10 | | | |
| AEM90-AP10-D20.5-C20-L90-Z03 | ● | 20.5 | 3 | 20 | 90 | 30 | 10 | | | |
| AEM90-AP10-D21-C20-L150-Z03 | ● | 21 | 3 | 20 | 200 | 35 | 10 | | | |
| AEM90-AP10-D21-C20-L200-Z03 | ● | 21 | 3 | 20 | 200 | 30 | 10 | | | |
| AEM90-AP10-D21-C20-L200-Z03-H | ● | 21 | 3 | 20 | 200 | 35 | 10 | | | |
| AEM90-AP10-D21-W20-L150-Z03 | ● | 21 | 3 | 20 | 150 | 30 | 10 | | | |
| AEM90-AP10-D22-W20-L100-Z03-H | ● | 22 | 3 | 20 | 100 | 30 | 10 | | | |
| AEM90-AP10-D22-W20-L150-Z03 | ● | 22 | 3 | 20 | 150 | 30 | 10 | | | |
| AEM90-AP10-D22.5-W20-L150-Z03 | ● | 22.5 | 3 | 20 | 150 | 30 | 10 | | | |
| AEM90-AP10-D23-W20-L150-Z03 | ● | 23 | 3 | 20 | 150 | 30 | 10 | | | |
| AEM90-AP10-D24-W20-L150-Z03 | ● | 24 | 3 | 20 | 150 | 30 | 10 | | | |
| AEM90-AP10-D25-W25-L100-Z04-H | ● | 25 | 4 | 25 | 100 | 30 | 10 | | | |
| AEM90-AP10-D25-W25-L95-Z04-H | ● | 25 | 4 | 25 | 95 | 30 | 10 | | | |
| AEM90-AP10-D25-W25-L150-Z04-H | ● | 25 | 4 | 25 | 150 | 50 | 10 | | | |

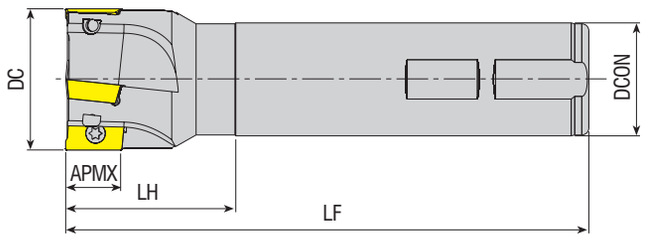
**ISO** Ucuna Uygundur. / Compatible with **ISO** Insert. / Kompatibel mit **ISO** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel* 1 ad./pcs./stück AEM90-AP10-D10-C10-L100-Z01

Kesme Hesabı : S 465/ *Cutting Calculation : P 465* / *Schnittberechnung : P 465*

**KAPR=90°**

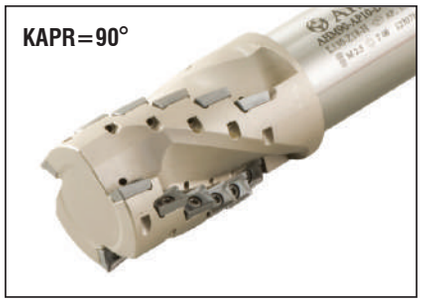
**ISO** Ucuna Uygundur. / Compatible with **ISO** Insert. / Kompatibel mit **ISO** Wendeplatten.

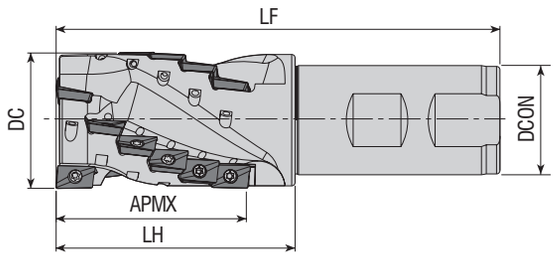



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | LH | APMX | | | |
| AEM90-AP10-D25-C25-L100-Z03-H | | 25 | 3 | 25 | 100 | 30 | 10 | | | |
| AEM90-AP10-D25-W25-L100-Z03-H | | 25 | 3 | 25 | 100 | 30 | 10 | | | |
| AEM90-AP10-D25-C25-L120-Z03-H | ● | 25 | 3 | 25 | 120 | 30 | 10 | | | |
| AEM90-AP10-D25-C25-L150-Z03 | ● | 25 | 3 | 25 | 150 | 50 | 10 | | | |
| AEM90-AP10-D25-W25-L150-Z03 | ● | 25 | 3 | 25 | 150 | 50 | 10 | | | |
| AEM90-AP10-D25-C25-L200-Z02 | ● | 25 | 2 | 25 | 200 | 100 | 10 | | | |
| AEM90-AP10-D25-C25-L200-Z03 | ● | 25 | 3 | 25 | 200 | 100 | 10 | | | |
| AEM90-AP10-D25-C25-L250-Z02 | ● | 25 | 2 | 25 | 250 | 100 | 10 | | | |
| AEM90-AP10-D26-C25-L200-Z04 | ● | 26 | 4 | 25 | 200 | 35 | 10 | **AP. 1003..** | 3008-M2.5x6 | 82-T08 |
| AEM90-AP10-D30-C25-L100-Z04-H | ● | 30 | 4 | 25 | 100 | 30 | 10 | | | |
| AEM90-AP10-D30-C25-L120-Z04-H | ● | 30 | 4 | 25 | 120 | 30 | 10 | | | |
| AEM90-AP10-D30-C25-L150-Z04 | ● | 30 | 4 | 25 | 150 | 30 | 10 | | | |
| AEM90-AP10-D32-C25-L100-Z04-H | ● | 32 | 4 | 25 | 100 | 35 | 10 | | | |
| AEM90-AP10-D32-C25-L120-Z04-H | ● | 32 | 4 | 25 | 120 | 35 | 10 | | | |
| AEM90-AP10-D32-C25-L150-Z04 | ● | 32 | 4 | 25 | 150 | 35 | 10 | | | |
| AEM90-AP10-D32-W25-L150-Z04 | ● | 32 | 4 | 25 | 150 | 35 | 10 | | | |
| AEM90-AP10-D32-C32-L120-Z04-H | ● | 32 | 4 | 32 | 120 | 35 | 10 | | | |
| AEM90-AP10-D32-C32-L170-Z04 | ● | 32 | 4 | 32 | 170 | 50 | 10 | | | |
| AEM90-AP10-D32-W25-L105-Z05-H | ● | 32 | 5 | 25 | 105 | 35 | 10 | | | |
| AEM90-AP10-D32-C32-L130-Z05 | ● | 32 | 5 | 32 | 130 | 30 | 10 | | | |
| AEM90-AP10-D32-W32-L120-Z04-H | ● | 32 | 4 | 32 | 120 | 35 | 10 | | | |
| AEM90-AP10-D32-W32-L150-Z04 | ● | 32 | 4 | 32 | 150 | 50 | 10 | | | |
| AEM90-AP10-D40-W32-L150-Z05 | ● | 40 | 5 | 32 | 150 | 40 | 10 | | | |
| AEM90-AP16-D25-C20-L100-Z02 | ● | 25 | 2 | 20 | 100 | 35 | 16 | | | |
| AEM90-AP16-D25-C20-L100-Z02-H | ● | 25 | 2 | 20 | 100 | 35 | 16 | | | |
| AEM90-AP16-D25-W25-L100-Z02-H | ● | 25 | 2 | 25 | 100 | 35 | 16 | | | |
| AEM90-AP16-D25-W25-L150-Z02 | ● | 25 | 2 | 25 | 150 | 50 | 16 | | | |
| new AEM90-AP16-D25-W25-L200-Z02 | ● | 25 | 2 | 25 | 200 | 100 | 16 | | | |
| AEM90-AP16-D25-C25-L250-Z02 | ● | 25 | 2 | 25 | 250 | 100 | 16 | | | |
| AEM90-AP16-D28-W25-L100-Z03-H | ● | 28 | 3 | 25 | 100 | 40 | 16 | | | |
| AEM90-AP16-D28-W25-L150-Z03 | ● | 28 | 3 | 25 | 150 | 40 | 16 | | | |
| AEM90-AP16-D30-W25-L110-Z03-H | ● | 30 | 3 | 25 | 110 | 40 | 16 | | | |
| AEM90-AP16-D30-W25-L150-Z02 | ● | 30 | 2 | 25 | 150 | 40 | 16 | | | |
| AEM90-AP16-D30-W25-L150-Z03 | ● | 30 | 3 | 25 | 150 | 40 | 16 | | | |
| AEM90-AP16-D32-C25-L110-Z03-H | ● | 32 | 3 | 25 | 110 | 40 | 16 | | | |
| AEM90-AP16-D32-W32-L110-Z03-H | ● | 32 | 3 | 32 | 110 | 40 | 16 | | | |
| AEM90-AP16-D32-C32-L150-Z03 | ● | 32 | 3 | 32 | 150 | 50 | 16 | **AP. 1604..** | 4015-M4x9 | 80-T15 |
| AEM90-AP16-D32-W25-L150-Z03 | ● | 32 | 3 | 25 | 150 | 40 | 16 | | | |
| AEM90-AP16-D32-W32-L150-Z03 | ● | 32 | 3 | 32 | 150 | 50 | 16 | | | |
| AEM90-AP16-D32-W32-L150-Z03-H | ● | 32 | 3 | 32 | 150 | 50 | 16 | | | |
| AEM90-AP16-D32-C25-L200-Z03-H | ● | 32 | 3 | 25 | 200 | 40 | 16 | | | |
| new AEM90-AP16-D32-C32-L200-Z02 | ● | 32 | 2 | 32 | 200 | 100 | 16 | | | |
| AEM90-AP16-D32-C32-L250-Z02 | ● | 32 | 2 | 32 | 250 | 100 | 16 | | | |
| AEM90-AP16-D32-C32-L250-Z03 | ● | 32 | 3 | 32 | 250 | 100 | 16 | | | |
| AEM90-AP16-D35-W32-L150-Z03 | ● | 35 | 3 | 32 | 150 | 40 | 16 | | | |
| AEM90-AP16-D36-W32-L110-Z03-H | ● | 36 | 3 | 32 | 110 | 40 | 16 | | | |
| AEM90-AP16-D36-W32-L150-Z03 | ● | 36 | 3 | 32 | 150 | 40 | 16 | | | |
| AEM90-AP16-D40-W32-L110-Z04-H | ● | 40 | 4 | 32 | 110 | 40 | 16 | | | |
| AEM90-AP16-D40-C32-L150-Z04 | ● | 40 | 4 | 32 | 150 | 40 | 16 | | | |
| AEM90-AP16-D40-W32-L150-Z04 | ● | 40 | 4 | 32 | 150 | 40 | 16 | | | |
| AEM90-AP16-D40-C32-L250-Z02 | ● | 40 | 2 | 32 | 250 | 40 | 16 | | | |
| AEM90-AP16-D40-C32-L250-Z04 | ● | 40 | 4 | 32 | 250 | 40 | 16 | | | |

**ISO** Ucuna Uygundur. / Compatible with **ISO** Insert. / Kompatibel mit **ISO** Wendeplatten.

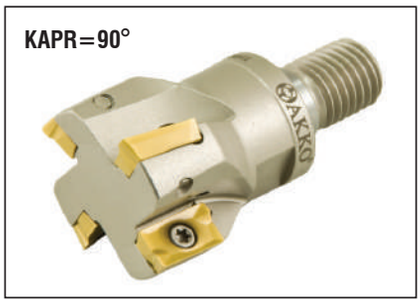
**KAPR=90°**

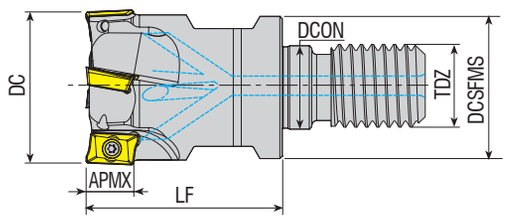





| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | ZEFP | | DC | DCON | APMX | LH | LF | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| | | Toplam *Total* *Gesamt* | Etkili *Effective* *Effektiv* | | | | | | | | |
| AHM90-AP10-D20-W20-L087-Z0204 | ● | 4 | 2 | 20 | 20 | 28 | 37 | 87 | **AP. 1003..** | 3008-M2.5x6 | 82-T08 |
| AHM90-AP10-D20-W20-L087-Z0206 | ● | 6 | 2 | 20 | 20 | 28 | 37 | 87 | | | |
| AHM90-AP10-D25-W25-L105-Z0208-H | ● | 8 | 2 | 25 | 25 | 37 | 50 | 105 | | | |
| AHM90-AP10-D32-W32-L115-Z0315-H | ● | 15 | 3 | 32 | 32 | 46 | 55 | 115 | | | |
| AHM90-AP10-D40-W32-L130-Z0318-H | ● | 18 | 3 | 40 | 32 | 55 | 70 | 130 | | | |

**KAPR=90°**






| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCSFMS | TDZ | LF | DCON | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| AEM90-AP10-D16-M08-L30-Z02-H | ● | 16 | 2 | 14.75 | M08 | 30 | 8.5 | 10 | **AP. 1003..** | 3008-M2.5x6 | 82-T08 |
| AEM90-AP10-D20-M10-L30-Z03-H | ● | 20 | 3 | 18 | M10 | 30 | 10.5 | 10 | | | |
| AEM90-AP10-D25-M12-L35-Z03-H | ● | 25 | 3 | 21 | M12 | 35 | 12.5 | 10 | | | |
| AEM90-AP10-D32-M16-L35-Z04-H | ● | 32 | 4 | 29 | M16 | 35 | 17 | 10 | | | |
| AEM90-AP10-D32-M16-L40-Z04-H | ● | 32 | 4 | 29 | M16 | 40 | 17 | 10 | | | |
| AEM90-AP10-D40-M16-L43-Z05-H | ● | 40 | 5 | 29 | M16 | 43 | 17 | 10 | | | |
| AEM90-AP10-D42-M16-L43-Z05-H | ● | 42 | 5 | 29 | M16 | 43 | 17 | 10 | | | |
| AEM90-AP16-D25-M12-L43-Z02-H | ● | 25 | 2 | 21 | M12 | 43 | 12.5 | 16 | **AP. 1604..** | 4015-M4x9 | 80-T15 |
| AEM90-AP16-D32-M16-L43-Z03-H | ● | 32 | 3 | 29 | M16 | 43 | 17 | 16 | | | |
| AEM90-AP16-D40-M16-L43-Z04-H | ● | 40 | 4 | 29 | M16 | 43 | 17 | 16 | | | |
| AEM90-AP16-D42-M16-L43-Z04-H | ● | 42 | 4 | 29 | M16 | 43 | 17 | 16 | | | |

R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*

● Stokta / In Stock / *Auf Lager*  ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

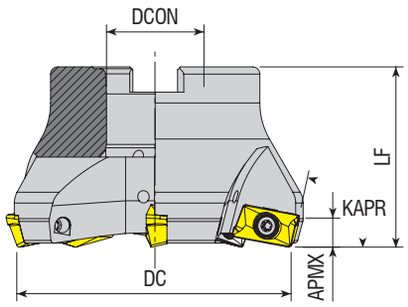
**ISO** Ucuna Uygundur. / Compatible with **ISO** Insert. / Kompatibel mit **ISO** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AHM90-AP10-D20-W20-L087-Z0204

Kesme Hesabı : S 465/ *Cutting Calculation : P 465* / *Schnittberechnung : P 465*
Sıkma Tork Değeri : S 464 / *Tightening Torque : P 464* / *Anzugsmoment : P 464*

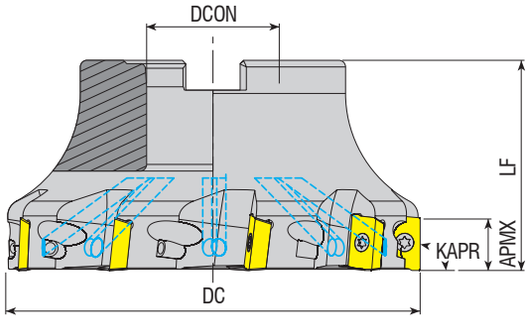
**ISO** Ucuna Uygundur. / Compatible with **ISO** Insert. / Kompatibel mit **ISO** Wendeplatten.

**KAPR=75°**




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DC | ZEFP | DCON | LF | APMX | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
|---|---|---|---|---|---|---|---|---|---|---|
| **AFM75-AP16-D063-A22-Z04-H** | ● | 63 | 4 | 22 | 40 | 6 | **AP.. 1604..** | 4015-M4x11 | 80-T15 | 2508-M10x30 |
| **AFM75-AP16-D080-A27-Z05-H** | ● | 80 | 5 | 27 | 50 | 6 | | | | 2510-M12x35 |
| **AFM75-AP16-D100-A32-Z06-H** | ● | 100 | 6 | 32 | 50 | 6 | | | | 2514-M16x35 |
| **AFM75-AP16-D125-B40-Z07** | ● | 125 | 7 | 40 | 63 | 6 | | | | - |

**KAPR=90°**




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DC | ZEFP | DCON | LF | APMX | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
|---|---|---|---|---|---|---|---|---|---|---|
| **AFM90-AP10-D040-A16-Z04-H** | ● | 40 | 4 | 16 | 35 | 10 | **AP.. 1003..** | 3008-M2.5x6 | 82-T08 | 2506-M8x30 |
| **AFM90-AP10-D040-A16-Z05-H** | ● | 40 | 5 | 16 | 40 | 10 | | | | |
| **AFM90-AP10-D050-A22-Z06-H** | ● | 50 | 6 | 22 | 40 | 10 | | | | 2508-M10x30 |
| **AFM90-AP10-D050-A22-Z07-H** | ● | 50 | 7 | 22 | 40 | 10 | | | | 2508-M10x30 |
| **AFM90-AP10-D063-A22-Z06** | ● | 63 | 6 | 22 | 40 | 10 | | | | |
| **AFM90-AP10-D063-A22-Z07-H** | ● | 63 | 7 | 22 | 40 | 10 | | | | 2508-M10x30 |
| **AFM90-AP10-D063-A22-Z09** | ● | 63 | 9 | 22 | 40 | 10 | | | | 2508-M10x30 |
| **AFM90-AP10-D080-A27-Z08-H** | ● | 80 | 8 | 27 | 50 | 10 | | | | 2510-M12x35 |
| **AFM90-AP10-D100-A32-Z09-H** | ● | 100 | 9 | 32 | 50 | 10 | | | | 2514-M16x35 |
| **AFM90-AP16-D040-A16-Z04-H** | ● | 40 | 4 | 16 | 40 | 16 | **AP.. 1604..** | 4015-M4x11 | 80-T15 | 2506-M8x30 |
| **AFM90-AP16-D050-A22-Z05-H** | ● | 50 | 5 | 22 | 40 | 16 | | | | |
| **AFM90-AP16-D052-A22-Z05-H** | ● | 52 | 5 | 22 | 40 | 16 | | | | 2508-M10x30 |
| **AFM90-AP16-D063-A22-Z06-H** | ● | 63 | 6 | 22 | 40 | 16 | | | | |
| **AFM90-AP16-D080-A27-Z07-H** | ● | 80 | 7 | 27 | 50 | 16 | | | | 2510-M12x35 |
| **AFM90-AP16-D100-A32-Z08-H** | ● | 100 | 8 | 32 | 50 | 16 | | | | 2514-M16x35 |
| **AFM90-AP16-D125-B40-Z09** | ● | 125 | 9 | 40 | 63 | 16 | | | | |
| **AFM90-AP16-D160-C40-Z10** | ● | 160 | 10 | 40 | 63 | 16 | | | | - |
| **AFM90-AP16-D200-C60-Z12** | ● | 200 | 12 | 60 | 63 | 16 | | | | |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*

● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

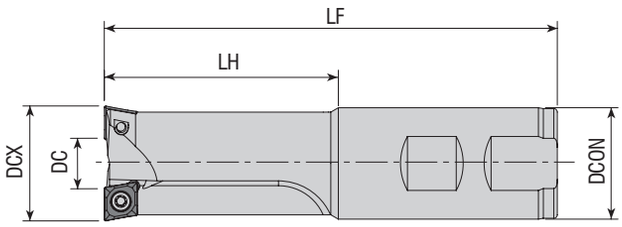
**ISO** Ucuna Uygundur. / Compatible with **ISO** Insert. / Kompatibel mit **ISO** Wendeplatten.

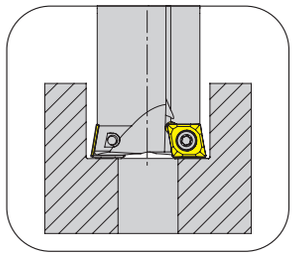
Sipariş Örneği/Ordering Example/*Bestellbeispiel*

1 ad./pcs./stück AFM75-AP16-D063-A22-Z04-H

Kesme Hesabı : S 465/ *Cutting Calculation : P 465* / *Schnittberechnung : P 465*

**ISO** Ucuna Uygundur. / Compatible with **ISO** Insert. / Kompatibel mit **ISO** Wendeplatten.



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | DCX | DCON | LH | LF | Kullanılan Vidalar *For Screws* *Für Schraube* | | | |
| ACBM-CC06-D17X6-W16-L150-Z02 | ● | 6 | 17 | 16 | 30 | 150 | - | **CC.. 060204** | 3008-M2.5x6 | 82-T08 |
| ACBM-CC06-D18X7-W16-L100-Z02-H | ● | 7 | 18 | 16 | 32 | 100 | M10 | | | |
| ACBM-CC06-D18X7-W16-L160-Z02-H | ● | 7 | 18 | 16 | 32 | 160 | M10 | | | |
| ACBM-CC06-D20X9-W20-L100-Z02-H | ● | 9 | 20 | 20 | 40 | 100 | M12 | | | |
| ACBM-CC06-D20X9-W20-L160-Z02-H | ● | 9 | 20 | 20 | 38 | 160 | M12 | | | |
| ACBM-CC09-D26X8.5-W25-L130-Z02-H | ● | 8.5 | 26 | 25 | 50 | 130 | M16 | **CC.. 09T304** | 4015-M3.5x9 | 80-T15 |
| ACBM-CC09-D26X8.5-W25-L200-Z02-H | ● | 8.5 | 26 | 25 | 50 | 200 | M16 | | | |
| ACBM-CC09-D30X12.5-W32-L130-Z02-H | ● | 12.5 | 30 | 32 | 65 | 130 | - | | | |
| ACBM-CC09-D33X15.5-W32-L130-Z02-H | ● | 15.5 | 33 | 32 | 65 | 130 | M20 | | | |
| ACBM-CC09-D33X15.5-W32-L200-Z02-H | ● | 15.5 | 33 | 32 | 65 | 200 | M20 | | | |
| ACBM-SP06-D15X4-W16-L160-Z02-H | ● | 4 | 15 | 16 | 80 | 160 | M8 | **SP.. 060204** | 3007-M2.2x4.6 | 82-T07 |

R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*

●Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

**ISO** Ucuna Uygundur. / Compatible with **ISO** Insert. / Kompatibel mit **ISO** Wendeplatten.

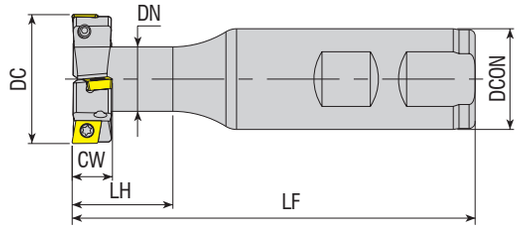
Sipariş Örneği/Ordering Example/*Bestellbeispiel*

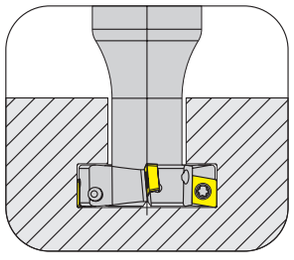
1 ad./pcs./stück ACBM-CC06-D17X6-W16-L150-Z02

Kesme Hesabı : S 465/ *Cutting Calculation : P 465* / *Schnittberechnung : P 465*

**ISO** Ucuna Uygundur. / Compatible with **ISO** Insert. / Kompatibel mit **ISO** Wendeplatten.

**KAPR=90°**



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | ZEFP Toplam *Total* *Gesamt* | ZEFP Etkili *Effective* *Effektiv* | DC | CW | DCON | LF | DN | LH | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* — Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ATSM90-CC06-D17X8-W16-L85-Z02 | ● | 2 | 1 | 17 | 8 | 16 | 85 | 10 | 16 | **CC.T 0602..** | 3008-M2.5x6 | 82-T08 |
| ATSM90-CC06-D22X8-W20-L83-Z04 | ● | 4 | 2 | 22 | 8 | 20 | 83 | 9 | 38 | | | |
| ATSM90-CC06-D32X8-W25-L100-Z04 | ● | 4 | 2 | 32 | 8 | 25 | 100 | 16 | 23 | | | |
| ATSM90-CC06-D28X8-W20-L66-Z04 | ● | 4 | 2 | 28 | 8 | 20 | 66 | 14 | 15.5 | | | |
| ATSM90-CC06-D45.5X8-W25-L100-Z06 | ● | 6 | 3 | 45.5 | 8 | 25 | 100 | 12 | 30 | | | |
| ATSM90-CC06-D63X8-W32-L125-Z08 | ● | 8 | 4 | 63 | 8 | 32 | 125 | 31.5 | 30 | | | |
| ATSM90-CC06-D18X9-W16-L90-Z02 | ● | 2 | 1 | 18 | 9 | 16 | 90 | 10 | 16 | | | |
| ATSM90-CC06-D20X9-W16-L85-Z04 | ● | 4 | 2 | 20 | 9 | 16 | 85 | 10 | 16 | | | |
| ATSM90-CC06-D23X10-W20-L90-Z04 | ● | 4 | 2 | 23 | 10 | 20 | 90 | 12 | 25 | | | |
| ATSM90-CC06-D32X10-W25-L100-Z04 | ● | 4 | 2 | 32 | 10 | 25 | 100 | 16 | 25 | | | |
| ATSM90-CC06-D45X10-W32-L120-Z06 | ● | 6 | 3 | 45 | 10 | 32 | 120 | 20 | 25 | | | |
| ATSM90-CC06-D25X11-W25-L100-Z04 | ● | 4 | 2 | 25 | 11 | 25 | 100 | 13 | 25 | | | |
| ATSM90-CC09-D30X12-W25-L100-Z04 | ● | 4 | 2 | 30 | 12 | 25 | 100 | 16 | 25 | **CC.T. 09T3..** | 4015-M3.5x9 | 80-T15 |
| ATSM90-CC09-D32X12-W25-L100-Z02 | ● | 2 | 1 | 32 | 12 | 25 | 100 | 16 | 25 | | | |
| ATSM90-CC09-D32X12-W25-L100-Z04 | ● | 4 | 2 | 32 | 12 | 25 | 100 | 16 | 25 | | | |
| ATSM90-CC09-D32X14-W25-L100-Z04 | ● | 4 | 2 | 32 | 14 | 25 | 100 | 16 | 25 | | | |
| ATSM90-CC09-D37X16-W32-L120-Z04 | ● | 4 | 2 | 37 | 16 | 32 | 120 | 17 | 30 | | | |
| ATSM90-CC09-D40X17-W32-L120-Z04-H | ● | 4 | 2 | 40 | 17 | 32 | 120 | 19 | 30 | | | |
| ATSM90-CC09-D42X17-W32-L120-Z04 | ● | 4 | 2 | 42 | 17 | 32 | 120 | 19 | 30 | | | |
| ATSM90-CC12-D47X20-W32-L120-Z04 | ● | 4 | 2 | 47 | 20 | 32 | 120 | 25 | 45 | **CC.T 1204..** | 1020-M5x11 | 80-T20 |
| ATSM90-CC12-D52X21-W32-L120-Z04 | ● | 4 | 2 | 52 | 21 | 32 | 120 | 25 | 45 | | | |
| ATSM90-CC12-D50X22-W32-L120-Z04 | ● | 4 | 2 | 50 | 22 | 32 | 120 | 25 | 45 | | | |
| ATSM90-CC12-D55X22-W32-L120-Z04 | ● | 4 | 2 | 55 | 22 | 32 | 120 | 25 | 45 | | | |

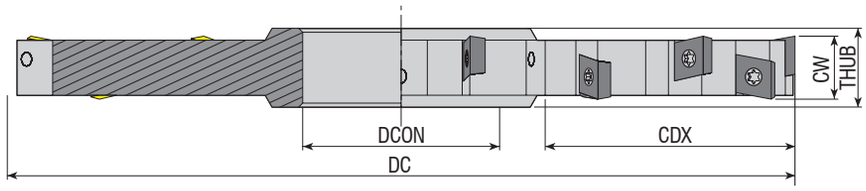
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*

● *Stokta / In Stock / Auf Lager* ○ *Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage*

**ISO** Ucuna Uygundur. / Compatible with **ISO** Insert. / Kompatibel mit **ISO** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ATSM90-CC06-D17X8-W16-L85-Z02
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*

**ISO** Ucuna Uygundur. / Compatible with **ISO** Insert. / Kompatibel mit **ISO** Wendeplatten.




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | ZEFP Toplam *Total* *Gesamt* | ZEFP Etkili *Effective* *Effektiv* | DC | CW | CDX | DCON | THUB | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ASDM-CC06-D80x8-d27-Z10 | ● | 10 | 5 | 80 | 8 | 17 | 27 | 12 | CC.T 0602.. | 3008-M2.5x6 | 82-T08 |
| ASDM-CC06-D100x8-d32-Z12 | ● | 12 | 6 | 100 | 8 | 25 | 32 | 12 | | | |
| ASDM-CC06-D125x8-d40-Z14 | ● | 14 | 7 | 125 | 8 | 35 | 40 | 12 | | | |
| ASDM-CC06-D160x8-d40-Z16 | ● | 16 | 8 | 160 | 8 | 52 | 40 | 12 | | | |
| ASDM-CC06-D200x8-d40-Z18 | ● | 18 | 9 | 200 | 8 | 70 | 40 | 12 | | | |
| ASDM-CC06-D80x10-d27-Z10 | ● | 10 | 5 | 80 | 10 | 17 | 27 | 14 | | | |
| ASDM-CC06-D100x10-d32-Z12 | ● | 12 | 6 | 100 | 10 | 25 | 32 | 14 | | | |
| ASDM-CC06-D125x10-d40-Z14 | ● | 14 | 7 | 125 | 10 | 35 | 40 | 14 | | | |
| ASDM-CC06-D160x10-d40-Z16 | ● | 16 | 8 | 160 | 10 | 52 | 40 | 14 | | | |
| ASDM-CC06-D200x10-d40-Z18 | ● | 18 | 9 | 200 | 10 | 70 | 40 | 14 | | | |
| ASDM-CC09-D80x12-d27-Z08 | ● | 8 | 4 | 80 | 12 | 17 | 27 | 16 | CC.T 09T3.. | 4015-M3.5x11 | 80-T15 |
| ASDM-CC09-D100x12-d32-Z10 | ● | 10 | 5 | 100 | 12 | 25 | 32 | 16 | | | |
| ASDM-CC09-D125x12-d40-Z12 | ● | 12 | 6 | 125 | 12 | 35 | 40 | 16 | | | |
| ASDM-CC09-D160x12-d40-Z14 | ● | 14 | 7 | 160 | 12 | 52 | 40 | 16 | | | |
| ASDM-CC09-D200x12-d40-Z16 | ● | 16 | 8 | 200 | 12 | 70 | 40 | 16 | | | |
| ASDM-CC09-D80x14-d27-Z08 | ● | 8 | 4 | 80 | 14 | 17 | 27 | 18 | | | |
| ASDM-CC09-D100x14-d32-Z10 | ● | 10 | 5 | 100 | 14 | 25 | 32 | 18 | | | |
| ASDM-CC09-D125x14-d40-Z12 | ● | 12 | 6 | 125 | 14 | 35 | 40 | 18 | | | |
| ASDM-CC09-D160x14-d40-Z14 | ● | 14 | 7 | 160 | 14 | 52 | 40 | 18 | | | |
| ASDM-CC09-D200x14-d40-Z16 | ● | 16 | 8 | 200 | 14 | 70 | 40 | 18 | | | |
| ASDM-CC12-D80x16-d27-Z06 | ● | 6 | 3 | 80 | 16 | 17 | 27 | 20 | CC.T 1204.. | 1020-M5x11 | 80-T20 |
| ASDM-CC12-D100x16-d32-Z08 | ● | 8 | 4 | 100 | 16 | 25 | 32 | 20 | | | |
| ASDM-CC12-D125x16-d40-Z10 | ● | 10 | 5 | 125 | 16 | 35 | 40 | 20 | | | |
| ASDM-CC12-D160x16-d40-Z12 | ● | 12 | 6 | 160 | 16 | 52 | 40 | 20 | | | |
| ASDM-CC12-D200x16-d40-Z14 | ● | 14 | 7 | 200 | 16 | 70 | 40 | 20 | | | |
| ASDM-CC12-D80x18-d27-Z06 | ● | 6 | 3 | 80 | 18 | 17 | 27 | 22 | | | |
| ASDM-CC12-D100x18-d32-Z08 | ● | 8 | 4 | 100 | 18 | 25 | 32 | 22 | | | |
| ASDM-CC12-D125x18-d40-Z10 | ● | 10 | 5 | 125 | 18 | 35 | 40 | 22 | | | |
| ASDM-CC12-D160x18-d40-Z12 | ● | 12 | 6 | 160 | 18 | 52 | 40 | 22 | | | |
| ASDM-CC12-D200x18-d40-Z14 | ● | 14 | 7 | 200 | 18 | 70 | 40 | 22 | | | |
| ASDM-CC12-D250x18-d40-Z16 | ● | 16 | 8 | 250 | 18 | 90 | 40 | 22 | | | |
| ASDM-CC12-D80x20-d27-Z06 | ● | 6 | 3 | 80 | 20 | 17 | 27 | 24 | | | |
| ASDM-CC12-D100x20-d32-Z08 | ● | 8 | 4 | 100 | 20 | 25 | 32 | 24 | | | |
| ASDM-CC12-D125x20-d40-Z10 | ● | 10 | 5 | 125 | 20 | 35 | 40 | 24 | | | |
| ASDM-CC12-D160x20-d40-Z12 | ● | 12 | 6 | 160 | 20 | 52 | 40 | 24 | | | |
| ASDM-CC12-D200x20-d40-Z14 | ● | 14 | 7 | 200 | 20 | 70 | 40 | 24 | | | |
| ASDM-CC12-D250x20-d40-Z16 | ● | 16 | 8 | 250 | 20 | 90 | 40 | 24 | | | |

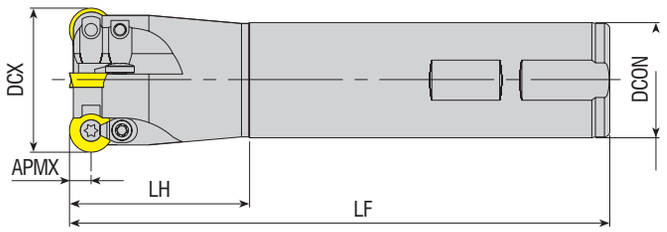
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*

● *Stokta / In Stock / Auf Lager* ○ *Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage*

**ISO** Ucuna Uygundur. / Compatible with **ISO** Insert. / Kompatibel mit **ISO** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ASDM-CC06-D80x8-d27-Z10
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*

**ISO** Ucuna Uygundur. / Compatible with **ISO** Insert. / Kompatibel mit **ISO** Wendeplatten.




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | DCON | LF | LH | APMX | | Sıkma Vidası *Screw* *Schraube* | Baskı Parçası *Wedge Clamp* *Spannpratze* | Baskı Vidası *Clamp Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| AEMR-RD0501-D08-W10-L100-Z01-H | ● | 8 | 1 | 10 | 100 | 20 | 2.5 | RD.. 0501 | 3006-M2x3.6 | - | - | 82-T06 |
| AEMR-RD0501-D10-W12-L100-Z02-H | ● | 10 | 2 | 12 | 100 | 20 | 2.5 | | 3006-M2x4 | | | |
| AEMR-RD0501-D12-W12-L120-Z02-H | ● | 12 | 2 | 12 | 120 | 20 | 2.5 | | | | | |
| AEMR-RD0803-D16-W16-L150-Z02 | ● | 16 | 2 | 16 | 150 | 60 | 4 | RD.. 0803 | 3008-M3x6 | | | |
| AEMR-RD0803-D16-C20-L200-Z02 | ● | 16 | 2 | 20 | 200 | 60 | 4 | | | | | |
| AEMR-RD0803-D20-W20-L150-Z03 | ● | 20 | 3 | 20 | 150 | 60 | 4 | | | | | |
| AEMR-RD08T2-D16-W16-L150-Z02 | ● | 16 | 2 | 16 | 150 | 60 | 4 | RD.. 08T2 | 3008-M2.5x6 | | | 82-T08 |
| AEMR-RD08T2-D20-W20-L150-Z02 | ● | 20 | 2 | 20 | 150 | 60 | 4 | | | | | |
| AEMRC-RD1003-D20-W20-L150-Z02 | ● | 20 | 2 | 20 | 150 | 60 | 5 | RD.. 1003 | 4015-M3.5x9 | ACK-15 | 4015-M3.5x11 | 80-T15 |
| AEMRC-RD1003-D20-C20-L160-Z02 | ● | 20 | 2 | 20 | 160 | 70 | 5 | | | | | |
| AEMRC-RD1003-D20-C20-L250-Z02 | ● | 20 | 2 | 20 | 250 | 150 | 5 | | | | | |
| AEMRC-RD1003-D21-C20-L160-Z02 | ● | 21 | 2 | 20 | 160 | 70 | 5 | | | | | |
| AEMRC-RD1003-D25-W25-L150-Z02 | ● | 25 | 2 | 25 | 150 | 60 | 5 | | | | | |
| AEMRC-RD1003-D25-C25-L160-Z02 | ● | 25 | 2 | 25 | 160 | 70 | 5 | | | | | |
| AEMRC-RD1003-D25-W25-L200-Z02 | ● | 25 | 2 | 25 | 200 | 100 | 5 | | | | | |
| AEMRC-RD1003-D25-C25-L200-Z02 | ● | 25 | 2 | 25 | 200 | 100 | 5 | | | | | |
| AEMRC-RD1003-D25-C25-L250-Z02 | ● | 25 | 2 | 25 | 250 | 150 | 5 | | | | | |
| AEMRC-RD1003-D26-C25-L160-Z02 | ● | 26 | 2 | 25 | 160 | 70 | 5 | | | | | |
| AEMRC-RD1003-D32-W32-L150-Z03 | ● | 32 | 3 | 32 | 150 | 60 | 5 | | | | | |
| AEMRC-RD1003-D32-C32-L250-Z02 | ● | 32 | 2 | 32 | 250 | 150 | 5 | | | | | |
| AEMRC-RD1003-D33-C32-L160-Z03 | ● | 33 | 3 | 32 | 160 | 70 | 5 | | | | | |
| AEMRC-RD1003-D40-W32-L150-Z04 | ● | 40 | 4 | 32 | 150 | 35 | 5 | | | | | |
| AEMRC-RD1003-D40-C32-L250-Z02 | ● | 40 | 2 | 32 | 250 | 50 | 5 | | | | | |
| AEMR-RD10T3-D20-C20-L180-Z02-H | ● | 20 | 2 | 20 | 180 | 60 | 5 | RD.. 10T3 | | - | 4015-M3.5x9 | |
| AEMRC-RD10T3-D20-C20-L150-Z02 | ● | 20 | 2 | 20 | 150 | 60 | 5 | | | | | |
| AEMRC-RD10T3-D20-W20-L150-Z02 | ● | 20 | 2 | 20 | 150 | 60 | 5 | | | | | |
| AEMRC-RD10T3-D21-C20-L200-Z02-H | ● | 21 | 2 | 20 | 200 | 80 | 5 | | | | | |
| AEMRC-RD10T3-D25-C25-L150-Z02 | ● | 25 | 2 | 25 | 150 | 60 | 5 | | | | | |
| AEMR-RD10T3-D25-C25-L180-Z02 | ● | 25 | 2 | 25 | 180 | 80 | 5 | | | | | |
| AEMRC-RD10T3-D25-C25-L200-Z02-H | ● | 25 | 2 | 25 | 200 | 100 | 5 | | | | | |
| AEMRC-RD10T3-D25-C32-L150-Z03 | ● | 25 | 3 | 32 | 150 | 50 | 5 | | | | | |
| AEMRC-RD10T3-D25-W25-L150-Z02 | ● | 25 | 2 | 25 | 150 | 60 | 5 | | | | | |
| AEMRC-RD10T3-D26-C25-L200-Z02-H | ● | 26 | 2 | 25 | 200 | 35 | 5 | | | | | |
| AEMRC-RD10T3-D32-C25-L250-Z03-H | ● | 32 | 3 | 25 | 250 | 35 | 5 | | | | | |
| AEMRC-RD10T3-D32-W32-L150-Z03 | ● | 32 | 3 | 32 | 150 | 60 | 5 | | | | | |
| AEMRC-RD10T3-D32-C32-L150-Z04 | ● | 32 | 4 | 32 | 150 | 60 | 5 | | | | | |
| AEMRC-RD12T3-D25-W25-L150-Z02 | ● | 25 | 2 | 25 | 150 | 60 | 6 | RD.. 12T3 | | | | |
| AEMRC-RD12T3-D25-W25-L200-Z02 | ● | 25 | 2 | 25 | 200 | 100 | 6 | | | | | |
| AEMRC-RD12T3-D25-C25-L250-Z02 | ● | 25 | 2 | 25 | 250 | 150 | 6 | | | | | |
| AEMRC-RD12T3-D25-C25-L300-Z02 | ● | 25 | 2 | 25 | 300 | 200 | 6 | | | | | |
| AEMRC-RD12T3-D32-W32-L150-Z03 | ● | 32 | 3 | 32 | 150 | 60 | 6 | | | | | |
| AEMRC-RD12T3-D32-C32-L250-Z02 | ● | 32 | 2 | 32 | 250 | 150 | 6 | | | | | |
| AEMRC-RD12T3-D40-W32-L150-Z04 | ● | 40 | 4 | 32 | 150 | 50 | 6 | | | | | |
| AEMRC-RD12T3-D40-C32-L250-Z02 | ● | 40 | 2 | 32 | 250 | 50 | 6 | | | | | |
| AEMRC-RD1204-D25-C25-L180-Z02 | ● | 25 | 2 | 25 | 180 | 70 | 6 | RD.. 1204 | | | | |
| AEMRC-RD1204-D32-C32-L200-Z02 | ● | 32 | 2 | 32 | 200 | 100 | 6 | | | | | |
| AEMRC-RD1204-D32-C32-L160-Z03 | ● | 32 | 3 | 32 | 160 | 70 | 6 | | | | | |
| AEMRC-RD1204-D32-W32-L160-Z03 | ● | 32 | 3 | 32 | 160 | 70 | 6 | | | | | |
| AEMRC-RD1204-D33-C32-L160-Z03 | ● | 33 | 3 | 32 | 160 | 70 | 6 | | | | | |
| AEMRC-RD1204-D32-C32-L160-Z03-H | ● | 32 | 3 | 32 | 160 | 70 | 6 | | | | | |
| AEMRC-RD1604-D40-W32-L150-Z02 | ● | 40 | 2 | 32 | 150 | 35 | 8 | RD.. 1604 | 4015-M4.5x11 | ACK-05 | 4015-M4x11 | |

R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*

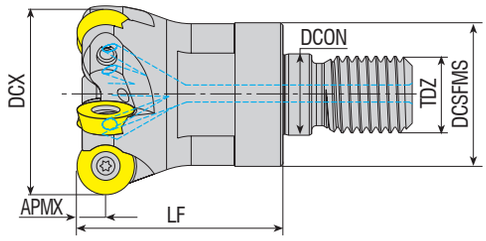
● Stokta / In Stock / *Auf Lager*  ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

**ISO** Ucuna Uygundur. / Compatible with **ISO** Insert. / Kompatibel mit **ISO** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AEMR-RD0501-D08-W10-L100-Z01-H

Kesme Hesabı : S 465/ *Cutting Calculation : P 465* / *Schnittberechnung : P 465*

**ISO** Ucuna Uygundur. / Compatible with **ISO** Insert. / Kompatibel mit **ISO** Wendeplatten.

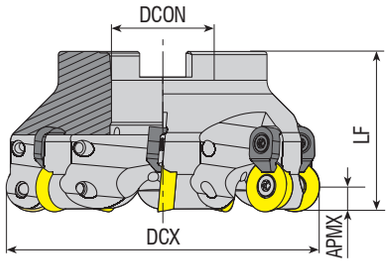



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock Lager* | Takım Ölçüleri (mm) *Dimension (mm) Abmessung (mm)* | | | | | | | Kesici Uç *Insert Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw Schraube* | Tork Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | DCSFMS | TDZ | LF | DCON | APMX | | | |
| AEMR-RD0702-D15-M08-L23-Z02-H | ● | 15 | 2 | 13 | M08 | 23 | 8.5 | 3.5 | RD.. 0702 | 3008-M2.5x6 | 82-T08 |
| AEMR-RD0702-D16-M08-L23-Z02-H | ● | 16 | 2 | 14.75 | M08 | 23 | 8.5 | 3.5 | | | |
| AEMR-RD0702-D20-M10-L30-Z04-H | ● | 20 | 4 | 18 | M10 | 30 | 10.5 | 3.5 | | | |
| AEMR-RD0702-D25-M12-L35-Z05-H | ● | 25 | 5 | 21 | M12 | 35 | 12.5 | 3.5 | | | |
| AEMR-RD0702-D30-M16-L42-Z05-H | ● | 30 | 5 | 29 | M16 | 42 | 17 | 3.5 | | | |
| AEMR-RD0702-D32-M16-L43-Z05-H | ● | 32 | 5 | 29 | M16 | 43 | 17 | 3.5 | | | |
| AEMR-RD0702-D35-M16-L42-Z06-H | ● | 35 | 6 | 29 | M16 | 42 | 17 | 3.5 | | | |
| AEMR-RD0702-D42-M16-L43-Z05-H | ● | 42 | 5 | 29 | M16 | 43 | 17 | 3.5 | | | |
| AEMR-RD0702-D42-M16-L43-Z07-H | ● | 42 | 7 | 29 | M16 | 43 | 17 | 3.5 | | | |
| AEMR-RD08T2-D16-M08-L23-Z02-H | ● | 16 | 2 | 13 | M08 | 23 | 8.5 | 4 | RD.. 08T2 | 3008-M2.5x6 | |
| AEMR-RD08T2-D16-M10-L23-Z02-H | ● | 16 | 2 | 13 | M10 | 23 | 8.5 | 4 | | | |
| AEMR-RD08T2-D20-M10-L30-Z03-H | ● | 20 | 3 | 18 | M10 | 30 | 10.5 | 4 | | | |
| AEMR-RD08T2-D25-M12-L35-Z04-H | ● | 25 | 4 | 21 | M12 | 35 | 12.5 | 4 | | | |
| AEMR-RD0802-D16-M08-L23-Z02-H | ● | 16 | 2 | 13 | M08 | 23 | 8.5 | 4 | RD.. 0802 | 3008-M3x6 | |
| AEMR-RD0803-D16-M08-L23-Z02-H | ● | 16 | 2 | 13 | M08 | 23 | 8.5 | 4 | | | |
| AEMR-RD0803-D20-M10-L30-Z03-H | ● | 20 | 3 | 18 | M10 | 30 | 10.5 | 4 | RD.. 0803 | 3008-M3x8 | |
| AEMR-RD0803-D25-M12-L35-Z04-H | ● | 25 | 4 | 21 | M12 | 35 | 12.5 | 4 | | | |
| AEMR-RD1003-D20-M10-L30-Z02-H | ● | 20 | 2 | 18 | M10 | 30 | 10.5 | 5 | RD.. 1003 | 4015-M3.5x9 | 80-T15 |
| AEMR-RD1003-D25-M12-L35-Z02-H | ● | 25 | 2 | 21 | M12 | 35 | 12.5 | 5 | | | |
| AEMR-RD1003-D25-M12-L35-Z03-H | ● | 25 | 3 | 21 | M12 | 35 | 12.5 | 5 | | | |
| AEMR-RD1003-D30-M16-L43-Z04-H | ● | 30 | 4 | 29 | M16 | 43 | 17 | 5 | | | |
| AEMR-RD1003-D32-M16-L43-Z04-H | ● | 32 | 4 | 29 | M16 | 43 | 17 | 5 | | | |
| AEMR-RD1003-D35-M16-L43-Z04-H | ● | 35 | 4 | 29 | M16 | 43 | 17 | 5 | | | |
| AEMR-RD1003-D40-M16-L43-Z05-H | ● | 40 | 5 | 29 | M16 | 43 | 17 | 5 | | | |
| AEMR-RD1003-D42-M16-L43-Z05-H | ● | 42 | 5 | 29 | M16 | 43 | 17 | 5 | | | |
| AEMR-RD10T3-D25-M12-L35-Z03-H | ● | 25 | 3 | 21 | M12 | 35 | 12.5 | 5 | RD.. 10T3 | 4015-M3.5x9 | |
| AEMR-RD10T3-D32-M16-L45-Z04-H | ● | 32 | 4 | 29 | M16 | 45 | 17 | 5 | | | |
| AEMR-RD10T3-D35-M16-L43-Z04-H | ● | 35 | 4 | 29 | M16 | 43 | 17 | 5 | | | |
| AEMR-RD10T3-D42-M16-L43-Z05-H | ● | 42 | 5 | 29 | M16 | 43 | 17 | 5 | | | |
| AEMR-RD1004-D25-M12-L35-Z03-H | ● | 25 | 3 | 21 | M12 | 35 | 12.5 | 5 | RD.. 1004 | 4515-M4x8 | |
| AEMR-RD1004-D32-M16-L43-Z04-H | ● | 32 | 4 | 29 | M16 | 43 | 17 | 5 | | | |
| AEMR-RD1004-D42-M16-L43-Z05-H | ● | 42 | 5 | 29 | M16 | 43 | 17 | 5 | | | |
| AEMR-RD12T3-D24-M12-L35-Z02-H | ● | 24 | 2 | 21 | M12 | 35 | 12.5 | 6 | RD.. 12T3 | 4015-M3.5x9 | |
| AEMR-RD12T3-D25-M12-L35-Z02-H | ● | 25 | 2 | 21 | M12 | 35 | 12.5 | 6 | | | |
| AEMR-RD12T3-D32-M16-L43-Z03-H | ● | 32 | 3 | 29 | M16 | 43 | 17 | 6 | | | |
| AEMR-RD12T3-D35-M16-L43-Z03-H | ● | 35 | 3 | 29 | M16 | 43 | 17 | 6 | | | |
| AEMR-RD12T3-D35-M16-L43-Z04-H | ● | 35 | 4 | 29 | M16 | 43 | 17 | 6 | | | |
| AEMR-RD12T3-D40-M16-L43-Z04-H | ● | 40 | 4 | 29 | M16 | 43 | 17 | 6 | | | |
| AEMR-RD12T3-D42-M16-L43-Z05-H | ● | 42 | 5 | 29 | M16 | 43 | 17 | 6 | | | |
| AEMR-RD1204-D25-M12-L35-Z02-H | ● | 25 | 2 | 21 | M12 | 35 | 12.5 | 6 | RD.. 1204 | | |
| AEMR-RD1204-D32-M16-L43-Z03-H | ● | 32 | 3 | 29 | M16 | 43 | 17 | 6 | | | |
| AEMR-RD1204-D40-M16-L43-Z04-H | ● | 40 | 4 | 29 | M16 | 43 | 17 | 6 | | | |
| AEMR-RD1204-D42-M16-L43-Z04-H | ● | 42 | 4 | 29 | M16 | 43 | 17 | 6 | | | |
| AEMR-RD1604-D32-M16-L43-Z02-H | ● | 32 | 2 | 29 | M16 | 43 | 17 | 8 | RD.. 1604 | 4015-M4.5x11 | |
| AEMR-RD1604-D40-M16-L43-Z02-H | ● | 40 | 2 | 29 | M16 | 43 | 17 | 8 | | | |
| AEMR-RD1604-D42-M16-L43-Z03-H | ● | 42 | 3 | 29 | M16 | 43 | 17 | 8 | | | |

R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**ISO** Ucuna Uygundur. / Compatible with **ISO** Insert. / Kompatibel mit **ISO** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AEMR-RD0702-D15-M08-L23-Z02-H
Kesme Hesabı : S 465/ *Cutting Calculation : P 465* / *Schnittberechnung : P 465*
Sıkma Tork Değeri : S 464 / *Tightening Torque : P 464* / *Anzugsmoment : P 464*

**ISO** Ucuna Uygundur. / Compatible with **ISO** Insert. / Kompatibel mit **ISO** Wendeplatten.




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Baskı Parçası *Wedge Clamp* *Spannpratze* | Baskı Vidası *Clamp Screw* *Klemmschraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| AFMR-RD0702-D050-A22-Z06-H | ● | 50 | 6 | 22 | 40 | 3.5 | **RD.. 0702** | 3008-M2.5x6 | - | - | 82-T08 | 2407-M10x30 |
| AFMR-RD0803-D050-A22-Z05-H | ● | 50 | 5 | 22 | 40 | 4 | **RD.. 0803** | 3008-M3x8 | | | | |
| AFMRC-RD1003-D040-A16-Z04-H | ● | 40 | 4 | 16 | 40 | 5 | **RD.. 1003** | 4015-M3.5x11 | | | | 2406-M8x30 |
| AFMR-RD1003-D040-A16-Z05-H | ● | 40 | 5 | 16 | 40 | 5 | | | | | | |
| AFMRC-RD1003-D050-A22-Z05-H | ● | 50 | 5 | 22 | 50 | 5 | | | | | | 2508-M10x30 |
| AFMRC-RD1003-D052-A22-Z05 | ● | 52 | 5 | 22 | 50 | 5 | | | | | | |
| AFMRC-RD1003-D063-A22-Z06-H | ● | 63 | 6 | 22 | 50 | 5 | | | | | | |
| AFMRC-RD1003-D066-A27-Z07-H | ● | 66 | 7 | 27 | 50 | 5 | | | | | | 2510-M12X35 |
| AFMRC-RD1003-D080-A27-Z07-H | ● | 80 | 7 | 27 | 50 | 5 | | | | | | 2514-M16x35 |
| AFMRC-RD1003-D100-A32-Z08-H | ● | 100 | 8 | 32 | 50 | 5 | | | | | | 2406-M8X30 |
| AFMR-RD1004-D063-A22-Z06-H | ● | 63 | 6 | 22 | 50 | 5 | **RD.. 1004** | 4515-M4x8 | | | | |
| AFMRC-RD1004-D080-A27-Z08-H | ● | 80 | 8 | 27 | 50 | 5 | | | | | | 4515-M4x8 |
| AFMRC-RD10T3-D040-A16-Z05-H | ● | 40 | 5 | 16 | 40 | 5 | **RD.. 10T3** | | | | | 2406-M8X30 |
| AFMRC-RD10T3-D042-A16-Z05-H | ● | 42 | 5 | 16 | 40 | 5 | | | | | | |
| AFMRC-RD10T3-D050-A22-Z05-H | ● | 50 | 5 | 22 | 50 | 5 | | | | | | 2508-M10X30 |
| AFMRC-RD10T3-D052-A22-Z05-H | ● | 52 | 5 | 22 | 40 | 5 | | | | | | |
| AFMRC-RD10T3-D052-A22-Z06-H | ● | 52 | 6 | 22 | 40 | 5 | | | | | | |
| AFMRC-RD10T3-D063-A22-Z06-H | ● | 63 | 6 | 22 | 50 | 5 | | 4015-M3.5x9 | | | | |
| AFMR-RD12T3-D066-A27-Z06-H | ● | 66 | 6 | 27 | 50 | 50 | **RD.. 12T3** | 4015-M3.5x11 | ACK-15 | 4015-M3.5x11 | 80-T15 | 2406-M8X30 |
| AFMRC-RD12T3-D040-A16-Z04-H | ● | 40 | 4 | 16 | 50 | 6 | | | | | | |
| AFMRC-RD12T3-D050-A22-Z05-H | ● | 50 | 5 | 22 | 40 | 6 | | | | | | |
| AFMRC-RD12T3-D052-A22-Z05-H | ● | 52 | 5 | 22 | 50 | 6 | | | | | | |
| AFMRC-RD12T3-D063-A22-Z06-H | ● | 63 | 6 | 22 | 50 | 6 | | | | | | 2508-M10X30 |
| AFMRC-RD12T3-D080-A27-Z07-H | ● | 80 | 7 | 27 | 50 | 6 | | | | | | 2510-M12X35 |
| AFMRC-RD12T3-D100-A32-Z08-H | ● | 100 | 8 | 32 | 50 | 6 | | | | | | 2514-M16x35 |
| AFMRC-RD12T3-D125-B40-Z09 | ● | 125 | 9 | 40 | 50 | 6 | | | | | | - |
| AFMRC-RD1204-D040-A16-Z04-H | ● | 40 | 4 | 16 | 40 | 6 | **RD.. 1204** | | | | | |
| AFMRC-RD1204-D042-A16-Z04-H | ● | 42 | 4 | 16 | 40 | 6 | | | | | | 2406-M8X30 |
| AFMRC-RD1204-D050-A22-Z05-H | ● | 50 | 5 | 22 | 40 | 6 | | | | | | |
| AFMRC-RD1204-D052-A22-Z05-H | ● | 52 | 5 | 22 | 50 | 6 | | | | | | 2508-M10X30 |
| AFMRC-RD1204-D063-A22-Z06-H | ● | 63 | 6 | 22 | 50 | 6 | | | | | | |
| AFMRC-RD1204-D063-A22-Z07-H | ● | 63 | 7 | 22 | 50 | 6 | | | | | | 4015-M3.5x11 |
| AFMRC-RD1204-D080-A27-Z07-H | ● | 80 | 7 | 27 | 50 | 6 | | | | | | 2510-M12X35 |
| AFMRC-RD1204-D100-A32-Z07-H | ● | 100 | 7 | 32 | 50 | 6 | | | | | | |
| AFMRC-RD1204-D100-A32-Z08-H | ● | 100 | 8 | 32 | 50 | 6 | | | | | | 2514-M16x35 |
| AFMRC-RD1604-D050-A22-Z04-H | ● | 50 | 4 | 22 | 50 | 6 | **RD.. 1604** | 4015-M4.5x11 | ACK-05 | 4015-M4x11 | | 2408-M10x30 |
| AFMRC-RD1604-D052-A22-Z04-H | ● | 52 | 4 | 22 | 50 | 8 | | | | | | |
| AFMRC-RD1604-D063-A22-Z05-H | ● | 63 | 5 | 22 | 50 | 8 | | | | | | 2508-M10X30 |
| AFMRC-RD1604-D066-A22-Z05-H | ● | 66 | 5 | 22 | 50 | 8 | | | | | | |
| AFMRC-RD1604-D066-A27-Z05-H | ● | 66 | 5 | 27 | 50 | 8 | | | | | | 2510-M12X35 |
| AFMRC-RD1604-D080-A27-Z06-H | ● | 80 | 6 | 27 | 50 | 8 | | | | | | |
| AFMRC-RD1604-D100-A32-Z07-H | ● | 100 | 7 | 32 | 50 | 8 | | | | | | 2514-M16x35 |
| AFMRC-RD1604-D125-B40-Z07 | ● | 125 | 7 | 40 | 50 | 8 | | | | | | - |
| AFMRC-RD1604-D160-C40-Z08 | ● | 160 | 8 | 40 | 63 | 8 | | | | | | |
| AFMRC-RD1604-D200-C40-Z10 | ● | 200 | 10 | 40 | 63 | 8 | | | | | | 4015-M4.5x11 |

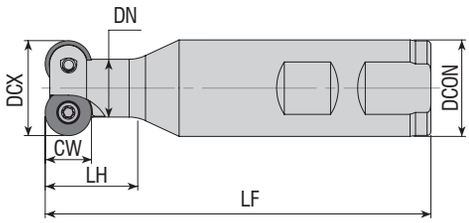
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*

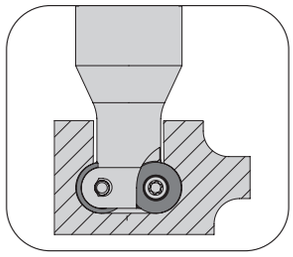
● *Stokta / In Stock / Auf Lager* ○ *Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage*

**ISO** Ucuna Uygundur. / Compatible with **ISO** Insert. / Kompatibel mit **ISO** Wendeplatten.

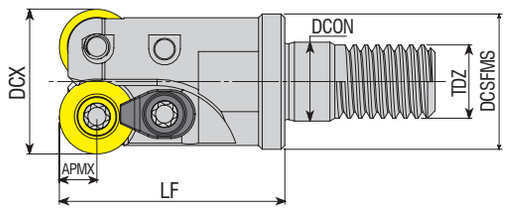
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AFMR-RD0702-D050-A22-Z06-H
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*

**ISO** Ucuna Uygundur. / Compatible with **ISO** Insert. / Kompatibel mit **ISO** Wendeplatten.



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | ZEFP | DCX | CW | DCON | LF | DN | LH | | | |
| ATSMR-RD0702-D17-W16-L90-Z02 | ● | 2 | 17 | 7 | 16 | 90 | 10 | 12 | RD.. 0702 | 3008-M2.5x6 | 82-T08 |
| ATSMR-RD0702-D25-W16-L90-Z03 | ● | 3 | 25 | 7 | 16 | 90 | 12.5 | 12 | | | |
| ATSMR-RD0702-D35-W25-L100-Z05 | ● | 5 | 35 | 7 | 25 | 100 | 20 | 20 | | | |
| ATSMR-RD1003-D21-W25-L100-Z02 | ● | 2 | 21 | 10 | 25 | 100 | 12 | 20 | RD.. 1003 | 4015-M3.5x9 | 80-T15 |
| ATSMR-RD1003-D80-W32-L165-Z06-H | ● | 6 | 80 | 10 | 32 | 165 | 31.5 | 30 | | | |
| ATSMR-RD12T3-D25-W25-L100-Z02 | ● | 2 | 25 | 12 | 25 | 100 | 15 | 24 | RD.. 12T3 | | |
| ATSMR-RD12T3-D40-W32-L100-Z03 | ● | 3 | 40 | 12 | 32 | 100 | 20 | 28 | | | |
| ATSMR-RD12T3-D80-W32-L165-Z06-H | ● | 6 | 80 | 12 | 32 | 165 | 30 | 31.5 | | | |
| ATSMR-RD1604-D34-W32-L110-Z02 | ● | 2 | 34 | 16 | 32 | 110 | 20 | 30 | RD.. 1604 | 4015-M4.5x11 | |



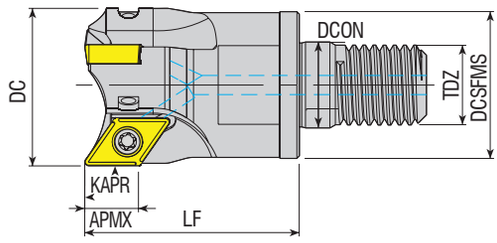

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Baskı Parçası *Wedge Clamp* *Spannpratze* | Baskı Vidası *Clamp Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | DCSFMS | TDZ | LF | DCON | APMX | | | | | |
| AEMRC-RD10T3-D20-M10-L30-Z02 | ● | 20 | 2 | 18 | M10 | 30 | 10.5 | 5 | RD.. 10T3 | 4015-M3.5x9 | ACK-15 | 4015-M3.5x11 | 80-T15 |
| AEMRC-RD10T3-D25-M12-L35-Z02-H | ● | 25 | 2 | 21 | M12 | 35 | 12.5 | 5 | | | | | |
| AEMRC-RD10T3-D32-M16-L43-Z03-H | ● | 32 | 3 | 29 | M16 | 43 | 17 | 5 | | | | | |

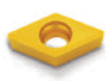
R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**ISO** Ucuna Uygundur. / Compatible with **ISO** Insert. / Kompatibel mit **ISO** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ATSMR-RD0702-D17-W16-L90-Z02
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*
Sıkma Tork Değeri : S 464 / *Tightening Torque : P 464* / *Anzugsmoment : P 464*

**ISO** Ucuna Uygundur. / Compatible with **ISO** Insert. / Kompatibel mit **ISO** Wendeplatten.

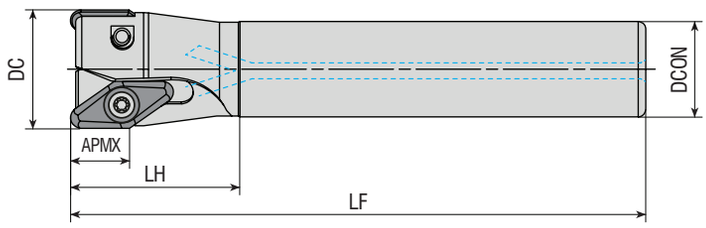
**KAPR=90°**

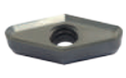



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCSFMS | TDZ | LF | DCON | APMX |  | | |
| **AEM90-DC07-D20-M10-L30-Z02-H** | ● | 20 | 2 | 18 | M10 | 30 | 10.5 | 7 | **DC.T 0702..** | 3008-M2.5x6 | 82-T08 |
| **AEM90-DC07-D25-M12-L35-Z03-H** | ● | 25 | 3 | 21 | M12 | 35 | 12.5 | 7 | | | |
| **AEM90-DC07-D32-M16-L43-Z04-H** | ● | 32 | 4 | 29 | M16 | 43 | 17 | 7 | | | |
| **AEM90-DC07-D40-M16-L43-Z05-H** | ● | 40 | 5 | 29 | M16 | 43 | 17 | 7 | | | |
| **AEM90-DC11-D32-M16-L43-Z03-H-F** | ● | 32 | 3 | 29 | M16 | 43 | 17 | 11 | **DC.T 11T3..** | 4015-M3.5x9 | 80-T15 |
| **AEM90-DC11-D40-M16-L43-Z03-H-F** | ● | 40 | 3 | 29 | M16 | 43 | 17 | 11 | | | |

F: Eksenel ve Radyal Salgı Değeri 0,02 mm içindedir. / F: Axial and Radial Runout Value is within 0,02 mm. / F: Der axiale und radiale Rundlaufwert liegt innerhalb von 0,02 mm.

**KAPR=90°**



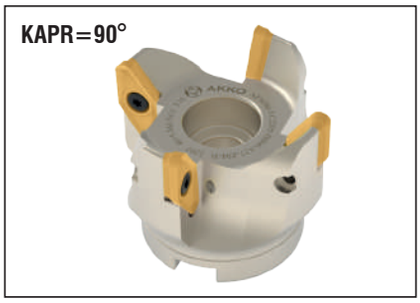

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | LH | APMX |  | | |
| **AEM90-VC2205-D32-C25-L150-Z02-H** | ● | 32 | 2 | 25 | 150 | 50 | 15 | **VCKT 2205..** | 4015-M4.5x11 | 80-T15 |
| **AEM90-VC2205-D40-C32-L150-Z03-H** | ● | 40 | 3 | 32 | 150 | 50 | 15 | | | |

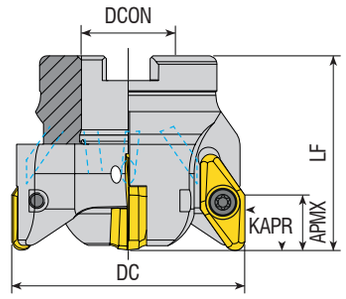
R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager*  ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**ISO** Ucuna Uygundur. / Compatible with **ISO** Insert. / Kompatibel mit **ISO** Wendeplatten.

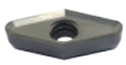
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AEM90-DC07-D20-M10-L30-Z02-H
Kesme Hesabı : S 465/ *Cutting Calculation : P 465* / *Schnittberechnung : P 465*

**ISO** Ucuna Uygundur. / Compatible with **ISO** Insert. / Kompatibel mit **ISO** Wendeplatten.

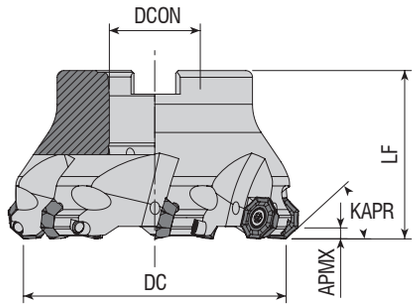
**KAPR=90°**






| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* | | | | | Kesici Uç / *Insert* / *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX |  | Sıkma Vidası / *Screw* / *Schraube* | Tork Anahtar / *Torx Key* / *Torx-Schlüssel* | Montaj Vidası / *Mounting Screw* / *Befestigungsschraube* |
| **AFM90-VC2205-D050-A22-Z03-H** | ● | 50 | 3 | 22 | 55 | 15 | **VCKT 2205..** | 4015-M4.5x11 | 80-T15 | 2508-M10x30 |
| **AFM90-VC2205-D063-A22-Z04-H** | ● | 63 | 4 | 22 | 55 | 15 | | | | |
| **AFM90-VC2205-D066-A27-Z04-H** | ● | 66 | 4 | 27 | 55 | 15 | | | | 2510-M12x35 |
| **AFM90-VC2205-D080-A27-Z05-H** | ● | 80 | 5 | 27 | 60 | 15 | | | | |

**KAPR=43°**




| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* | | | | | Kesici Uç / *Insert* / *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Sıkma Vidası / *Screw* / *Schraube* | Tork Anahtar / *Torx Key* / *Torx-Schlüssel* | Montaj Vidası / *Mounting Screw* / *Befestigungsschraube* |
| **AFM43-OF05T3-D050-A22-Z05-H** | ● | 50 | 5 | 22 | 40 | 3 | **OF.. 05T3..** | 4015-M4x9 | 80-T15 | 2407-M10x30 |
| **AFM43-OF05T3-D063-A22-Z06-H** | ● | 63 | 6 | 22 | 40 | 3 | | 4015-M4x11 | | |
| **AFM43-OF05T3-D080-A27-Z07-H** | ● | 80 | 7 | 27 | 50 | 3 | | | | 2510-M12x35 |
| **AFM43-OF05T3-D125-B40-Z09** | ● | 125 | 9 | 40 | 63 | 3 | | | | - |

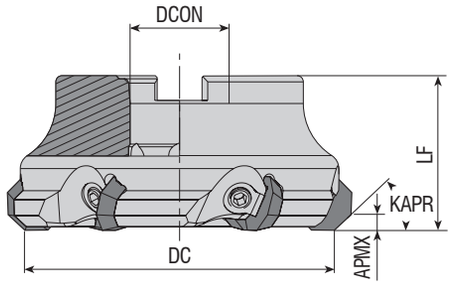
R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**ISO** Ucuna Uygundur. / Compatible with **ISO** Insert. / Kompatibel mit **ISO** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AFM90-VC2205-D050-A22-Z03-H

Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*
Sıkma Tork Değeri : S 464 / *Tightening Torque : P 464* / *Anzugsmoment : P 464*

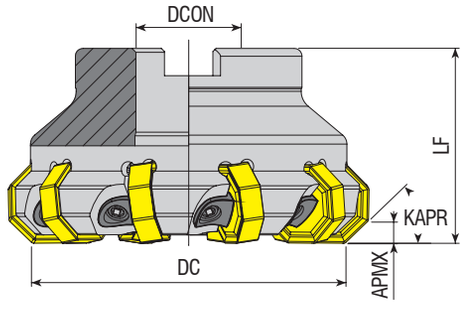
**ISO** Ucuna Uygundur. / Compatible with **ISO** Insert. / Kompatibel mit **ISO** Wendeplatten.

**KAPR=43°**




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Baskı Parçası *Wedge Clamp* *Spannpratze* | Baskı Vidası *Clamp Screw* *Klemmschraube* | Anahtar *Allen Key* *Innensechskantschlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| AFM43C-OF07-D063-A22-Z04 | ● | 63 | 4 | 22 | 45 | 5 | **OF.. 0704..** | ACK-11 | AKV-15-M8x1x20 | AAL-05-4 | 2508-M10x30 |
| AFM43C-OF07-D080-A27-Z05 | ● | 80 | 5 | 27 | 50 | 5 | | | | | 2510-M12x35 |
| AFM43C-OF07-D100-A32-Z06 | ● | 100 | 6 | 32 | 50 | 5 | | | | | 2514-M16x35 |
| AFM43C-OF07-D125-B40-Z08 | ● | 125 | 8 | 40 | 63 | 5 | | | | | - |
| AFM43C-OF07-D160-C40-Z09 | ● | 160 | 9 | 40 | 63 | 5 | | | | | |

**KAPR=45°**



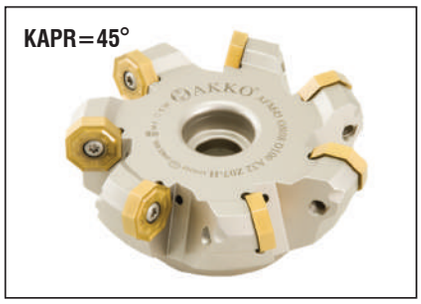

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Baskı Parçası *Wedge Clamp* *Spannpratze* | Baskı Vidası *Clamp Screw* *Klemmschraube* | Anahtar *Allen Key* *Innensechskantschlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| AFM45C-ON0806-D063-A22-Z08 | ● | 63 | 8 | 22 | 50 | 5.5 | **ON.. 0806..** | ACK-26 | AKV-26-M6x0.75x20 | AAL-03-3 | 2508-M10x30 |
| AFM45C-ON0806-D080-A27-Z10 | ● | 80 | 10 | 27 | 50 | 5.5 | | | | | 2510-M12x35 |
| AFM45C-ON0806-D100-A32-Z14 | ● | 100 | 14 | 32 | 50 | 5.5 | | | | | 2514-M16x35 |
| AFM45C-ON0806-D125-B40-Z18 | ● | 125 | 18 | 40 | 63 | 5.5 | | | | | - |
| AFM45C-ON0806-D160-C40-Z22 | ● | 160 | 22 | 40 | 63 | 5.5 | | | | | |

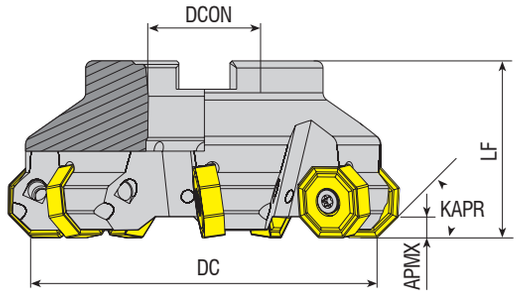
R: Sağ / Right / *Rechts*/ L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**ISO** Ucuna Uygundur. / Compatible with **ISO** Insert. / Kompatibel mit **ISO** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AFM43C-OF07-D063-A22-Z04
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*

**ISO** Ucuna Uygundur. / Compatible with **ISO** Insert. / Kompatibel mit **ISO** Wendeplatten.

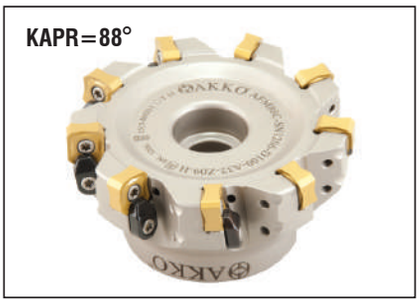
**KAPR=45°**

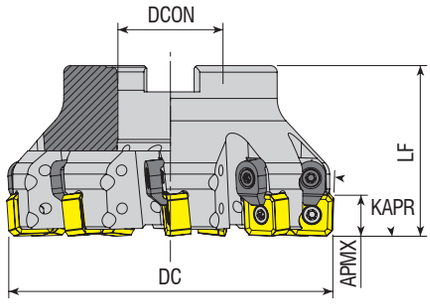





| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| AFM45-ON0806-D050-A22-Z04-H | ● | 50 | 4 | 22 | 40 | 5.5 | **ON.. 0806..** | 1020-M5x14 | 80-T20 | - |
| AFM45-ON0806-D063-A22-Z05-H | ● | 63 | 5 | 22 | 40 | 5.5 | | | | 2508-M10x30 |
| AFM45-ON0806-D063-A22-Z06-H | ● | 63 | 6 | 22 | 40 | 5.5 | | | | |
| AFM45-ON0806-D063-A22-Z07-H | ● | 63 | 7 | 22 | 40 | 5.5 | | | | 2508-M2510-M10X30 |
| AFM45-ON0806-D080-A27-Z06-H | ● | 80 | 6 | 27 | 50 | 5.5 | | | | 2510-M12x35 |
| AFM45-ON0806-D080-A27-Z08-H | ● | 80 | 8 | 27 | 50 | 5.5 | | | | |
| AFM45-ON0806-D100-A32-Z07-H | ● | 100 | 7 | 32 | 50 | 5.5 | | | | |
| AFM45-ON0806-D100-A32-Z10 | ● | 100 | 10 | 32 | 50 | 5.5 | | | | 2514-M16x35 |
| AFM45-ON0806-D100-A32-Z10-H | ● | 100 | 10 | 32 | 50 | 5.5 | | | | |
| AFM45L-ON0806-D100-A32-Z10-H | ● | 100 | 10 | 32 | 50 | 5.5 | | | | |
| AFM45-ON0806-D125-B40-Z08 | ● | 125 | 8 | 40 | 63 | 5.5 | | | | |
| AFM45L-ON0806-D125-B40-Z08 | ● | 125 | 8 | 40 | 63 | 5.5 | | | | |
| AFM45-ON0806-D125-B40-Z12 | ● | 125 | 12 | 40 | 63 | 5.5 | | | | |
| AFM45-ON0806-D160-C40-Z10 | ● | 160 | 10 | 40 | 63 | 5.5 | | | | |
| AFM45-ON0806-D160-C40-Z14 | ● | 160 | 14 | 40 | 63 | 5.5 | | | | |
| AFM45-ON0806-D200-C60-Z12 | ● | 200 | 12 | 60 | 63 | 5.5 | | | | |
| AFM45-ON0806-D250-C60-Z14 | ● | 250 | 14 | 60 | 63 | 5.5 | | | | |
| AFM45-ON0806-D315-D60-Z16 | ● | 315 | 16 | 60 | 63 | 5.5 | | | | |

**KAPR=88°**






| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Baskı Parçası *Wedge Clamp* *Spannpratze* | Baskı Vidası *Clamp Screw* *Klemmschraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| AFM88C-SN12..-D050-A22-Z05-H | ● | 50 | 5 | 22 | 40 | 11.5 | **SN.. 12..** | 1015-M4x11 | ACK-05 | 4015-M4x11 | 80-T15 | 2508-M10x30 |
| AFM88C-SN12..-D063-A22-Z06-H | ● | 63 | 6 | 22 | 40 | 11.5 | | | | | | |
| AFM88C-SN12..-D080-A27-Z07-H | ● | 80 | 7 | 27 | 50 | 11.5 | | | | | | 2510-M12x35 |
| AFM88C-SN12..-D100-A32-Z09-H | ● | 100 | 9 | 32 | 52 | 11.5 | | | | | | 2514-M16x35 |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*

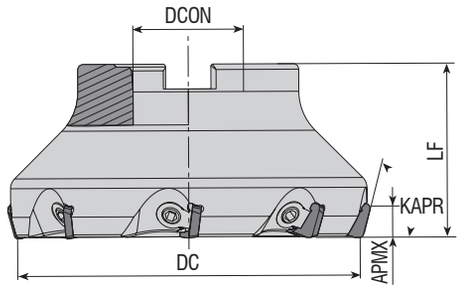
● *Stokta / In Stock / Auf Lager* ○ *Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage*

**ISO** Ucuna Uygundur. / Compatible with **ISO** Insert. / Kompatibel mit **ISO** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AFM45-ON0806-D050-A22-Z04-H
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*
Montaj Ölçüleri : S 462 / *Mounting Reference : P 462* / *Montagehinweis : P462*

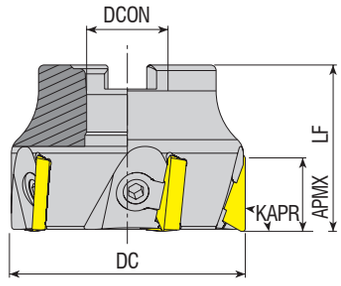
**ISO** Ucuna Uygundur. / Compatible with **ISO** Insert. / Kompatibel mit **ISO** Wendeplatten.

**KAPR=75°**




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX |  | Baskı Parçası *Wedge Clamp* *Spannpratze* | Baskı Vidası *Clamp Screw* *Klemmschraube* | Anahtar *Allen Key* *Innensechskantschlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| **AFM75C-SP12-D050-A22-Z04** | ● | 50 | 4 | 22 | 42 | 8 | **SPKN 1203..** | ACK-10 | AKV-22-M8x1x14 | AAL-05-4 | 2508-M10x30 |
| **AFM75C-SP12-D063-A22-Z05** | ● | 63 | 5 | 22 | 40 | 8 | | | | | |
| **AFM75C-SP12-D080-A27-Z06** | ● | 80 | 6 | 27 | 50 | 8 | | | | | 2510-M12x35 |
| **AFM75C-SP12-D100-A32-Z07** | ● | 100 | 7 | 32 | 50 | 8 | | | AKV-13-M8x1x16 | | 2514-M16x35 |
| **AFM75C-SP12-D125-B40-Z08** | ● | 125 | 8 | 40 | 63 | 8 | | | | | |
| **AFM75C-SP12-D160-C40-Z09** | ● | 160 | 9 | 40 | 63 | 8 | | | | | - |
| **AFM75C-SP12-D200-C60-Z12** | ● | 200 | 12 | 60 | 63 | 8 | | | | | |

**KAPR=90°**




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Baskı Parçası *Wedge Clamp* *Spannpratze* | Baskı Vidası *Clamp Screw* *Klemmschraube* | Anahtar *Allen Key* *Innensechskantschlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| **AFM90C-TP16-D050-A22-Z04** | ● | 50 | 4 | 22 | 40 | 12 | **TP.. 1603..** | ACK-10 | AKV-22-M8x1x14 | AAL-05-4 | 2407-M10x30 |
| **AFM90C-TP16-D063-A22-Z06** | ● | 63 | 6 | 22 | 45 | 12 | | | AKV-13-M8x1x16 | | 2508-M10x30 |
| **AFM90C-TP16-D080-A27-Z07** | ● | 80 | 7 | 27 | 50 | 12 | | | | | 2510-M12x35 |
| **AFM90C-TP16-D100-A32-Z08** | ● | 100 | 8 | 32 | 50 | 12 | | | | | 2514-M16x35 |
| **AFM90C-TP16-D125-B40-Z08** | ● | 125 | 8 | 40 | 63 | 12 | | | | | - |
| **AFM90C-TP22-D063-A22-Z05** | ● | 63 | 5 | 22 | 45 | 18 | **TP.. 2204..** | ACK-11 | AKV-14-M8x1x18 | | 2508-M10x30 |
| **AFM90C-TP22-D080-A27-Z06** | ● | 80 | 6 | 27 | 50 | 18 | | | | | 2510-M12x35 |
| **AFM90C-TP22-D100-A32-Z07** | ● | 100 | 7 | 32 | 50 | 18 | | | | | 2514-M16x35 |
| **AFM90C-TP22-D125-B40-Z08** | ● | 125 | 8 | 40 | 63 | 18 | | | | | - |
| **AFM90C-TP22-D160-C40-Z09** | ● | 160 | 9 | 40 | 63 | 18 | | | | | |
| **AFM90C-TP22-D200-C60-Z12** | ● | 200 | 12 | 60 | 63 | 18 | | | | | |
| **AFM90C-TP22-D250-C60-Z15** | ● | 250 | 15 | 60 | 63 | 18 | | | | | |
| **AFM90C-TP22-D315-D60-Z18** | ● | 315 | 18 | 60 | 63 | 18 | | | | | |

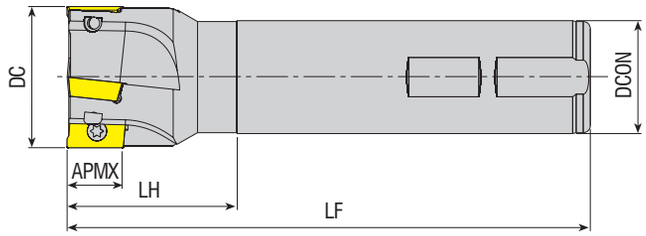
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*

● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

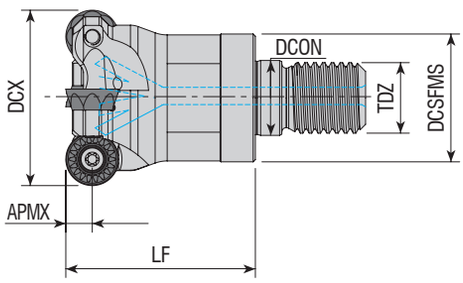
**ISO** Ucuna Uygundur. / Compatible with **ISO** Insert. / Kompatibel mit **ISO** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AFM75C-SP12-D050-A22-Z04
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*

**ACHTK** Ucuna Uygundur. / Compatible with **ACHTK** Insert. / Kompatibel mit **ACHTK** Wendeplatten.




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | LH | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| AEM90-AP1135A-D14-C16-L150-Z01 | ● | 14 | 1 | 16 | 150 | 40 | 9.5 | **APMT 1135..** | 3008-M2.5x5 | 82-T08 |
| AEM90-AP1135A-D16-C16-L150-Z02 | ● | 16 | 2 | 16 | 150 | 40 | 9.5 | | | |
| AEM90-AP1135A-D16-C16-L200-Z02 | ● | 16 | 2 | 16 | 200 | 100 | 9.5 | | | |
| AEM90-AP1135A-D16-C16-L250-Z02 | ● | 16 | 2 | 16 | 250 | 150 | 9.5 | | | |
| AEM90-AP1135A-D17-C16-L180-Z02 | ● | 17 | 2 | 16 | 180 | 30 | 9.5 | | | |
| AEM90-AP1135A-D20-C20-L150-Z03 | ● | 20 | 3 | 20 | 150 | 50 | 9.5 | | 3008-M2.5x6 | |
| AEM90-AP1135A-D20-C20-L200-Z02 | ● | 20 | 2 | 20 | 200 | 100 | 9.5 | | | |
| AEM90-AP1135A-D21-C20-L180-Z02 | ● | 21 | 2 | 20 | 180 | 30 | 9.5 | | | |
| AEM90-AP1135A-D25-C25-L200-Z03 | ● | 25 | 3 | 25 | 200 | 100 | 9.5 | | | |
| AEM90-AP1135A-D26-C25-L250-Z02 | ● | 26 | 2 | 25 | 250 | 35 | 9.5 | | | |
| AEM90-AP1135A-D33-C32-L250-Z02 | ● | 33 | 2 | 32 | 250 | 35 | 9.5 | | | |



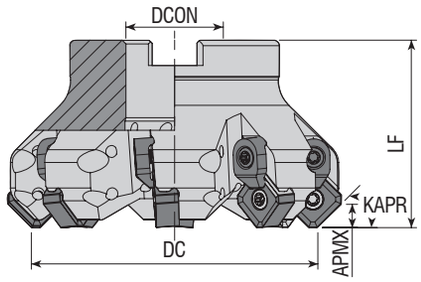

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | DCSFMS | TDZ | LF | DCON | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| AEMR-RP10T3A-D32-M16-L43-Z04-H | ● | 32 | 4 | 29 | M16 | 43 | 17 | 5 | **RPMW 10T3..** | 4015-M3.5x9 | 80-T15 |
| AEMR-RP10T3A-D42-M16-L43-Z05-H | ● | 42 | 5 | 29 | M16 | 43 | 17 | 5 | | | |

R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager*  ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**ACHTK** Ucuna Uygundur. / Compatible with **ACHTK** Insert. / Kompatibel mit **ACHTK** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AEM90-AP1135A-D14-C16-L150-Z01
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*

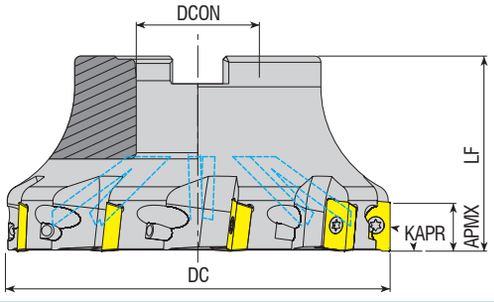
**ACHTK** Ucuna Uygundur. / Compatible with **ACHTK** Insert. / Kompatibel mit **ACHTK** Wendeplatten.

**KAPR=45°**




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Baskı Parçası *Wedge Clamp* *Spannpratze* | Baskı Vidası *Clamp Screw* *Klemmschraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| AFM45C-SN12..-D050-A22-Z04-H | ● | 50 | 4 | 22 | 42 | 6 | SN.. 12.. | 1015-M4x11 | ACK-05 | 4015-M4x11 | 80-T15 | 2407-M10X30 |
| AFM45C-SN12..-D050-A22-Z05-H | ● | 50 | 5 | 22 | 42 | 6 | | | | | | |
| AFM45C-SN12..-D063-A22-Z06-H | ● | 63 | 6 | 22 | 42 | 6 | | | | | | |
| AFM45C-SN12..-D063-A22-Z07-H | ● | 63 | 7 | 22 | 42 | 6 | | | | | | |
| AFM45CL-SN12..-D063-A22-Z07-H | ● | 63 | 7 | 22 | 42 | 6 | | | | | | |
| AFM45C-SN12..-D080-A27-Z07-H | ● | 80 | 7 | 27 | 52 | 6 | | | | | | 2510-M12x35 |
| AFM45C-SN12..-D080-A27-Z08-H | ● | 80 | 8 | 27 | 52 | 6 | | | | | | |
| AFM45CL-SN12..-D080-A27-Z08-H | ● | 80 | 8 | 27 | 52 | 6 | | | | | | |
| AFM45C-SN12..-D100-A32-Z08-H | ● | 100 | 8 | 32 | 52 | 6 | | | | | | 2514-M16x35 |
| AFM45C-SN12..-D100-A32-Z10-H | ● | 100 | 10 | 32 | 52 | 6 | | | | | | |
| AFM45CL-SN12..-D100-A32-Z10-H | ● | 100 | 10 | 32 | 52 | 6 | | | | | | |
| AFM45C-SN12..-D125-B40-Z11 | ● | 125 | 11 | 40 | 65 | 6 | | | | | | - |
| AFM45CL-SN12..-D125-B40-Z11 | ● | 125 | 11 | 40 | 65 | 6 | | | | | | |
| AFM45C-SN12..-D160-C40-Z12 | ● | 160 | 12 | 40 | 65 | 6 | | | | | | |
| AFM45C-SN12..-D200-C60-Z14 | ● | 200 | 14 | 60 | 65 | 6 | | | | | | |
| AFM45CL-SN12..-D200-C60-Z14 | ● | 200 | 14 | 60 | 65 | 6 | | | | | | |

**KAPR=90°**




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| AFM90-AP16A-D040-A16-Z04-H | ● | 40 | 4 | 16 | 40 | 15 | AP.. 1604.. | 4015-M4x11 | 80-T15 | 2506-M8x30 |
| AFM90-AP16A-D050-A22-Z05-H | ● | 50 | 5 | 22 | 40 | 15 | | | | 2508-M10x30 |
| AFM90-AP16A-D063-A22-Z06-H | ● | 63 | 6 | 22 | 40 | 15 | | | | 2510-M12x35 |
| AFM90-AP16A-D080-A27-Z07-H | ● | 80 | 7 | 27 | 50 | 15 | | | | 2514-M16x35 |
| AFM90-AP16A-D100-A32-Z08-H | ● | 100 | 8 | 32 | 50 | 15 | | | | |
| AFM90-AP16A-D125-B40-Z09 | ● | 125 | 9 | 40 | 63 | 15 | | | | - |

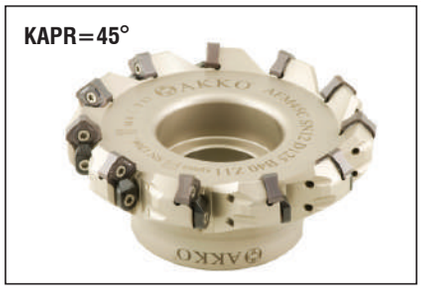
R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*

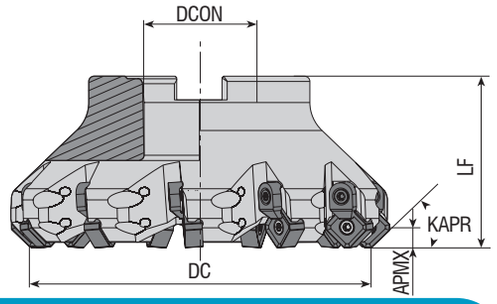
● Stokta / In Stock / *Auf Lager*  ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

**ACHTK** Ucuna Uygundur. / Compatible with **ACHTK** Insert. / Kompatibel mit **ACHTK** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AFM45C-SN12..-D050-A22-Z04-H
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*

## **BHLR** Ucuna Uygundur. / Compatible with **BHLR** Insert. / Kompatibel mit **BHLR** Wendeplatten.

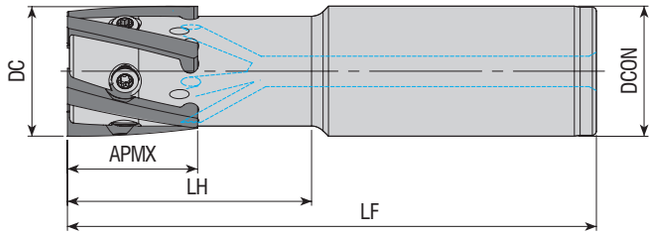



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Baskı Parçası *Wedge Clamp* *Spannpratze* | Baskı Vidası *Clamp Screw* *Klemmschraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| AFM45C-SN1206-D050-A22-Z04-H | ● | 50 | 4 | 22 | 42 | 6 | **SN.. 1206..** | 4015-M4x11 | ACK-05 | 4015-M4x11 | 80-T15 | 2407-M10x30 |
| AFM45CL-SN1206-D050-A22-Z05-H | ● | 50 | 5 | 22 | 42 | 6 | | | | | | |
| AFM45C-SN1206-D050-A22-Z05-H | ● | 50 | 5 | 22 | 42 | 6 | | | | | | |
| AFM45C-SN1206-D063-A22-Z06-H | ● | 63 | 6 | 22 | 42 | 6 | | | | | | |
| AFM45C-SN1206-D063-A22-Z07-H | ● | 63 | 7 | 22 | 42 | 6 | | | | | | |
| AFM45CL-SN1206-D063-A22-Z07-H | ● | 63 | 7 | 22 | 42 | 6 | | | | | | |
| AFM45C-SN1206-D080-A27-Z07-H | ● | 80 | 7 | 27 | 52 | 6 | | | | | | |
| AFM45C-SN1206-D080-A27-Z08-H | ● | 80 | 8 | 27 | 52 | 6 | | | | | | |
| AFM45CL-SN1206-D080-A27-Z08-H | ● | 80 | 8 | 27 | 52 | 6 | | | | | | 2510-M12x35 |
| AFM45C-SN1206-D100-A32-Z08-H | ● | 100 | 8 | 32 | 52 | 6 | | | | | | |
| AFM45C-SN1206-D100-A32-Z10-H | ● | 100 | 10 | 32 | 52 | 6 | | | | | | 2514-M16x35 |
| AFM45CL-SN1206-D100-A32-Z10-H | ● | 100 | 10 | 32 | 52 | 6 | | | | | | |
| AFM45C-SN1206-D125-B40-Z11 | ● | 125 | 11 | 40 | 65 | 6 | | | | | | |
| AFM45CL-SN1206-D125-B40-Z11 | ● | 125 | 11 | 40 | 65 | 6 | | | | | | |
| AFM45C-SN1206-D160-C40-Z12 | ● | 160 | 12 | 40 | 65 | 6 | | | | | | |
| AFM45CL-SN1206-D160-C40-Z12 | ● | 160 | 12 | 40 | 65 | 6 | | 1015-M4x11 | | | | - |
| AFM45C-SN1206-D200-C60-Z14 | ● | 200 | 14 | 60 | 65 | 6 | | | | | | |
| AFM45CL-SN1206-D200-C60-Z14 | ● | 200 | 14 | 60 | 65 | 6 | | | | | | |

**BHLR** Ucuna Uygundur. / Compatible with **BHLR** Insert. / Kompatibel mit **BHLR** Wendeplatten.

## **CPT** Ucuna Uygundur. / Compatible with **CPT** Insert. / Kompatibel mit **CPT** Wendeplatten.



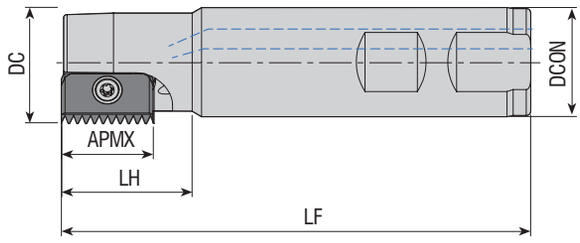

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | LH | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| ATM-H23-D23-C25-L100-Z02-H | ● | 23 | 2 | 25 | 100 | 30 | 27 | **H23** | 1015-M4x8 | 80-T15 |
| ATM-H32-D32-C32-L130-Z05-H | ● | 32 | 5 | 32 | 130 | 35 | 32 | **H32** | 1720-U8-32x10 | 80-T20 |

**CPT** Ucuna Uygundur. / Compatible with **CPT**Insert. / Kompatibel mit **CPT**Wendeplatten.

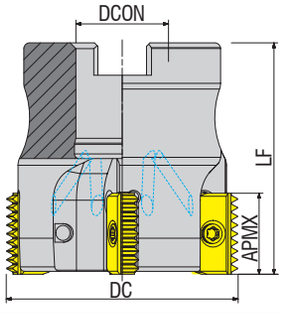
Kesme Hesabı : S 465/ *Cutting Calculation : P 465* / *Schnittberechnung : P 465*

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AFM45C-SN1206-D050-A22-Z04-H

**CPT** Ucuna Uygundur. / Compatible with **CPT** Insert. / Kompatibel mit **CPT** Wendeplatten.




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | LH | APMX | | | |
| ATM-C14-D14-W20-L100-Z01-H | ● | 14 | 1 | 20 | 100 | 25 | 14 | **C14** | 3008-M2.5x6 | 82-T08 |
| ATM-C21-D18-W20-L100-Z01-H | ● | 18 | 1 | 20 | 100 | 30 | 21 | **C21** | 4015-M4x9 | 80-T15 |
| ATM-C21-D21-W25-L125-Z01-H | ● | 21 | 1 | 25 | 125 | 40 | 21 | | | |
| ATM-C21-D25-W20-L125-Z01-H | ● | 25 | 1 | 20 | 125 | 30 | 21 | | | |
| ATM-C21-D28-W25-L90-Z01-H | ● | 28 | 1 | 25 | 90 | 30 | 21 | | 4015-M4x11 | |
| ATM-C21-D38-W32-L90-Z03-H | ● | 38 | 3 | 32 | 90 | 30 | 21 | | | |
| ATM-C21-D38-W32-L120-Z03-H | ● | 38 | 3 | 32 | 120 | 40 | 21 | | | |
| ATM-C21-D43-W32-L90-Z03-H | ● | 43 | 3 | 32 | 90 | 30 | 21 | | | |
| ATM-C30-D29-W25-L150-Z01-H | ● | 29 | 1 | 25 | 150 | 50 | 30 | **C30** | 1020-M5x14 | 80-T20 |



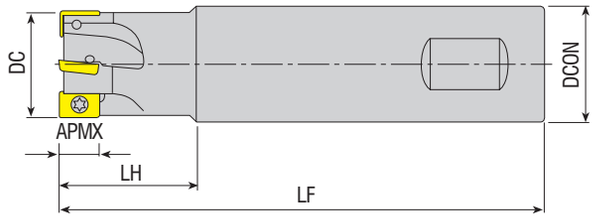

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | | | |
| ATM-C14-D040-A16-Z04-H | ● | 40 | 4 | 16 | 40 | 14 | **C14** | 3008-M2.5x6 | 82-T08 | 2506-M8x30 |
| ATM-C21-D063-A22-Z04-H | ● | 63 | 4 | 22 | 40 | 21 | **C21** | 4015-M4x11 | 80-T15 | 2508-M10x30 |

R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**CPT** Ucuna Uygundur. / Compatible with **CPT** Insert. / Kompatibel mit **CPT** Wendeplatten.

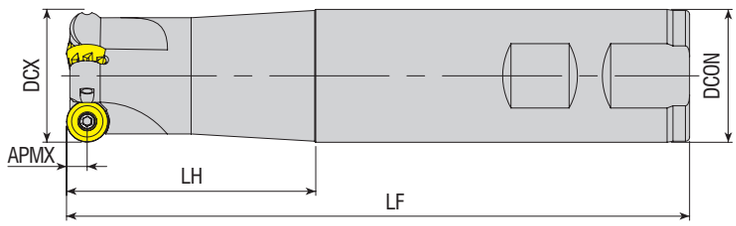
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ATM-C14-D14-W20-L100-Z01-H
Kesme Hesabı : S 465/ *Cutting Calculation : P 465* / *Schnittberechnung : P 465*

**CRTZT** Ucuna Uygundur. / Compatible with **CRTZT** Insert. / Kompatibel mit **CRTZT** Wendeplatten.

**KAPR=90°**




| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* | | | | | | Kesici Uç / *Insert* / *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | LH | APMX | | Sıkma Vidası / *Screw* / *Schraube* | Tork Anahtar / *Torx Key* / *Torx-Schlüssel* |
| AEM90-XD11T3-D16-W16-L150-Z02 | ● | 16 | 2 | 16 | 150 | 30 | 10 | **XD.T 11T3..** | 3008-M2.5x5 | 82-T08 |
| AEM90-XD11T3-D17-C16-L150-Z02 | ● | 17 | 2 | 16 | 150 | 30 | 10 | | | |
| AEM90-XD11T3-D20-W20-L150-Z03 | ● | 20 | 3 | 20 | 150 | 50 | 10 | | | |
| AEM90-XD11T3-D21-C20-L080-Z03-H | ● | 21 | 3 | 20 | 80 | 25 | 10 | | | |
| AEM90-XD11T3-D21-C20-L150-Z03 | ● | 21 | 3 | 20 | 150 | 30 | 10 | | 3008-M2.5x6 | |
| AEM90-XD11T3-D25-W25-L150-Z04 | ● | 25 | 4 | 25 | 150 | 50 | 10 | | | |
| AEM90-XD11T3-D30-W25-L120-Z04 | ● | 30 | 4 | 25 | 120 | 30 | 10 | | | |
| AEM90-XD11T3-D32-W32-L150-Z04 | ● | 32 | 4 | 32 | 150 | 50 | 10 | | | |
| AEM90-XD11T3-D33-C20-L080-Z04-H | ● | 33 | 4 | 20 | 80 | 30 | 10 | | | |




| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* | | | | | | Kesici Uç / *Insert* / *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | DCON | LF | LH | APMX | | Sıkma Vidası / *Screw* / *Schraube* | Baskı Parçası / *Wedge Clamp* / *Spannpratze* | Baskı Vidası / *Clamp Screw* / *Schraube* | Tork Anahtar / *Torx Key* / *Torx-Schlüssel* |
| AEMR-RP10T3-D25-W25-L125-Z02 | ● | 25 | 2 | 25 | 125 | 60 | 5 | **RPNX 10T3..** | 4010-M3x8 | - | - | 82-T10 |
| AEMR-RP10T3-D25-W25-L150-Z02 | ● | 25 | 2 | 25 | 150 | 60 | 5 | | | | | |
| AEMR-RP10T3-D32-W32-L150-Z03 | ● | 32 | 3 | 32 | 150 | 60 | 5 | | | | | |

R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*

● Stokta / In Stock / *Auf Lager*  ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

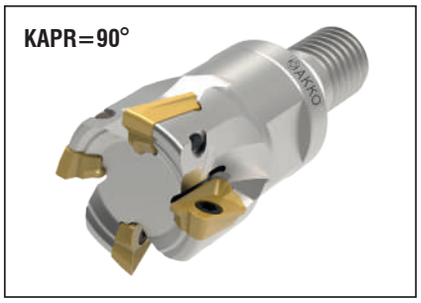
**CRTZT** Ucuna Uygundur. / Compatible with **CRTZT** Insert. / Kompatibel mit **CRTZT** Wendeplatten.

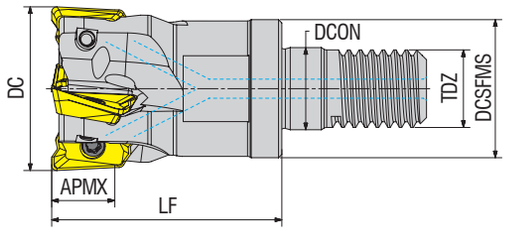
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AEM90-XD11T3-D16-W16-L150-Z02
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*
Sıkma Tork Değeri : S 464 / *Tightening Torque : P 464* / *Anzugsmoment : P 464*

**CRTZT** Ucuna Uygundur. / Compatible with **CRTZT** Insert. / Kompatibel mit **CRTZT** Wendeplatten.

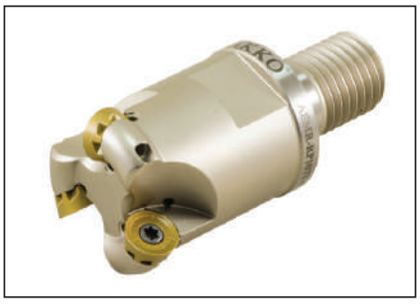
new

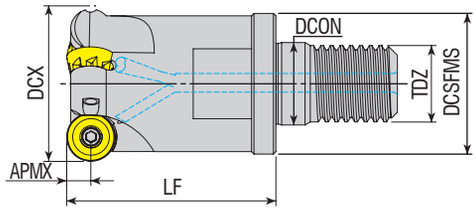
**KAPR=90°**






| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCSFMS | TDZ | LF | DCON | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| **AEM90-XD11T3-D20-M10-L33-Z03-H** | ● | 20 | 3 | 18 | M10 | 33 | 10.5 | 10 | **XD.. 11T3..** | 3008-M2.5x6 | 82-T08 |
| **AEM90-XD11T3-D25-M12-L35-Z04-H** | ● | 25 | 4 | 21 | M12 | 35 | 12.5 | 10 | | | |
| **AEM90-XD11T3-D32-M16-L35-Z05-H** | ● | 32 | 5 | 29 | M16 | 35 | 17 | 10 | | | |
| **AEM90-XD19-D32-M16-L52-Z03-H** | ● | 32 | 3 | 29 | M16 | 52 | 17 | 18 | **XD.. 1904..** | 3015-M4x9 | 80-T15 |






| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | DCSFMS | TDZ | LF | DCON | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| **AEMR-RP10T3-D25-M12-L35-Z02-H** | ● | 25 | 2 | 21 | M12 | 35 | 12.5 | 5 | **RPNX 10T3..** | 4010-M3x8 | 82-T10 |
| **AEMR-RP10T3-D32-M16-L43-Z03-H** | ● | 32 | 3 | 29 | M16 | 43 | 17 | 5 | | | |
| **AEMR-RP1204-D32-M16-L43-Z03-H** | ● | 32 | 3 | 29 | M16 | 43 | 17 | 6 | **RPNX 1204..** | 4015-M3.5x11 | 80-T15 |

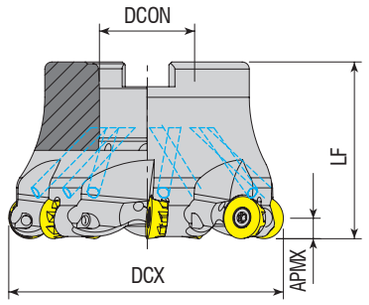
R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*

● Stokta / In Stock / *Auf Lager*  ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

**CRTZT** Ucuna Uygundur. / Compatible with **CRTZT** Insert. / Kompatibel mit **CRTZT** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AEM90-XD11T3-D20-M10-L33-Z03-H
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*
Sıkma Tork Değeri : S 464 / *Tightening Torque : P 464* / *Anzugsmoment : P 464*

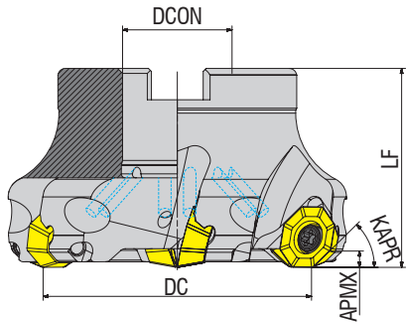
**CRTZT** Ucuna Uygundur. / Compatible with **CRTZT** Insert. / Kompatibel mit **CRTZT** Wendeplatten.




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| **AFMR-RP10T3-D063-A22-Z06-H** | ● | 63 | 6 | 22 | 40 | 5 | **RPNX 10T3..** | 4010-M3x8 | 82-T10 | 2508-M10x30 |
| **AFMR-RP10T3-D080-A27-Z07-H** | ● | 80 | 7 | 27 | 50 | 5 | | | | 2510-M12x35 |
| **AFMR-RP1204-D040-A16-Z04-H** | ● | 40 | 4 | 16 | 40 | 6 | **RPNX 1204..** | 4015-M3.5x11 | 80-T15 | 2406-M8x30 |
| **AFMR-RP1204-D050-A22-Z05-H** | ● | 50 | 5 | 22 | 40 | 6 | | | | 2508-M10x30 |
| **AFMR-RP1204-D080-A27-Z07-H** | ● | 80 | 7 | 27 | 50 | 6 | | | | 2510-M12x35 |

new

**KAPR=43°**



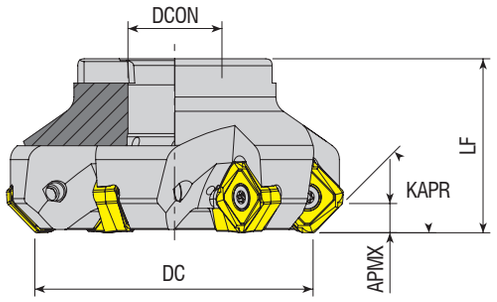

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Anahtar *Allen Key* Innensechskantschlüssel | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| **AFM43-OF0504-D050-A22-Z05-H** | ● | 50 | 5 | 22 | 40 | 6 | **OF.. 0504** | 1115-M3.5x9 | 80-T15 | 2508-M10x30 |
| **AFM43-OF0504-D063-A22-Z06-H** | ● | 63 | 6 | 22 | 40 | 6 | | | | |
| **AFM43-OF0504-D080-A27-Z08-H** | ● | 80 | 8 | 27 | 50 | 6 | | | | 2510-M12x35 |

R: Sağ / Right / *Rechts*l L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**CRTZT** Ucuna Uygundur. / Compatible with **CRTZT** Insert. / Kompatibel mit **CRTZT** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stücк AFMR-RP10T3-D063-A22-Z06-H
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*
Sıkma Tork Değeri : S 464 / *Tightening Torque : P 464* / *Anzugsmoment : P 464*

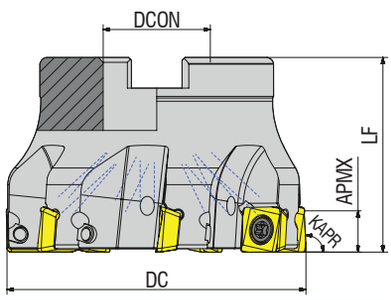
**CRTZT** Ucuna Uygundur. / Compatible with **CRTZT** Insert. / Kompatibel mit **CRTZT** Wendeplatten.

**KAPR=45°**




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| **AFM45-SA1706-D080-A27-Z06-H** | ● | 80 | 6 | 27 | 50 | 8.4 | **SAKU 1706..** | 1020-M5x14 | 80-T20 | 2510-M12x35 |
| **AFM45-SA1706-D100-A32-Z07-H** | ● | 100 | 7 | 32 | 50 | 8.4 | | | | 2514-M16x35 |
| **AFM45-SA1706-D125-B40-Z09** | ● | 125 | 9 | 40 | 63 | 8.4 | | | | - |

**KAPR=90°**



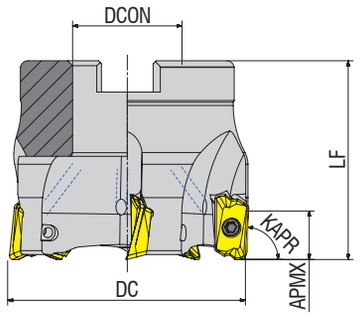

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| **AFM90-SD09T3C-D050-A22-Z06-H** | ● | 50 | 6 | 22 | 40 | 9 | **SD.. 09T3..** | 4015-M3.5X8 | 2508-M10x30 | 82-T15 |
| **AFM90-SD09T3C-D063-A22-Z07-H** | ● | 63 | 7 | 22 | 40 | 9 | | 4015-M3.5X9 | | |

R: Sağ / Right / *Rechts*/ L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

**CRTZT** Ucuna Uygundur. / Compatible with **CRTZT** Insert. / Kompatibel mit **CRTZT** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AFM45-SA1706-D080-A27-Z06-H
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*
Sıkma Tork Değeri : S 464 / *Tightening Torque : P 464* / *Anzugsmoment : P 464*

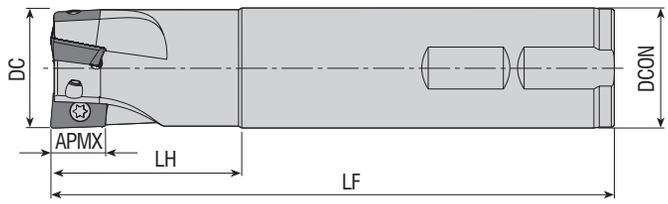
**CRTZT** Ucuna Uygundur. / Compatible with **CRTZT** Insert. / Kompatibel mit **CRTZT** Wendeplatten.




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| AFM90-XD11T3-D050-A22-Z05-H | ● | 50 | 5 | 22 | 40 | 10 | **XD.. 11T3..** | 3008-M2.5x6 | 82-T08 | 2508-M10x30 |
| AFM90-XD11T3-D063-A22-Z06-H | ● | 63 | 6 | 22 | 40 | 10 | | | | |
| AFM90-XD19-D050-A22-Z04-H | ● | 50 | 4 | 22 | 50 | 18 | **XD.. 1904..** | 3015-M4x11 | 80-T15 | |
| AFM90-XD19-D063-A22-Z05-H | ● | 63 | 5 | 22 | 50 | 18 | | | | |

**CRTZT** Ucuna Uygundur. / Compatible with **CRTZT** Insert. / Kompatibel mit **CRTZT** Wendeplatten.

**DJT** Ucuna Uygundur. / Compatible with **DJT** Insert. / Kompatibel mit **DJT** Wendeplatten.



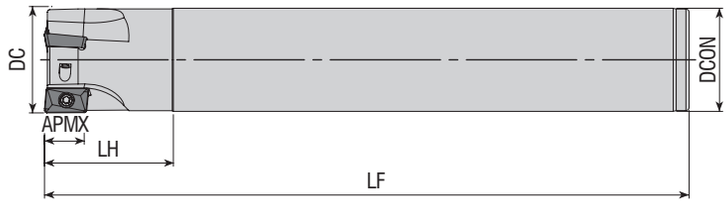

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | LH | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| AEM90-AD1003-D16-C16-L150-Z02 | ● | 16 | 2 | 16 | 150 | 30 | 8 | **ADMT 1003..** | 3008-M2.5x5 | 82-T08 |
| AEM90-AD1003-D17-C16-L150-Z02 | ● | 17 | 2 | 16 | 150 | 25 | 8 | | | |
| AEM90-AD1003-D20-C20-L200-Z03 | ● | 20 | 3 | 20 | 200 | 50 | 8 | | 3008-M2.5x6 | |
| AEM90-AD1003-D21-C20-L150-Z03 | ● | 21 | 3 | 20 | 150 | 25 | 8 | | | |
| AEM90-AD1003-D21-C20-L200-Z03 | ● | 21 | 3 | 20 | 200 | 25 | 8 | | | |
| AEM90-AD1003-D25-C25-L200-Z03 | ● | 25 | 3 | 25 | 200 | 50 | 8 | | | |
| AEM90-AD1003-D26-C25-L150-Z03 | ● | 26 | 3 | 25 | 150 | 30 | 8 | | | |
| AEM90-AD1003-D26-C25-L200-Z03 | ● | 26 | 3 | 25 | 200 | 30 | 8 | | | |
| AEM90-AD1505D-D25-W25-L150-Z02 | ● | 25 | 2 | 25 | 150 | 50 | 14.3 | **ADKT 1505..** | 4015-M4x9 | 80-T15 |
| AEM90-AD1505D-D32-W32-L150-Z03 | ● | 32 | 3 | 32 | 150 | 50 | 14.3 | | 4015-M4x11 | |

R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**DJT** Ucuna Uygundur. / Compatible with **DJT** Insert. / Kompatibel mit **DJT** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AFM90-XD11T3-D050-A22-Z05-H
Kesme Hesabı : S 465/ *Cutting Calculation : P 465* / *Schnittberechnung : P 465*

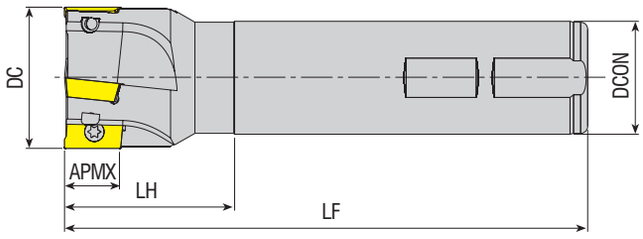
**DJT** Ucuna Uygundur. / Compatible with **DJT** Insert. / Kompatibel mit **DJT** Wendeplatten.

**KAPR=90°**




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | LH | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| **AEM90-ZP13T3-D26-C25-L200-Z02** | ● | 26 | 2 | 25 | 200 | 35 | 13 | **ZPMT 13T3..** | 4010-M3x8 | 82-T10 |
| **AEM90-ZP13T3-D26-C25-L200-Z03** | ● | 26 | 3 | 25 | 200 | 35 | 13 | | | |
| **AEM90-ZP13T3-D26-C25-L250-Z02** | ● | 26 | 2 | 25 | 250 | 35 | 13 | | | |
| **AEM90-ZP13T3-D33-C32-L200-Z03** | ● | 33 | 3 | 32 | 200 | 40 | 13 | | | |
| **AEM90-ZP13T3-D33-C32-L250-Z03** | ● | 33 | 3 | 32 | 250 | 40 | 13 | | | |

**KAPR=90°**



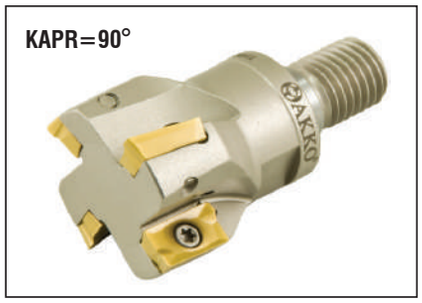

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | LH | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| **AEM90-AP10D-D16-W16-L150-Z02** | ● | 16 | 2 | 16 | 150 | 50 | 10 | **AP.. 1003..** | 3008-M2.5x6 | 82-T08 |
| **AEM90-AP10D-D20-W20-L150-Z03** | ● | 20 | 3 | 20 | 150 | 50 | 10 | | 3008-M2.5x5 | |
| **AEM90-AP10D-D25-W20-L150-Z03** | ● | 25 | 3 | 20 | 150 | 30 | 10 | | 3008-M2.5x6 | |
| **AEM90-AP16DJ-D25-W25-L150-Z02** | ● | 25 | 2 | 25 | 150 | 50 | 16 | **AP.. 1604..** | 4015-M4x9 | 80-T15 |
| **AEM90-AP16DJ-D25-C25-L200-Z02** | ● | 25 | 2 | 25 | 200 | 50 | 16 | | | |
| **AEM90-AP16DJ-D32-W32-L150-Z03** | ● | 32 | 3 | 32 | 150 | 50 | 16 | | | |
| **AEM90-AP16DJ-D32-C32-L180-Z03** | ● | 32 | 3 | 32 | 180 | 50 | 16 | | | |
| **AEM90-AP16DJ-D32-C32-L200-Z03** | ● | 32 | 3 | 32 | 200 | 50 | 16 | | | |

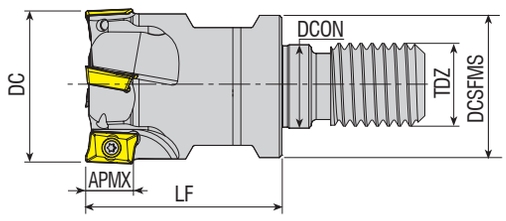
R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager*  ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**DJT** Ucuna Uygundur. / Compatible with **DJT** Insert. / Kompatibel mit **DJT** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AEM90-ZP13T3-D26-C25-L200-Z02
Kesme Hesabı : S 465/ *Cutting Calculation : P 465* / *Schnittberechnung : P 465*

**DJT** Ucuna Uygundur. / Compatible with **DJT** Insert. / Kompatibel mit **DJT** Wendeplatten.

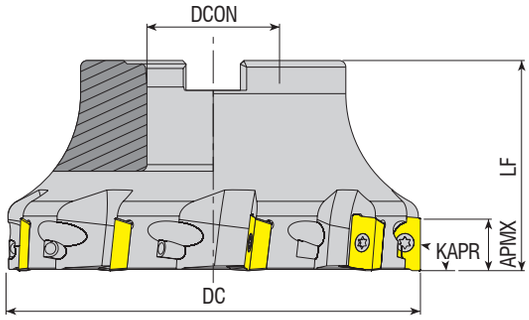
**KAPR=90°**






| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCSFMS | TDZ | LF | DCON | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| **AEM90-AP10D-D16-M08-L30-Z02-H** | ● | 16 | 2 | 14.75 | M08 | 30 | 8.5 | 10 | **AP.. 1003..** | 3008-M2.5x6 | 82-T08 |
| **AEM90-AP10D-D20-M10-L30-Z03-H** | ● | 20 | 3 | 18 | M10 | 30 | 10.5 | 10 | | | |
| **AEM90-AP10D-D25-M12-L35-Z03-H** | ● | 25 | 3 | 21 | M12 | 35 | 12.5 | 10 | | | |
| **AEM90-AP16DJ-D25-M12-L43-Z02-H** | ● | 25 | 2 | 21 | M12 | 43 | 12.5 | 16 | **AP.. 1604..** | 4015-M4x9 | 80-T15 |
| **AEM90-AP16DJ-D32-M16-L43-Z03-H** | ● | 32 | 3 | 29 | M16 | 43 | 17 | 16 | | | |
| **AEM90-AP16DJ-D40-M16-L43-Z04-H** | ● | 40 | 4 | 29 | M16 | 43 | 17 | 16 | | | |

**KAPR=90°**




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| **AFM90-AP16DJ-D050-A22-Z05-H** | ● | 50 | 5 | 22 | 40 | 16 | **AP.. 1604..** | 4015-M4x11 | 80-T15 | 2508-M10x30 |
| **AFM90-AP16DJ-D063-A22-Z06-H** | ● | 63 | 6 | 22 | 40 | 16 | | | | 2510-M12x35 |
| **AFM90-AP16DJ-D080-A27-Z07-H** | ● | 80 | 7 | 27 | 50 | 16 | | | | |

R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager*  ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

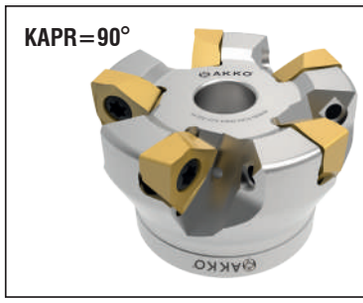
**DJT** Ucuna Uygundur. / Compatible with **DJT** Insert. / Kompatibel mit **DJT** Wendeplatten.

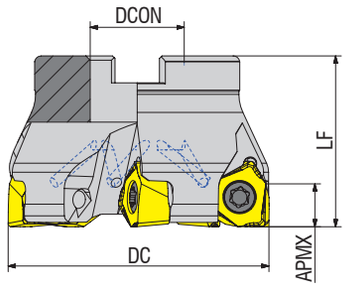
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AEM90-AP10D-D16-M08-L30-Z02-H

Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*
Montaj Ölçüleri : S 462 / *Mounting Reference : P 462* / *Montagehinweis : P462*

**DJT** Ucuna Uygundur. / Compatible with **DJT** Insert. / Kompatibel mit **DJT** Wendeplatten.

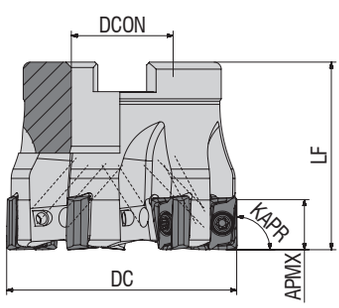
**KAPR=90°**






| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| **AFM90-YC09-D050-A22-Z04-H** | ● | 50 | 4 | 22 | 40 | 10 | **YC.. 0907..** | 1620-M5x14 | 80-T20 | 2408-M10x30 |
| **AFM90-YC09-D063-A22-Z05-H** | ● | 63 | 5 | 22 | 40 | 10 | | | | |
| **AFM90-YC09-D080-A27-Z06-H** | ● | 80 | 6 | 27 | 50 | 10 | | | | 2510-M12x35 |

**KAPR=90°**




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| **AFM90-ZN11-D050-A22-Z07-H** | ● | 50 | 7 | 22 | 40 | 11 | **ZN.. 1105..** | 4010-M3x8 | 82-T08 | 2508-M10x30 |
| **AFM90-ZN11-D063-A22-Z07-H** | ● | 63 | 7 | 22 | 40 | 11 | | | | |
| **AFM90-ZN17-D050-A22-Z04-H** | ● | 50 | 4 | 22 | 10 | 16 | **ZN.. 1709..** | 4015-M4x10 | 80-T15 | |

R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*

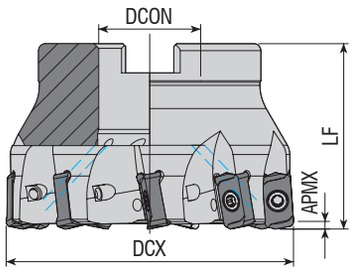
● Stokta / In Stock / *Auf Lager*  ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

**DJT** Ucuna Uygundur. / Compatible with **DJT** Insert. / Kompatibel mit **DJT** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AFM90-YC09-D050-A22-Z04-H

Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*
Montaj Ölçüleri : S 462 / *Mounting Reference : P 462* / *Montagehinweis : P462*

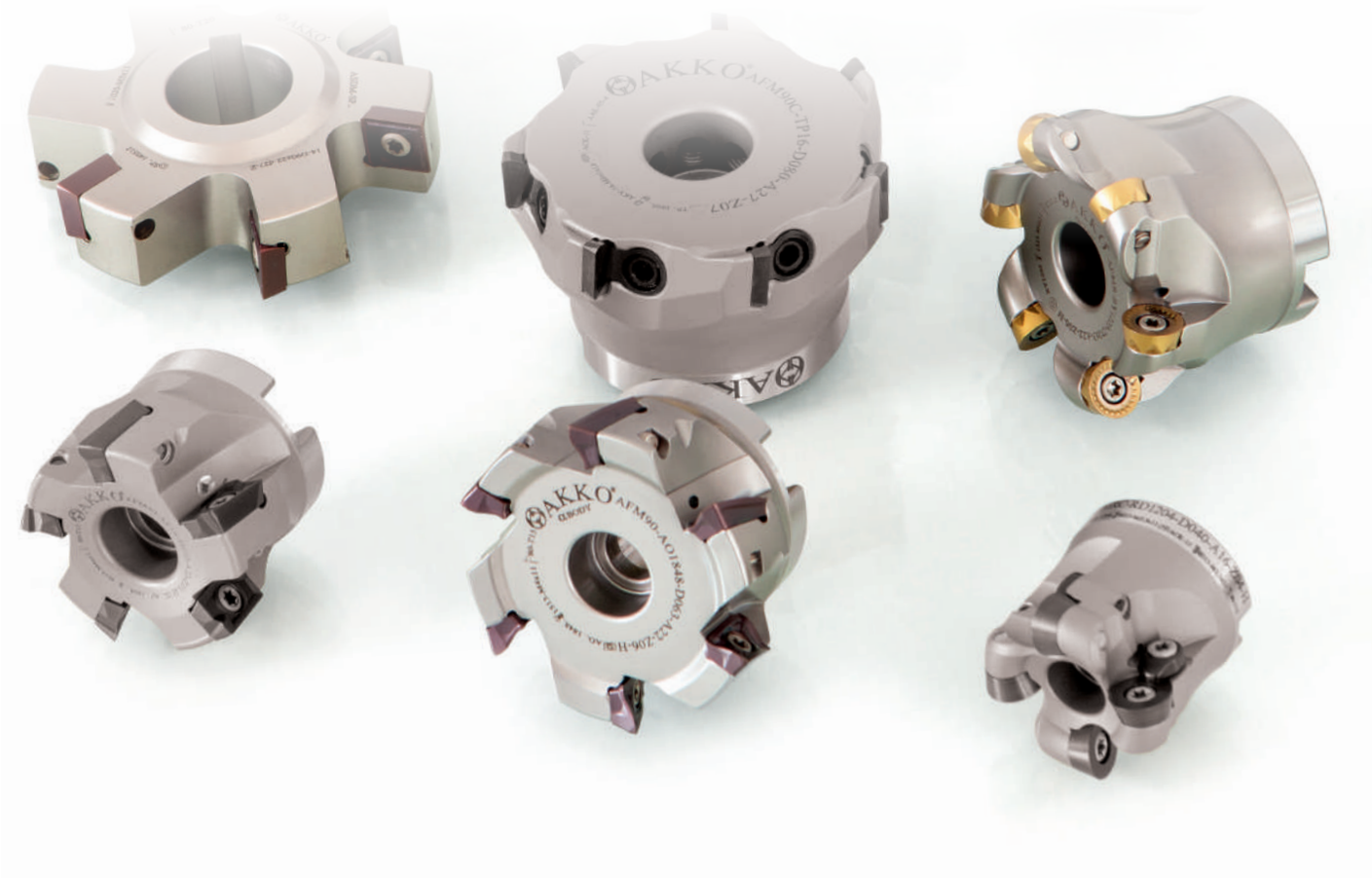
**DJT** Ucuna Uygundur. / Compatible with **DJT** Insert. / Kompatibel mit **DJT** Wendeplatten.



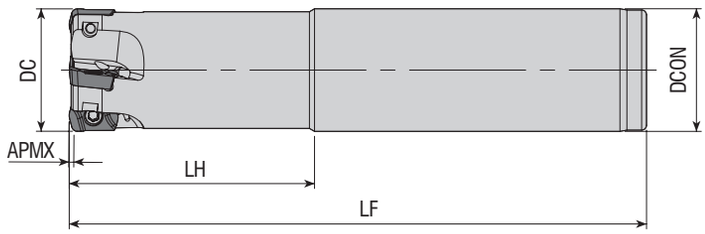

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| **AFM90-Z016-D050-A22-Z05-H** | ● | 50 | 5 | 22 | 40 | 16 | **ZOET 160508** | 4015-M4x9 | 80-T15 | 2508-M10x30 |
| **AFM90-Z016-D063-A22-Z06-H** | ● | 63 | 6 | 22 | 40 | 16 | | | | |

R: Sağ / Right / *Rechts*/ L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**DJT** Ucuna Uygundur. / Compatible with **DJT** Insert. / Kompatibel mit **DJT** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AFM90-Z016-D050-A22-Z05-H



**DJT** Ucuna Uygundur. / Compatible with **DJT** Insert. / Kompatibel mit **DJT** Wendeplatten.




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | LH | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| **AHFM-YP1003-D16-C15-L150-Z02-F** | ● | 16 | 2 | 15 | 150 | 20 | 1 | | | |
| **AHFM-YP1003-D16-C15-L200-Z02-F** | ● | 16 | 2 | 15 | 200 | 20 | 1 | | | |
| **AHFM-YP1003-D16-C16-L150-Z02-F** | ● | 16 | 2 | 16 | 150 | 50 | 1 | | | |
| **AHFM-YP1003-D17-C16-L150-Z02-F** | ● | 17 | 2 | 16 | 150 | 20 | 1 | | | |
| **AHFM-YP1003-D17-C16-L200-Z02-F** | ● | 17 | 2 | 16 | 200 | 20 | 1 | | | |
| **AHFM-YP1003-D20-C18-L150-Z03-F** | ● | 20 | 3 | 18 | 150 | 25 | 1 | | | |
| **AHFM-YP1003-D20-C18-L200-Z03-F** | ● | 20 | 3 | 18 | 200 | 25 | 1 | | | |
| **AHFM-YP1003-D20-C20-L150-Z03-F** | ● | 20 | 3 | 20 | 150 | 50 | 1 | | | |
| **AHFM-YP1003-D21-C20-L150-Z03-F** | ● | 21 | 3 | 20 | 150 | 20 | 1 | | | |
| **AHFM-YP1003-D21-C20-L150-Z03-H** | ● | 21 | 3 | 20 | 150 | 20 | 1 | | | |
| **AHFM-YP1003-D21-C20-L150-Z04-F** | ● | 21 | 4 | 20 | 150 | 20 | 1 | **EP.. 1003..** | | |
| **AHFM-YP1003-D21-C20-L200-Z03** | ● | 21 | 3 | 20 | 200 | 20 | 1 | **YPHW 1003..** | 3008-M2.5x5 | 82-T08 |
| **AHFM-YP1003-D21-C20-L200-Z03-F** | ● | 21 | 3 | 20 | 200 | 20 | 1 | **ZPMT 1003..** | | |
| **AHFM-YP1003-D25-C20-L150-Z04-F** | ● | 25 | 4 | 20 | 150 | 25 | 1 | | | |
| **AHFM-YP1003-D25-C20-L200-Z04-F** | ● | 25 | 4 | 20 | 200 | 25 | 1 | | | |
| **AHFM-YP1003-D25-C25-L150-Z04-F** | ● | 25 | 4 | 25 | 150 | 50 | 1 | | | |
| **AHFM-YP1003-D26-C25-L150-Z04** | ● | 26 | 4 | 25 | 150 | 30 | 1 | | | |
| **AHFM-YP1003-D25-C25-L150-Z04-H** | ● | 25 | 4 | 25 | 150 | 50 | 1 | | | |
| **AHFM-YP1003-D26-C25-L150-Z04-F** | ● | 26 | 4 | 25 | 150 | 30 | 1 | | | |
| **AHFM-YP1003-D26-C25-L250-Z04-F** | ● | 26 | 4 | 25 | 250 | 30 | 1 | | | |
| **AHFM-YP1003-D26-C25-L200-Z03-F** | ● | 26 | 3 | 25 | 200 | 30 | 1 | | | |
| **AHFM-YP1003-D26-C25-L200-Z04-F** | ● | 26 | 4 | 25 | 200 | 30 | 1 | | | |
| **AHFM-YP1003-D33-C32-L200-Z04-F** | ● | 33 | 4 | 32 | 200 | 30 | 1 | | | |
| **AHFM-YP1003-D33-C32-L250-Z04-F** | ● | 33 | 4 | 32 | 250 | 30 | 1 | | | |
| **AHFM-YP1003-D33-C32-L300-Z04-F** | ● | 33 | 4 | 32 | 300 | 30 | 1 | | | |

R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*

● Stokta / In Stock / *Auf Lager*  ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

**DJT** Ucuna Uygundur. / Compatible with **DJT** Insert. / Kompatibel mit **DJT** Wendeplatten.

Çap Ölçüsü - 0,02 mm Olarak üretiliyor. F: ± 0,02 mm Demektir. Ör: Ø16 Takım 15,98 ± 0,02 mm yani 16,00 mm - 15,96 mm Olmalıdır.

Diameter Size is produced as - 0.02 mm. F: means ± 0,02 mm. For example: Ø16 tool 15.98 ± 0,02 mm, it means that it should be 16,00 mm - 15,96 mm.

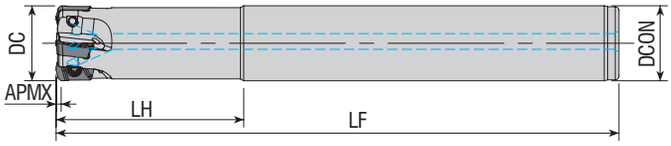
Durchmesser - Es wird mit -0,02 mm hergestellt. Das heißt F: ± 0,02 mm. Zum Beispiel: Der Ø16-Satz sollte 15,98 ± 0,02 mm, 16,00 mm - 15,96 mm betragen.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*

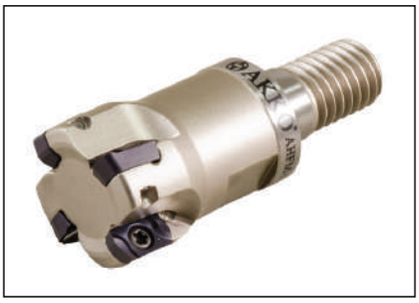
1 ad./pcs./stück AHFM-YP1003-D16-C15-L150-Z02-F

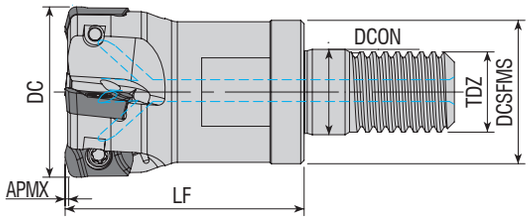
Kesme Hesabı : S 465/ *Cutting Calculation : P 465* / *Schnittberechnung : P 465*

**DJT** Ucuna Uygundur. / Compatible with **DJT** Insert. / Kompatibel mit **DJT** Wendeplatten.




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | LH | APMX | | | |
| **AHFM-EP1003-D16-C16-L80-Z02-H** | ● | 16 | 2 | 16 | 80 | 20 | 1 | **EP. 1003..** **ZPMT 1003..** **YPHW 1003..** | 3008-M2.5x5 | 82-T08 |
| **AHFM-EP1003-D16-C16-L150-Z02-H** | ● | 16 | 2 | 16 | 150 | 50 | 1 | | | |
| **AHFM-EP1003-D17-C16-L150-Z02-H** | ● | 17 | 2 | 16 | 150 | 20 | 1 | | | |
| **AHFM-EP1003-D20-C20-L150-Z04-H** | ● | 20 | 4 | 20 | 150 | 50 | 1 | | | |
| **AHFM-EP1003-D21-C20-L150-Z04-H** | ● | 21 | 4 | 20 | 150 | 20 | 1 | | | |
| **AHFM-EP1003-D25-C25-L200-Z04-H** | ● | 25 | 4 | 25 | 200 | 100 | 1 | | 3008-M2.5x6 | |
| **AHFM-EP1003-D25-C25-L250-Z04-H** | ● | 25 | 4 | 25 | 250 | 100 | 1 | | | |





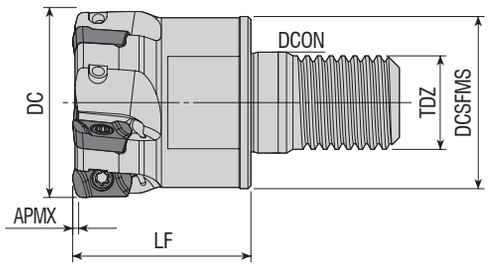

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCSFMS | TDZ | LF | DCON | APMX | | | |
| **AHFM-EP1003-D16-M08-L23-Z02** | ● | 16 | 2 | 14.75 | M08 | 23 | 8.5 | 1 | **EP. 1003..** **ZPMT 1003..** **YPHW 1003..** | 3008-M2.5x5 | 82-T08 |
| **AHFM-EP1003-D16-M08-L23-Z02-H** | ● | 16 | 2 | 14.75 | M08 | 23 | 8.5 | 1 | | | |
| **AHFM-EP1003-D20-M10-L30-Z03** | ● | 20 | 3 | 18 | M10 | 30 | 10.5 | 1 | | | |
| **AHFM-EP1003-D20-M10-L30-Z04-H** | ● | 20 | 4 | 18 | M10 | 30 | 10.5 | 1 | | | |
| **AHFM-EP1003-D25-M12-L35-Z04-H** | ● | 25 | 4 | 21 | M12 | 35 | 12.5 | 1 | | 3008-M2.5x6 | |
| **AHFM-EP1003-D32-M16-L43-Z05-H** | ● | 32 | 5 | 29 | M16 | 43 | 17 | 1 | | | |
| **AHFM-EP1003-D35-M16-L43-Z05-H** | ● | 35 | 5 | 29 | M16 | 43 | 17 | 1 | | | |
| **AHFM-EP1003-D42-M16-L43-Z06-H** | ● | 42 | 6 | 29 | M16 | 43 | 17 | 1 | | | |

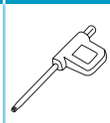
R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**DJT** Ucuna Uygundur. / Compatible with **DJT** Insert. / Kompatibel mit **DJT** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AHFM-EP1003-D16-C16-L80-Z02-H

Kesme Hesabı : S 465/ *Cutting Calculation : P 465* / *Schnittberechnung : P 465*
Sıkma Tork Değeri : S 464 / *Tightening Torque : P 464* / *Anzugsmoment : P 464*

**DJT** Ucuna Uygundur. / Compatible with **DJT** Insert. / Kompatibel mit **DJT** Wendeplatten.




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCSFMS | TDZ | LF | DCON | APMX | | Sıkma Vidası *Screw* *Schraube* | Baskı Parçası *Wedge Clamp* *Spannpratze* | Baskı Vidası *Clamp Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel*  |
| AHFM-YP1003-D16-M08-L23-Z02-F | ● | 16 | 2 | 14.75 | M08 | 23 | 8.5 | 1 | **EP.. 1003.. ZPMT 1003.. YPHW 1003..** | 3008-M2.5x5 | - | - | 82-T08 |
| AHFM-YP1003-D16-M08-L23-Z02-H-F | ● | 16 | 2 | 14.75 | M08 | 23 | 8.5 | 1 | | | | | |
| AHFM-YP1003-D17-M08-L23-Z02-H | ● | 17 | 2 | 14.75 | M08 | 23 | 8.5 | 1 | | | | | |
| AHFM-YP1003-D17-M08-L23-Z02-H-F | ● | 17 | 2 | 14.75 | M08 | 23 | 8.5 | 1 | | | | | |
| AHFM-YP1003-D20-M10-L30-Z03-H | ● | 20 | 3 | 18 | M10 | 30 | 10.5 | 1 | | | | | |
| AHFM-YP1003-D20-M10-L30-Z03-H-F | ● | 20 | 3 | 18 | M10 | 30 | 10.5 | 1 | | | | | |
| AHFM-YP1003-D20-M10-L30-Z04-H | ● | 20 | 4 | 18 | M10 | 30 | 10.5 | 1 | | | | | |
| AHFM-YP1003-D20-M10-L30-Z04-F | ● | 20 | 4 | 18 | M10 | 30 | 10.5 | 1 | | | | | |
| AHFM-YP1003-D21-M10-L30-Z03-H | ● | 21 | 3 | 18 | M10 | 30 | 10.5 | 1 | | | | | |
| AHFM-YP1003-D21-M10-L30-Z03-H-F | ● | 21 | 3 | 18 | M10 | 30 | 10.5 | 1 | | | | | |
| AHFM-YP1003-D25-M12-L35-Z04-H | ● | 25 | 4 | 21 | M12 | 35 | 12.5 | 1 | | | | | |
| AHFM-YP1003-D25-M12-L35-Z04-F | ● | 25 | 4 | 21 | M12 | 35 | 12.5 | 1 | | | | | |
| AHFM-YP1003-D25-M12-L35-Z04-H-F | ● | 25 | 4 | 21 | M12 | 35 | 12.5 | 1 | | | | | |
| AHFM-YP1003-D26-M12-L35-Z04-H-F | ● | 26 | 4 | 21 | M12 | 35 | 12.5 | 1 | | 3008-M2.5x6 | | | |
| AHFM-YP1003-D32-M16-L30-Z05-F | ● | 32 | 5 | 29 | M16 | 30 | 17 | 1 | | | | | |
| AHFM-YP1003-D32-M16-L43-Z05-H-F | ● | 32 | 5 | 29 | M16 | 43 | 17 | 1 | | | | | |
| AHFM-YP1003-D40-M16-L43-Z06-H-F | ● | 40 | 6 | 29 | M16 | 43 | 17 | 1 | | | | | |
| AHFM-YP1003-D42-M16-L43-Z06-H-F | ● | 42 | 6 | 29 | M16 | 43 | 17 | 1 | | | | | |

R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*

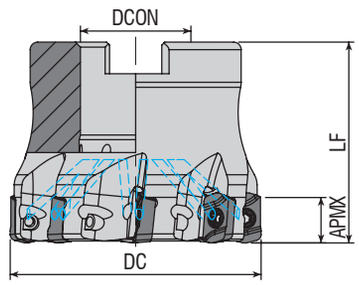
● Stokta / In Stock / *Auf Lager*  ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

**DJT** Ucuna Uygundur. / Compatible with **DJT** Insert. / Kompatibel mit **DJT** Wendeplatten.

Çap Ölçüsü - 0,02 mm Olarak üretiliyor. F: ± 0,02 mm Demektir. Ör: Ø16 Takım 15,98 ± 0,02 mm yani 16,00 mm - 15,96 mm Olmalıdır.
Diameter Size is produced as - 0.02 mm. F: means ± 0,02 mm. For example: Ø16 tool 15,98 ± 0,02 mm, it means that it should be 16,00 mm - 15,96 mm.
Durchmesser - Es wird mit -0,02 mm hergestellt. Das heißt F: ± 0,02 mm. Zum Beispiel: Der Ø16-Satz sollte 15,98 ± 0,02 mm, 16,00 mm - 15,96 mm betragen.

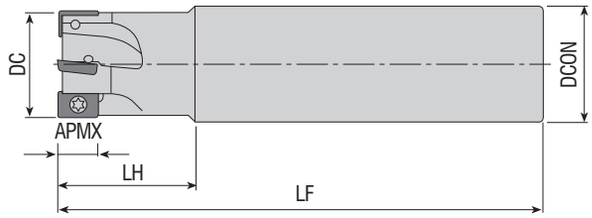
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AHFM-YP1003-D16-M08-L23-Z02-F
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*
Sıkma Tork Değeri : S 464 / *Tightening Torque : P 464* / *Anzugsmoment : P 464*

**DJT** Ucuna Uygundur. / Compatible with **DJT** Insert. / Kompatibel mit **DJT** Wendeplatten.




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| **AHFM-EP1003-D050-A22-Z08-H** | ● | 50 | 8 | 22 | 40 | 1 | **EP.. 1003.. ZPMT 1003.. YPHW 1003..** | 3008-M2.5X6 | 82-T08 | 2508-M10x30 |
| **AHFM-EP1003-D063-A22-Z08-H** | ● | 63 | 8 | 22 | 40 | 1 | | | | |

**KAPR=90°**

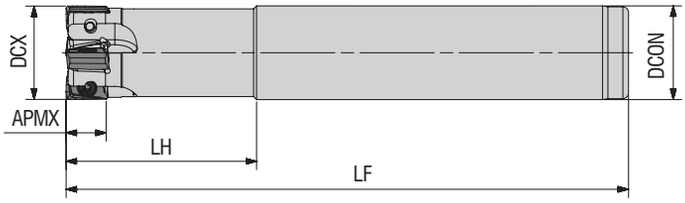



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | LH | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| **AEM90-ZC1003-D16-C14-L150-Z02** | ● | 16 | 2 | 14 | 150 | 25 | 9 | **ZCMT 100308R** | 3008-M2.5x6 | 82-T08 |
| **AEM90-ZC1003-D16-C14-L200-Z02** | ● | 16 | 2 | 14 | 200 | 25 | 9 | | | |
| **AEM90-ZC1003-D16-C15-L150-Z02** | ● | 16 | 2 | 15 | 150 | 25 | 9 | | | |
| **AEM90-ZC1003-D16-C16-L150-Z02** | ● | 16 | 2 | 16 | 150 | 25 | 9 | | | |
| **AEM90-ZC1003-D16-C16-L200-Z02** | ● | 16 | 2 | 16 | 200 | 50 | 9 | | | |
| **AEM90-ZC1003-D17-C16-L150-Z02** | ● | 17 | 2 | 16 | 150 | 25 | 9 | | | |
| **AEM90-ZC1003-D17-C16-L200-Z02** | ● | 17 | 2 | 16 | 200 | 25 | 9 | | | |
| **AEM90-ZC1003-D20-C18-L150-Z03** | ● | 20 | 3 | 18 | 150 | 25 | 9 | | | |
| **AEM90-ZC1003-D20-C18-L200-Z02** | ● | 20 | 2 | 18 | 200 | 25 | 9 | | | |
| **AEM90-ZC1003-D20-C20-L150-Z03** | ● | 20 | 3 | 20 | 150 | 40 | 9 | | | |
| **AEM90-ZC1003-D20-C18-L200-Z03** | ● | 20 | 3 | 18 | 200 | 25 | 9 | | | |
| **AEM90-ZC1003-D21-C20-L150-Z02** | ● | 21 | 2 | 20 | 150 | 30 | 9 | | | |
| **AEM90-ZC1003-D21-C20-L150-Z03** | ● | 21 | 3 | 20 | 150 | 30 | 9 | | | |
| **AEM90-ZC1003-D21-C20-L200-Z03** | ● | 21 | 3 | 20 | 200 | 30 | 9 | | | |
| **AEM90-ZC1003-D25-C20-L150-Z03** | ● | 25 | 3 | 20 | 150 | 30 | 9 | | | |
| **AEM90-ZC1003-D25-C20-L200-Z03** | ● | 25 | 3 | 20 | 200 | 30 | 9 | | | |
| **AEM90-ZC1003-D25-C25-L150-Z03** | ● | 25 | 3 | 25 | 150 | 40 | 9 | | | |
| **AEM90-ZC1003-D26-C25-L170-Z03** | ● | 26 | 3 | 25 | 170 | 25 | 9 | | | |
| **AEM90-ZC1003-D26-C25-L200-Z03** | ● | 26 | 3 | 25 | 200 | 25 | 9 | | | |
| **AEM90-ZC1003-D32-C25-L180-Z04** | ● | 32 | 4 | 25 | 180 | 30 | 9 | | | |
| **AEM90-ZC1003-D33-C32-L200-Z04** | ● | 33 | 4 | 32 | 200 | 25 | 9 | | | |

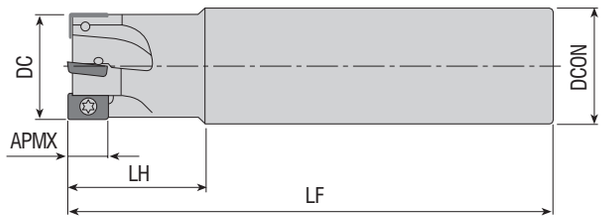
R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**DJT** Ucuna Uygundur. / Compatible with **DJT** Insert. / Kompatibel mit **DJT** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AHFM-EP1003-D050-A22-Z08-H
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*

**DJT** Ucuna Uygundur. / Compatible with **DJT** Insert. / Kompatibel mit **DJT** Wendeplatten.




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | DCON | LF | LH | APMX | | Sıkma Vidası *Screw* *Schraube* | Baskı Parçası *Wedge Clamp* *Spannpratze* | Baskı Vidası *Clamp Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| | | | | | | | | | | | | |
| **AEM90-ZN11-D21-C20-L150-Z03** | ● | 21 | 3 | 20 | 150 | 30 | - | **ZN.. 1105..** | 4010-M3x8 | - | - | 82-T08 |
| **AEM90-ZN11-D21-C20-L200-Z03** | ● | 21 | 3 | 20 | 200 | 30 | - | | | | | |
| **AEM90-ZN11-D25-C25-L150-Z04** | ● | 25 | 4 | 25 | 150 | 50 | - | | | | | |




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | LH | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| | | | | | | | | | | |
| **AHFM-E00602-D10-C10-L080-Z02** | ● | 10 | 2 | 10 | 80 | 20 | 0.3 | **E0.. 0602..** **ZOMT 0602..** | 3006-M1.8x4 | 82-T06 |
| **AHFM-E00602-D10-C09-L120-Z02** | ● | 10 | 2 | 9 | 120 | 15 | 0.3 | | | |
| **AHFM-E00602-D10-C10-L120-Z02** | ● | 10 | 2 | 10 | 120 | 60 | 0.3 | | | |
| new **AHFM-E00602-D11-C10-L080-Z02** | ● | 11 | 2 | 10 | 80 | 20 | 0.3 | | | |
| **AHFM-E00602-D12-C12-L080-Z02** | ● | 12 | 2 | 12 | 80 | 20 | 0.3 | | | |
| **AHFM-E00602-D12-C12-L080-Z03** | ● | 12 | 3 | 12 | 80 | 20 | 0.3 | | | |
| **AHFM-E00602-D12-C11-L120-Z02** | ● | 12 | 2 | 11 | 120 | 15 | 0.3 | | | |
| **AHFM-E00602-D12-C11-L120-Z03** | ● | 12 | 3 | 11 | 120 | 15 | 0.3 | | | |
| **AHFM-E00602-D12-C12-L120-Z02** | ● | 12 | 2 | 12 | 120 | 60 | 0.3 | | | |
| **AHFM-E00602-D12-C12-L120-Z03** | ● | 12 | 3 | 12 | 120 | 60 | 0.3 | | | |
| **AHFM-E00602-D16-C16-L150-Z04** | ● | 16 | 4 | 16 | 150 | 60 | 0.3 | | | |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*

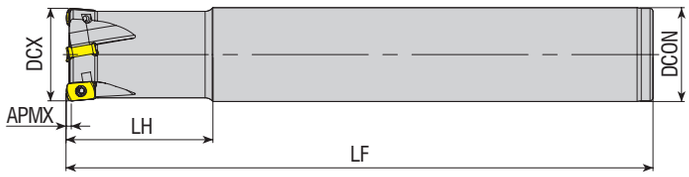
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

**DJT** Ucuna Uygundur. / Compatible with **DJT** Insert. / Kompatibel mit **DJT** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AEM90-ZN11-D21-C20-L150-Z03

Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*

**DJT** Ucuna Uygundur. / Compatible with **DJT** Insert. / Kompatibel mit **DJT** Wendeplatten.

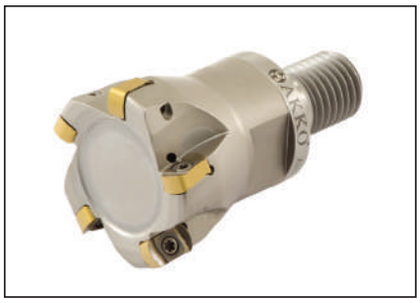


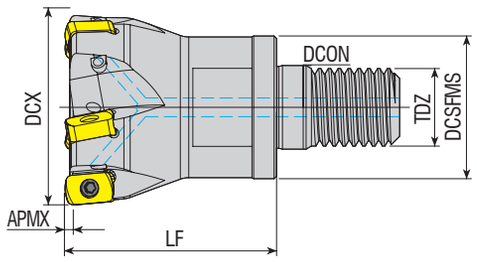

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | DCON | LF | LH | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| AHFM-EN1004-D16-C15-L150-Z02 | ● | 16 | 2 | 15 | 150 | 25 | 1 | | | |
| AHFM-EN1004-D16-C16-L150-Z02 | ● | 16 | 2 | 16 | 150 | 25 | 1 | | | |
| AHFM-EN1004-D16-C16-L250-Z02 | ● | 16 | 2 | 16 | 250 | 70 | 1 | | | |
| AHFM-EN1004-D17-C16-L150-Z02-H | ● | 17 | 2 | 16 | 150 | 25 | 1 | | | |
| AHFM-EN1004-D17-C16-L150-Z02 | ● | 17 | 2 | 16 | 150 | 25 | 1 | | | |
| AHFM-EN1004-D17-C16-L200-Z02 | ● | 17 | 2 | 16 | 200 | 25 | 1 | | | |
| AHFM-EN1004-D18-C16-L150-Z02 | ● | 18 | 2 | 16 | 150 | 25 | 1 | | | |
| AHFM-EN1004-D20-C20-L150-Z03 | ● | 20 | 3 | 20 | 150 | 40 | 1 | | | |
| AHFM-EN1004-D20-C20-L250-Z03 | ● | 20 | 3 | 20 | 250 | 70 | 1 | | | |
| AHFM-EN1004-D21-C20-L150-Z02 | ● | 21 | 2 | 20 | 150 | 30 | 1 | | | |
| AHFM-EN1004-D21-C20-L150-Z03 | ● | 21 | 3 | 20 | 150 | 30 | 1 | | | |
| AHFM-EN1004-D21-C20-L150-Z03-H | ● | 21 | 3 | 20 | 150 | 30 | 1 | **ENMU 1004..** | 3008-M2.5x6 | 82-T08 |
| AHFM-EN1004-D21-C20-L200-Z03 | ● | 21 | 3 | 20 | 200 | 30 | 1 | | | |
| AHFM-EN1004-D22-C20-L150-Z03 | ● | 22 | 3 | 20 | 150 | 30 | 1 | | | |
| AHFM-EN1004-D25-C25-L150-Z03 | ● | 25 | 3 | 25 | 150 | 40 | 1 | | | |
| AHFM-EN1004-D25-C25-L150-Z04 | ● | 25 | 4 | 25 | 150 | 40 | 1 | | | |
| AHFM-EN1004-D26-C25-L150-Z03 | ● | 26 | 3 | 25 | 150 | 30 | 1 | | | |
| AHFM-EN1004-D26-C25-L150-Z04 | ● | 26 | 4 | 25 | 150 | 30 | 1 | | | |
| AHFM-EN1004-D26-C25-L200-Z03 | ● | 26 | 3 | 25 | 200 | 30 | 1 | | | |
| AHFM-EN1004-D26-C25-L200-Z03-H | ● | 26 | 3 | 25 | 200 | 30 | 1 | | | |
| AHFM-EN1004-D26-C25-L250-Z03-H | ● | 26 | 3 | 25 | 250 | 30 | 1 | | | |
| AHFM-EN1004-D28-C25-L200-Z04 | ● | 28 | 4 | 25 | 200 | 30 | 1 | | | |
| AHFM-EN1004-D32-C32-L200-Z04 | ● | 32 | 4 | 32 | 200 | 50 | 1 | | | |
| AHFM-EN1004-D33-C32-L200-Z04 | ● | 33 | 4 | 32 | 200 | 30 | 1 | | | |
| AHFM-EN1004-D33-C32-L200-Z04-H | ● | 33 | 4 | 32 | 200 | 30 | 1 | | | |

R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager*  ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**DJT** Ucuna Uygundur. / Compatible with **DJT** Insert. / Kompatibel mit **DJT** Wendeplatten.

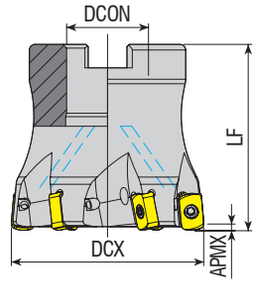
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück  AHFM-EN1004-D16-C15-L150-Z02

**DJT** Ucuna Uygundur. / Compatible with **DJT** Insert. / Kompatibel mit **DJT** Wendeplatten.






| Takım Kodu<br>*Ordering Code*<br>*Bestell-Bezeichnung* | Stok<br>*Stock*<br>*Lager* | Takım Ölçüleri (mm)<br>*Dimension (mm)*<br>*Abmessung (mm)* | | | | | | | Kesici Uç<br>*Insert*<br>*Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | Sıkma Vidası<br>*Screw*<br>*Schraube* | Baskı Parçası<br>*Wedge Clamp*<br>*Spannpratze* | Baskı Vidası<br>*Clamp Screw*<br>*Schraube* | Tork Anahtar<br>*Torx Key*<br>*Torx-Schlüssel* |
| | | DCX | ZEFP | DCSFMS | TDZ | LF | DCON | APMX | | | | | |
| **AHFM-EN1004-D16-M08-L23-Z02-H** | ● | 16 | 2 | 14.75 | M08 | 23 | 8.5 | 1 | **ENMU 1004..** | 3008-M2.5x6 | - | - | 82-T08 |
| **AHFM-EN1004-D20-M10-L30-Z03-H** | ● | 20 | 3 | 18 | M10 | 30 | 10.5 | 1 | | | | | |
| **AHFM-EN1004-D25-M12-L35-Z03-H** | ● | 25 | 3 | 21 | M12 | 35 | 12.5 | 1 | | | | | |
| **AHFM-EN1004-D25-M12-L35-Z04-H** | ● | 25 | 4 | 21 | M12 | 35 | 12.5 | 1 | | 3008-M2.5x6 | | | |
| **AHFM-EN1004-D32-M16-L43-Z05-H** | ● | 32 | 5 | 29 | M16 | 43 | 17 | 1 | | | | | |
| **AHFM-EN1004-D35-M16-L43-Z05-H** | ● | 35 | 5 | 29 | M16 | 43 | 17 | 1 | | | | | |
| **AHFM-EN1004-D40-M16-L43-Z05-H** | ● | 40 | 5 | 29 | M16 | 43 | 17 | 1 | | | | | |
| **AHFM-EN1004-D42-M16-L43-Z05-H** | ● | 42 | 5 | 29 | M16 | 43 | 17 | 1 | | | | | |




| Takım Kodu<br>*Ordering Code*<br>*Bestell-Bezeichnung* | Stok<br>*Stock*<br>*Lager* | Takım Ölçüleri (mm)<br>*Dimension (mm)*<br>*Abmessung (mm)* | | | | | Kesici Uç<br>*Insert*<br>*Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Sıkma Vidası<br>*Screw*<br>*Schraube* | Tork Anahtar<br>*Torx Key*<br>*Torx-Schlüssel* | Montaj Vidası<br>*Mounting Screw*<br>*Befestigungsschraube* |
| | | DCX | ZEFP | DCON | LF | APMX | | | | |
| **AHFM-EN1004-D050-A22-Z05-H** | ● | 50 | 5 | 22 | 50 | 1 | **ENMU 1004..** | 3008-M2.5X6 | 82-T08 | 2508-M10x30 |
| **AHFM-EN1004-D050-A22-Z06-H** | ● | 50 | 6 | 22 | 50 | 1 | | | | |
| **AHFM-EN1004-D052-A22-Z06-H** | ● | 52 | 6 | 22 | 50 | 1 | | | | |
| **AHFM-EN1004-D063-A22-Z06-H** | ● | 63 | 6 | 22 | 50 | 1 | | | | |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*

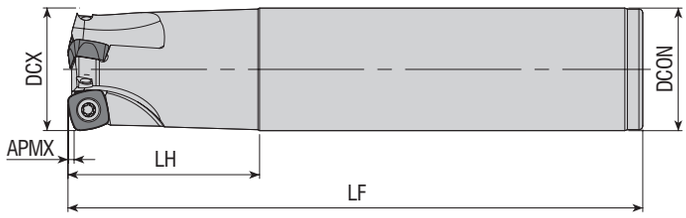
● *Stokta / In Stock / Auf Lager* ○ *Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage*

**DJT** Ucuna Uygundur. / Compatible with **DJT** Insert. / Kompatibel mit **DJT** Wendeplatten.

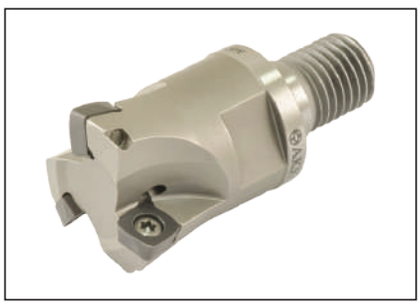
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AHFM-EN1004-D16-M08-L23-Z02-H

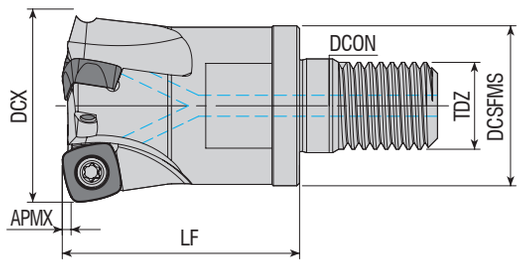
Kesme Hesabı : S 465/ *Cutting Calculation : P 465* / *Schnittberechnung : P 465*
Sıkma Tork Değeri : S 464 / *Tightening Torque : P 464* / *Anzugsmoment : P 464*

**DJT** Ucuna Uygundur. / Compatible with **DJT** Insert. / Kompatibel mit **DJT** Wendeplatten.




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | DCON | LF | LH | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| **AHFM-SP1004-D25-C25-L150-Z02** | ● | 25 | 2 | 25 | 150 | 50 | 1.5 | **SPNW 1004..** | 3015-M3.5x9 | 80-T15 |
| **AHFM-SP1004-D32-C32-L150-Z03** | ● | 32 | 3 | 32 | 150 | 50 | 1.5 | | | |






| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | DCSFMS | TDZ | LF | DCON | APMX | | Sıkma Vidası *Screw* *Schraube* | Baskı Parçası *Wedge Clamp* *Spannpratze* | Baskı Vidası *Clamp Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| **AHFM-SP1004-D25-M12-L35-Z02-H** | ● | 25 | 2 | 21 | M12 | 35 | 12.5 | 1 | **SPNW 1004..** | 3015-M3.5x9 | - | - | 80-T15 |
| **AHFM-SP1004-D32-M16-L43-Z03-H** | ● | 32 | 3 | 29 | M16 | 43 | 17 | 1.5 | | | | | |
| **AHFM-SP1004-D35-M16-L43-Z03-H** | ● | 35 | 3 | 29 | M16 | 43 | 17 | 1.5 | | | | | |
| **AHFM-SP1004-D42-M16-L43-Z04-H** | ● | 42 | 4 | 29 | M16 | 43 | 17 | 1.5 | | | | | |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*

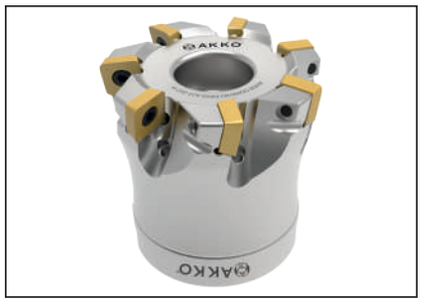
● *Stokta / In Stock / Auf Lager* ○ *Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage*

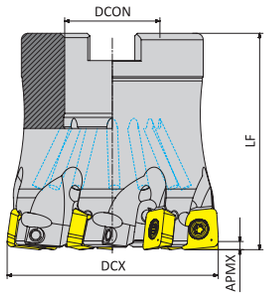
**DJT** Ucuna Uygundur. / Compatible with **DJT** Insert. / Kompatibel mit **DJT** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AHFM-SP1004-D25-C25-L150-Z02

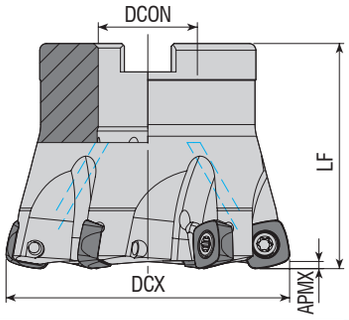
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*
Montaj Ölçüleri : S 462 / *Mounting Reference : P 462* / *Montagehinweis : P462*

**DJT** Ucuna Uygundur. / Compatible with **DJT** Insert. / Kompatibel mit **DJT** Wendeplatten.






| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Anahtar *Allen Key* Innensechskantschlüssel | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| **AHFM-SD0903D-D050-A22-Z07-H** | ● | 50 | 7 | 22 | 50 | 2 | **SD.. 0903..** | 4010-M3x8 | 82-T10 | 2508-M10x30 |
| **AHFM-SD0903D-D063-A22-Z08-H** | ● | 63 | 8 | 22 | 50 | 2 | | | | |




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| **AHFM-SP1004-D050-A22-Z05-H** | ● | 50 | 5 | 22 | 50 | 1.5 | **SPNW 1004..** | 3015-M3.5x9 | 80-T15 | 2508-M10x30 |
| **AHFM-SP1004-D052-A22-Z05-H** | ● | 52 | 5 | 22 | 50 | 1.5 | | | | |
| **AHFM-SP1004-D063-A22-Z06-H** | ● | 63 | 6 | 22 | 50 | 1.5 | | | | |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*

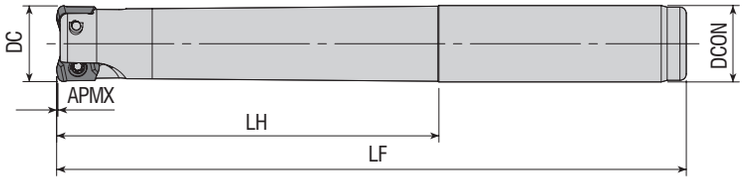
● *Stokta / In Stock / Auf Lager* ○ *Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage*

**DJT** Ucuna Uygundur. / Compatible with **DJT** Insert. / Kompatibel mit **DJT** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AHFM-SD0903D-D050-A22-Z07-H

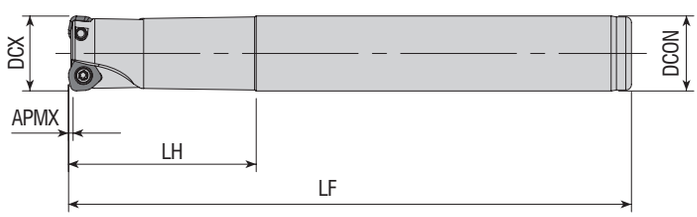
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*
Montaj Ölçüleri : S 462 / *Mounting Reference : P 462* / *Montagehinweis : P462*

**DJT** Ucuna Uygundur. / Compatible with **DJT** Insert. / Kompatibel mit **DJT** Wendeplatten.




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | LH | APMX | | | |
| **AHFM-YO0602-D10-C09-L120-Z02-F** | ● | 10 | 2 | 9 | 120 | 15 | 0.3 | **YOHW 0602..** | 3006-M1.8X4 | 82-T06 |
| **AHFM-YO0602-D10-C10-L080-Z02-F** | ● | 10 | 2 | 10 | 80 | 20 | 0.3 | | | |
| **AHFM-YO0602-D10-C10-L120-Z02-F** | ● | 10 | 2 | 10 | 120 | 60 | 0.3 | | | |
| **AHFM-YO0602-D10-C10-L120-Z02-H-F** | ● | 10 | 2 | 10 | 120 | 60 | 0.3 | | | |
| **AHFM-YO0602-D10-C10-L120-Z02-H** | ● | 10 | 2 | 10 | 120 | 60 | 0.3 | | | |
| **AHFM-YO0602-D12-C11-L120-Z02-F** | ● | 12 | 2 | 11 | 120 | 15 | 0.3 | | | |
| **AHFM-YO0602-D12-C11-L120-Z02-H-F** | ● | 12 | 2 | 11 | 120 | 15 | 0.3 | | | |
| **AHFM-YO0602-D12-C11-L120-Z02-H** | ● | 12 | 2 | 11 | 120 | 15 | 0.3 | | | |
| **AHFM-YO0602-D12-C11-L120-Z03-F** | ● | 12 | 3 | 11 | 120 | 15 | 0.3 | | | |
| **AHFM-YO0602-D12-C12-L080-Z02-F** | ● | 12 | 2 | 12 | 80 | 20 | 0.3 | | | |
| **AHFM-YO0602-D12-C12-L080-Z03-F** | ● | 12 | 3 | 12 | 80 | 20 | 0.3 | | | |
| **AHFM-YO0602-D12-C12-L120-Z02-F** | ● | 12 | 2 | 12 | 120 | 60 | 0.3 | | | |
| **AHFM-YO0602-D12-C12-L120-Z02-H** | ● | 12 | 2 | 12 | 120 | 60 | 0.3 | | | |
| **AHFM-YO0602-D12-C12-L120-Z03-F** | ● | 12 | 3 | 12 | 120 | 60 | 0.3 | | | |
| **AHFM-YO0602-D12-C12-L120-Z03-H** | ● | 12 | 3 | 12 | 120 | 60 | 0.3 | | | |

F: Eksenel ve Radyal Salgı Değeri 0,02 mm içindedir. / F: Axial and radial runout value is within 0,02mm / / F: Der axiale und radiale Rundlaufwert liegt innerhalb von 0,02 mm.

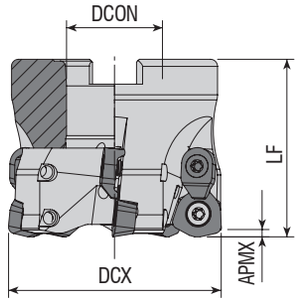



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Baskı Parçası *Wedge Clamp* *Spannpratze* | Baskı Vidası *Clamp Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | DCON | LF | LH | APMX | | | | | |
| **AHFM-WD0503D-D20-C20-L150-Z02** | ● | 20 | 2 | 20 | 150 | 50 | 1.25 | **WD.W 0503..** | 4010-M3x6 | - | - | 82-T10 |
| **AHFM-WD0503D-D21-C20-L150-Z02** | ● | 21 | 2 | 20 | 150 | 30 | 1.25 | | | | | |
| **AHFMC-WD06T3D-D26-C25-L200-Z02** | ● | 26 | 2 | 25 | 200 | 30 | 1.5 | **WD.W 06T3..** | 3015-M3.5x9 | ACK-15 | 4015-M3.5x11 | 80-T15 |
| **AHFMC-WD06T3D-D33-C32-L200-Z03** | ● | 33 | 3 | 32 | 200 | 32 | 1.5 | | | | | |

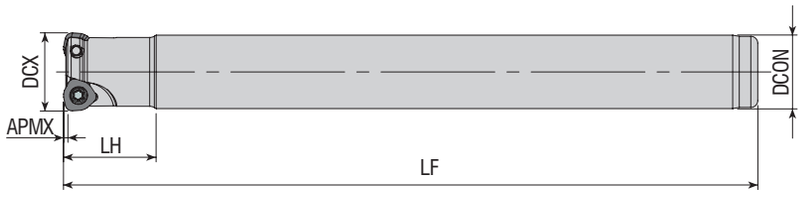
R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**DJT** Ucuna Uygundur. / Compatible with **DJT** Insert. / Kompatibel mit **DJT** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AHFM-YO0602-D10-C09-L120-Z02-F
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*
Montaj Ölçüleri : S 462 / *Mounting Reference : P 462* / *Montagehinweis : P462*

**DJT** Ucuna Uygundur. / Compatible with **DJT** Insert. / Kompatibel mit **DJT** Wendeplatten.




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Baskı Pabucu *Wedge Clamp* *Spannpratze* | Baskı Vidası *Clamp Screw* *Klemmschraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| AHFMC-WD06T3D-D042-A16-Z04-H | ● | 42 | 4 | 16 | 45 | 1.5 | WD.W 06T3.. | 3015-M3.5x9 | ACK-15 | 4015-M3.5x11 | 80-T15 | 2506-M8x30 |
| AHFMC-WD06T3D-D050-A22-Z05-H | ● | 50 | 5 | 22 | 50 | 1.5 | | | | | | |
| AHFMC-WD06T3D-D052-A22-Z05-H | ● | 52 | 5 | 22 | 50 | 1.5 | | | | | | |
| AHFMC-WD06T3D-D063-A22-Z06-H | ● | 63 | 6 | 22 | 50 | 1.5 | | | | | | 2508-M10x30 |
| AHFMC-WD0805D-D052-A22-Z04-H | ● | 52 | 4 | 22 | 50 | 2 | WD.W 0805.. | 4020-M4.5x12 | ACK-19 | 4020-M4.5x12 | 80-T20 | |
| AHFMC-WD0805D-D063-A22-Z05-H | ● | 63 | 5 | 22 | 50 | 2 | | | | | | |
| AHFMC-WD0805D-D063-A27-Z05-H | ● | 63 | 5 | 27 | 50 | 2 | | | | | | |
| AHFMC-WD0805D-D066-A27-Z05-H | ● | 66 | 5 | 27 | 50 | 2 | | | | | | 2510-M12x35 |
| AHFMC-WD0805D-D080-A27-Z05 | ● | 80 | 5 | 27 | 50 | 2 | | | | | | |
| AHFMC-WD0805D-D100-A32-Z06 | ● | 100 | 6 | 32 | 50 | 2 | | | | | | 2514-M16x35 |
| AHFMC-WD10X6D-D125-B40-Z06 | ● | 125 | 6 | 40 | 63 | 2.5 | WD.W 10X6.. | | | | | - |
| AHFMC-WD10X6D-D160-C40-Z07 | ● | 160 | 7 | 40 | 63 | 2.5 | | | | | | |



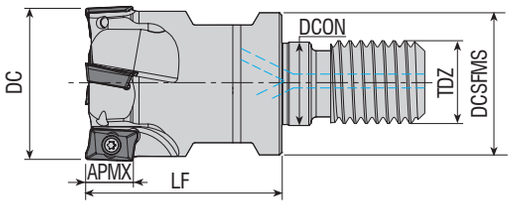

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | DCON | LF | LH | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| AHFM-WO04T2D-D16-C16-L150-Z02 | ● | 16 | 2 | 16 | 150 | 20 | 0.8 | WOMW 04T2.. | 3008-M2.5x6 | 82-T08 |
| AHFM-WO04T2D-D17-C16-L150-Z02 | ● | 17 | 2 | 16 | 150 | 20 | 0.8 | | | |

R: Sağ / Right / *Rechts*/ L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**DJT** Ucuna Uygundur. / Compatible with **DJT** Insert. / Kompatibel mit **DJT** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AHFMC-WD06T3D-D042-A16-Z04-H
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*
Sıkma Tork Değeri : S 464 / *Tightening Torque : P 464* / *Anzugsmoment : P 464*

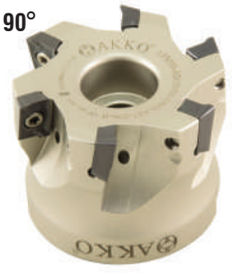
**DJT** Ucuna Uygundur. / Compatible with **DJT** Insert. / Kompatibel mit **DJT** Wendeplatten.

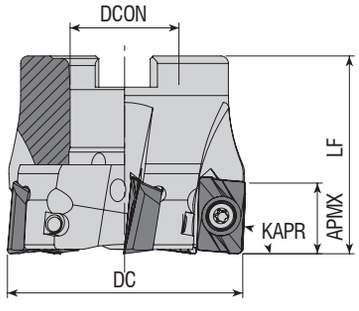
**KAPR=90°**




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCSFMS | TDZ | LF | DCON | APMX | | | |
| AEM90-AD1505D-D25-M12-L43-Z02-H | ● | 25 | 2 | 21 | M12 | 43 | 12.5 | 14.3 | **ADKT 150508** | 4015-M4x9 | 80-T15 |
| AEM90-AD1505D-D32-M16-L43-Z03-H | ● | 32 | 3 | 29 | M16 | 43 | 17 | 14.3 | | 4015-M4x11 | |

**KAPR=90°**





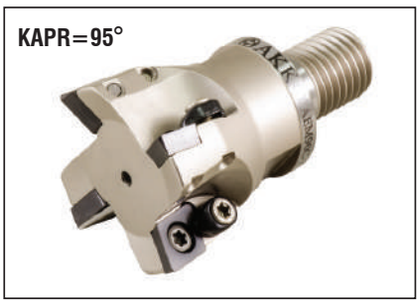

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | | | |
| AFM90-AD1505D-D050-A22-Z05-H | ● | 50 | 5 | 22 | 40 | 14.3 | **ADKT 150508** | 4015-M4x11 | 80-T15 | 2508-M10x30 |
| AFM90-AD1505D-D063-A27-Z06-H | ● | 63 | 6 | 27 | 50 | 14.3 | | | | 2510-M12x35 |
| AFM90-AD1505D-D080-A27-Z08-H | ● | 80 | 8 | 27 | 50 | 14.3 | | | | |
| AFM90-AD1505D-D100-A32-Z08-H | ● | 100 | 8 | 32 | 50 | 14.3 | | | | 2514-M16x35 |
| AFM90-AD1505D-D125-B40-Z09 | ● | 125 | 9 | 40 | 63 | 14.3 | | | | - |

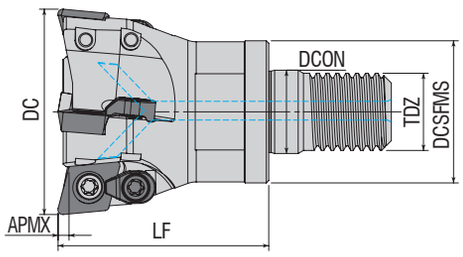
R: Sağ / Right / *Rechts*/ L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**DJT** Ucuna Uygundur. / Compatible with **DJT** Insert. / Kompatibel mit **DJT** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AEM90-AD1505D-D25-M12-L43-Z02-H
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*
Sıkma Tork Değeri : S 464 / *Tightening Torque : P 464* / *Anzugsmoment : P 464*

**DJT** Ucuna Uygundur. / Compatible with **DJT** Insert. / Kompatibel mit **DJT** Wendeplatten.

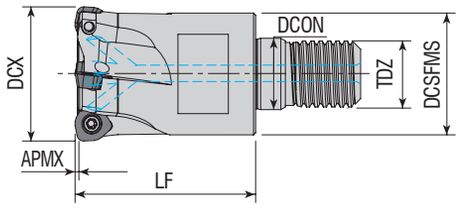
**KAPR=95°**






| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* | | | | | | | Kesici Uç / *Insert* / *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCSFMS | TDZ | LF | DCON | APMX | | Sıkma Vidası / *Screw* / *Schraube* | Baskı Parçası / *Wedge Clamp* / *Spannpratze* | Baskı Vidası / *Clamp Screw* / *Schraube* | Tork Anahtar / *Torx Key* / *Torx-Schlüssel* |
| **AEM95-XD0206-D16-M08-L23-Z02-H** | ● | 16 | 2 | 14.75 | M08 | 23 | 8.5 | 1 | **XDHW 0206..** | 3008-M2.5x5 | - | - | 82-T08 |
| **AEM95-XD0206-D16-M08-L23-Z02-H-F** | ● | 16 | 2 | 14.75 | M08 | 23 | 8.5 | 1 | | | | | |
| **AEM95-XD0206-D20-M10-L30-Z03-H** | ● | 20 | 3 | 18 | M10 | 30 | 10.5 | 1 | | | | | |
| **AEM95-XD0206-D20-M10-L30-Z03-H-F** | ● | 20 | 3 | 18 | M10 | 30 | 10.5 | 1 | | | | | |
| **AEM95-XD0206-D25-M12-L35-Z03-H** | ● | 25 | 3 | 21 | M12 | 35 | 12.5 | 1 | | 3008-M2.5x6 | | | |
| **AEM95-XD0206-D25-M12-L35-Z03-H-F** | ● | 25 | 3 | 21 | M12 | 35 | 12.5 | 1 | | | | | |
| **AEM95C-XD0310-D35-M16-L43-Z03-H** | ● | 35 | 3 | 29 | M16 | 43 | 17 | 1.5 | **XDHW 0310..** | 4015-M3.5X9 | ACK-15 | 4015-M3.5x11 | 80-T15 |
| **AEM95C-XD0310-D35-M16-L43-Z03-H-F** | ● | 35 | 3 | 29 | M16 | 43 | 17 | 1.5 | | | | | |
| **AEM95C-XD0310-D42-M16-L43-Z04-H** | ● | 42 | 4 | 29 | M16 | 43 | 17 | 1.5 | | | | | |
| **AEM95C-XD0310-D42-M16-L43-Z04-H-F** | ● | 42 | 4 | 29 | M16 | 43 | 17 | 1.5 | | | | | |

Çap Ölçüsü - 0,02 mm Olarak üretiliyor. F: ± 0,02 mm Demektir. Ör: Ø16 Takım 15,98 ± 0,02 mm yani 16,00 mm - 15,96 mm Olmalıdır.
Diameter Size is produced as - 0.02 mm. F: means ± 0,02 mm. For example: Ø16 tool 15.98 ± 0,02 mm, it means that it should be 16,00 mm - 15,96 mm.
Durchmesser - Es wird mit -0,02 mm hergestellt. Das heißt F: ± 0,02 mm. Zum Beispiel: Der Ø16-Satz sollte 15,98 ± 0,02 mm, 16,00 mm - 15,96 mm betragen.

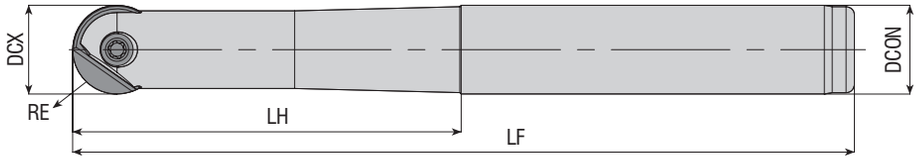



| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* | | | | | | | Kesici Uç / *Insert* / *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | DCSFMS | TDZ | LF | DCON | APMX | | Sıkma Vidası / *Screw* / *Schraube* | Baskı Parçası / *Wedge Clamp* / *Spannpratze* | Baskı Vidası / *Clamp Screw* / *Schraube* | Tork Anahtar / *Torx Key* / *Torx-Schlüssel* |
| **AHFM-WD0503D-D20-M10-L30-Z02-H** | ● | 20 | 2 | 18 | M10 | 30 | 10.5 | 1.25 | **WDMT 0503..** | 4010-M3x6 | - | - | 82-T10 |
| **AHFM-WD0503D-D25-M12-L35-Z03-H** | ● | 25 | 3 | 21 | M12 | 35 | 12.5 | 1.25 | | 4010-M3x8 | | | |
| **AHFM-WD0503D-D32-M16-L43-Z04-H** | ● | 32 | 4 | 29 | M16 | 43 | 17 | 1.25 | | | | | |
| **AHFM-WD0503D-D40-M16-L43-Z05-H** | ● | 40 | 5 | 29 | M16 | 43 | 17 | 1.25 | | | | | |
| **AHFMC-WD06T3D-D35-M16-L43-Z03-H** | ● | 35 | 3 | 29 | M16 | 43 | 17 | 1.5 | **WDHW 06T3..** | 3015-M3.5x9 | ACK-15 | 4015-M3.5x11 | 80-T15 |
| **AHFMC-WD0805D-D32-M16-L43-Z02-H** | ● | 32 | 2 | 29 | M16 | 43 | 17 | 2 | **WDHW 0805..** | 4020-M4.5x10 | ACK-19 | 4020-M4.5x12 | |

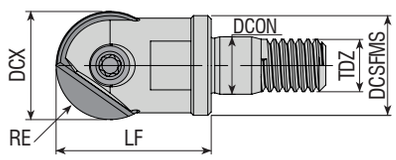
R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager*  ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**DJT** Ucuna Uygundur. / Compatible with **DJT** Insert. / Kompatibel mit **DJT** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AEM95-XD0206-D16-M08-L23-Z02-H
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*
Sıkma Tork Değeri : S 464 / *Tightening Torque : P 464* / *Anzugsmoment : P 464*

**DJT** Ucuna Uygundur. / Compatible with **DJT** Insert. / Kompatibel mit **DJT** Wendeplatten.




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|
| | | DCX | RE | DCON | LF | LH | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| **APMR-BNM12-D12-C12-L130** | ● | 12 | 6 | 12 | 130 | 32 | **BNM 120-S** | 1210-M3.5x9.6 | 82-T10 |
| **APMR-BNM16-D16-C16-L175** | ● | 16 | 8 | 16 | 175 | 70 | **BNM 160-S** | 1215-M4x13.5 | 80-T15 |
| **APMR-BNM16-D16-C16-L200** | ● | 16 | 8 | 16 | 200 | 100 | | | |
| **APMR-BNM20-D20-C20-L160** | ● | 20 | 10 | 20 | 160 | 70 | **BNM 200-S** | 1220-M5x0.5x15 | 80-T20 |
| **APMR-BNM20-D20-C20-L200** | ● | 20 | 10 | 20 | 200 | 100 | | | |
| **APMR-BNM20-D20-C20-L250** | ● | 20 | 10 | 20 | 250 | 150 | | | |
| **APMR-BNM25-D25-C25-L160** | ● | 25 | 12.5 | 25 | 160 | 70 | **BNM 250-S** | 1220-M6x0.75x20 | |
| **APMR-BNM25-D25-C25-L200** | ● | 25 | 12.5 | 25 | 200 | 100 | | | |
| **APMR-BNM25-D25-C25-L250** | ● | 25 | 12.5 | 25 | 250 | 150 | | | |




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | RE | DCSFMS | TDZ | LF | DCON | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| **APMR-BNM12-D12-M06-L20** | ● | 12 | 6 | 11 | M06 | 20 | 6.5 | **BNM 120-S** | 1210-M3.5x9.6 | 82-T10 |
| **APMR-BNM16-D16-M08-L23** | ● | 16 | 8 | 14.75 | M08 | 23 | 8.5 | **BNM 160-S** | 1215-M4x13.5 | 80-T15 |
| **APMR-BNM20-D20-M10-L30** | ● | 20 | 10 | 18 | M10 | 30 | 10.5 | **BNM 200-S** | 1220-M5x0.5x15 | 80-T20 |

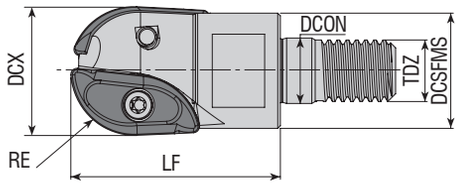
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

**DJT** Ucuna Uygundur. / Compatible with **DJT** Insert. / Kompatibel mit **DJT** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück APMR-BNM12-D12-C12-L130

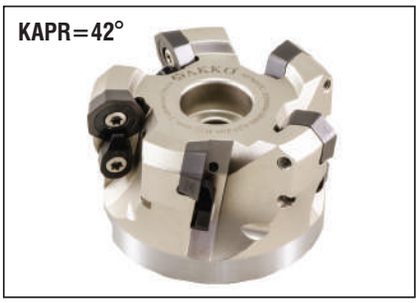
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*
Sıkma Tork Değeri : S 464 / *Tightening Torque : P 464* / *Anzugsmoment : P 464*

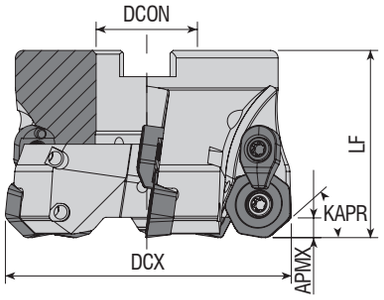
**DJT** Ucuna Uygundur. / Compatible with **DJT** Insert. / Kompatibel mit **DJT** Wendeplatten.




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | RE | DCSFMS | TDZ | LF | DCON | | | |
| **APMR-SWB225-D25-M12-L35** | ● | 25 | 12.5 | 23.5 | M12 | 35 | 12.5 | **SWB225HM-HS** | 4015-M4x9 | 80-T15 |
| **APMR-SWB230-D30-M16-L43** | ● | 30 | 15 | 28 | M16 | 43 | 17 | **SWB230HM-HS** | 1020-M5x11 | 80-T20 |
| **APMR-SWB232-D32-M16-L43** | ● | 32 | 16 | 30 | M16 | 43 | 17 | **SWB232HM-HS** | | |

**KAPR=42°**






| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Baskı Parçası *Wedge Clamp* *Spannpratze* | Baskı Vidası *Clamp Screw* *Klemmschraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | DCON | LF | APMX | | | | | | |
| **AFM42C-XD0806-D063-A27-Z04-H** | ● | 63 | 4 | 27 | 50 | 12 | **XDMW 0806..** | 4020-M4.5x12 | ACK-24 | 4020-M4.5x12 | 80-T20 | 2510-M12x35 |
| **AFM42C-XD0806-D080-A27-Z05-H** | ● | 80 | 5 | 27 | 50 | 12 | | | | | | |
| **AFM42C-XD0806-D100-A32-Z06-H** | ● | 100 | 6 | 32 | 63 | 12 | | | | | | 2514-M16x35 |
| **AFM42C-XD0806-D125-B40-Z07** | ● | 125 | 7 | 40 | 63 | 12 | | | | | | - |
| **AFM42C-XD0806-D160-C40-Z08** | ● | 160 | 8 | 40 | 63 | 12 | | | | | | |
| **AFM42C-XD0806-D200-C60-Z09** | ● | 200 | 9 | 60 | 63 | 12 | | | | | | |

R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager*  ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

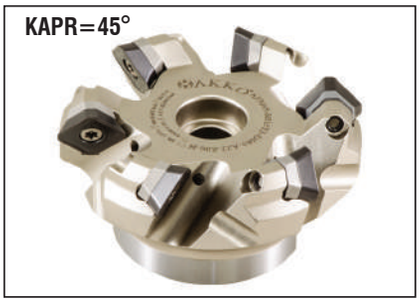
**DJT** Ucuna Uygundur. / Compatible with **DJT** Insert. / Kompatibel mit **DJT** Wendeplatten.

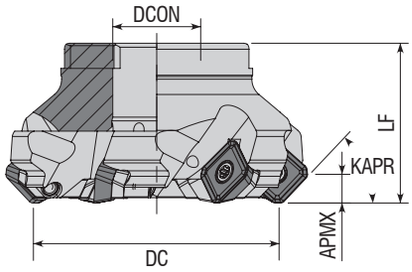
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück APMR-SWB225-D25-M12-L35

Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*
Sıkma Tork Değeri : S 464 / *Tightening Torque : P 464* / *Anzugsmoment : P 464*

**DJT** Ucuna Uygundur. / Compatible with **DJT** Insert. / Kompatibel mit **DJT** Wendeplatten.

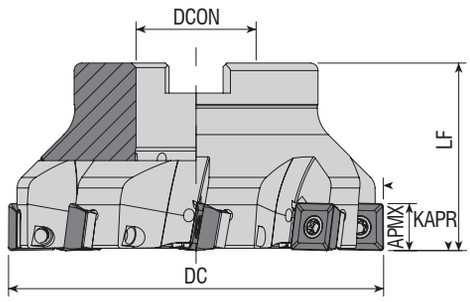
**KAPR=45°**






| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Altlık *Screw* *Unterlage* | Altlık Vidası *Wedge Clamp* *Винт опорной пластины* | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| AFM45-SE13-D050-A22-Z04-H | ● | 50 | 4 | 22 | 40 | 6 | SEMT 13T3.. | - | - | 4015-M3.5x11 | 80-T15 | 2407-M10x30 |
| AFM45-SE13-D063-A22-Z05-H | ● | 63 | 5 | 22 | 40 | 6 | | | | | | |
| AFM45-SE13-D080-A27-Z06-H | ● | 80 | 6 | 27 | 50 | 6 | | | | | | 2510-M12x35 |
| AFM45S-SE13-D050-A22-Z05-H | ● | 50 | 5 | 22 | 40 | 6 | | AASE-3-0001 | AAV-16-M3.5x8 | 4015-M3.5x12 | | 2407-M10x30 |
| AFM45S-SE13-D063-A22-Z06-H | ● | 63 | 6 | 22 | 40 | 6 | | | | | | |
| AFM45S-SE13-D080-A27-Z08-H | ● | 80 | 8 | 27 | 50 | 6 | | | | | | 2510-M12x35 |
| AFM45S-SE13-D100-A32-Z10-H | ● | 100 | 10 | 32 | 50 | 6 | | | | | | 2514-M16x35 |
| AFM45S-SE13-D125-B40-Z12 | ● | 125 | 12 | 40 | 63 | 6 | | | | | | - |

**KAPR=90°**




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Altlık *Screw* *Unterlage* | Baskı Parçası *Wedge Clamp* *Spannpratze* | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| AFM90S-SD1204-D050-A22-Z04-H | ● | 50 | 4 | 22 | 40 | 11 | SDMT 1204.. | AASD-3-0001 | AAV-08-M3.5x8 | 4015-M3.5x12 | 80-T15 | 2408-M10x30 |
| AFM90S-SD1204-D063-A22-Z05-H | ● | 63 | 5 | 22 | 40 | 11 | | | AAV-06-M3.5x11 | 4015-M3.5x14 | | 2508-M10x30 |
| AFM90S-SD1204-D080-A27-Z06-H | ● | 80 | 6 | 27 | 50 | 11 | | | | | | 2510-M12x35 |
| AFM90S-SD1204-D100-A32-Z08-H | ● | 100 | 8 | 32 | 50 | 11 | | | | | | 2514-M16x35 |
| AFM90S-SD1204-D125-B40-Z10 | ● | 125 | 10 | 40 | 63 | 11 | | | | | | - |
| AFM90S-SD1204-D160-C40-Z12 | ● | 160 | 12 | 40 | 63 | 11 | | | | | | |

R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager*  ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

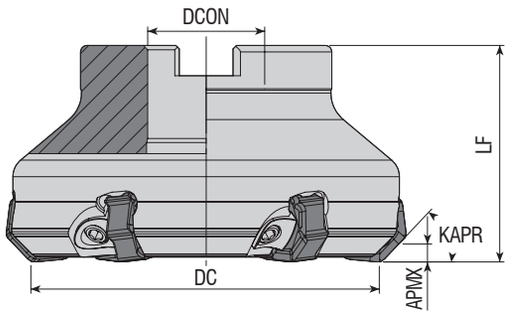
**DJT** Ucuna Uygundur. / Compatible with **DJT** Insert. / Kompatibel mit **DJT** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AFM45-SE13-D050-A22-Z04-H

Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*
Sıkma Tork Değeri : S 464 / *Tightening Torque : P 464* / *Anzugsmoment : P 464*

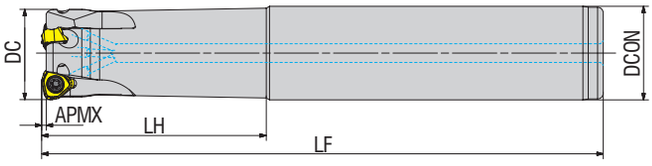
**DJT** Ucuna Uygundur. / Compatible with **DJT** Insert. / Kompatibel mit **DJT** Wendeplatten.

**KAPR=45°**




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Baskı Parçası *Wedge Clamp* *Spannpratze* | Baskı Vidası *Clamp Screw* *Klemmschraube* | Anahtar *Allen Key* *Innensechskantschlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| **AFM45C-XN0806-D063-A22-Z05** | ● | 63 | 5 | 22 | 50 | 4.5 | **XNMU 0806..** | ACK-26 | AKV-26-M6x0.75x20 | AAL-03-03 | 2508-M10x30 |
| **AFM45C-XN0806-D080-A27-Z06** | ● | 80 | 6 | 27 | 50 | 4.5 | | | | | 2510-M12x35 |
| **AFM45C-XN0806-D100-A32-Z08** | ● | 100 | 8 | 32 | 50 | 4.5 | | | | | 2514-M16x35 |
| **AFM45C-XN0806-D125-B40-Z08** | ● | 125 | 8 | 40 | 63 | 4.5 | | | | | |
| **AFM45C-XN0806-D160-C40-Z10** | ● | 160 | 10 | 40 | 63 | 4.5 | | | | | - |
| **AFM45C-XN0806-D200-C60-Z12** | ● | 200 | 12 | 60 | 63 | 4.5 | | | | | |

new

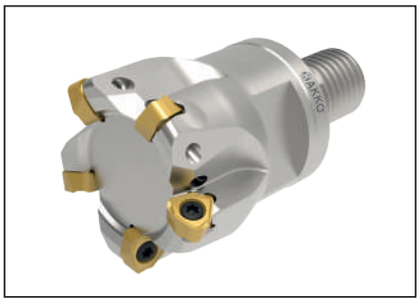


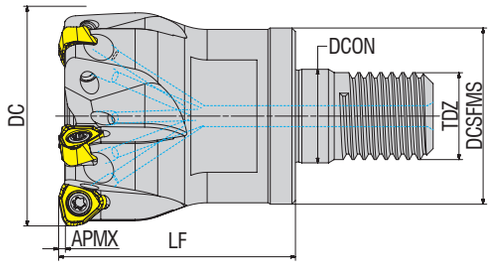

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LH | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Anahtar *Allen Key* Innensechskantschlüssel |
| **AHFM-WN0503-D20-C20-L150-Z02-H** | ● | 20 | 2 | 20 | 60 | 150 | 1.25 | **WN.. 0503..** | 4008-M3x8 | 82-T08 |
| **AHFM-WN0503-D25-C25-L150-Z03-H** | ● | 25 | 3 | 25 | 60 | 150 | 1.25 | | | |

R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**DJT** Ucuna Uygundur. / Compatible with **DJT** Insert. / Kompatibel mit **DJT** Wendeplatten.

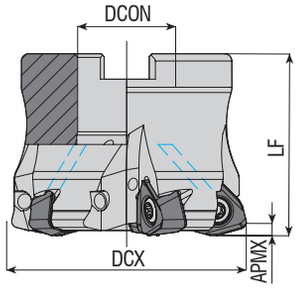
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AFM45C-XN0806-D063-A22-Z05
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*
Sıkma Tork Değeri : S 464 / *Tightening Torque : P 464* / *Anzugsmoment : P 464*

**DJT** Ucuna Uygundur. / Compatible with **DJT** Insert. / Kompatibel mit **DJT** Wendeplatten.






| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* | | | | | | | Kesici Uç / *Insert* / *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCSFMS | TDZ | LF | DCON | APMX | | Sıkma Vidası / *Screw* / *Schraube* | Anahtar / *Allen Key* / Innensechskantschlüssel |
| **AHFM-WN0503-D32-M16-L43-Z04-H** | ● | 32 | 4 | 29 | M16 | 43 | 17 | 1.25 | **WN.. 0503..** | 4008-M3x8 | 82-T08 |
| **AHFM-WN0503-D35-M16-L43-Z04-H** | ● | 35 | 4 | 29 | M16 | 43 | 17 | 1.25 | | | |
| **AHFM-WN0503-D40-M16-L43-Z05-H** | ● | 40 | 5 | 32.3 | M16 | 43 | 17 | 1.25 | | | |

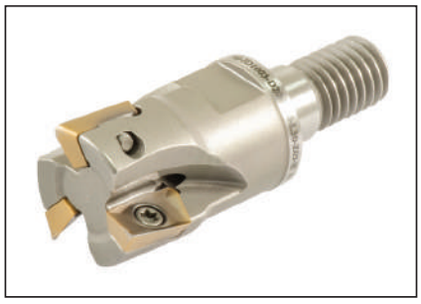


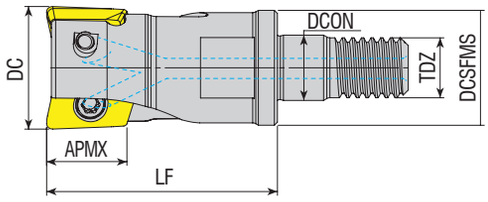

| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* | | | | | Kesici Uç / *Insert* / *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | DCON | LF | APMX | | Sıkma Vidası / *Screw* / *Schraube* | Tork Anahtar / *Torx Key* / *Torx-Schlüssel* | Montaj Vidası / *Mounting Screw* / *Befestigungsschraube* |
| new **AHFM-WN0503-D050-A22-Z07-H** | ● | 50 | 7 | 22 | 50 | 1.25 | **WNMU 0503..** | 4008-M3x8 | 82-T08 | 2508-M10x30 |
| **AHFM-WN0706-D050-A22-Z05-H** | ● | 50 | 5 | 22 | 50 | 2 | **WNMU 0706..** | 4015-M4x11 | 80-T15 | |
| **AHFM-WN0706-D063-A22-Z06-H** | ● | 63 | 6 | 22 | 50 | 1.5 | | | | |
| new **AHFM-WN0706-D080-A27-Z07-H** | ● | 80 | 7 | 27 | 50 | 1.5 | | | | 2510-M12x35 |
| **AHFM-WN0907-D050-A22-Z04-H** | ● | 50 | 4 | 22 | 50 | 3 | **WNMU 0907..** | 1020-M5x14 | 80-T20 | 2510-M12x35 |
| **AHFM-WN0907-D052-A22-Z04-H** | ● | 52 | 4 | 22 | 50 | 3 | | | | |
| **AHFM-WN0907-D063-A22-Z05-H** | ● | 63 | 5 | 22 | 50 | 3 | | | | |
| **AHFM-WN0907-D066-A27-Z05-H** | ● | 66 | 5 | 27 | 50 | 3 | | | | |
| **AHFM-WN0907-D080-A27-Z06-H** | ● | 80 | 6 | 27 | 50 | 3 | | | | |
| **AHFM-WN0907-D100-A32-Z07-H** | ● | 100 | 7 | 32 | 50 | 3 | | | | |

R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager*  ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**DJT** Ucuna Uygundur. / Compatible with **DJT** Insert. / Kompatibel mit **DJT** Wendeplatten.

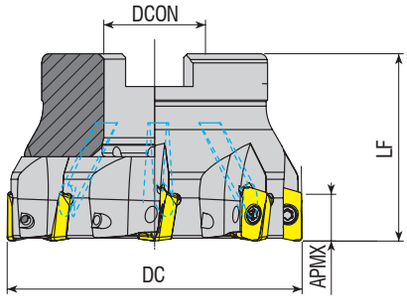
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AHFM-WN0503-D32-M16-L43-Z04-H
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*
Montaj Ölçüleri : S 462 / *Mounting Reference : P 462* / *Montagehinweis : P462*

**HTCH** Ucuna Uygundur. / Compatible with **HTCH** Insert. / Kompatibel mit **HTCH** Wendeplatten.






| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCSFMS | TDZ | LF | DCON | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| **AHFM-JD1003-D16-M08-L30-Z02-H** | ● | 16 | 2 | 14.75 | M08 | 30 | 8.5 | 9 | **JDMT 1003..** | 3008-M2.5x6 | 82-T08 |
| **AHFM-JD1003-D20-M10-L30-Z03-H** | ● | 20 | 3 | 18 | M10 | 30 | 10.5 | 9 | | | |

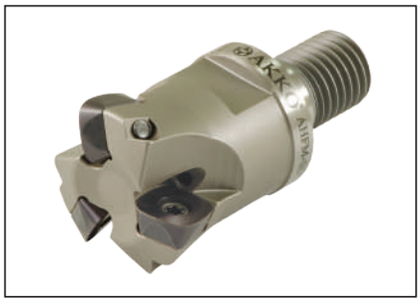


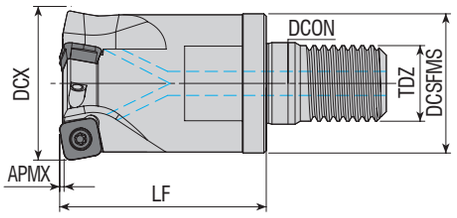

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| **AHFM-JD1003-D040-A16-Z06-H** | ● | 40 | 6 | 16 | 40 | 9 | **JDMT 1003..** | 3008-M2.5x6 | 82-T08 | 2506-M8x30 |
| **AHFM-JD1003-D063-A22-Z08-H** | ● | 63 | 8 | 22 | 40 | 9 | | | | 2508-M10x30 |

R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager*  ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**HTCH** Ucuna Uygundur. / Compatible with **HTCH** Insert. / Kompatibel mit **HTCH** Wendeplatten.

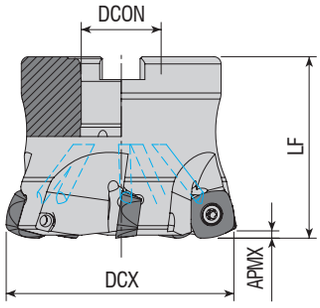
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AHFM-JD1003-D16-M08-L30-Z02-H
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*

**HTCH** Ucuna Uygundur. / Compatible with **HTCH** Insert. / Kompatibel mit **HTCH** Wendeplatten.






| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | DCSFMS | TDZ | LF | DCON | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| **AHFM-SD1205-D32-M16-L40-Z03-H** | ● | 32 | 3 | 29 | M16 | 40 | 17 | 2 | **SD.. 1205..** | 4015-M4x11 | 80-T15 |
| **AHFM-SD1205-D35-M16-L40-Z03-H** | ● | 35 | 3 | 29 | M16 | 40 | 17 | 2 | | | |
| **AHFM-SD1205-D40-M16-L43-Z03-H** | ● | 40 | 3 | 29 | M16 | 43 | 17 | 2 | | | |
| **AHFM-SD1205-D42-M16-L43-Z03-H** | ● | 42 | 3 | 29 | M16 | 43 | 17 | 2 | | | |




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| **AHFM-SD1205-D052-A22-Z04-H** | ● | 52 | 4 | 22 | 50 | 2 | **SD.. 1205..** | 4015-M4x11 | 80-T15 | 2508-M10x30 |
| **AHFM-SD1205-D052-A22-Z05-H** | ● | 52 | 5 | 22 | 50 | 2 | | | | |
| **AHFM-SD1205-D063-A22-Z05-H** | ● | 63 | 5 | 22 | 50 | 2 | | | | |
| **AHFM-SD1205-D066-A22-Z05-H** | ● | 66 | 5 | 22 | 50 | 2 | | | | |
| **AHFM-SD1205-D066-A22-Z06-H** | ● | 66 | 6 | 22 | 50 | 2 | | | | |
| **AHFM-SD1205-D080-A27-Z06-H** | ● | 80 | 6 | 27 | 70 | 2 | | | | 2510-M12x35 |
| **AHFM-SD1205-D100-A32-Z08-H** | ● | 100 | 8 | 32 | 70 | 2 | | | | 2514-M16x35 |

R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*

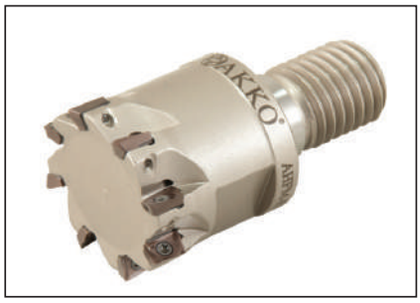
● Stokta / In Stock / *Auf Lager*  ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

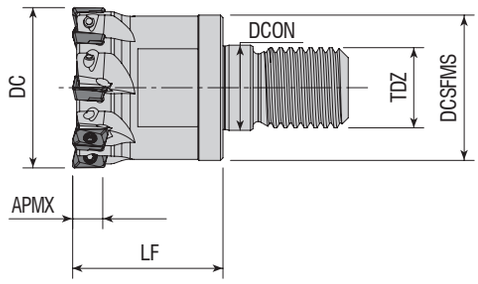
**HTCH** Ucuna Uygundur. / Compatible with **HTCH** Insert. / Kompatibel mit **HTCH** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AHFM-SD1205-D32-M16-L40-Z03-H

Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*
Montaj Ölçüleri : S 462 / *Mounting Reference : P 462* / *Montagehinweis : P 462*

**HTCH** Ucuna Uygundur. / Compatible with **HTCH** Insert. / Kompatibel mit **HTCH** Wendeplatten.





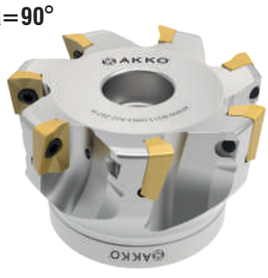

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCSFMS | TDZ | LF | DCON | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| **AHFM-ED0702-D12-M06-L20-Z03** | ● | 12 | 3 | 10 | M06 | 20 | 6.5 | 6 | **EDMT 0702** **JDMT 070204** | 3006-M1.8x4 | 82-T06 |
| **AHFM-ED0702-D16-M08-L25-Z04-H** | ● | 16 | 4 | 14.75 | M08 | 25 | 8.5 | 6 | | | |
| **AHFM-ED0702-D20-M10-L30-Z05-H** | ● | 20 | 5 | 18 | M10 | 30 | 10.5 | 6 | | | |
| **AHFM-ED0702-D25-M12-L30-Z06-H** | ● | 25 | 6 | 21 | M12 | 30 | 12.5 | 6 | | | |
| **AHFM-ED0702-D32-M16-L30-Z08-H** | ● | 32 | 8 | 29 | M16 | 30 | 17 | 6 | | | |

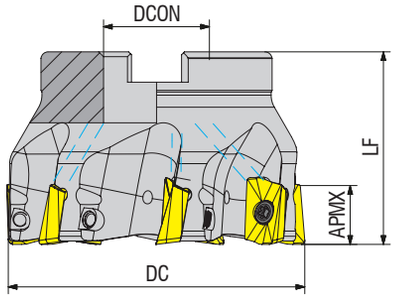
**HTCH** Ucuna Uygundur. / Compatible with **HTCH** Insert. / Kompatibel mit **HTCH** Wendeplatten.

**INGS** Ucuna Uygundur. / Compatible with **INGS** Insert. / Kompatibel mit **INGS** Wendeplatten.

new

**KAPR=90°**



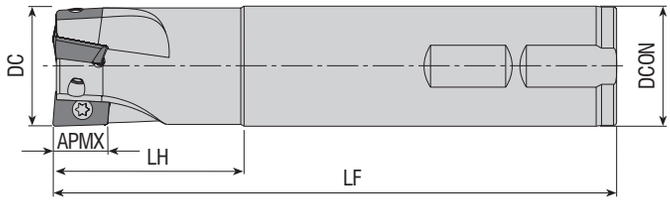



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| **AFM90-B013-D040-A16-Z05-H** | ● | 40 | 5 | 16 | 40 | 12 | **BO.. 1304..** | 3008-M2.5X6 | 2406-M8X30 | 82-T08 |
| **AFM90-B013-D050-A22-Z06-H** | ● | 50 | 6 | 22 | 40 | 12 | | 3010-M3.5X9 | 2408-M10x30 | 82-T10 |
| **AFM90-B013-D063-A22-Z07-H** | ● | 63 | 7 | 22 | 40 | 12 | | 3008-M2.5X6 | 2508-M10x30 | 82-T08 |
| **AFM90-B013-D080-A27-Z09-H** | ● | 80 | 9 | 27 | 50 | 12 | | 3010-M3.5X9 | 2510-M12x35 | 82-T10 |

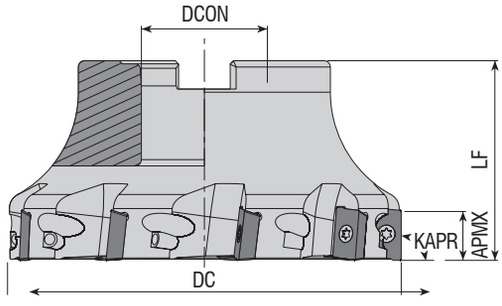
R: Sağ / Right / *Rechts*/ L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**INGS** Ucuna Uygundur. / Compatible with **INGS** Insert. / Kompatibel mit **INGS** Wendeplatten.

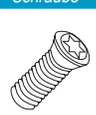
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AHFM-ED0702-D12-M06-L20-Z03
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*
Sıkma Tork Değeri : S 464 / *Tightening Torque : P 464* / *Anzugsmoment : P 464*

**ISCR** Ucuna Uygundur. / Compatible with **ISCR** Insert. / Kompatibel mit **ISCR** Wendeplatten.




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | LH | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| **AEM90-AD1505-D25-W25-L150-Z02** | ● | 25 | 2 | 25 | 150 | 50 | 14.30 | **AD.. 1505..** | 4015-M4x9 | 80-T15 |
| **AEM90-AD1505-D30-W25-L150-Z03** | ● | 30 | 3 | 25 | 150 | 40 | 14.30 | | | |
| **AEM90-AD1505-D32-W32-L150-Z03** | ● | 32 | 3 | 32 | 150 | 50 | 14.30 | | | |




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube*  | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| **AFM90-AD1505-D040-A16-Z04-H** | ● | 40 | 4 | 16 | 40 | 14.3 | **AD.. 1505..** | 4015-M4x11 | 80-T15 | 2506-M8x30 |
| **AFM90-AD1505-D050-A22-Z05-H** | ● | 50 | 5 | 22 | 40 | 14.3 | | | | 2508-M10x30 |
| **AFM90-AD1505-D063-A22-Z06-H** | ● | 63 | 6 | 22 | 40 | 14.3 | | | | |
| **AFM90-AD1505-D080-A27-Z07-H** | ● | 80 | 7 | 27 | 50 | 14.3 | | | | 2510-M12x35 |
| **AFM90-AD1505-D100-A32-Z08-H** | ● | 100 | 8 | 32 | 50 | 14.3 | | | | 2514-M16x35 |
| **AFM90-AD1505-D125-B40-Z09** | ● | 125 | 9 | 40 | 63 | 14.3 | | | | - |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*

● *Stokta / In Stock / Auf Lager* ○ *Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage*

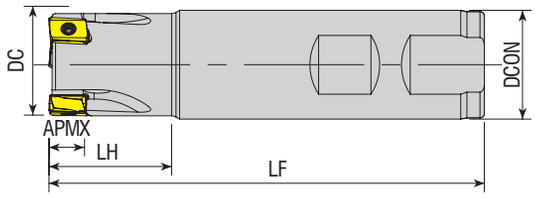
**ISCR** Ucuna Uygundur. / Compatible with **ISCR** Insert. / Kompatibel mit **ISCR** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AEM90-AD1505-D25-W25-L150-Z02

*Kesme Hesabı : S 465 / Cutting Calculation : P 465 / Schnittberechnung : P 465*

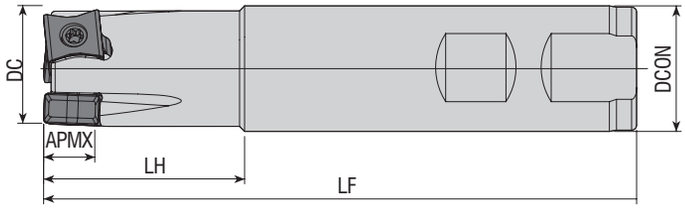
**ISCR** Ucuna Uygundur. / Compatible with **ISCR** Insert. / Kompatibel mit **ISCR** Wendeplatten.

**KAPR=90°**




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | LH | APMX | | | |
| AEM90-LN08-D16-W16-L100-Z02-H | ● | 16 | 2 | 16 | 100 | 28 | 8 | **LNMT 0804..** | 1707-U4-48x6 | 82-T07 |
| AEM90-LN08-D16-W16-L150-Z02 | ● | 16 | 2 | 16 | 150 | 40 | 8 | | | |
| AEM90-LN08-D20-W20-L100-Z03-H | ● | 20 | 3 | 20 | 100 | 28 | 8 | | 1707-U4-48x6.5 | |
| AEM90-LN08-D25-W25-L100-Z03-H | ● | 25 | 3 | 25 | 100 | 30 | 8 | | | |
| AEM90-LN08-D32-W32-L110-Z05-H | ● | 32 | 5 | 32 | 110 | 30 | 8 | | 1707-U4-48x8.2 | |
| AEM90-LN1306-D32-W32-L150-Z03 | ● | 32 | 3 | 32 | 150 | 50 | 12.5 | **LNMT 1306..** | 4015-M4x11 | 80-T15 |
| AEM90-LN1306-D32-C32-L110-Z03-H | ● | 32 | 3 | 32 | 110 | 40 | 12.5 | | | |
| AEM90-LN1306-D40-W32-L150-Z04 | ● | 40 | 4 | 32 | 150 | 35 | 12.5 | | | |

**KAPR=90°**

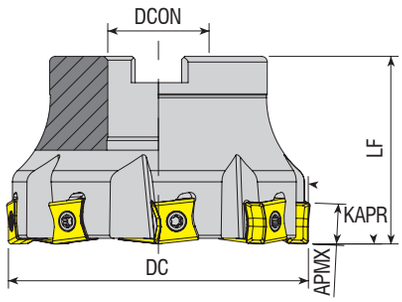



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | LH | APMX | | | |
| AEM90-LN1106-D25-W25-L150-Z03 | ● | 25 | 3 | 25 | 150 | 40 | 10 | **LNMT 1106..** | 4015-M3.5x11 | 80-T15 |
| AEM90-LN1106-D32-W32-L150-Z04 | ● | 32 | 4 | 32 | 150 | 40 | 10 | | | |
| AEM90-LN1106-D40-W32-L150-Z05 | ● | 40 | 5 | 32 | 150 | 40 | 10 | | | |

R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager*  ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**ISCR** Ucuna Uygundur. / Compatible with **ISCR** Insert. / Kompatibel mit **ISCR** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AEM90-LN08-D16-W16-L100-Z02-H
*Kesme Hesabı : S 465 / Cutting Calculation : P 465 / Schnittberechnung : P 465*

**ISCR** Ucuna Uygundur. / Compatible with **ISCR** Insert. / Kompatibel mit **ISCR** Wendeplatten.




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| | | DC | ZEFP | DCON | LF | APMX | | | | |
| AFM90-LN1106-D040-A16-Z06 | ● | 40 | 6 | 16 | 40 | 10 | LNMT 1106.. | 4015-M3.5x11 | 80-T15 | 2506-M8x30 |
| AFM90-LN1106-D050-A22-Z05 | ● | 50 | 5 | 22 | 40 | 10 | | | | 2508-M10x30 |
| AFM90-LN1106-D063-A22-Z06 | ● | 63 | 6 | 22 | 40 | 10 | | | | |
| AFM90-LN1106-D080-A27-Z08 | ● | 80 | 8 | 27 | 50 | 10 | | | | 2510-M12x35 |
| AFM90L-LN1106-D080-A27-Z08 | ● | 80 | 8 | 27 | 50 | 10 | | | | |
| AFM90-LN1106-D100-A32-Z09 | ● | 100 | 9 | 32 | 50 | 10 | | | | 2514-M16x35 |
| AFM90L-LN1106-D100-A32-Z09 | ● | 100 | 9 | 32 | 50 | 10 | | | | |
| AFM90-LN1106-D125-B40-Z10 | ● | 125 | 10 | 40 | 63 | 10 | | | | - |
| AFM90-LN1306-D040-A16-Z04-H | ● | 40 | 4 | 16 | 40 | 12.5 | T490 LNMT 1306.. | 4015-M4x11 | | 2506-M8x30 |
| AFM90-LN1306-D050-A22-Z05-H | ● | 50 | 5 | 22 | 40 | 12.5 | | | | 2508-M10x30 |
| AFM90-LN1306-D063-A22-Z06-H | ● | 63 | 6 | 22 | 40 | 12.5 | | | | |
| AFM90-LN1306-D080-A27-Z07-H | ● | 80 | 7 | 27 | 50 | 12.5 | | | | 2510-M12x35 |
| AFM90-LN1306-D100-A32-Z08-H | ● | 100 | 8 | 32 | 50 | 12.5 | | | | 2514-M16x35 |
| AFM90L-LN1506-D040-A16-Z04 | ● | 40 | 4 | 16 | 40 | 14 | LNMT 1506.. | 4015-M4x11 | | 2506-M8x30 |
| AFM90-LN1506-D040-A16-Z04 | ○ | 40 | 4 | 16 | 40 | 14 | | | | |
| AFM90-LN1506-D050-A22-Z05 | ○ | 50 | 5 | 22 | 40 | 14 | | | | 2508-M10x30 |
| AFM90-LN1506-D063-A22-Z06 | ○ | 63 | 6 | 22 | 40 | 14 | | | | |
| AFM90-LN1506-D080-A27-Z07 | ○ | 80 | 7 | 27 | 50 | 14 | | | | 2510-M12x35 |
| AFM90-LN1607-D050-A22-Z03-H | ● | 50 | 3 | 22 | 40 | 16 | T490 LNHT 1607.. | 4420-M5x14 | 80-T20 | 2508-M10x30 |
| AFM90-LN1607-D063-A22-Z04-H | ○ | 63 | 4 | 22 | 40 | 16 | | | | |
| AFM90-LN1607-D063-A22-Z06-H | ● | 63 | 6 | 22 | 40 | 16 | | | | |
| AFM90-LN1607-D080-A27-Z05-H | ● | 80 | 5 | 27 | 50 | 16 | | | | 2510-M12x35 |
| AFM90-LN1607-D100-A32-Z06-H | ● | 100 | 6 | 32 | 50 | 16 | | | | 2514-M16x35 |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*

● *Stokta / In Stock / Auf Lager* ○ *Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage*

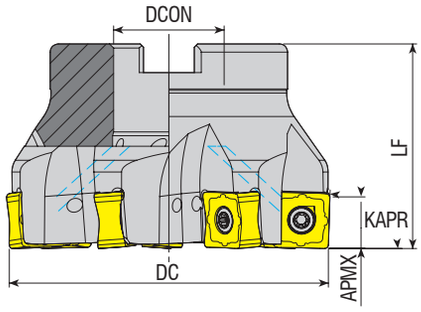
**ISCR** Ucuna Uygundur. / Compatible with **ISCR** Insert. / Kompatibel mit **ISCR** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AFM90-LN1106-D040-A16-Z06

Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*
Montaj Ölçüleri : S 462 / *Mounting Reference : P 462* / *Montagehinweis : P 462*

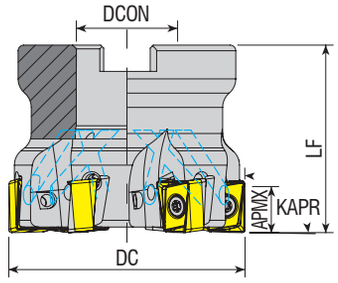
**ISCR** Ucuna Uygundur. / Compatible with **ISCR** Insert. / Kompatibel mit **ISCR** Wendeplatten.

**KAPR=89°**




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Baskı Parçası *Wedge Clamp* *Spannpratze* | Baskı Vidası *Clamp Screw* *Klemmschraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| AFM89-SN1305I-D040-A16-Z04-H | ● | 40 | 4 | 16 | 40 | 10 | **SNMU 1305..** | 1015 M4x11 | - | - | 80-T15 | 2306-M8x37 |
| AFM89-SN1305I-D050-A22-Z05-H | ● | 50 | 5 | 22 | 40 | 10 | | | | | | 2508-M10x30 |
| AFM89-SN1305I-D063-A22-Z06-H | ● | 63 | 6 | 22 | 40 | 10 | **SNMU 1305..** | | | | | |
| AFM89-SN1305I-D063-A22-Z07-H | ● | 63 | 7 | 22 | 40 | 10 | **OXMT 0507..** | | | | | |
| AFM89-SN1305I-D080-A27-Z08-H | ● | 80 | 8 | 27 | 50 | 10 | | | | | | 2510-M12x35 |
| AFM89-SN1305I-D100-A32-Z10-H | ● | 100 | 10 | 32 | 50 | 10 | | | | | | 2514-M16x35 |

**KAPR=90°**

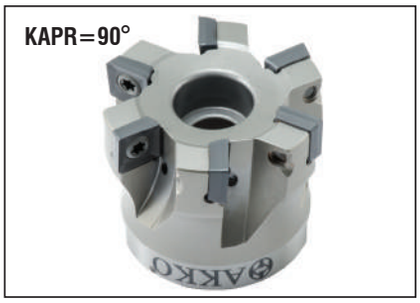


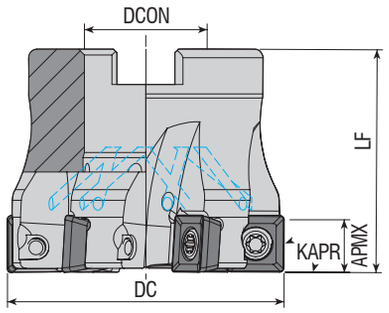

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| AFM90-AN12-D040-A16-Z04-H | ● | 40 | 4 | 16 | 40 | 12 | **ANKX 1205..** | 4015-M4x12 | 80-T15 | 2406-M8x30 |
| AFM90-AN12-D050-A22-Z05-H | ● | 50 | 5 | 22 | 40 | 12 | | | | 2508-M10x30 |
| AFM90-AN12-D063-A27-Z06-H | ● | 63 | 6 | 27 | 50 | 12 | | | | 2510-M12x35 |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**ISCR** Ucuna Uygundur. / Compatible with **ISCR** Insert. / Kompatibel mit **ISCR** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AFM89-SN1305I-D040-A16-Z04-H
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*

## ISCR Ucuna Uygundur. / Compatible with ISCR Insert. / Kompatibel mit ISCR Wendeplatten.

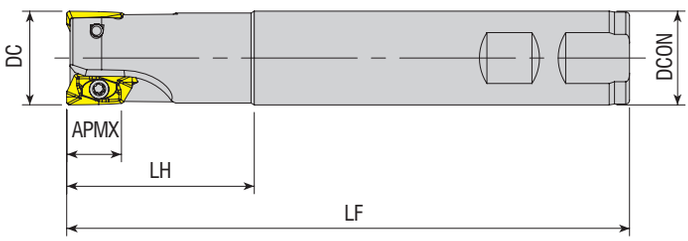



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DC | ZEFP | DCON | LF | APMX | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
|---|---|---|---|---|---|---|---|---|---|---|
| AFM90-SP1004-D040-A16-Z04-H | ● | 40 | 4 | 16 | 40 | 9.4 | SPMT 1004.. | 4015-M4x10 | 80-T15 | 2506-M8x30 |
| AFM90-SP1004-D050-A22-Z04-H | ● | 50 | 4 | 22 | 40 | 9.4 | | | | 2508-M10x30 |
| AFM90-SP1004-D050-A22-Z06-H | ● | 50 | 6 | 22 | 40 | 9.4 | XPMT 1004.. | | | |
| AFM90-SP1004-D063-A22-Z05-H | ● | 63 | 5 | 22 | 40 | 9.4 | QPMR 1004.. | | | |
| AFM90-SP1004-D080-A27-Z07-H | ● | 80 | 7 | 27 | 50 | 9.4 | QPMT 1004.. | | | 2510-M12x35 |
| AFM90-SP1004-D100-A32-Z08-H | ● | 100 | 8 | 32 | 50 | 9.4 | | | | 2514-M16x35 |

**ISCR** Ucuna Uygundur. / Compatible with **ISCR** Insert. / Kompatibel mit **ISCR** Wendeplatten.

## KNMTL Ucuna Uygundur. / Compatible with KNMTL Insert. / Kompatibel mit KNMTL Wendeplatten.



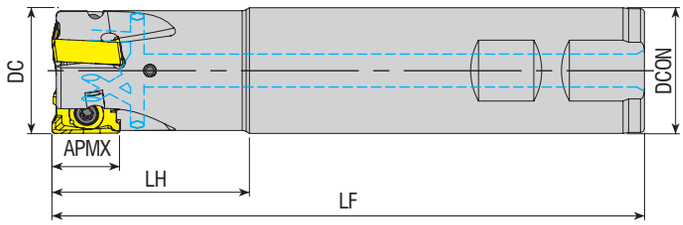

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DC | ZEFP | DCON | LF | LH | APMX | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| AEM90-ED10T3-D16-W16-L120-Z02 | ● | 16 | 2 | 16 | 120 | 30 | 10 | EDPT 10T3.. | 3008-M2.5x5 | 82-T08 |
| AEM90-ED10T3-D20-W20-L120-Z02 | ● | 20 | 2 | 20 | 120 | 30 | 10 | | 3008-M2.5x6 | |
| AEM90-ED1404-D20-W20-L150-Z02 | ● | 20 | 2 | 20 | 150 | 50 | 14.5 | EDPT 1404.. | 3008-M3x6 | |
| AEM90-ED1404-D25-W25-L150-Z02 | ● | 25 | 2 | 25 | 150 | 50 | 14.5 | | | |
| AEM90-ED1404-D30-C25-L150-Z03 | ● | 30 | 3 | 25 | 150 | 50 | 14.5 | | | |

R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**KNMTL** Ucuna Uygundur. / Compatible with **KNMTL** Insert. / Kompatibel mit **KNMTL** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AFM90-SP1004-D040-A16-Z04-H
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*

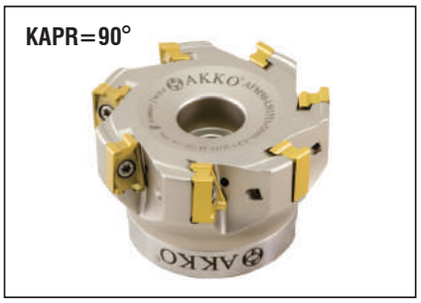
**KNMTL** Ucuna Uygundur. / Compatible with **KNMTL** Insert. / Kompatibel mit **KNMTL** Wendeplatten.

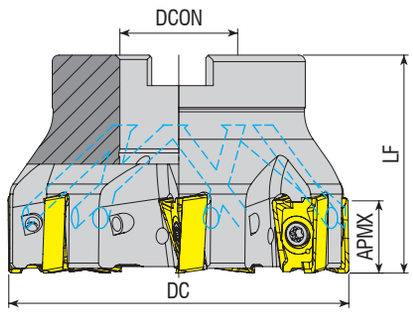
**KAPR=90°**

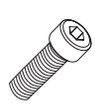



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | LH | APMX | | | |
| **AEM90-LN15T6-D25-W25-L150-Z02-H** | ● | 25 | 2 | 25 | 150 | 50 | 15.5 | **LNGU 15T6..** | 4015-M4x12 | 80-T15 |
| **AEM90-LN15T6-D32-W32-L150-Z03-H** | ● | 32 | 3 | 32 | 150 | 50 | 15.5 | | | |
| **AEM90-LN15T6-D40-W32-L150-Z03-H** | ● | 40 | 3 | 32 | 150 | 40 | 15.5 | | | |

**KAPR=90°**





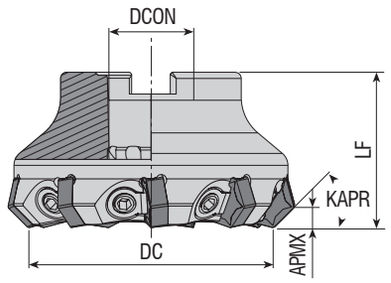

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | | |  |
| **AFM90-LN15T6-D050-A22-Z05-H** | ● | 50 | 5 | 22 | 40 | 15.5 | **LNGU 15T6..** | 4015-M4x12 | 80-T15 | 2508-M10x30 |
| **AFM90-LN15T6-D063-A22-Z06-H** | ● | 63 | 6 | 22 | 40 | 15.5 | | | | |
| **AFM90-LN15T6-D080-A27-Z07-H** | ● | 80 | 7 | 27 | 50 | 15.5 | | | | 2510-M12x35 |

R: Sağ / Right / *Rechts*/ L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**KNMTL** Ucuna Uygundur. / Compatible with **KNMTL** Insert. / Kompatibel mit **KNMTL** Wendeplatten.

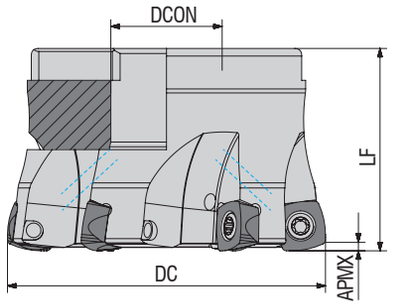
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AEM90-LN15T6-D25-W25-L150-Z02-H
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*

**KNMTL** Ucuna Uygundur. / Compatible with **KNMTL** Insert. / Kompatibel mit **KNMTL** Wendeplatten.

**KAPR=45°**




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Baskı Parçası *Wedge Clamp* *Spannpratze* | Baskı Vidası *Clamp Screw* *Klemmschraube* | Anahtar *Allen Key* *Innensechskantschlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| **AFM45C-HN0905-D063-A22-Z07** | ● | 63 | 7 | 22 | 40 | 4.5 | **HN.. 0905..** | ACK-11 | AKV-15-M8x1x20 | AAL-05-4 | 2508-M10x30 |
| **AFM45C-HN0905-D080-A27-Z09** | ● | 80 | 9 | 27 | 50 | 4.5 | | | | | 2510-M12x35 |
| **AFM45C-HN0905-D100-A32-Z11** | ● | 100 | 11 | 32 | 50 | 4.5 | | | | | 2514-M16x35 |
| **AFM45C-HN0905-D125-B40-Z13** | ● | 125 | 13 | 40 | 63 | 4.5 | | | | | |
| **AFM45CL-HN0905-D125-B40-Z10** | ● | 125 | 10 | 40 | 63 | 4.5 | | | | | - |
| **AFM45C-HN0905-D160-C40-Z15** | ● | 160 | 15 | 40 | 63 | 4.5 | | | | | |

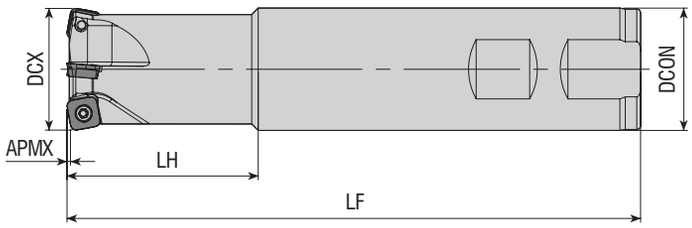



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| **AHFM-XD0904-D050-A22-Z05-H** | ● | 50 | 5 | 22 | 40 | 1.5 | **XD.. 0904..** | 4015-M3.5x9 | 80-T15 | 2508-M10X30 |
| **AHFM-XD0904-D063-A22-Z06-H** | ● | 63 | 6 | 22 | 40 | 1.5 | | | | |

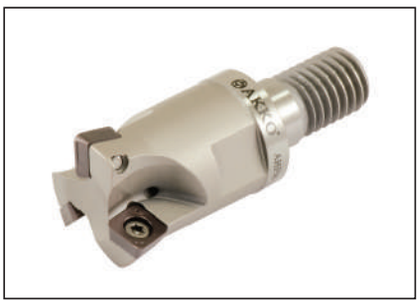
R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager*  ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**KNMTL** Ucuna Uygundur. / Compatible with **KNMTL** Insert. / Kompatibel mit **KNMTL** Wendeplatten.

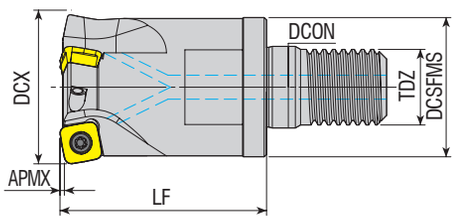
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AFM45C-HN0905-D063-A22-Z07
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*

**KPTK** Ucuna Uygundur. / Compatible with **KPTK** Insert. / Kompatibel mit **KPTK** Wendeplatten.




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | DCON | LF | LH | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| **AHFM-SO0803-D20-W20-L150-Z02** | ● | 20 | 2 | 20 | 150 | 50 | 1 | **SOMW 0803..** | 4010-M3x8 | 82-T10 |
| **AHFM-SO0803-D25-W25-L150-Z03** | ● | 25 | 3 | 25 | 150 | 50 | 1 | | | |
| **AHFM-SO0803-D32-W32-L150-Z04** | ● | 32 | 4 | 32 | 150 | 50 | 1 | | | |
| **AHFM-SO0803-D35-W32-L160-Z04** | ● | 35 | 4 | 32 | 160 | 50 | 1 | | | |





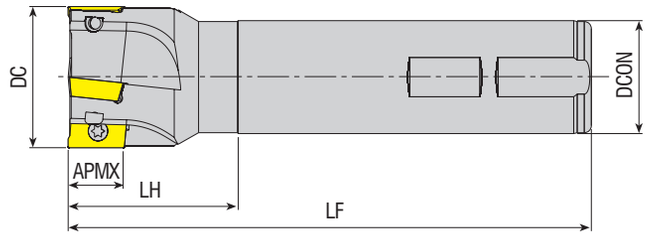

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | DCSFMS | TDZ | LF | DCON | APMX | | Sıkma Vidası *Screw* *Schraube* | Baskı Parçası *Wedge Clamp* *Spannpratze* | Baskı Vidası *Clamp Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| **AHFM-SO0803-D20-M10-L30-Z02-H** | ● | 20 | 2 | 18 | M10 | 30 | 10.5 | 1 | **SOMW 0803..** | 4010-M3X8 | - | - | 82-T10 |
| **AHFM-SO0803-D25-M12-L35-Z03-H** | ● | 25 | 3 | 22 | M12 | 35 | 12.5 | 1 | | | | | |
| **AHFM-SO0803-D32-M16-L43-Z03-H** | ● | 32 | 3 | 29 | M16 | 43 | 17 | 1 | | | | | |
| **AHFM-SO0803-D32-M16-L43-Z04-H** | ● | 32 | 4 | 29 | M16 | 43 | 17 | 1 | | | | | |
| **AHFM-SO0803-D40-M16-L43-Z04-H** | ● | 40 | 4 | 29 | M16 | 43 | 17 | 1 | | | | | |
| **AHFM-SO0803-D40-M16-L43-Z05-H** | ● | 40 | 5 | 29 | M16 | 43 | 17 | 1 | | | | | |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**KPTK** Ucuna Uygundur. / Compatible with **KPTK** Insert. / Kompatibel mit **KPTK** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AHFM-SO0803-D20-W20-L150-Z02
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*

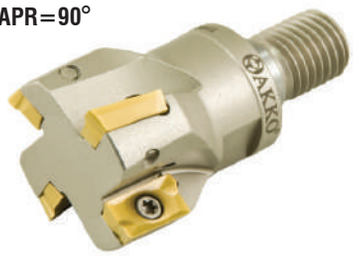
**KRLY** Ucuna Uygundur. / Compatible with **KRLY** Insert. / Kompatibel mit **KRLY** Wendeplatten.

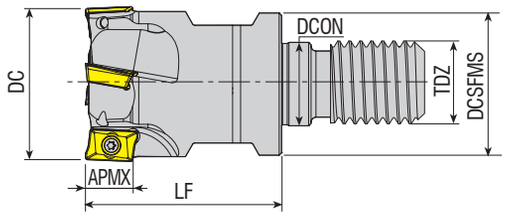
**KAPR=90°**




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | LH | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| AEM90-AP06-D10-C10-L120-Z02 | ● | 10 | 2 | 10 | 120 | 20 | 5.6 | **APMT 0602..** | 3006-M1.8x4 | 82-T06 |
| AEM90-AP06-D12-C12-L120-Z02 | ● | 12 | 2 | 12 | 120 | 20 | 5.6 | | | |
| AEM90-AP0903-D12-C16-L080-Z01-H | ● | 12 | 1 | 16 | 80 | 30 | 9 | **APMT 0903..** | 3008-M2.5x5 | |
| AEM90-AP0903-D16-C16-L090-Z02 | ● | 16 | 2 | 16 | 90 | 30 | 9 | | | |
| AEM90-AP0903-D16-C16-L150-Z02 | ● | 16 | 2 | 16 | 150 | 30 | 9 | | | |
| AEM90-AP0903-D17-C16-L150-Z02 | ● | 17 | 2 | 16 | 150 | 30 | 9 | | | |
| AEM90-AP0903-D18-C16-L090-Z02-H | ● | 18 | 2 | 16 | 90 | 30 | 9 | | | |
| AEM90-AP0903-D20-C20-L110-Z03 | ● | 20 | 3 | 20 | 110 | 30 | 9 | | 3008-M2.5x6 | |
| AEM90-AP0903-D20-C20-L150-Z02 | ● | 20 | 2 | 20 | 150 | 30 | 9 | | | |
| AEM90-AP0903-D20-C20-L200-Z02 | ● | 20 | 2 | 20 | 200 | 100 | 9 | | | |
| AEM90-AP0903-D21-C20-L150-Z02 | ● | 21 | 2 | 20 | 150 | 30 | 9 | | | |
| AEM90-AP0903-D25-C25-L120-Z03 | ● | 25 | 3 | 25 | 120 | 30 | 9 | | | |
| AEM90-AP0903-D25-C25-L150-Z03 | ● | 25 | 3 | 25 | 150 | 30 | 9 | | | |
| AEM90-AP0903-D25-C25-L200-Z02 | ● | 25 | 2 | 25 | 200 | 100 | 9 | | | |

**KAPR=90°**





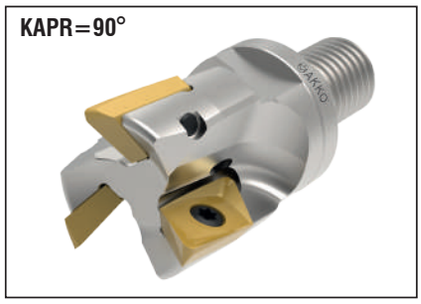

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCSFMS | TDZ | LF | DCON | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| AEM90-AP0903-D20-M12-L35-Z03 | ● | 20 | 3 | 18 | M12 | 35 | 12.5 | 9 | **APMT 0903..** | 3008-M2.5x6 | 82-T08 |
| AEM90-AP0903-D25-M12-L35-Z03 | ● | 25 | 3 | 21 | M12 | 35 | 12.5 | 9 | | | |

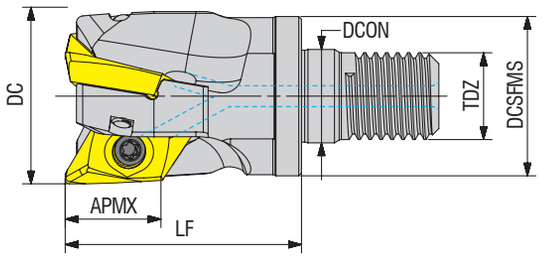
R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager*  ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**KRLY** Ucuna Uygundur. / Compatible with **KRLY** Insert. / Kompatibel mit **KRLY** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AEM90-AP06-D10-C10-L120-Z02
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*

**KRLY** Ucuna Uygundur. / Compatible with **KRLY** Insert. / Kompatibel mit **KRLY** Wendeplatten.

**KAPR=90°**






| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCSFMS | TDZ | LF | DCON | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| **AEM90-XE19-D25-M12-L43-Z02-H-A** | ● | 25 | 2 | 21 | M12 | 43 | 12.5 | 17 | **XE.. 19M5..** | 3015-M4x9 | 80-T15 |
| **AEM90-XE19-D32-M16-L43-Z03-H-A** | ● | 32 | 3 | 29 | M16 | 43 | 17 | 17 | | | |

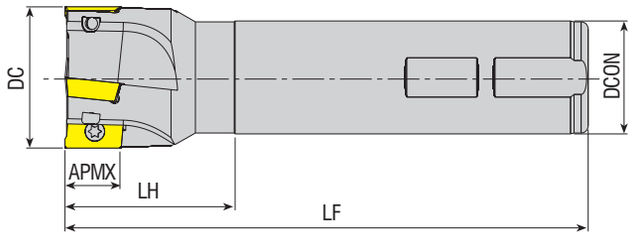
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

**KRLY** Ucuna Uygundur. / Compatible with **KRLY** Insert. / Kompatibel mit **KRLY** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AEM90-XE19-D25-M12-L43-Z02-H-A
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*

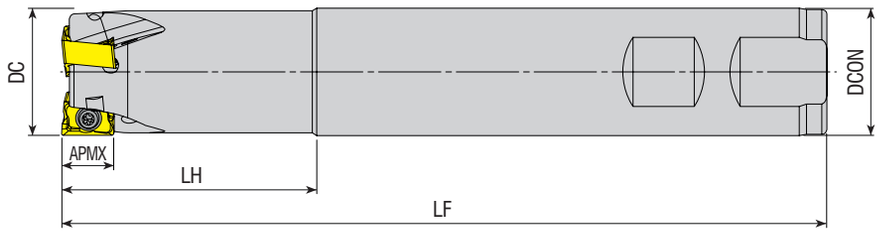
**KRLY** Ucuna Uygundur. / Compatible with **KRLY** Insert. / Kompatibel mit **KRLY** Wendeplatten.

**KAPR=90°**




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | LH | APMX | | | |
| new AEM90-AP11KR-D16-W16-L090-Z02-H | ● | 16 | 2 | 16 | 90 | 30 | 11 | **AP.. 11T3..** | 3008-2.5x6 | 82-T08 |
| new AEM90-AP11KR-D20-W20-L100-Z02-H | ● | 20 | 2 | 20 | 100 | 35 | 11 | | | |
| new AEM90-AP11KR-D20-W20-L100-Z03-H | ● | 20 | 3 | 20 | 100 | 35 | 11 | | | |
| new AEM90-AP11KR-D22-W20-L115-Z03-H | ● | 22 | 3 | 20 | 115 | 28 | 11 | | | |
| AEM90-AP11KR-D25-W25-L115-Z03-H | ● | 25 | 3 | 25 | 115 | 35 | 11 | | | |
| AEM90-AP11KR-D32-W32-L125-Z04-H | ● | 32 | 4 | 32 | 125 | 40 | 11 | | | |
| AEM90-AP11KR-D25-C25-L180-Z04 | ● | 25 | 4 | 25 | 180 | 50 | 11 | | | |

**KAPR=90°**



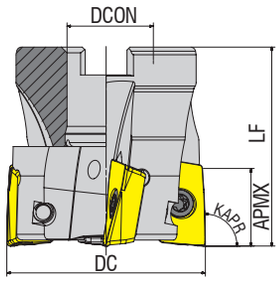

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | LH | APMX | | | |
| AEM90-LN1006-D16-W16-L120-Z01-H | ● | 16 | 1 | 16 | 120 | 30 | 9 | **LN.X 1006..** | 4010-M3x8 | 82-T10 |
| AEM90-LN1006-D16-W16-L150-Z01 | ● | 16 | 1 | 16 | 150 | 50 | 9 | | | |
| AEM90-LN1006-D18-W16-L120-Z02-H | ● | 18 | 2 | 16 | 120 | 30 | 9 | | | |
| AEM90-LN1006-D20-W20-L120-Z02-H | ● | 20 | 2 | 20 | 120 | 30 | 9 | | | |
| AEM90-LN1006-D20-W20-L150-Z02 | ● | 20 | 2 | 20 | 150 | 50 | 9 | | | |
| AEM90-LN1006-D25-W25-L120-Z03-H | ● | 25 | 3 | 25 | 120 | 30 | 9 | | | |
| AEM90-LN1006-D25-W25-L150-Z03 | ● | 25 | 3 | 25 | 150 | 50 | 9 | | | |
| AEM90-LN1006-D32-W32-L120-Z04-H | ● | 32 | 4 | 32 | 120 | 30 | 9 | | | |
| AEM90-LN1006-D32-W32-L150-Z04 | ● | 32 | 4 | 32 | 150 | 50 | 9 | | | |

R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**KRLY** Ucuna Uygundur. / Compatible with **KRLY** Insert. / Kompatibel mit **KRLY** Wendeplatten.

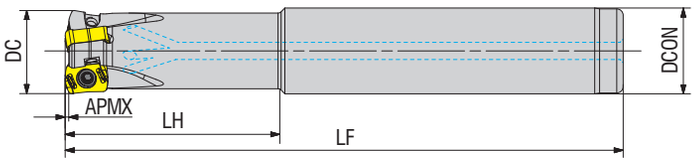
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AEM90-AP11KR-D16-W16-L090-Z02-H
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*

**KRLY** Ucuna Uygundur. / Compatible with **KRLY** Insert. / Kompatibel mit **KRLY** Wendeplatten.

**KAPR=90°**




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| **AFM90-AP16KR-D040-A16-Z04-H** | ● | 40 | 4 | 16 | 40 | 16 | **AP.. 1604..** | 4015-M4x11 | 80-T15 | 2506-M8x30 |
| **AFM90-AP16KR-D050-A22-Z05-H** | ● | 50 | 5 | 22 | 40 | 16 | | | | 2508-M10x30 |
| **AFM90-AP16KR-D063-A22-Z06-H** | ● | 63 | 6 | 22 | 40 | 16 | | | | |
| **AFM90-AP16KR-D080-A27-Z07-H** | ● | 80 | 7 | 27 | 50 | 16 | | | | 2510-M12x35 |
| **AFM90-AP16KR-D100-A32-Z08-H** | ● | 100 | 8 | 32 | 50 | 16 | | | | 2514-M16x35 |
| **AFM90-AP16KR-D125-B40-Z10-H** | ● | 125 | 10 | 40 | 63 | 16 | | | | - |



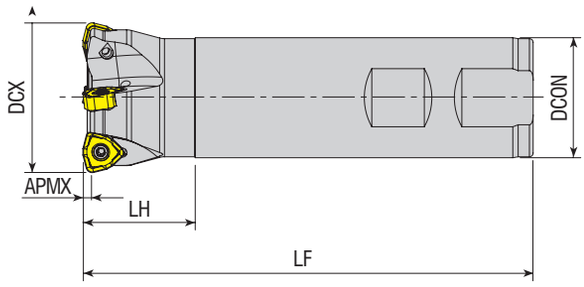

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | LH | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| **AHFM-LN06-D20-C20-L130-Z03-H** | ● | 20 | 3 | 20 | 130 | 50 | 1 | **LNMX 0603..** | 3008-M3X6 | 82-T08 |
| **AHFM-LN06-D20-C20-L160-Z03-H** | ● | 20 | 3 | 20 | 160 | 80 | 1 | | | |
| **AHFM-LN06-D33-C32-L200-Z05-H** | ● | 33 | 5 | 32 | 200 | 40 | 1 | | | |

R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

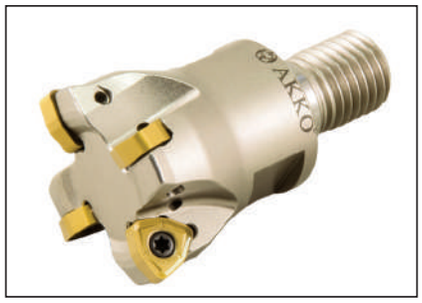
**KRLY** Ucuna Uygundur. / Compatible with **KRLY** Insert. / Kompatibel mit **KRLY** Wendeplatten.

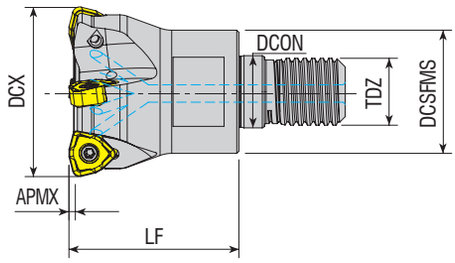
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AFM90-AP16KR-D040-A16-Z04-H
Sıkma Tork Değeri : S 464 / *Tightening Torque : P 464* / *Anzugsmoment : P 464*

**KRLY** Ucuna Uygundur. / Compatible with **KRLY** Insert. / Kompatibel mit **KRLY** Wendeplatten.




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | DCON | LF | LH | APMX | | | |
| AHFM-WN0603-D16-C16-L110-Z02-H | ● | 16 | 2 | 16 | 110 | 30 | 1 | **WNMX 0603..** | 3008-M2.5x6 | 82-T08 |
| AHFM-WN0603-D16-C16-L150-Z02-H | ● | 16 | 2 | 16 | 150 | 70 | 1 | | | |
| AHFM-WN0603-D17-C16-L150-Z02-H | ● | 17 | 2 | 16 | 150 | 20 | 1 | | | |
| AHFM-WN0603-D20-C20-L150-Z02-H | ● | 20 | 2 | 20 | 150 | 70 | 1 | | | |
| AHFM-WN0603-D20-C20-L200-Z02-H | ● | 20 | 2 | 20 | 200 | 100 | 1 | | | |
| AHFM-WN0603-D21-C20-L150-Z02-H | ● | 21 | 2 | 20 | 150 | 20 | 1 | | | |
| AHFM-WN09T3-D25-W25-L120-Z02-H | ● | 25 | 2 | 25 | 120 | 40 | 1.5 | **WNMX 09T3..** | 4010-M3x8 | 82-T10 |
| AHFML-WN09T3-D25-W25-L120-Z02-H | ● | 25 | 2 | 25 | 120 | 40 | 1.5 | | | |
| AHFM-WN09T3-D25-C25-L200-Z02 | ● | 25 | 2 | 25 | 200 | 120 | 1.5 | | | |
| AHFM-WN09T3-D32-W32-L120-Z03-H | ● | 32 | 3 | 32 | 120 | 30 | 1.5 | | | |
| AHFM-WN09T3-D32-W32-L200-Z03-H | ○ | 32 | 3 | 32 | 200 | 100 | 1.5 | | | |
| AHFM-WN09T3-D35-W32-L200-Z04-H | ● | 35 | 4 | 32 | 200 | 50 | 1.5 | | | |
| AHFM-WN09T3-D40-W32-L120-Z04-H | ● | 40 | 4 | 32 | 120 | 30 | 1.5 | | | |
| AHFM-WN09T3-D40-C32-L200-Z04 | ● | 40 | 4 | 32 | 200 | 30 | 1.5 | | | |
| AHFM-WN1305-D32-C32-L150-Z02-H | ○ | 32 | 2 | 32 | 150 | 70 | 2 | **WNMX 1305..** | 4015-M4x11 | 80-T15 |
| AHFM-WN1305-D32-C32-L200-Z02-H | ● | 32 | 2 | 32 | 200 | 120 | 2 | | | |
| AHFM-WN1305-D40-C32-L200-Z03-H | ● | 40 | 3 | 32 | 200 | 30 | 2 | | | |






| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | DCSFMS | TDZ | LF | DCON | APMX | | | |
| AHFM-WN09T3-D32-M16-L40-Z03-H | ● | 32 | 3 | 29 | M16 | 40 | 17 | 1.5 | **WNMX 09T3..** | 4010-M3x8 | 82-T10 |
| AHFM-WN09T3-D35-M16-L40-Z04-H | ● | 35 | 4 | 26 | M16 | 40 | 17 | 1.5 | | | |
| AHFM-WN09T3-D40-M16-L40-Z04-H | ● | 40 | 4 | 29 | M16 | 40 | 17 | 1.5 | | | |

R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

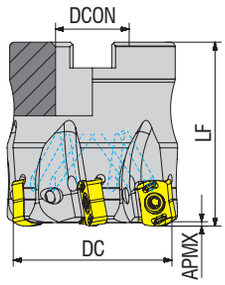
**KRLY** Ucuna Uygundur. / Compatible with **KRLY** Insert. / Kompatibel mit **KRLY** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AHFM-WN0603-D16-C16-L110-Z02-H
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*

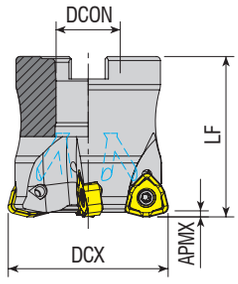
**KRLY** Ucuna Uygundur. / Compatible with **KRLY** Insert. / Kompatibel mit **KRLY** Wendeplatten.

new

**KAPR=90°**




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| **AHFM-LN06-D040-A16-Z06-H** | ● | 40 | 6 | 16 | 40 | 1 | **LN.. 0603..** | 3008-M3X6 | 2506-M8x30 | 82-T08 |
| **AHFM-LN06-D050-A22-Z07-H** | ● | 50 | 7 | 22 | 40 | 1 | | | | |
| **AHFM-LN06-D052-A22-Z08-H** | ● | 52 | 8 | 22 | 40 | 1 | | | 2508-M10x30 | |
| **AHFM-LN06-D063-A22-Z08-H** | ● | 63 | 8 | 22 | 40 | 1 | | | | |




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| **AHFM-WN09T3-D040-A16-Z04-H** | ● | 40 | 4 | 16 | 40 | 1.5 | **WNMX 09T3..** | 4010-M3x8 | 82-T10 | 2506-M8x30 |
| **AHFML-WN09T3-D040-A16-Z04-H** | ● | 40 | 4 | 16 | 40 | 1.5 | | | | |
| **AHFM-WN09T3-D050-A22-Z05-H** | ● | 50 | 5 | 22 | 40 | 1.5 | | | | 2508-M10x30 |
| **AHFML-WN09T3-D050-A22-Z05-H** | ● | 50 | 5 | 22 | 40 | 1.5 | | | | |
| **AHFM-WN09T3-D063-A22-Z06-H** | ● | 63 | 6 | 22 | 40 | 1.5 | | | | |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*

● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

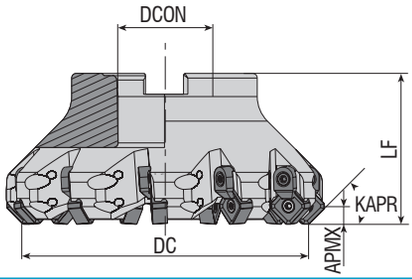
**KRLY** Ucuna Uygundur. / Compatible with **KRLY** Insert. / Kompatibel mit **KRLY** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AHFM-LN06-D040-A16-Z06-H

Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*
Sıkma Tork Değeri : S 464 / *Tightening Torque : P 464* / *Anzugsmoment : P 464*

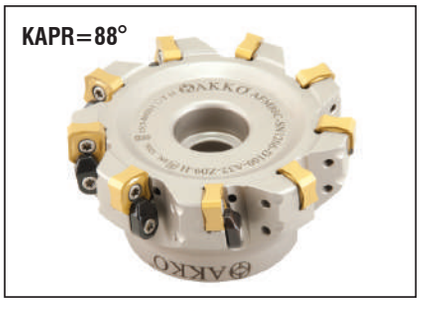
**KRLY** Ucuna Uygundur. / Compatible with **KRLY** Insert. / Kompatibel mit **KRLY** Wendeplatten.

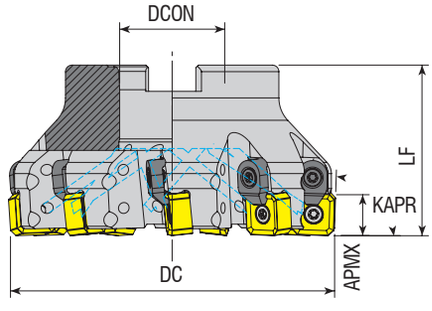
**KAPR=45°**




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DC | ZEFP | DCON | LF | APMX | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Baskı Parçası *Wedge Clamp* *Spannpratze* | Baskı Vidası *Clamp Screw* *Klemmschraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AFM45C-SN1206-D050-A22-Z04-H | ● | 50 | 4 | 22 | 42 | 6 | SN.. 1206.. | 4015-M4x11 | ACK-05 | 4015-M4x11 | 80-T15 | 2407-M10x30 |
| AFM45CL-SN1206-D050-A22-Z05-H | ● | 50 | 5 | 22 | 42 | 6 | | | | | | |
| AFM45C-SN1206-D050-A22-Z05-H | ● | 50 | 5 | 22 | 42 | 6 | | | | | | |
| AFM45C-SN1206-D063-A22-Z06-H | ● | 63 | 6 | 22 | 42 | 6 | | | | | | |
| AFM45C-SN1206-D063-A22-Z07-H | ● | 63 | 7 | 22 | 42 | 6 | | | | | | |
| AFM45CL-SN1206-D063-A22-Z07-H | ● | 63 | 7 | 22 | 42 | 6 | | | | | | |
| AFM45C-SN1206-D080-A27-Z07-H | ● | 80 | 7 | 27 | 52 | 6 | | | | | | 2510-M12x35 |
| AFM45C-SN1206-D080-A27-Z08-H | ● | 80 | 8 | 27 | 52 | 6 | | | | | | |
| AFM45CL-SN1206-D080-A27-Z08-H | ● | 80 | 8 | 27 | 52 | 6 | | | | | | |
| AFM45C-SN1206-D100-A32-Z08-H | ● | 100 | 8 | 32 | 52 | 6 | | | | | | 2514-M16x35 |
| AFM45C-SN1206-D100-A32-Z10-H | ● | 100 | 10 | 32 | 52 | 6 | | | | | | |
| AFM45CL-SN1206-D100-A32-Z10-H | ● | 100 | 10 | 32 | 52 | 6 | | | | | | |
| AFM45C-SN1206-D125-B40-Z11 | ● | 125 | 11 | 40 | 65 | 6 | | | | | | - |
| AFM45CL-SN1206-D125-B40-Z11 | ● | 125 | 11 | 40 | 65 | 6 | | | | | | |
| AFM45C-SN1206-D160-C40-Z12 | ● | 160 | 12 | 40 | 65 | 6 | | | | | | |
| AFM45CL-SN1206-D160-C40-Z12 | ● | 160 | 12 | 40 | 65 | 6 | | 1015-M4x11 | | | | |
| AFM45C-SN1206-D200-C60-Z14 | ● | 200 | 14 | 60 | 65 | 6 | | | | | | |
| AFM45CL-SN1206-D200-C60-Z14 | ● | 200 | 14 | 60 | 65 | 6 | | | | | | |

**KAPR=88°**





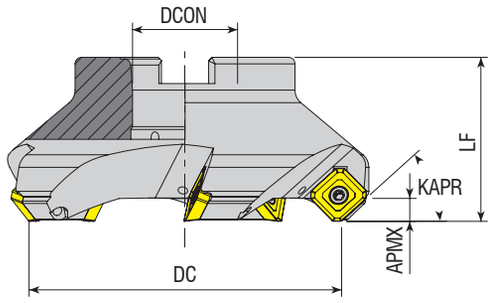

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DC | ZEFP | DCON | LF | APMX | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Baskı Parçası *Wedge Clamp* *Spannpratze* | Baskı Vidası *Clamp Screw* *Klemmschraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AFM88C-SN1206-D040-A16-Z04-H | ● | 40 | 4 | 16 | 40 | 11.5 | SN.. 1206.. | 4615-M4x11 | ACK-05 | 4015-M4x11 | 80-T15 | AKV-35-M8x34 |
| AFM88C-SN1206-D050-A22-Z05-H | ● | 50 | 5 | 22 | 40 | 11.5 | | | | 4615-M4x11 | | |
| AFM88C-SN1206-D063-A22-Z06-H | ● | 63 | 6 | 22 | 40 | 11.5 | | | | | | 2508-M10x30 |
| AFM88C-SN1206-D080-A27-Z07-H | ● | 80 | 7 | 27 | 50 | 11.5 | | | | 4015-M4x11 | | 2510-M12x35 |
| AFM88C-SN1206-D100-A32-Z09-H | ● | 100 | 9 | 32 | 52 | 11.5 | | | | | | 2514-M16x35 |
| AFM88C-SN1206-D125-B40-Z10 | ● | 125 | 10 | 40 | 63 | 11.5 | | 1015-M4x11 | | | | 2506-M8x30 |

**KRLY** Ucuna Uygundur. / Compatible with **KRLY** Insert. / Kompatibel mit **KRLY** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AFM45C-SN1206-D050-A22-Z04-H

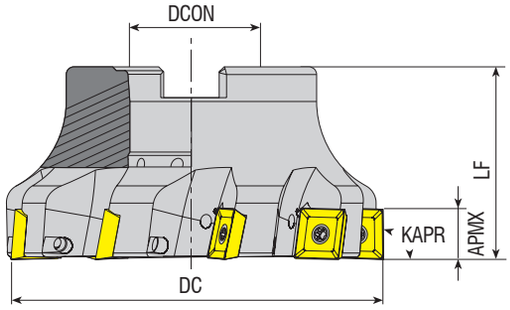
**KRLY** Ucuna Uygundur. / Compatible with **KRLY** Insert. / Kompatibel mit **KRLY** Wendeplatten.

**KAPR=45°**




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| | | DC | ZEFP | DCON | LF | APMX | | | | |
| **AFM45-SE14M4-D063-A22-Z04-H** | ● | 63 | 4 | 22 | 40 | 7 | **SE.. 14M4..** | 4015-M3.5x11 | 80-T15 | 2407-M10x30 |
| **AFM45-SE14M4-D080-A27-Z05-H** | ● | 80 | 5 | 27 | 50 | 7 | | | | 2510-M12x35 |
| **AFM45-SE14M4-D100-A32-Z05-H** | ● | 100 | 5 | 32 | 50 | 7 | | | | 2514-M16x35 |
| **AFM45-SE14M4-D125-B40-Z06** | ● | 125 | 6 | 40 | 63 | 7 | | | | - |
| **AFM45-SE14M4-D160-C40-Z07** | ● | 160 | 7 | 40 | 63 | 7 | | | | |

**KAPR=90°**




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| | | DC | ZEFP | DCON | LF | APMX | | | | |
| **AFM90-SD09M4-D040-A16-Z04-H** | ● | 40 | 4 | 16 | 40 | 9 | **SD.. 09M4..** | 4015-M3.5x11 | 80-T15 | 2406-M8x30 |
| **AFM90-SD09M4-D050-A22-Z05-H** | ● | 50 | 5 | 22 | 40 | 9 | | | | 2508-M10x30 |
| **AFM90-SD09M4-D063-A22-Z06-H** | ● | 63 | 6 | 22 | 40 | 9 | | | | 2510-M12x35 |
| **AFM90-SD09M4-D080-A27-Z07-H** | ● | 80 | 7 | 27 | 50 | 9 | | | | |
| **AFM90-SD1305-D050-A22-Z04-H** | ● | 50 | 4 | 22 | 40 | 13 | **SD.. 1305..** | 1020-M5x11 | 80-T20 | 2408-M10x30 |
| **AFM90-SD1305-D063-A22-Z05-H** | ● | 63 | 5 | 22 | 50 | 13 | | | | 2508-M10x30 |
| **AFM90-SD1305-D080-A27-Z06-H** | ● | 80 | 6 | 27 | 50 | 13 | | | | 2510-M12x35 |
| **AFM90-SD1305-D100-A32-Z07-H** | ● | 100 | 7 | 32 | 50 | 13 | | | | 2514-M16x35 |
| **AFM90-SD1305-D125-B40-Z08** | ● | 125 | 8 | 40 | 63 | 13 | | | | - |
| **AFM90-SD1305-D160-C40-Z10** | ● | 160 | 10 | 40 | 63 | 13 | | | | |

R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*

● Stokta / In Stock / *Auf Lager*  ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

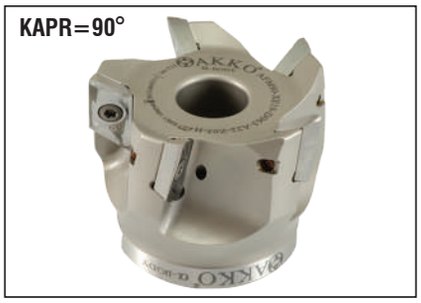
**KRLY** Ucuna Uygundur. / Compatible with **KRLY** Insert. / Kompatibel mit **KRLY** Wendeplatten.

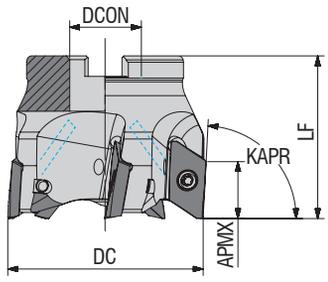
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AFM45-SE14M4-D063-A22-Z04-H

Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*
Sıkma Tork Değeri : S 464 / *Tightening Torque : P 464* / *Anzugsmoment : P 464*

**KRLY** Ucuna Uygundur. / Compatible with **KRLY** Insert. / Kompatibel mit **KRLY** Wendeplatten.

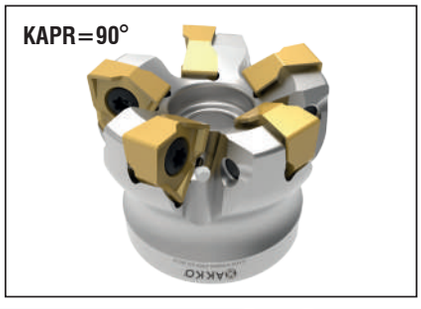
**KAPR=90°**

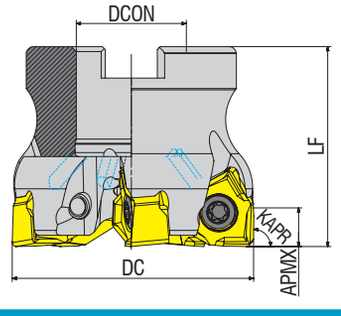





| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| AFM90-XE19-D040-A16-Z03-H | ● | 40 | 3 | 16 | 50 | 17 | **XE.. 19M5..** | 3015-M4x11 | 80-T15 | 2506-M8x30 |
| AFM90-XE19-D050-A22-Z04-H | ● | 50 | 4 | 22 | 50 | 17 | | | | 2508-M10x30 |
| AFM90-XE19-D063-A22-Z05-H | ● | 63 | 5 | 22 | 50 | 17 | | | | 2508-M10x30 |

**KAPR=90°**






| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| AFM90-WN0806K-D050-A22-Z05-H | ● | 50 | 5 | 22 | 40 | 8 | **WNGX 080608** | 1020-M5x14 | 80-T20 | 2508-M10x30 |
| AFM90-WN0806K-D063-A22-Z06-H | ● | 63 | 6 | 22 | 40 | 8 | | | | |
| AFM90-WN0806K-D080-A27-Z07-H | ● | 80 | 7 | 27 | 50 | 8 | | | | 2510-M12x35 |
| AFM90-WN0806K-D100-A32-Z08-H | ● | 100 | 8 | 32 | 50 | 8 | | | | 2514-M16x35 |
| AFM90-WN0806K-D125-A40-Z11-H | ● | 125 | 11 | 40 | 63 | 8 | | | | |

R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*

● Stokta / In Stock / *Auf Lager*  ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

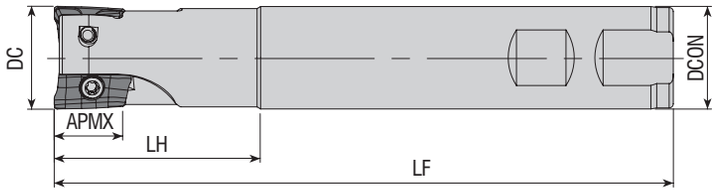
**KRLY** Ucuna Uygundur. / Compatible with **KRLY** Insert. / Kompatibel mit **KRLY** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AFM90-XE19-D040-A16-Z03-H

Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*
Sıkma Tork Değeri : S 464 / *Tightening Torque : P 464* / *Anzugsmoment : P 464*

**KYCR** Ucuna Uygundur. / Compatible with **KYCR** Insert. / Kompatibel mit **KYCR** Wendeplatten.

**KAPR=90°**




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | LH | APMX | | | |
| AEM90-BD11T3-D16-C16-L100-Z02-H | ● | 16 | 2 | 16 | 100 | 30 | 10 | **BDMT 11T3..** | 3008-M2.5x5 | 82-T08 |
| AEM90-BD11T3-D16-W16-L100-Z02-H | ● | 16 | 2 | 16 | 100 | 30 | 10 | | | |
| AEM90-BD11T3-D16-W16-L150-Z02 | ● | 16 | 2 | 16 | 150 | 50 | 10 | | | |
| AEM90-BD11T3-D16-C16-L160-Z02-H | ● | 16 | 2 | 16 | 160 | 60 | 10 | | | |
| AEM90-BD11T3-D16-C15-L180-Z02 | ● | 16 | 2 | 15 | 180 | 50 | 10 | | | |
| AEM90-BD11T3-D17-W16-L150-Z02 | ● | 17 | 2 | 16 | 150 | 25 | 10 | | | |
| AEM90-BD11T3-D17-C16-L180-Z02 | ● | 17 | 2 | 16 | 180 | 25 | 10 | | | |
| AEM90-BD11T3-D18-W16-L100-Z02 | ● | 18 | 2 | 16 | 100 | 25 | 10 | | | |
| AEM90-BD11T3-D18-W16-L100-Z02-H | ● | 18 | 2 | 16 | 100 | 25 | 10 | | | |
| AEM90-BD11T3-D20-W16-L61-Z03 | ● | 20 | 3 | 16 | 61 | 26 | 10 | | | |
| AEM90-BD11T3-D20-W20-L81-Z03-H | ● | 20 | 3 | 20 | 81 | 30 | 10 | | | |
| AEM90-BD11T3-D20-W20-L100-Z02-H | ● | 20 | 2 | 20 | 100 | 30 | 10 | | | |
| AEM90-BD11T3-D20-W20-L100-Z03-H | ● | 20 | 3 | 20 | 100 | 30 | 10 | | | |
| AEM90-BD11T3-D20-C20-L110-Z03-H | ● | 20 | 3 | 20 | 110 | 30 | 10 | | | |
| AEM90-BD11T3-D20-W20-L150-Z02 | ● | 20 | 2 | 20 | 150 | 50 | 10 | | 3008-M2.5x5 | |
| AEM90-BD11T3-D20-W20-L150-Z03 | ● | 20 | 3 | 20 | 150 | 50 | 10 | | | |
| AEM90-BD11T3-D20-W20-L150-Z03-H | ● | 20 | 3 | 20 | 150 | 50 | 10 | | | |
| AEM90-BD11T3-D20-C20-L170-Z03-H | ● | 20 | 3 | 20 | 170 | 60 | 10 | | | |
| AEM90-BD11T3-D21-W20-L150-Z03 | ● | 21 | 3 | 20 | 150 | 25 | 10 | | 3008-M2.5x6 | |
| AEM90-BD11T3-D21-C20-L200-Z02 | ● | 21 | 2 | 20 | 200 | 25 | 10 | | | |
| AEM90-BD11T3-D22-W20-L090-Z02-H | ● | 22 | 2 | 20 | 90 | 25 | 10 | | | |
| AEM90-BD11T3-D22-W20-L100-Z03-H | ● | 22 | 3 | 20 | 100 | 30 | 10 | | | |
| AEM90-BD11T3-D25-W25-L100-Z03-H | ● | 25 | 3 | 25 | 100 | 30 | 10 | | | |
| AEM90-BD11T3-D25-C20-L120-Z03-H | ● | 25 | 3 | 20 | 120 | 30 | 10 | | | |
| AEM90-BD11T3-D25-C25-L120-Z03-H | ● | 25 | 3 | 25 | 120 | 30 | 10 | | | |
| AEM90-BD11T3-D25-W25-L150-Z03 | ● | 25 | 3 | 25 | 150 | 50 | 10 | | | |
| AEM90-BD11T3-D26-W25-L150-Z03 | ● | 26 | 3 | 25 | 150 | 35 | 10 | | | |
| AEM90-BD11T3-D26-C25-L250-Z02 | ● | 26 | 2 | 25 | 250 | 35 | 10 | | | |
| AEM90-BD11T3-D32-W32-L110-Z04-H | ● | 32 | 4 | 32 | 110 | 40 | 10 | | | |
| AEM90-BD11T3-D32-C32-L130-Z04-H | ● | 32 | 4 | 32 | 130 | 40 | 10 | | | |
| AEM90-BD11T3-D32-W32-L150-Z04 | ● | 32 | 4 | 32 | 150 | 50 | 10 | | | |
| AEM90-BD11T3-D40-W32-L110-Z04-H | ● | 40 | 4 | 32 | 110 | 35 | 10 | | | |
| AEM90-BD1704-D25-W25-L100-Z02-H | ● | 25 | 2 | 25 | 100 | 35 | 15.7 | **BDMT 1704..** | 4015-M4x8 | 80-T15 |
| AEM90-BD1704-D25-W25-L150-Z02 | ● | 25 | 2 | 25 | 150 | 50 | 15.7 | | | |
| AEM90-BD1704-D25-C25-L210-Z02-H | ● | 25 | 2 | 25 | 210 | 100 | 15.7 | | | |
| AEM90-BD1704-D32-W32-L110-Z03-H | ● | 32 | 3 | 32 | 110 | 40 | 15.7 | | | |
| AEM90-BD1704-D32-C32-L130-Z03-H | ● | 32 | 3 | 32 | 130 | 40 | 15.7 | | | |
| AEM90-BD1704-D32-W32-L130-Z03-H | ● | 32 | 3 | 32 | 130 | 40 | 15.7 | | | |
| AEM90-BD1704-D32-W32-L150-Z03 | ● | 32 | 3 | 32 | 150 | 50 | 15.7 | | | |
| AEM90-BD1704-D40-W32-L110-Z04-H | ● | 40 | 4 | 32 | 110 | 40 | 15.7 | | | |
| AEM90-BD1704-D40-W32-L150-Z04 | ● | 40 | 4 | 32 | 150 | 40 | 15.7 | | | |

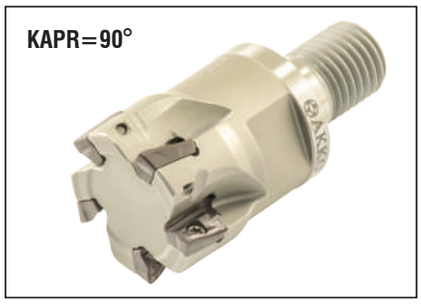
● Stokta / In Stock */Auf Lager* ○ Stokta Yok / Non Stock Item */ Kein Lagerartikel, Lieferzeit auf Anfrage*

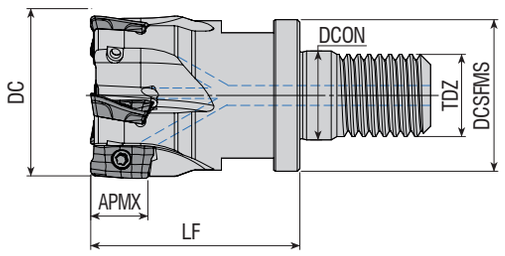
**KYCR** Ucuna Uygundur. / Compatible with **KYCR** Insert. / Kompatibel mit **KYCR** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AEM90-BD11T3-D16-C16-L100-Z02-H

**KYCR** Ucuna Uygundur. / Compatible with **KYCR** Insert. / Kompatibel mit **KYCR** Wendeplatten.

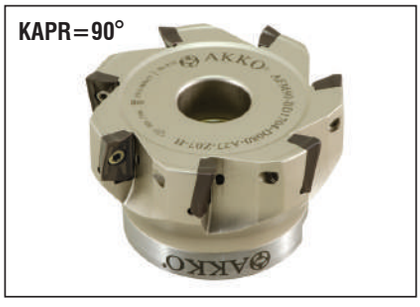
**KAPR=90°**

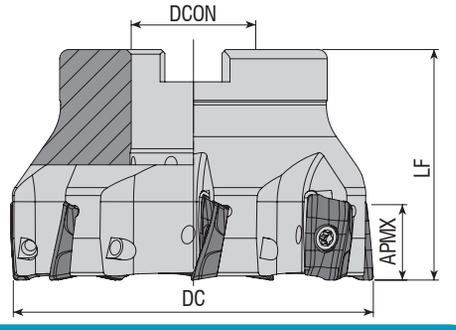





| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCSFMS | TDZ | LF | DCON | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| **AEM90-BD11T3-D16-M08-L25-Z02-H** | ● | 16 | 2 | 14.75 | M08 | 25 | 8.5 | 10 | **BDMT 11T3..** | 3008-M2.5x6 | 82-T08 |
| **AEM90-BD11T3-D25-M12-L35-Z04-H** | ● | 25 | 4 | 21 | M12 | 35 | 12.5 | 10 | | | |
| **AEM90-BD11T3-D32-M16-L40-Z05-H** | ● | 32 | 5 | 29 | M16 | 40 | 17 | 10 | | | |

**KAPR=90°**






| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| **AFM90-BD0703-D032-A16-Z08-H** | ● | 32 | 8 | 16 | 40 | 6 | **BDMT 0703** | - | - | 2506-M8x30 |
| **AFM90-BD11T3-D040-A16-Z04-H** | ● | 40 | 4 | 16 | 40 | 10 | **BDMT 11T3..** | 3008-M2.5x6 | 82-T08 | |
| **AFM90-BD11T3-D040-A16-Z05-H** | ● | 40 | 5 | 16 | 40 | 10 | | | | |
| **AFM90-BD11T3-D050-A22-Z05-H** | ● | 50 | 5 | 22 | 40 | 10 | | | | 2508-M10x30 |
| **AFM90-BD11T3-D063-A22-Z06-H** | ● | 63 | 6 | 22 | 40 | 10 | | | | |
| **AFM90-BD11T3-D080-A27-Z09-H** | ● | 80 | 9 | 27 | 50 | 10 | | | | 2510-M12x35 |
| **AFM90-BD1704-D050-A22-Z04-H** | ● | 50 | 4 | 22 | 40 | 15.7 | **BDMT 1704..** | 4015-M4x11 | 80-T15 | 2508-M10x30 |
| **AFM90-BD1704-D050-A22-Z05-H** | ● | 50 | 5 | 22 | 40 | 15.7 | | | | |
| **AFM90-BD1704-D063-A22-Z06-H** | ● | 63 | 6 | 22 | 40 | 15.7 | | | | |
| **AFM90-BD1704-D080-A27-Z06-H** | ● | 80 | 6 | 27 | 50 | 15.7 | | | | 2510-M12x35 |
| **AFM90-BD1704-D080-A27-Z07-H** | ● | 80 | 7 | 27 | 50 | 15.7 | | | | |
| **AFM90-BD1704-D100-A32-Z07-H** | ● | 100 | 7 | 32 | 50 | 15.7 | | | | 2514-M16x35 |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*

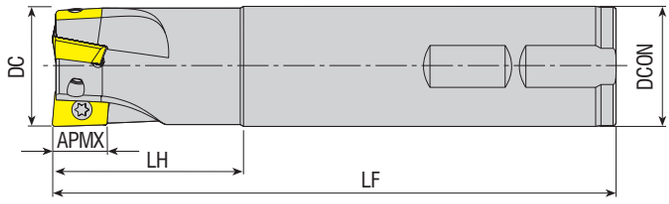
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

**KYCR** Ucuna Uygundur. / Compatible with **KYCR** Insert. / Kompatibel mit **KYCR** Wendeplatten.

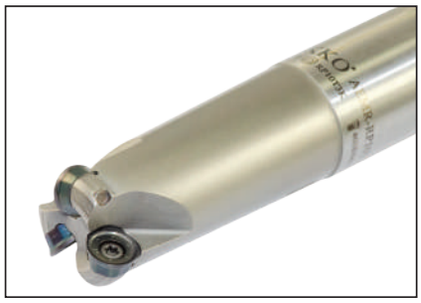
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AEM90-BD11T3-D16-M08-L25-Z02-H
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*

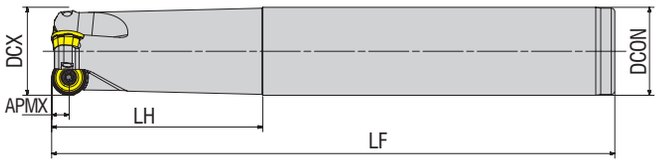
**KYCR** Ucuna Uygundur. / Compatible with **KYCR** Insert. / Kompatibel mit **KYCR** Wendeplatten.

**KAPR=90°**




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | LH | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| **AEM90-LO10-D16-W16-L100-Z02** | ● | 16 | 2 | 16 | 100 | 30 | 10 | **LOMU 1004..** | 1108-M3x6 | 82-T08 |
| **AEM90-LO10-D16-W16-L160-Z02** | ● | 16 | 2 | 16 | 160 | 50 | 10 | | | |
| **AEM90-LO10-D20-W20-L130-Z03** | ● | 20 | 3 | 20 | 130 | 40 | 10 | | 1108-M3x6.8 | |
| **AEM90-LO10-D25-W25-L150-Z03** | ● | 25 | 3 | 25 | 150 | 50 | 10 | | | |
| **AEM90-LO10-D32-W32-L150-Z04** | ● | 32 | 4 | 32 | 150 | 50 | 10 | | | |



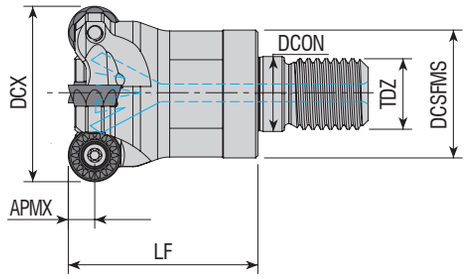



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | DCON | LF | LH | APMX | | Sıkma Vidası *Screw* *Schraube* | Baskı Parçası *Wedge Clamp* *Spannpratze* | Baskı Vidası *Clamp Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| **AEMR-RP10T3K-D20-C20-L160-Z02** | ● | 20 | 2 | 20 | 160 | 60 | 5 | **RPMT 10T3..** | 4010-M3x8 | - | - | 82-T10 |
| **AEMR-RP10T3K-D25-C25-L160-Z03** | ● | 25 | 3 | 25 | 160 | 60 | 5 | | | | | |

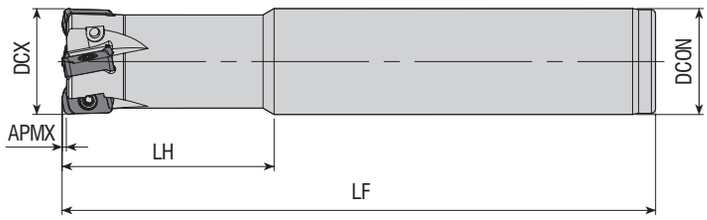
R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**KYCR** Ucuna Uygundur. / Compatible with **KYCR** Insert. / Kompatibel mit **KYCR** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AEM90-LO10-D16-W16-L100-Z02
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*

**KYCR** Ucuna Uygundur. / Compatible with **KYCR** Insert. / Kompatibel mit **KYCR** Wendeplatten.




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | DCSFMS | TDZ | LF | DCON | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| **AEMR-RP10T3K-D32-M16-L43-Z04-H** | ● | 32 | 4 | 29 | M16 | 43 | 17 | 5 | **RPMT 10T3..** | 4010-M3x8 | 82-T10 |
| **AEMR-RP10T3K-D42-M16-L43-Z05-H** | ● | 42 | 5 | 29 | M16 | 43 | 17 | 5 | | | |

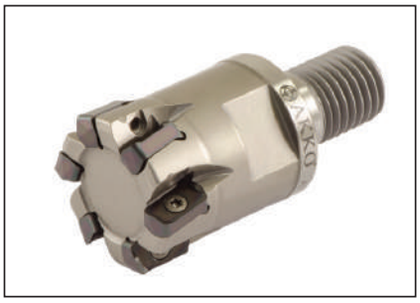


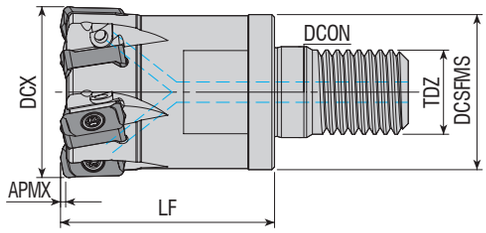

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | DCON | LF | LH | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| **AHFM-L003-D16-C15-L160-Z02** | ● | 16 | 2 | 15 | 160 | 30 | 1 | **LOGU 0303..** | 1108-M3x6.8 | 82-T08 |
| **AHFM-L003-D16-C16-L100-Z02-F** | ● | 16 | 2 | 16 | 100 | 30 | 1 | | | |
| **AHFM-L003-D16-C16-L100-Z02** | ● | 16 | 2 | 16 | 100 | 30 | 1 | | | |
| **AHFM-L003-D16-C16-L130-Z02-H** | ● | 16 | 2 | 16 | 130 | 40 | 1 | | | |
| **AHFM-L003-D16-C16-L160-Z02** | ● | 16 | 2 | 16 | 160 | 50 | 1 | | | |
| **AHFM-L003-D16-C16-L160-Z02-H** | ● | 16 | 2 | 16 | 160 | 100 | 1 | | | |
| **AHFM-L003-D16-C16-L220-Z02-H** | ● | 16 | 2 | 16 | 220 | 120 | 1 | | | |
| **AHFM-L003-D17-C16-L180-Z02** | ● | 17 | 2 | 16 | 180 | 30 | 1 | | | |
| **AHFM-L003-D20-C20-L130-Z03** | ● | 20 | 3 | 20 | 130 | 40 | 1 | | | |
| **AHFM-L003-D20-C20-L130-Z03-H** | ● | 20 | 3 | 20 | 130 | 40 | 1 | | | |
| **AHFM-L003-D20-C20-L160-Z03** | ● | 20 | 3 | 20 | 160 | 80 | 1 | | | |
| **AHFM-L003-D20-C20-L160-Z03-H** | ● | 20 | 3 | 20 | 160 | 100 | 1 | | | |
| **AHFM-L003-D21-C20-L150-Z03-H** | ● | 21 | 3 | 20 | 150 | 30 | 1 | | | |
| **AHFM-L003-D21-C20-L200-Z03** | ● | 21 | 3 | 20 | 200 | 30 | 1 | | | |
| **AHFM-L003-D21-C20-L200-Z03-H** | ● | 21 | 3 | 20 | 200 | 30 | 1 | | | |
| **AHFM-L003-D25-C25-L140-Z04-F** | ● | 25 | 4 | 25 | 140 | 50 | 1 | | | |
| **AHFM-L003-D25-C25-L140-Z04** | ● | 25 | 4 | 25 | 140 | 50 | 1 | | | |
| **AHFM-L003-D25-C25-L180-Z04** | ● | 25 | 4 | 25 | 180 | 100 | 1 | | | |
| **AHFM-L003-D26-C25-L250-Z04** | ● | 26 | 4 | 25 | 250 | 40 | 1 | | | |
| **AHFM-L003-D32-C32-L200-Z05** | ● | 32 | 5 | 32 | 200 | 120 | 1 | | | |
| **AHFM-L003-D33-C32-L250-Z05** | ● | 33 | 5 | 32 | 250 | 40 | 1 | | | |

R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager*  ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**KYCR** Ucuna Uygundur. / Compatible with **KYCR** Insert. / Kompatibel mit **KYCR** Wendeplatten.
F: Eksenel ve Radyal Salgı Değeri 0,02 mm içindedir. / F: Axial and Radial Runout Value is within 0,02 mm.
F: Der axiale und radiale Rundlaufwert liegt innerhalb von 0,02 mm.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AEMR-RP10T3K-D32-M16-L43-Z04-H
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*

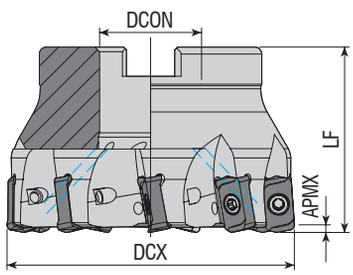
**KYCR** Ucuna Uygundur. / Compatible with **KYCR** Insert. / Kompatibel mit **KYCR** Wendeplatten.






| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | DCSFMS | TDZ | LF | DCON | APMX | | Sıkma Vidası *Screw* *Schraube* | Baskı Parçası *Wedge Clamp* *Spannpratze* | Baskı Vidası *Clamp Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| **AHFM-L003-D20-M10-L30-Z04-H-F** | ● | 20 | 4 | 18 | M10 | 30 | 10.5 | 1 | **LOGU 0303..** | 1108-M3x6.8 | - | - | 82-T08 |
| **AHFM-L003-D25-M12-L35-Z04-H-F** | ● | 25 | 4 | 21 | M12 | 35 | 12.5 | 1 | | | | | |
| **AHFM-L003-D25-M12-L35-Z04-H** | ● | 25 | 4 | 21 | M12 | 35 | 12.5 | 1 | | | | | |
| **AHFM-L003-D32-M16-L40-Z05-H-F** | ● | 32 | 5 | 29 | M16 | 40 | 17 | 1 | | | | | |
| **AHFM-L003-D32-M16-L40-Z05-H** | ● | 32 | 5 | 29 | M16 | 40 | 17 | 1 | | | | | |
| **AHFM-L003-D32-M16-L40-Z06-H-F** | ● | 32 | 6 | 29 | M16 | 40 | 17 | 1 | | | | | |
| **AHFM-L003-D32-M16-L40-Z06-H** | ● | 32 | 6 | 29 | M16 | 40 | 17 | 1 | | | | | |
| **AHFM-L003-D35-M16-L40-Z05-H** | ● | 35 | 5 | 29 | M16 | 40 | 17 | 1 | | | | | |
| **AHFM-L003-D35-M16-L40-Z06-H** | ● | 35 | 6 | 29 | M16 | 40 | 17 | 1 | | | | | |
| **AHFM-L003-D42-M16-L40-Z05-H** | ● | 42 | 5 | 29 | M16 | 40 | 17 | 1 | | | | | |
| **AHFM-L003-D42-M16-L40-Z06-H** | ● | 42 | 6 | 29 | M16 | 40 | 17 | 1 | | | | | |

F: Eksenel ve Radyal Salgı Değeri 0,02 mm İçindedir. / F: Axial and Radial Runout Value is within 0,02 mm.
F: Der axiale und radiale Rundlaufwert liegt innerhalb von 0,02 mm.

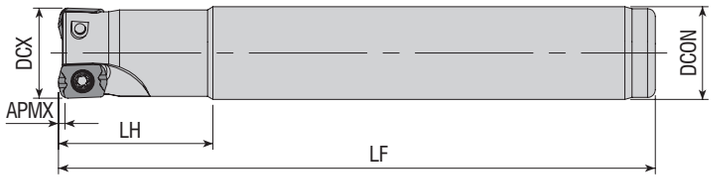



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| **AHFM-L003-D040-A16-Z06-H** | ● | 40 | 6 | 16 | 40 | 1 | **LOGU 0303..** | 1108-M3x6.8 | 82-T08 | 2506-M8x30 |
| **AHFM-L003-D050-A22-Z07-H** | ● | 50 | 7 | 22 | 40 | 1 | | | | 2508-M10x30 |
| **AHFM-L003-D063-A22-Z09-H** | ● | 63 | 9 | 22 | 40 | 1 | | | | |

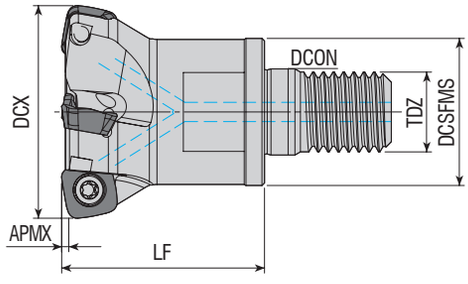
R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager*  ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**KYCR** Ucuna Uygundur. / Compatible with **KYCR** Insert. / Kompatibel mit **KYCR** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AHFM-L003-D20-M10-L30-Z04-H-F
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*
Sıkma Tork Değeri : S 464 / *Tightening Torque : P 464* / *Anzugsmoment : P 464*

**KYCR** Ucuna Uygundur. / Compatible with **KYCR** Insert. / Kompatibel mit **KYCR** Wendeplatten.




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | DCON | LF | LH | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| **AHFM-LP0102-D10-C09-L120-Z02** | ● | 10 | 2 | 9 | 120 | 20 | 0.5 | **LPGT 0102..** | 3006-M1.8x4 | 82-T06 |
| **AHFM-LP0102-D10-C10-L120-Z02** | ● | 10 | 2 | 10 | 120 | 20 | 0.5 | | | |
| **AHFM-LP0102-D12-C11-L120-Z02** | ● | 12 | 2 | 11 | 120 | 20 | 0.5 | | | |
| **AHFM-LP0102-D12-C12-L120-Z02** | ● | 12 | 2 | 12 | 120 | 20 | 0.5 | | | |

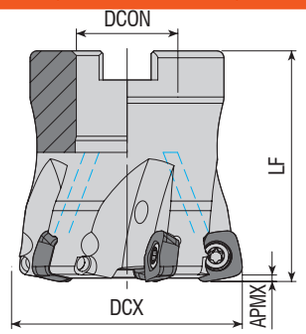



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | DCSFMS | TDZ | LF | DCON | APMX | | Sıkma Vidası *Screw* *Schraube* | Baskı Parçası *Wedge Clamp* *Spannpratze* | Baskı Vidası *Clamp Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| **AHFM-SO1004-D32-M16-L40-Z03-H** | ● | 32 | 3 | 29 | M16 | 40 | 17 | 1.5 | **SOMT 1004..** | 4015-M4x9 | - | - | 80-T15 |
| **AHFM-SO1004-D35-M16-L40-Z03-H** | ● | 35 | 3 | 29 | M16 | 40 | 17 | 1.5 | | | | | |
| **AHFM-SO1004-D40-M16-L40-Z04-H** | ● | 40 | 4 | 29 | M16 | 40 | 17 | 1.5 | | | | | |
| **AHFM-SO1004-D42-M16-L40-Z04-H** | ● | 42 | 4 | 29 | M16 | 40 | 17 | 1.5 | | | | | |

R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager*  ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**KYCR** Ucuna Uygundur. / Compatible with **KYCR** Insert. / Kompatibel mit **KYCR** Wendeplatten.

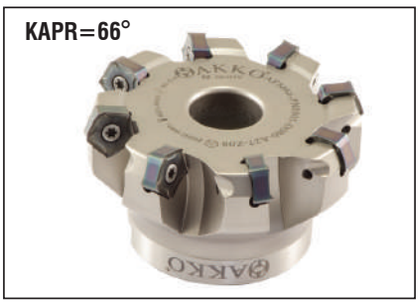
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AHFM-LP0102-D10-C09-L120-Z02
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*

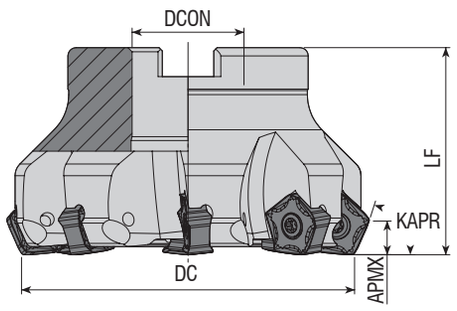
**KYCR** Ucuna Uygundur. / Compatible with **KYCR** Insert. / Kompatibel mit **KYCR** Wendeplatten.




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| **AHFM-SO1004-D050-A22-Z05-H** | ● | 50 | 5 | 22 | 50 | 1.5 | **SOMT 1004..** | 4015-M4x11 | 80-T15 | 2508-M10x30 |
| **AHFM-SO1004-D052-A22-Z05-H** | ● | 52 | 5 | 22 | 50 | 1.5 | | | | |
| **AHFM-SO1004-D063-A22-Z06-H** | ● | 63 | 6 | 22 | 50 | 1.5 | | | | 2510-M12x35 |
| **AHFM-SO1004-D080-A27-Z07-H** | ● | 80 | 7 | 27 | 63 | 1.5 | | | | |

**KAPR=66°**






| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| **AFM66-PN0905-D050-A22-Z05** | ● | 50 | 5 | 22 | 40 | 8 | **PNMU 0905..** | 4015-M4x11 | 80-T15 | 2508-M10x30 |
| **AFM66-PN0905-D063-A22-Z06** | ● | 63 | 6 | 22 | 40 | 8 | | | | |
| **AFM66-PN0905-D080-A27-Z08** | ● | 80 | 8 | 27 | 50 | 8 | | | | 2510-M12x35 |
| **AFM66-PN0905-D100-A32-Z10** | ● | 100 | 10 | 32 | 50 | 8 | | | | 2514-M16x35 |
| **AFM66-PN0905-D125-B40-Z12** | ● | 125 | 12 | 40 | 63 | 8 | | | | - |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*

● *Stokta / In Stock / Auf Lager* ○ *Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage*

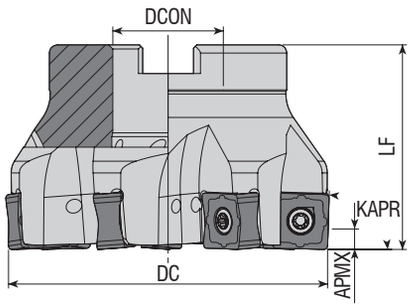
**KYCR** Ucuna Uygundur. / Compatible with **KYCR** Insert. / Kompatibel mit **KYCR** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AHFM-SO1004-D050-A22-Z05-H

Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*
Montaj Ölçüleri : S 462 / *Mounting Reference : P 462* / *Montagehinweis : P 462*

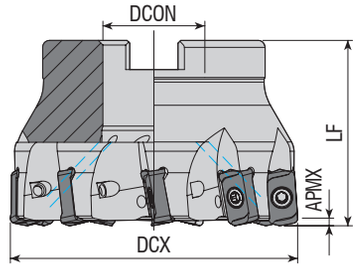
**KYCR** Ucuna Uygundur. / Compatible with **KYCR** Insert. / Kompatibel mit **KYCR** Wendeplatten.

**KAPR=88°**




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| **AFM88-SN1305-D050-A22-Z04** | ● | 50 | 4 | 22 | 40 | 5 | **SNMU 1305..** | 4015-M4x11 | 80-T15 | 2508-M10x30 |
| **AFM88-SN1305-D050-A22-Z05** | ● | 50 | 5 | 22 | 40 | 5 | | | | |
| **AFM88-SN1305-D063-A22-Z05** | ● | 63 | 5 | 22 | 40 | 5 | | | | |
| **AFM88L-SN1305-D063-A22-Z07** | ● | 63 | 7 | 22 | 40 | 5 | | | | |
| **AFM88-SN1305-D063-A22-Z07** | ● | 63 | 7 | 22 | 40 | 5 | | | | |
| **AFM88-SN1305-D080-A27-Z06** | ● | 80 | 6 | 27 | 50 | 5 | | | | 2510-M12x35 |
| **AFM88-SN1305-D080-A27-Z09** | ● | 80 | 9 | 27 | 50 | 5 | | | | |
| **AFM88-SN1305-D100-A32-Z07** | ● | 100 | 7 | 32 | 50 | 5 | | | | 2514-M16x35 |
| **AFM88-SN1305-D100-A32-Z11** | ● | 100 | 11 | 32 | 50 | 5 | | | | |
| **AFM88-SN1305-D125-B40-Z13** | ● | 125 | 13 | 40 | 63 | 5 | | | | - |

**KAPR=90°**




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| **AFM90-LO10-D040-A16-Z05-H** | ● | 40 | 5 | 16 | 40 | 10 | **LOMU 1004..** | 1108-M3x6.8 | 82-T08 | 2506-M8x30 |
| **AFM90-LO10-D050-A22-Z05-H** | ● | 50 | 5 | 22 | 40 | 10 | | | | 2508-M10x30 |
| **AFM90-LO10-D063-A22-Z06-H** | ● | 63 | 6 | 22 | 40 | 10 | | | | |
| **AFM90-LO1505-D050-A22-Z04-H** | ● | 50 | 4 | 22 | 40 | 15 | **LOMU 1505..** | 3015-M4x11 | 80-T15 | |
| **AFM90-LO1505-D063-A22-Z05-H** | ● | 63 | 5 | 22 | 40 | 15 | | | | |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*

● *Stokta / In Stock / Auf Lager* ○ *Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage*

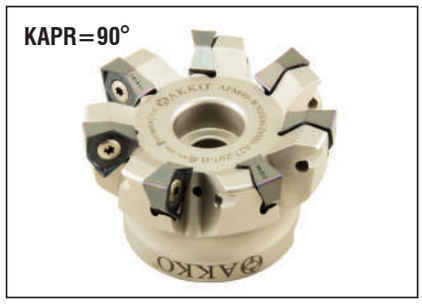
**KYCR** Ucuna Uygundur. / Compatible with **KYCR** Insert. / Kompatibel mit **KYCR** Wendeplatten.

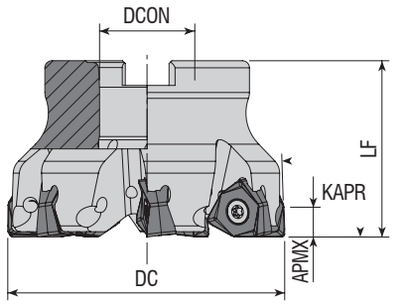
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AFM88-SN1305-D050-A22-Z04

Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*
Montaj Ölçüleri : S 462 / *Mounting Reference : P 462* / *Montagehinweis : P 462*

**KYCR** Ucuna Uygundur. / Compatible with **KYCR** Insert. / Kompatibel mit **KYCR** Wendeplatten.

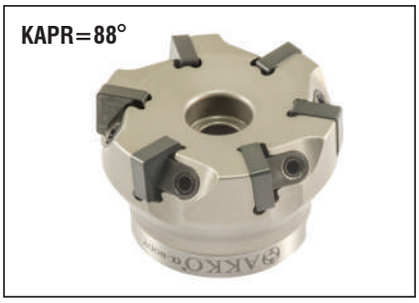
**KAPR=90°**

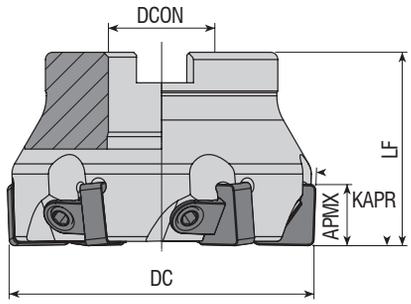





| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| **AFM90-WN0806-D050-A16-Z04-H** | ● | 50 | 4 | 16 | 40 | 8 | **WNMX 080608** | 1615-M5x14 | 80-T15 | 2506-M8x30 |
| **AFM90-WN0806-D063-A22-Z05-H** | ● | 63 | 5 | 22 | 40 | 8 | | | | 2508-M10x30 |
| **AFM90-WN0806-D080-A27-Z07-H** | ● | 80 | 7 | 27 | 50 | 8 | | | | 2510-M12x35 |

**KAPR=88°**






| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Baskı Parçası *Wedge Clamp* *Spannpratze* | Baskı Vidası *Clamp Screw* *Klemmschraube* | Anahtar *Allen Key* *Innensechskantschlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| **AFM88C-SN1204-D050-A22-Z05** | ● | 50 | 5 | 22 | 40 | 11 | **SN.. 1204..** | ACK-21 | AKV-24-M6x1x18 | AAL-03-3 | 2408-M10x30 |
| **AFM88C-SN1204-D063-A22-Z06** | ● | 63 | 6 | 22 | 40 | 11 | | | | | |
| **AFM88C-SN1204-D080-A27-Z07** | ● | 80 | 7 | 27 | 50 | 11 | | | | | 2510-M12x35 |
| **AFM88C-SN1204-D100-A32-Z08** | ● | 100 | 8 | 32 | 50 | 11 | | | | | 2514-M16x35 |
| **AFM88C-SN1204-D125-B40-Z11** | ● | 125 | 11 | 40 | 63 | 11 | | | | | - |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*

● *Stokta / In Stock / Auf Lager* ○ *Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage*

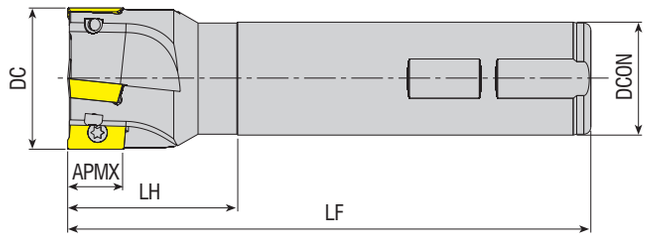
**KYCR** Ucuna Uygundur. / Compatible with **KYCR** Insert. / Kompatibel mit **KYCR** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AFM90-WN0806-D050-A16-Z04-H

Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*

**LMN** Ucuna Uygundur. / Compatible with **LMN** Insert. / Kompatibel mit **LMN** Wendeplatten.

**KAPR=90°**




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | LH | APMX | | | |
| AEM90-AP16L-D25-C25-L120-Z02-H | ● | 25 | 2 | 25 | 120 | 45 | 16 | **AP.. 1604..** | 4015-M4x9 | 80-T15 |
| AEM90-AP16L-D25-C25-L150-Z02 | ● | 25 | 2 | 25 | 150 | 55 | 16 | | | |
| AEM90-AP16L-D25-C25-L200-Z02 | ● | 25 | 2 | 25 | 200 | 55 | 16 | | | |
| AEM90-AP16L-D25-C25-L250-Z02 | ● | 25 | 2 | 25 | 250 | 100 | 16 | | | |
| AEM90-AP16L-D30-W25-L120-Z03-H | ● | 30 | 3 | 25 | 120 | 40 | 16 | | | |
| AEM90-AP16L-D32-C32-L120-Z03-H | ● | 32 | 3 | 32 | 120 | 45 | 16 | | | |
| AEM90-AP16L-D32-C32-L150-Z03 | ● | 32 | 3 | 32 | 150 | 55 | 16 | | | |
| AEM90-AP16L-D32-C32-L200-Z03 | ● | 32 | 3 | 32 | 200 | 55 | 16 | | | |
| AEM90-AP16L-D32-C32-L250-Z03 | ● | 32 | 3 | 32 | 250 | 100 | 16 | | | |
| AEM90-AP16L-D40-C32-L120-Z04-H | ● | 40 | 4 | 32 | 120 | 40 | 16 | | | |
| AEM90-AP16L-D40-C32-L150-Z04 | ● | 40 | 4 | 32 | 150 | 40 | 16 | | | |
| AEM90-AP16L-D40-C32-L200-Z04 | ● | 40 | 4 | 32 | 200 | 40 | 16 | | | |
| AEM90-AP16L-D40-C32-L250-Z04 | ● | 40 | 4 | 32 | 250 | 40 | 16 | | | |
| AEM90-AP1705-D25-C25-L120-Z02 | ● | 25 | 2 | 25 | 120 | 40 | 16 | **AP.. 1705..** | | |
| AEM90-AP1705-D26-C25-L200-Z02 | ● | 26 | 2 | 25 | 200 | 40 | 16 | | | |
| AEM90-AP1705-D26-C25-L250-Z02 | ● | 26 | 2 | 25 | 250 | 40 | 16 | | | |
| AEM90-AP1705-D26-C25-L300-Z02 | ○ | 26 | 2 | 25 | 300 | 40 | 16 | | | |
| AEM90-AP1705-D28-W25-L075-Z02 | ● | 28 | 2 | 25 | 75 | 20 | 16 | | | |
| AEM90-AP1705-D32-C25-L150-Z03 | ● | 32 | 3 | 25 | 150 | 40 | 16 | | | |
| AEM90-AP1705-D33-C32-L250-Z03 | ● | 33 | 3 | 32 | 250 | 40 | 16 | | | |
| AEM90-AP1705-D33-C32-L300-Z02 | ● | 33 | 2 | 32 | 300 | 40 | 16 | | | |

R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*

● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

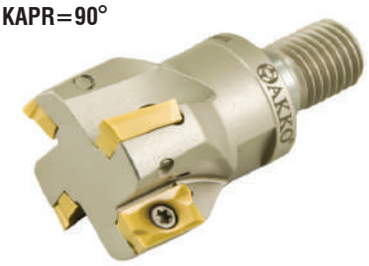
**LMN** Ucuna Uygundur. / Compatible with **LMN** Insert. / Kompatibel mit **LMN** Wendeplatten.

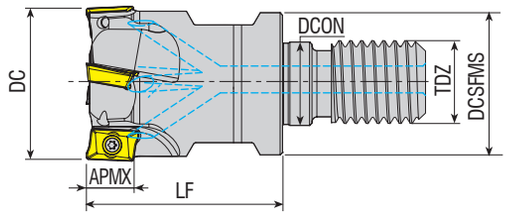
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AEM90-AP16L-D25-C25-L120-Z02-H

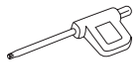
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*
Sıkma Tork Değeri : S 464 / *Tightening Torque : P 464* / *Anzugsmoment : P 464*

**LMN** Ucuna Uygundur. / Compatible with **LMN** Insert. / Kompatibel mit **LMN** Wendeplatten.

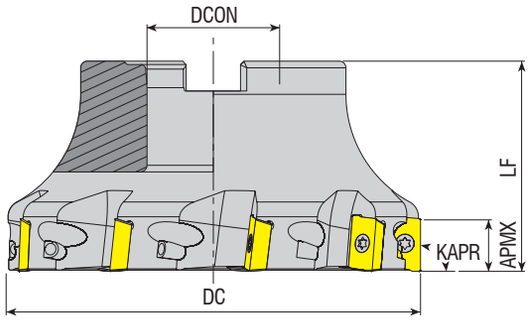
**KAPR=90°**






| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCSFMS | TDZ | LF | DCON | APMX | | |  |
| **AEM90-AP16L-D25-M12-L43-Z02-H** | ● | 25 | 2 | 21 | M12 | 43 | 12.5 | 16 | **AP.. 1604..** | 4015-M4x9 | 80-T15 |
| **AEM90-AP16L-D32-M16-L43-Z03-H** | ● | 32 | 3 | 29 | M16 | 43 | 17 | 16 | | | |
| **AEM90-AP16L-D40-M16-L43-Z04-H** | ● | 40 | 4 | 29 | M16 | 43 | 17 | 16 | | | |

**KAPR=90°**

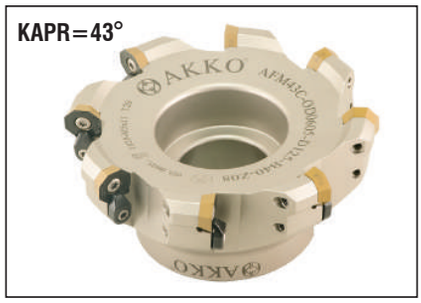


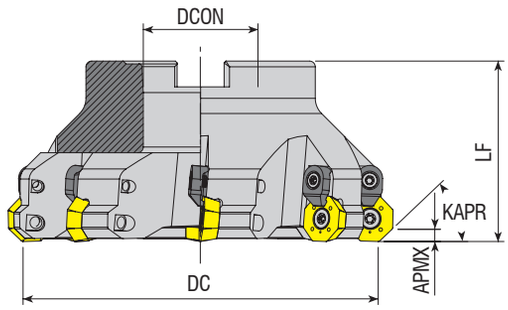

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | | | |
| **AFM90-AP16L-D050-A22-Z05-H** | ● | 50 | 5 | 22 | 40 | 16 | **AP.. 1604..** | 4015-M4x11 | 80-T15 | 2508-M10x30 |
| **AFM90-AP16L-D063-A22-Z06-H** | ● | 63 | 6 | 22 | 40 | 16 | | | | 2510-M12x35 |
| **AFM90-AP16L-D080-A27-Z07-H** | ● | 80 | 7 | 27 | 50 | 16 | | | | |

R: Sağ / Right / *Rechts*/ L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**LMN** Ucuna Uygundur. / Compatible with **LMN** Insert. / Kompatibel mit **LMN** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AEM90-AP16L-D25-C25-L120-Z02-H
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*
Sıkma Tork Değeri : S 464 / *Tightening Torque : P 464* / *Anzugsmoment : P 464*

**LMN** Ucuna Uygundur. / Compatible with **LMN** Insert. / Kompatibel mit **LMN** Wendeplatten.

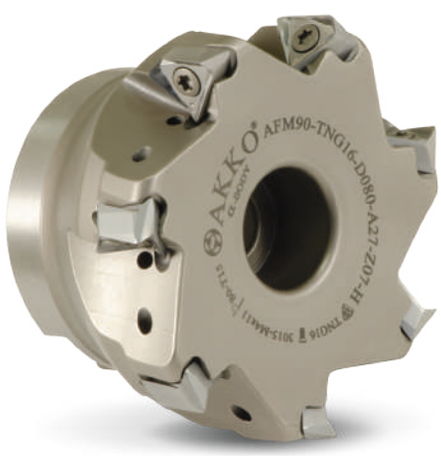



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Baskı Parçası *Wedge Clamp* *Spannpratze* | Baskı Vidası *Clamp Screw* *Klemmschraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| **AFM43C-OD0605-D080-A27-Z06-H** | ● | 80 | 6 | 27 | 50 | 4 | **OD.. 0605..** | 1020-M5x11 | ACK-05 | 4015-M4x11 | 80-T20 | 2510-M12x35 |
| **AFM43C-OD0605-D100-A32-Z07-H** | ● | 100 | 7 | 32 | 50 | 4 | | | | | | 2514-M16x35 |
| **AFM43C-OD0605-D125-B40-Z08** | ● | 125 | 8 | 40 | 63 | 4 | | | | | | - |

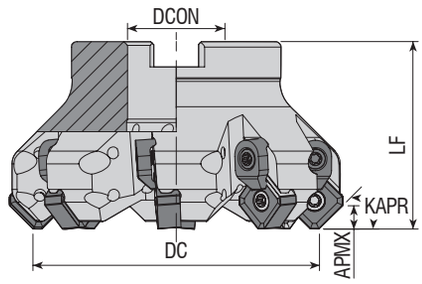
R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**LMN** Ucuna Uygundur. / Compatible with **LMN** Insert. / Kompatibel mit **LMN** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AFM43C-OD0605-D080-A27-Z06-H
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*



**LMN** Ucuna Uygundur. / Compatible with **LMN** Insert. / Kompatibel mit **LMN** Wendeplatten.

**KAPR=45°**




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Sıkma Vidası *Screw* *Schraube* | Baskı Parçası *Wedge Clamp* *Spannpratze* | Baskı Vidası *Clamp Screw* *Klemmschraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| | | DC | ZEFP | DCON | LF | APMX | | | | | | |
| **AFM45C-SN12..-D050-A22-Z04-H** | ● | 50 | 4 | 22 | 42 | 6 | **SN.. 12..** | 1015-M4x11 | ACK-05 | 4015-M4x11 | 80-T15 | 2407-M10X30 |
| **AFM45C-SN12..-D050-A22-Z05-H** | ● | 50 | 5 | 22 | 42 | 6 | | | | | | |
| **AFM45C-SN12..-D063-A22-Z06-H** | ● | 63 | 6 | 22 | 42 | 6 | | | | | | |
| **AFM45C-SN12..-D063-A22-Z07-H** | ● | 63 | 7 | 22 | 42 | 6 | | | | | | |
| **AFM45CL-SN12..-D063-A22-Z07-H** | ● | 63 | 7 | 22 | 42 | 6 | | | | | | |
| **AFM45C-SN12..-D080-A27-Z07-H** | ● | 80 | 7 | 27 | 52 | 6 | | | | | | 2510-M12x35 |
| **AFM45C-SN12..-D080-A27-Z08-H** | ● | 80 | 8 | 27 | 52 | 6 | | | | | | |
| **AFM45CL-SN12..-D080-A27-Z08-H** | ● | 80 | 8 | 27 | 52 | 6 | | | | | | |
| **AFM45C-SN12..-D100-A32-Z08-H** | ● | 100 | 8 | 32 | 52 | 6 | | | | | | |
| **AFM45C-SN12..-D100-A32-Z10-H** | ● | 100 | 10 | 32 | 52 | 6 | | | | | | 2514-M16x35 |
| **AFM45CL-SN12..-D100-A32-Z10-H** | ● | 100 | 10 | 32 | 52 | 6 | | | | | | |
| **AFM45C-SN12..-D125-B40-Z11** | ● | 125 | 11 | 40 | 65 | 6 | | | | | | |
| **AFM45CL-SN12..-D125-B40-Z11** | ● | 125 | 11 | 40 | 65 | 6 | | | | | | - |
| **AFM45C-SN12..-D160-C40-Z12** | ● | 160 | 12 | 40 | 65 | 6 | | | | | | |
| **AFM45C-SN12..-D200-C60-Z14** | ● | 200 | 14 | 60 | 65 | 6 | | | | | | |
| **AFM45CL-SN12..-D200-C60-Z14** | ● | 200 | 14 | 60 | 65 | 6 | | | | | | |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*

● *Stokta / In Stock / Auf Lager* ○ *Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage*

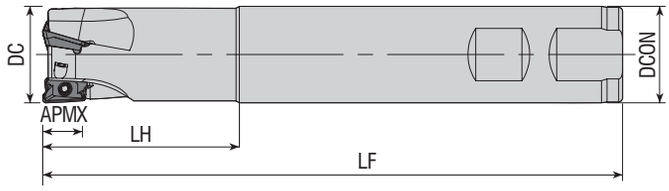
**LMN** Ucuna Uygundur. / Compatible with **LMN** Insert. / Kompatibel mit **LMN** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AFM45C-SN12..-D050-A22-Z04-H

Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*

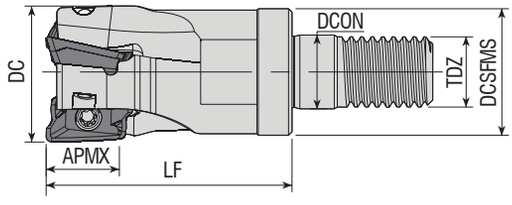
**MTSBH** Ucuna Uygundur. / Compatible with **MTSBH** Insert. / Kompatibel mit **MTSBH** Wendeplatten.

**KAPR=90°**




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | LH | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| AEM90-AO1236-D16-W16-L150-Z02 | ● | 16 | 2 | 16 | 150 | 50 | 10 | **AO..1236..** | 3008-M2.5x6 | 82-T08 |
| AEM90-AO1236-D16-C16-L160-Z02-H | ● | 16 | 2 | 16 | 160 | 25 | 10 | | | |
| AEM90-AO1236-D17-C16-L150-Z02-H | ● | 17 | 2 | 16 | 150 | 25 | 10 | | | |
| AEM90-AO1236-D18-C16-L160-Z02-H | ● | 18 | 2 | 16 | 160 | 25 | 10 | | | |
| AEM90-AO1236-D20-C20-L160-Z03-H | ● | 20 | 3 | 20 | 160 | 30 | 10 | | | |
| AEM90-AO1236-D20-C20-L100-Z02 | ● | 20 | 2 | 20 | 100 | 30 | 10 | | | |
| AEM90-AO1236-D21-C20-L220-Z03-H | ● | 21 | 3 | 20 | 220 | 30 | 10 | | | |
| AEM90-AO1236-D22-C20-L160-Z03-H | ● | 22 | 3 | 20 | 160 | 30 | 10 | | | |
| AEM90-AO1236-D25-C25-L115-Z02 | ● | 25 | 2 | 25 | 150 | 50 | 10 | | | |
| AEM90-AO1236-D25-C25-L160-Z04-H | ● | 25 | 4 | 25 | 160 | 50 | 10 | | | |
| AEM90-AO1236-D25-W25-L150-Z03 | ● | 25 | 3 | 25 | 150 | 50 | 10 | | | |
| AEM90-AO1236-D26-C25-L150-Z04-H | ● | 26 | 4 | 25 | 150 | 35 | 10 | | | |
| AEM90-AO1236-D26-C25-L160-Z04-H | ● | 26 | 4 | 25 | 160 | 35 | 10 | | | |
| AEM90-AO1236-D32-W32-L150-Z04 | ● | 32 | 4 | 32 | 150 | 50 | 10 | | | |
| AEM90-AO1236-D32-C32-L160-Z05-H | ● | 32 | 5 | 32 | 160 | 50 | 10 | | | |

**KAPR=90°**



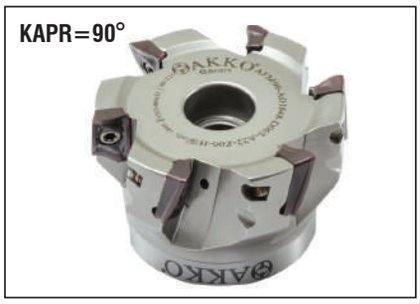

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | Z | DCSFMS | TDZ | LF | DCON | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| AEM90-AO1236-D16-M08-L30-Z02 | ● | 16 | 2 | 14.8 | M08 | 30 | 8.5 | 10 | **AO.. 1236..** | 3008-M2.5x6 | 82-T08 |
| AEM90-AO1236-D20-M10-L35-Z03 | ● | 20 | 3 | 18 | M10 | 35 | 10.5 | 10 | | | |

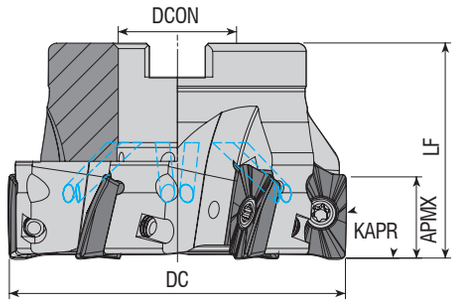
R: Sağ / Right / *Rechts*/ L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**MTSBH** Ucuna Uygundur. / Compatible with **MTSBH** Insert. / Kompatibel mit **MTSBH** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AEM90-AO1236-D16-W16-L150-Z02
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*

**MTSBH** Ucuna Uygundur. / Compatible with **MTSBH** Insert. / Kompatibel mit **MTSBH** Wendeplatten.

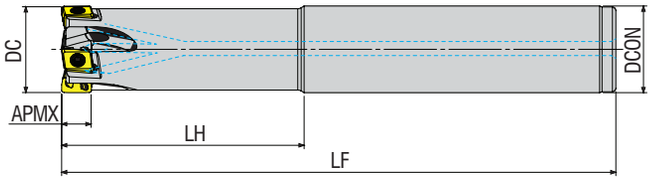
**KAPR=90°**






| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| **AFM90-AO1236-D050-A22-Z05-H** | ● | 50 | 5 | 22 | 40 | 10 | **AO.. 1236..** | 3008-M2.5x6 | 82-T08 | 2508-M10x30 |
| **AFM90-AO1848-D050-A22-Z05-H** | ● | 50 | 5 | 22 | 40 | 15 | **AO.. 1848..** | 4015-M4x11 | 80-T15 | |
| **AFM90-AO1848-D063-A22-Z06-H** | ● | 63 | 6 | 22 | 40 | 15 | | | | |

**KAPR=90°**



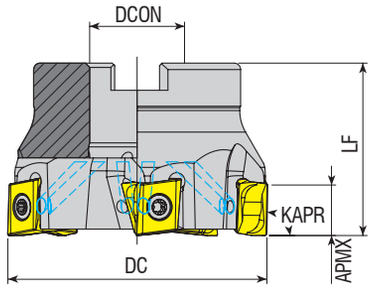

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | LH | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| **AEM90-LO0904-D16-C16-L160-Z02-H** | ○ | 16 | 2 | 16 | 160 | 60 | 8 | **LOGU 0904..** | 3007-M2.7x6.5 | 82-T07 |
| **AEM90-LO0904-D18-C16-L160-Z02-H** | ○ | 18 | 2 | 16 | 160 | 25 | 8 | | | |
| **AEM90-LO0904-D20-C20-L160-Z03-H** | ○ | 20 | 3 | 20 | 160 | 60 | 8 | | | |
| **AEM90-LO0904-D20-W20-L100-Z03-H** | ● | 20 | 3 | 20 | 100 | 30 | 8 | | | |
| **AEM90-LO0904-D22-C20-L160-Z03-H** | ○ | 22 | 3 | 20 | 160 | 30 | 8 | | | |
| **AEM90-LO0904-D25-C25-L160-Z04-H** | ○ | 25 | 4 | 25 | 160 | 70 | 8 | | | |
| **AEM90-LO0904-D28-C25-L160-Z04-H** | ○ | 28 | 4 | 25 | 160 | 30 | 8 | | | |
| **AEM90-LO0904-D25-W25-L091-Z03-H** | ● | 25 | 3 | 25 | 91 | 30 | 8 | | 3007-M2.7x8 | |
| new **AEM90-LO0904-D32-C32-L160-Z05-H** | ● | 32 | 5 | 32 | 160 | 70 | 8 | | | |
| **AEM90-LO1207-D32-W32-L105-Z03-H** | ● | 32 | 3 | 32 | 105 | 45 | 11 | **LOGU 1207..** | 3015-M4x11 | 80-T15 |
| **AEM90-LO1207-D40-W32-L200-Z04-H** | ○ | 40 | 4 | 32 | 200 | 40 | 11 | | | |

R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager*  ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**MTSBH** Ucuna Uygundur. / Compatible with **MTSBH** Insert. / Kompatibel mit **MTSBH** Wendeplatten.

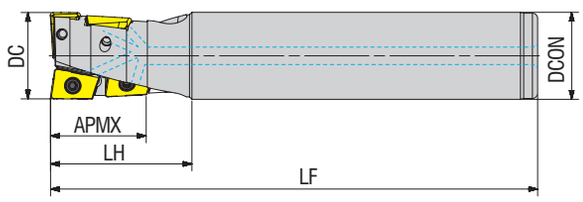
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AFM90-AO1236-D050-A22-Z05-H
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*

**MTSBH** Ucuna Uygundur. / Compatible with **MTSBH** Insert. / Kompatibel mit **MTSBH** Wendeplatten.

**KAPR=90°**




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| **AFM90-LO0904-D040-A16-Z06-H** | ● | 40 | 6 | 16 | 40 | 8 | **LOGU 0904..** | 3007-M2.7x8 | 82-T07 | 2506-M8x30 |
| **AFM90-LO0904-D050-A22-Z05-H** | ● | 50 | 5 | 22 | 40 | 8 | | | | 2508-M10x30 |
| **AFM90-LO0904-D050-A22-Z07-H** | ● | 50 | 7 | 22 | 40 | 8 | | | | |
| **AFM90-LO0904-D063-A22-Z06-H** | ● | 63 | 6 | 22 | 40 | 8 | | | | |
| **AFM90-LO1207-D040-A16-Z04-H** | ● | 40 | 4 | 16 | 40 | 11 | **LOGU 1207..** | 3015-M4x11 | 80-T15 | 2506-M8x30 |
| **AFM90-LO1207-D050-A22-Z05-H** | ● | 50 | 5 | 22 | 40 | 11 | | | | 2508-M10x30 |
| **AFM90-LO1207-D063-A22-Z05-H** | ● | 63 | 5 | 22 | 40 | 11 | | | | |
| **AFM90-LO1207-D063-A22-Z06-H** | ● | 63 | 6 | 22 | 40 | 11 | | | | |
| **AFM90-LO1207-D080-A27-Z07-H** | ● | 80 | 7 | 27 | 50 | 11 | | | | 2510-M12x35 |
| **AFM90-LO1207-D100-A32-Z07-H** | ● | 100 | 7 | 32 | 50 | 11 | | | | 2514-M16x35 |




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | DCON | LF | LH | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| **ADM90-QO10-D20-C20-L130-Z0204-H** | ○ | 20 | 4-2 | 20 | 130 | 35 | " | **QOMT 1035R-M2** | 3008-M2.5x6 | 82-T08 |
| **ADM90-QO10-D20-C20-L185-Z0204-H** | ○ | 20 | 4-2 | 20 | 185 | 60 | 22 | | | |
| **ADM90-QO13-D25-C25-L140-Z0204-H** | ○ | 25 | 4-2 | 25 | 140 | 40 | 27.5 | **QOMT 1342R-M2** | 3008-M3x6 | |
| **ADM90-QO13-D25-C25-L220-Z0204-H** | ○ | 25 | 4-2 | 25 | 220 | 75 | 27.5 | | | |
| **ADM90-QO16-D32-C32-L150-Z0204-H** | ○ | 32 | 4-2 | 32 | 150 | 50 | 35 | **QOMT 1651R-M2** | 4015-M4x9 | 80-T15 |
| **ADM90-QO16-D32-C32-L200-Z02-H** | ○ | 32 | 2 | 32 | 200 | 50 | 14.5 | | | |
| **ADM90-QO16-D32-C32-L230-Z0204-H** | ○ | 32 | 4-2 | 32 | 230 | 90 | 35 | | | |
| **ADM90-QO16-D32-C32-L230-Z02-H** | ○ | 32 | 2 | 32 | 230 | 50 | 14.5 | | | |
| **ADM90-QO20-D40-C32-L160-Z0204** | ○ | 40 | 4-2 | 32 | 160 | 60 | 44 | **QOMT 2062R-M2** | 1120-M5x11 | 80-T20 |
| **ADM90-QO20-D40-C32-L240-Z0204** | ○ | 40 | 4-2 | 32 | 240 | 60 | 44 | | | |

R: Sağ / Right / *Rechts*/ L: Sol / Left / *Links*

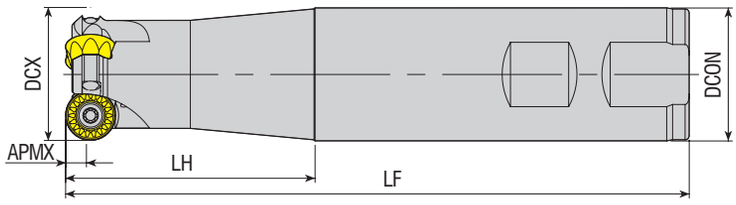
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

**MTSBH** Ucuna Uygundur. / Compatible with **MTSBH** Insert. / Kompatibel mit **MTSBH** Wendeplatten.

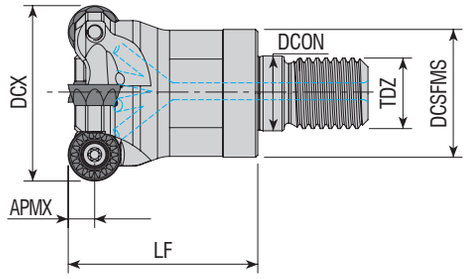
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AFM90-LO0904-D040-A16-Z06-H

Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*
Sıkma Tork Değeri : S 464 / *Tightening Torque : P 464* / *Anzugsmoment : P 464*

**MTSBH** Ucuna Uygundur. / Compatible with **MTSBH** Insert. / Kompatibel mit **MTSBH** Wendeplatten.




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | DCON | LF | LH | APMX | | Sıkma Vidası *Screw* *Schraube* | Baskı Parçası *Wedge Clamp* *Spannpratze* | Baskı Vidası *Clamp Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| **AEMR-RP08T2M-D20-W20-L150-Z02-H** | ● | 20 | 2 | 20 | 150 | 60 | 4 | **RPMT 08T2..** | 3008-M2.5x6 | - | - | 82-T08 |
| **AEMR-RP08T2M-D25-W25-L200-Z03-H** | ● | 25 | 3 | 25 | 200 | 100 | 4 | | | | | |
| **AEMR-RP10T3M-D25-W25-L200-Z02-H** | ● | 25 | 2 | 25 | 200 | 100 | 5 | **RPMT 10T3..** | 4015-M3.5x9 | - | - | 80-T15 |
| **AEMR-RP10T3M-D32-W32-L200-Z03-H** | ● | 32 | 3 | 32 | 200 | 100 | 5 | | | | | |
| **AEMR-RP1204M-D25-C25-L180-Z02** | ● | 25 | 2 | 25 | 180 | 50 | 6 | **RPMT 1204..** | 4015-M4x9 | - | - | |
| **AEMR-RP1204M-D25-C25-L180-Z02-H** | ● | 25 | 2 | 25 | 180 | 50 | 6 | | | | | |
| **AEMR-RP1204M-D32-W32-L150-Z03-H** | ● | 32 | 3 | 32 | 150 | 60 | 6 | | | | | |
| **AEMR-RP1204M-D32-W32-L200-Z03-H** | ● | 32 | 3 | 32 | 200 | 100 | 6 | | | | | |
| **AEMR-RP1204M-D36-C25-L160-Z03** | ● | 36 | 3 | 25 | 160 | 30 | 3 | | | | | |
| **AEMR-RP1606M-D40-W32-L150-Z02-H** | ● | 40 | 2 | 16 | 150 | 35 | 8 | **RPMT 1606..** | 1020-M5x11 | - | - | 80-T20 |
| **AEMR-RP1606M-D40-W32-L200-Z02-H** | ● | 40 | 2 | 16 | 200 | 35 | 8 | | | | | |




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | DCSFMS | TDZ | LF | DCON | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| **AEMR-RP08T2M-D20-M10-L30-Z02-H** | ● | 20 | 2 | 18 | M10 | 30 | 10.5 | 4 | **RPMT 08T2..** | 3008-M2.5x6 | 82-T08 |
| **AEMR-RP10T3M-D25-M12-L35-Z02-H** | ● | 25 | 2 | 21 | M12 | 35 | 12.5 | 5 | **RPMT 10T3..** | 4015-M3.5x9 | 80-T15 |
| **AEMR-RP10T3M-D32-M16-L43-Z03-H** | ● | 32 | 3 | 29 | M16 | 43 | 17 | 5 | | | |
| **AEMR-RP1204M-D32-M16-L43-Z03-H** | ● | 32 | 3 | 29 | M16 | 43 | 17 | 6 | **RPMT 1204..** | 4015-M4x9 | |
| **AEMR-RP1204M-D40-M16-L43-Z04-H** | ● | 40 | 4 | 29 | M16 | 43 | 17 | 6 | | | |

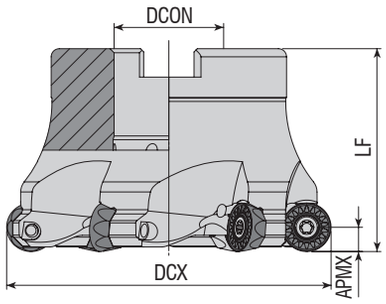
R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

**MTSBH** Ucuna Uygundur. / Compatible with **MTSBH** Insert. / Kompatibel mit **MTSBH** Wendeplatten.

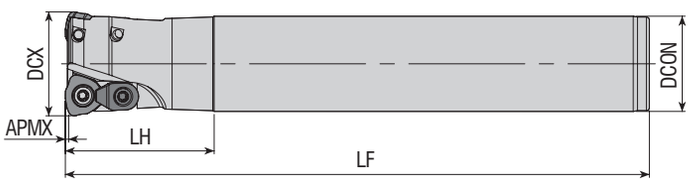
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AEMR-RP08T2M-D20-W20-L150-Z02-H

Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*
Sıkma Tork Değeri : S 464 / *Tightening Torque : P 464* / *Anzugsmoment : P 464*

**MTSBH** Ucuna Uygundur. / Compatible with **MTSBH** Insert. / Kompatibel mit **MTSBH** Wendeplatten.




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| **AFMR-RP1204M-D040-A16-Z04-H** | ● | 40 | 4 | 16 | 40 | - | **RPMT 1204..** | 4015-M4x11 | 80-T15 | 2406-M8x30 |
| **AFMR-RP1204M-D042-A16-Z04-H** | ● | 42 | 4 | 16 | 40 | 6 | | | | |
| **AFMR-RP1204M-D050-A22-Z04-H** | ● | 50 | 4 | 22 | 50 | 6 | | | | 2508-M10x30 |
| **AFMR-RP1204M-D052-A22-Z05-H** | ● | 52 | 5 | 22 | 50 | 6 | | | | |
| **AFMR-RP1204M-D063-A22-Z05-H** | ● | 63 | 5 | 22 | 50 | 6 | | | | |
| **AFMR-RP1204M-D080-A27-Z06-H** | ● | 80 | 6 | 27 | 50 | 6 | | | | 2510-M12x35 |




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | DCON | LF | LH | APMX | | Sıkma Vidası *Screw* *Schraube* | Baskı Parçası *Wedge Clamp* *Spannpratze* | Baskı Vidası *Clamp Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| **AHFMC-JD1204-D32-C32-L150-Z02** | ● | 32 | 2 | 32 | 150 | 50 | 1 | **JDMW 1204..** | 4615-M4x11 | ACK-05 | 4015-M4x11 | 80-T15 |
| **AHFMC-JD1204-D32-C32-L200-Z02** | ● | 32 | 2 | 32 | 200 | 50 | 1 | | | | | |
| **AHFMC-JD1204-D35-C32-L200-Z02** | ● | 35 | 2 | 32 | 200 | 50 | 1 | | | | | |
| **AHFMC-JD1204-D35-C32-L250-Z02** | ● | 35 | 2 | 32 | 250 | 50 | 1 | | | | | |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*

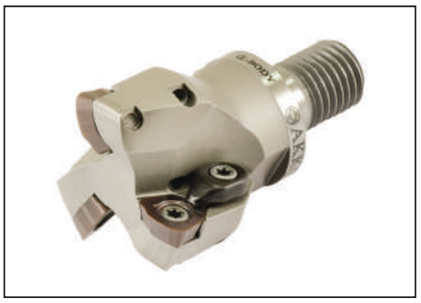
● *Stokta / In Stock / Auf Lager* ○ *Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage*

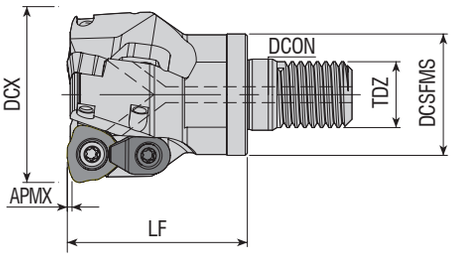
**MTSBH** Ucuna Uygundur. / Compatible with **MTSBH** Insert. / Kompatibel mit **MTSBH** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AFMR-RP1204M-D040-A16-Z04-H

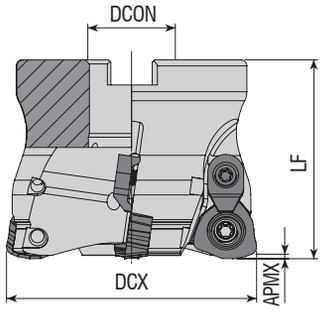
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*
Montaj Ölçüleri : S 462 / *Mounting Reference : P 462* / *Montagehinweis : P 462*

**MTSBH** Ucuna Uygundur. / Compatible with **MTSBH** Insert. / Kompatibel mit **MTSBH** Wendeplatten.






| Takım Kodu<br>*Ordering Code*<br>*Bestell-Bezeichnung* | Stok<br>*Stock*<br>*Lager* | Takım Ölçüleri (mm)<br>*Dimension (mm)*<br>*Abmessung (mm)* | | | | | | | Kesici Uç<br>*Insert*<br>*Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | Sıkma Vidası<br>*Screw*<br>*Schraube* | Baskı Parçası<br>*Wedge Clamp*<br>*Spannpratze* | Baskı Vidası<br>*Clamp Screw*<br>*Schraube* | Tork Anahtar<br>*Torx Key*<br>*Torx-Schlüssel* |
| | | DCX | ZEFP | DCSFMS | TDZ | LF | DCON | APMX | | | | | |
| **AHFMC-JD1204-D32-M16-L43-Z02-H** | ● | 32 | 2 | 29 | M16 | 43 | 17 | 1.5 | **JDMW 1204..** | 4615-M4x11 | ACK-05 | 4015-M4x11 | 80-T15 |
| **AHFMC-JD1204-D42-M16-L43-Z03-H** | ● | 42 | 3 | 29 | M16 | 43 | 17 | 1.5 | | | | | |




| Takım Kodu<br>*Ordering Code*<br>*Bestell-Bezeichnung* | Stok<br>*Stock*<br>*Lager* | Takım Ölçüleri (mm)<br>*Dimension (mm)*<br>*Abmessung (mm)* | | | | | Kesici Uç<br>*Insert*<br>*Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Sıkma Vidası<br>*Screw*<br>*Schraube* | Baskı Pabucu<br>*Wedge Clamp*<br>*Spannpratze* | Baskı Vidası<br>*Clamp Screw*<br>*Klemmschraube* | Tork Anahtar<br>*Torx Key*<br>*Torx-Schlüssel* | Montaj Vidası<br>*Mounting Screw*<br>*Befestigungsschraube* |
| | | DCX | ZEFP | DCON | LF | APMX | | | | | | |
| **AHFMC-JD1204-D052-A22-Z03-H** | ● | 52 | 3 | 22 | 50 | 1.5 | **JDMW 1204..** | 4615-M4x11 | ACK-05 | 4015-M4x11 | 80-T15 | 2508-M10x30 |
| **AHFMC-JD1204-D052-A22-Z04-H** | ● | 52 | 4 | 22 | 50 | 1.5 | | | | | | |
| **AHFMC-JD1204-D063-A22-Z05-H** | ● | 63 | 5 | 22 | 50 | 1.5 | | | | | | |
| **AHFMC-JD1204-D080-A27-Z06-H** | ● | 80 | 6 | 27 | 50 | 1.5 | | | | | | 2510-M12x35 |
| **AHFMC-JD1204-D100-A32-Z07-H** | ● | 100 | 7 | 32 | 50 | 1.5 | | | | | | 2514-M16x35 |
| **AHFMC-JD1405-D052-A22-Z03-H** | ● | 52 | 3 | 22 | 50 | 2 | **JDMW 1405..** | 1020-M5x11 | | | 80-T20 | 2408-M10x30 |
| **AHFMC-JD1405-D063-A22-Z04-H** | ● | 63 | 4 | 22 | 50 | 2 | | | | | | 2508-M10x30 |

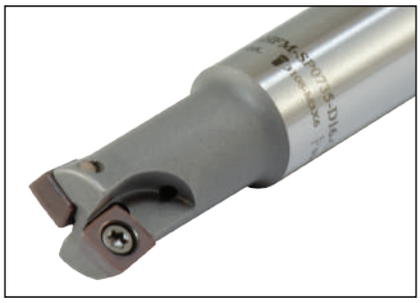
R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager*  ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

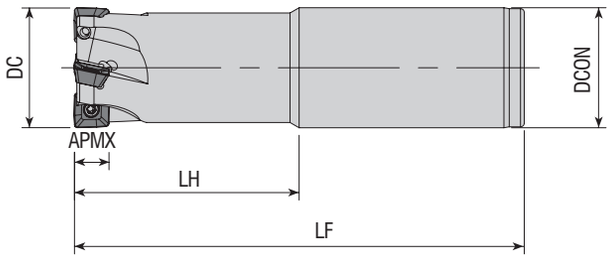
**MTSBH** Ucuna Uygundur. / Compatible with **MTSBH** Insert. / Kompatibel mit **MTSBH** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AHFMC-JD1204-D32-M16-L43-Z02-H

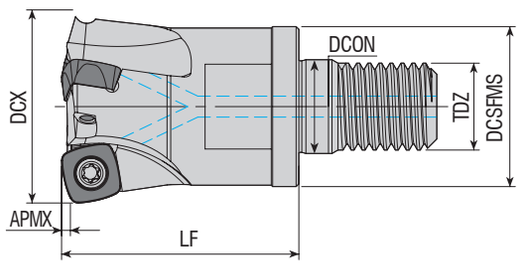
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*
Sıkma Tork Değeri : S 464 / *Tightening Torque : P 464* / *Anzugsmoment : P 464*

**MTSBH** Ucuna Uygundur. / Compatible with **MTSBH** Insert. / Kompatibel mit **MTSBH** Wendeplatten.






| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | DCON | LF | LH | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| **AHFM-SP0735-D16-C16-L160-Z02-H** | ● | 16 | 2 | 16 | 160 | 30 | 1.2 | **SPMX 073505** | 3108-M3x6 | 82-T08 |
| **AHFM-SP0735-D17-C16-L160-Z02-H** | ● | 17 | 2 | 16 | 160 | 30 | 1.2 | | | |
| **AHFM-SP0735-D20-C20-L160-Z03-H** | ● | 20 | 3 | 20 | 160 | 30 | 1.2 | | | |
| **AHFM-SP0735-D21-C20-L160-Z03-H** | ● | 21 | 3 | 20 | 160 | 30 | 1.2 | | | |

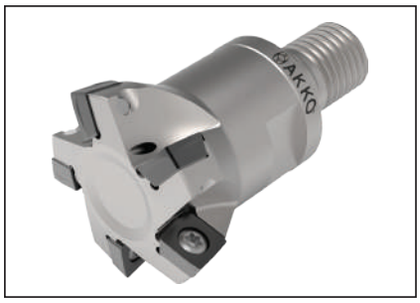


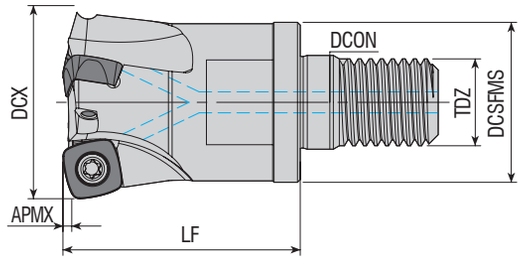

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | DC SFMS | TDZ | LF | DCON | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| **AHFM-SP0735-D16-M08-L23-Z02-H** | ● | 16 | 2 | 14.75 | M08 | 23 | 8.5 | 1.2 | **SPMX 073505** | 3108-M3x6 | 82-T08 |
| **AHFM-SP0735-D20-M10-L30-Z03-H** | ● | 20 | 3 | 18 | M10 | 30 | 10.5 | 1.2 | | | |
| **AHFM-SP0735-D25-M12-L35-Z04-H** | ● | 25 | 4 | 21 | M12 | 35 | 12.5 | 1.2 | | | |

R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**MTSBH** Ucuna Uygundur. / Compatible with **MTSBH** Insert. / Kompatibel mit **MTSBH** Wendeplatten.

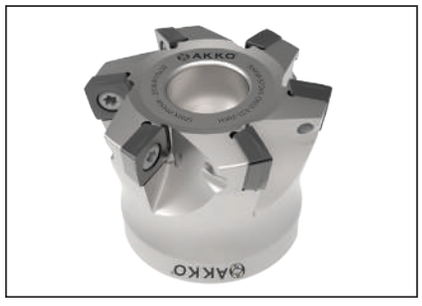
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AHFM-SP0735-D16-C16-L160-Z02-H
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*
Montaj Ölçüleri : S 462 / *Mounting Reference : P 462* / *Montagehinweis : P 462*

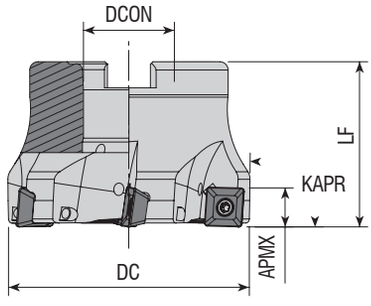
**MTSBH** Ucuna Uygundur. / Compatible with **MTSBH** Insert. / Kompatibel mit **MTSBH** Wendeplatten.






| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | DC SFMS | TDZ | LF | DCON | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| **AHFM-SP0945-D32-M16-L43-Z04-H** | ● | 32 | 4 | 29 | M16 | 43 | 17 | 1.4 | **SPMX 094506** | 4115-M4x8 | 80-T15 |
| **AHFM-SP0945-D35-M16-L43-Z04-H** | ● | 35 | 4 | 29 | M16 | 43 | 17 | 1.4 | | | |
| **AHFM-SP0945-D42-M16-L43-Z05-H** | ● | 42 | 5 | 29 | M16 | 43 | 17 | 1.4 | | | |





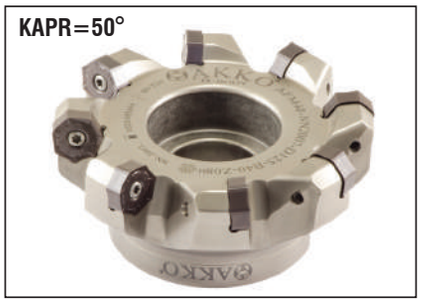

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| **AHFM-SP0945-D050-A22-Z06-H** | ● | 50 | 6 | 22 | 40 | 1.4 | **SPMX 0945..** | 4115-M4x8 | 80-T15 | 2508-M10x30 |
| **AHFM-SP0945-D052-A22-Z06-H** | ● | 52 | 6 | 22 | 40 | 1.4 | | | | |

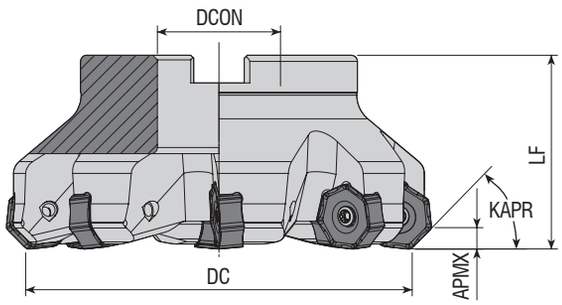
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**MTSBH** Ucuna Uygundur. / Compatible with **MTSBH** Insert. / Kompatibel mit **MTSBH** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AHFM-SP0945-D32-M16-L43-Z04-H
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*

**MTSBH** Ucuna Uygundur. / Compatible with **MTSBH** Insert. / Kompatibel mit **MTSBH** Wendeplatten.

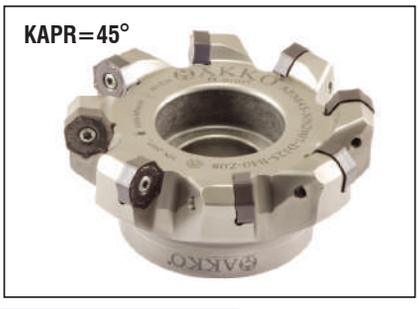
**KAPR=50°**

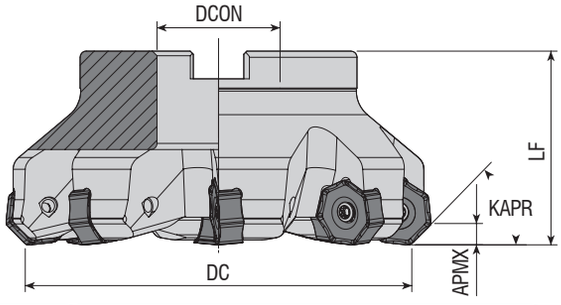





| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| **AFM50-NN2007-D080-A27-Z06-H** | ● | 80 | 6 | 27 | 50 | 6 | **NNMU 2007..** | 1020-M5x14 | 80-T20 | 2514-M16x35 |
| **AFM50-NN2007-D100-B32-Z07-H** | ● | 100 | 7 | 32 | 50 | 6 | | | | |
| **AFM50-NN2007-D125-B40-Z08-H** | ● | 125 | 8 | 40 | 63 | 6 | | | | - |
| **AFM50-NN2007-D160-C40-Z10** | ● | 160 | 10 | 40 | 63 | 6 | | | | |
| **AFM50-NN2007-D200-C60-Z12** | ● | 200 | 12 | 60 | 63 | 6 | | | | |

**KAPR=45°**





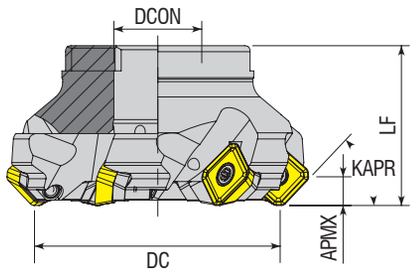

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| **AFM45-NN2007-D063-A22-Z05-H** | ● | 63 | 5 | 22 | 50 | 6 | **NNMU 2007..** | 1020-M5x14 | 80-T20 | 2508-M10x30 |
| **AFM45-NN2007-D080-A27-Z06-H** | ● | 80 | 6 | 27 | 50 | 6 | | | | 2510-M12x35 |
| **AFM45-NN2007-D100-A32-Z07-H** | ● | 100 | 7 | 32 | 50 | 6 | | | | |
| **AFM45-NN2007-D125-B40-Z08** | ● | 125 | 8 | 40 | 63 | 6 | | | | 2514-M16x35 |
| **AFM45-NN2007-D160-C40-Z10** | ● | 160 | 10 | 40 | 63 | 6 | | | | |

R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager*  ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**MTSBH** Ucuna Uygundur. / Compatible with **MTSBH** Insert. / Kompatibel mit **MTSBH** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AFM50-NN2007-D080-A27-Z06-H
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*

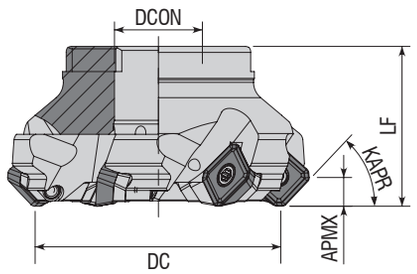
**MTSBH** Ucuna Uygundur. / Compatible with **MTSBH** Insert. / Kompatibel mit **MTSBH** Wendeplatten.

**KAPR=45°**




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| **AFM45-SE13M-D050-A22-Z04-H** | ● | 50 | 4 | 22 | 40 | 6 | **SEMT 13T3..** | 4015-M3.5x11 | 80-T15 | 2508-M10x30 |
| **AFM45-SE13M-D063-A22-Z05-H** | ● | 63 | 5 | 22 | 40 | 6 | | | | |
| **AFM45-SE13M-D080-A27-Z06** | ● | 80 | 6 | 27 | 50 | 6 | | | | 2510-M12x35 |
| **AFM45-SE13M-D100-A32-Z07** | ● | 100 | 7 | 32 | 50 | 6 | | | | 2514-M16x35 |
| **AFM45-SE13M-D125-B40-Z08** | ● | 125 | 8 | 40 | 63 | 6 | | | | - |

**KAPR=45°**




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Altlık *Screw* *Unterlage* | Altlık Vidası *Wedge Clamp* *Винт опорной пластины* | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| **AFM45S-SE13M-D050-A22-Z04-H** | ● | 50 | 4 | 22 | 40 | 6 | **SE..13T3** | AASE-3-0001 | AAV-16-M3.5x8 | 4015-M3.5x12 | 80-T15 | 2508-M10x30 |
| **AFM45S-SE13M-D063-A22-Z05-H** | ● | 63 | 5 | 22 | 40 | 6 | | | | | | |
| **AFM45S-SE13M-D080-A27-Z06** | ● | 80 | 6 | 27 | 50 | 6 | | | | | | 2510-M12x35 |
| **AFM45S-SE13M-D100-A32-Z07** | ● | 100 | 7 | 32 | 50 | 6 | | | | | | 2514-M16x35 |
| **AFM45S-SE13M-D125-B40-Z08** | ● | 125 | 8 | 40 | 63 | 6 | | | | | | - |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*

● *Stokta / In Stock / Auf Lager* ○ *Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage*

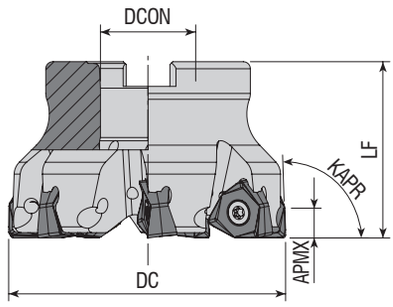
**MTSBH** Ucuna Uygundur. / Compatible with **MTSBH** Insert. / Kompatibel mit **MTSBH** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AFM45-SE13M-D050-A22-Z04-H

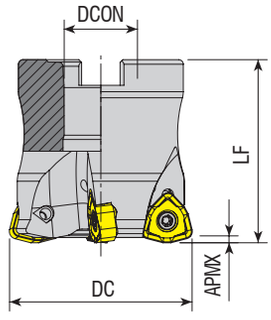
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*
Montaj Ölçüleri : S 462 / *Mounting Reference : P 462* / *Montagehinweis : P 462*

**MTSBH** Ucuna Uygundur. / Compatible with **MTSBH** Insert. / Kompatibel mit **MTSBH** Wendeplatten.

**KAPR=90°**




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| **AFM90-6N14-D050-A22-Z04-H** | ○ | 50 | 4 | 22 | 50 | 8.2 | **6NMU 1409..** | 1120-M5x12 | 80-T20 | 2508-M10x30 |
| **AFM90-6N14-D063-A22-Z05-H** | ○ | 63 | 5 | 22 | 40 | 8.2 | | | | |
| **AFM90-6N14-D080-A27-Z07-H** | ○ | 80 | 7 | 27 | 50 | 8.2 | | | | 2510-M12x35 |
| **AFM90-6N14-D100-A32-Z07-H** | ○ | 100 | 7 | 32 | 50 | 8.2 | | | | 2514-M16x35 |
| **AFM90-6N14-D125-B40-Z08** | ○ | 125 | 8 | 40 | 63 | 8.2 | | | | - |




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| **AHFM-J009-D050-A22-Z04-H** | ● | 50 | 4 | 22 | 50 | 1.2 | **JOMU 0905..** | 1110-M3x8.5 | 82-T10 | 2508-M10X30 |
| **AHFM-J009-D063-A22-Z05-H** | ● | 63 | 5 | 22 | 50 | 1.2 | | | | |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*

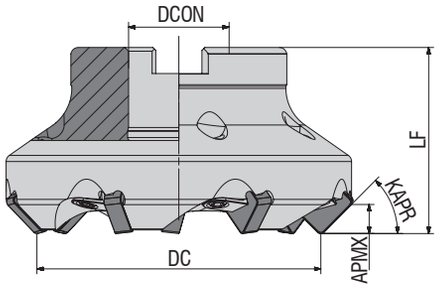
● *Stokta / In Stock / Auf Lager* ○ *Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage*

**MTSBH** Ucuna Uygundur. / Compatible with **MTSBH** Insert. / Kompatibel mit **MTSBH** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AFM90-6N14-D050-A22-Z04-H

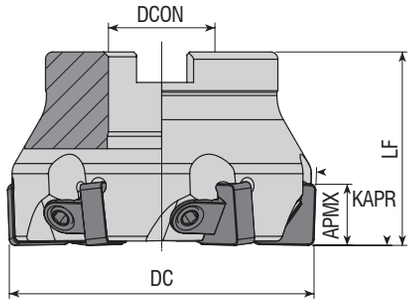
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*
Montaj Ölçüleri : S 462 / *Mounting Reference : P 462* / *Montagehinweis : P 462*

**KAPR=45°**




| Takım Kodu / Ordering Code / Bestell-Bezeichnung | Stok / Stock / Lager | Takım Ölçüleri (mm) / Dimension (mm) / Abmessung (mm) | | | | | Kesici Uç / Insert / Wendeschneidplatte | Yedek Parçaları / Spare Parts / Ersatzteile | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Baskı Parçası / Wedge Clamp / Spannpratze | Baskı Vidası / Clamp Screw / Klemmschraube | Anahtar / Allen Key / Innensechskantschlüssel | Montaj Vidası / Mounting Screw / Befestigungsschraube |
| AFM45C-SN1204-D080-A27-Z07 | ● | 80 | 7 | 27 | 50 | 6 | SN.. 120412 | ACK-21 | AKV-24-M6x1x18 | AAL-03-3 | 2510-M12x35 |
| AFM45C-SN1204-D160-C40-Z14 | ● | 160 | 14 | 40 | 63 | 6 | | | | | - |

**KAPR=88°**




| Takım Kodu / Ordering Code / Bestell-Bezeichnung | Stok / Stock / Lager | Takım Ölçüleri (mm) / Dimension (mm) / Abmessung (mm) | | | | | Kesici Uç / Insert / Wendeschneidplatte | Yedek Parçaları / Spare Parts / Ersatzteile | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Baskı Parçası / Wedge Clamp / Spannpratze | Baskı Vidası / Clamp Screw / Klemmschraube | Anahtar / Allen Key / Innensechskantschlüssel | Montaj Vidası / Mounting Screw / Befestigungsschraube |
| AFM88C-SN1204-D050-A22-Z05 | ● | 50 | 5 | 22 | 40 | 11 | SN.. 1204.. | ACK-21 | AKV-24-M6x1x18 | AAL-03-3 | 2408-M10x30 |
| AFM88C-SN1204-D063-A22-Z06 | ● | 63 | 6 | 22 | 40 | 11 | | | | | |
| AFM88C-SN1204-D080-A27-Z07 | ● | 80 | 7 | 27 | 50 | 11 | | | | | 2510-M12x35 |
| AFM88C-SN1204-D100-A32-Z08 | ● | 100 | 8 | 32 | 50 | 11 | | | | | 2514-M16x35 |
| AFM88C-SN1204-D125-B40-Z11 | ● | 125 | 11 | 40 | 63 | 11 | | | | | - |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*

● *Stokta / In Stock / Auf Lager* ○ *Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage*

**NTK** Ucuna Uygundur. / Compatible with **NTK** Insert. / Kompatibel mit **NTK** Wendeplatten.

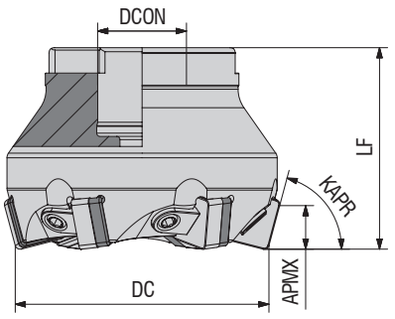
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AFM45C-SN1204-D080-A27-Z07

Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*
Montaj Ölçüleri : S 462 / *Mounting Reference : P 462* / *Montagehinweis : P 462*

**NTK** Ucuna Uygundur. / Compatible with **NTK** Insert. / Kompatibel mit **NTK** Wendeplatten.

new

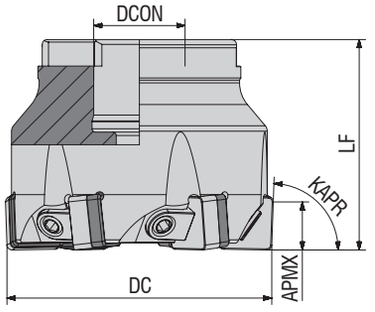
**KAPR=75°**

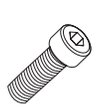



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Baskı Parçası *Wedge Clamp* *Spannpratze* | Baskı Vidası *Clamp Screw* *Klemmschraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| **AFM75CS-SN1204-D063-A22-Z06** | ● | 63 | 6 | 22 | 50 | 10.5 | **SN.. 1204..** | ACK-21 | AKV-24-M6x1x18 | AAL-03-3 | 2408-M10x30 |
| **AFM75CS-SN1204-D080-A27-Z08** | ● | 80 | 8 | 27 | 50 | 10.5 | | | | | 2510-M12x35 |
| **AFM75CS-SN1204-D125-B40-Z12** | ● | 125 | 12 | 40 | 63 | 11 | | | | | - |
| **AFM75CS-SN1204-D160-C40-Z14** | ● | 160 | 14 | 40 | 63 | 11 | | | | | |

new

**KAPR=88°**




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Baskı Parçası *Wedge Clamp* *Spannpratze* | Baskı Vidası *Clamp Screw* *Klemmschraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube*  |
| **AFM88CS-SN1204-D063-A22-Z06** | ● | 63 | 6 | 22 | 50 | 11 | **SN.. 1204..** | ACK-21 | AKV-24-M6x1x18 | AAL-03-3 | 2408-M10x30 |
| **AFM88CS-SN1204-D080-A27-Z08** | ● | 80 | 8 | 27 | 50 | 11 | | | | | 2510-M12x35 |
| **AFM88CS-SN1204-D100-A32-Z10** | ● | 100 | 10 | 32 | 50 | 11 | | | | | 2514-M16x35 |
| **AFM88CS-SN1204-D125-B40-Z12** | ● | 125 | 12 | 40 | 63 | 11 | | | | | - |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*

● *Stokta / In Stock / Auf Lager* ○ *Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage*

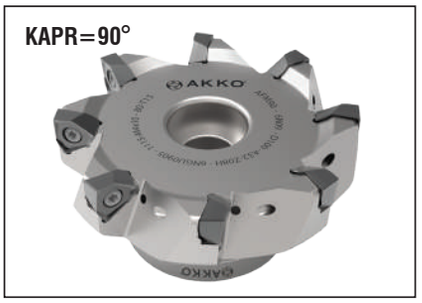
**NTK** Ucuna Uygundur. / Compatible with **NTK** Insert. / Kompatibel mit **NTK** Wendeplatten.

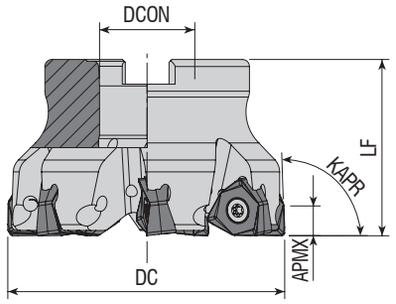
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AFM75CS-SN1204-D063-A22-Z06

Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*
Sıkma Tork Değeri : S 464 / *Tightening Torque : P 464* / *Anzugsmoment : P 464*

**OKE** Ucuna Uygundur. / Compatible with **OKE** Insert. / Kompatibel mit **OKE** Wendeplatten.

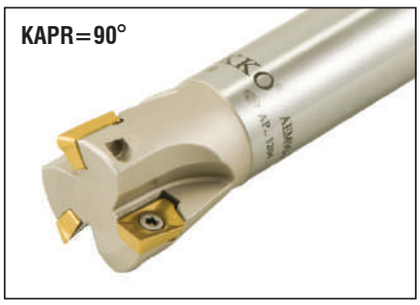
**KAPR=90°**

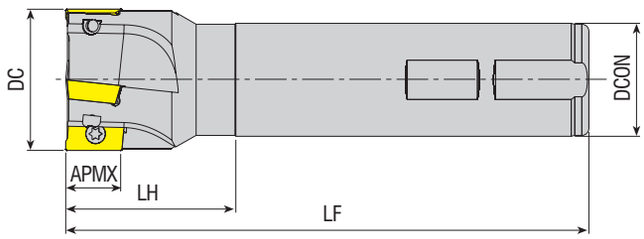





| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| AFM90-6N09-D050-A22-Z05-H | ○ | 50 | 5 | 22 | 40 | 9 | **6NGU 0905..** | 1115-M4x10 | 80-T15 | 2508-M10x30 |
| AFM90-6N09-D063-A22-Z06-H | ● | 63 | 6 | 22 | 40 | 9 | | | | |
| AFM90-6N09-D080-A27-Z07-H | ○ | 80 | 7 | 27 | 50 | 9 | | | | 2510-M12x35 |
| AFM90-6N09-D100-A32-Z08-H | ● | 100 | 8 | 32 | 50 | 9 | | | | 2514-M16x35 |

**KAPR=90°**






| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | LH | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| AEM90-AP10O-D16-C15-L150-Z02 | ● | 16 | 2 | 15 | 150 | 30 | 10 | **AP.. 1003..** | 3008-M2.5x6 | 82-T08 |
| AEM90-AP10O-D21-C20-L150-Z03 | ● | 21 | 3 | 20 | 150 | 30 | 10 | | | |
| AEM90-AP10O-D26-C25-L150-Z04 | ● | 26 | 4 | 25 | 150 | 35 | 10 | | 3008-M2.5x5 | |
| AEM90-AP10O-D33-C32-L200-Z05 | ● | 33 | 5 | 32 | 200 | 50 | 10 | | 3008-M2.5x6 | |
| AEM90-AP11O-D16-C15-L150-Z02 | ● | 16 | 2 | 5 | 150 | 30 | 11 | | 3008-M2.5x5 | |
| AEM90-AP11O-D21-C20-L150-Z03 | ● | 21 | 3 | 20 | 150 | 30 | 11 | **AP.. 1135..** | 3008-M2.5x6 | |
| AEM90-AP11O-D26-C25-L150-Z04 | ● | 26 | 4 | 25 | 150 | 35 | 11 | | | |
| AEM90-AP11O-D33-C32-L200-Z05 | ● | 33 | 5 | 32 | 200 | 50 | 11 | | | |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*

● *Stokta / In Stock / Auf Lager* ○ *Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage*

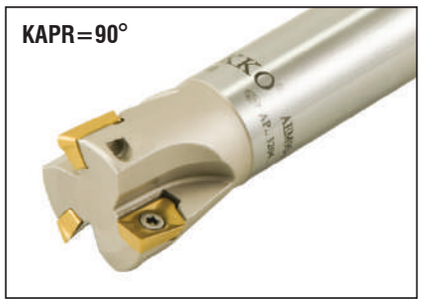
**OKE** Ucuna Uygundur. / Compatible with **OKE** Insert. / Kompatibel mit **OKE** Wendeplatten.

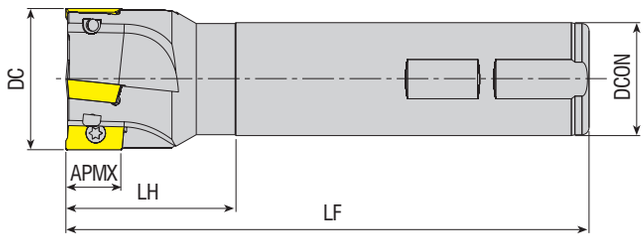
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AFM90-6N09-D050-A22-Z05-H

Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*
Sıkma Tork Değeri : S 464 / *Tightening Torque : P 464* / *Anzugsmoment : P 464*

**PLBT** Ucuna Uygundur. / Compatible with **PLBT** Insert. / Kompatibel mit **PLBT** Wendeplatten.

**KAPR=90°**

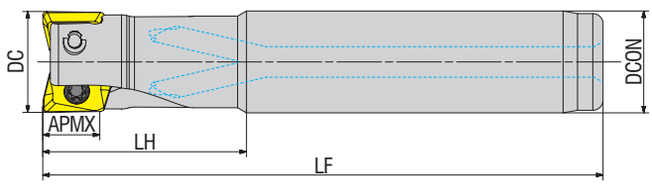





| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* | | | | | | Kesici Uç / *Insert* / *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | LH | APMX | | Sıkma Vidası / *Screw* / *Schraube* | Tork Anahtar / *Torx Key* / *Torx-Schlüssel* |
| AEM90-AP16P-D25-W25-L100-Z02-H | ● | 25 | 2 | 25 | 100 | 35 | 16 | **AP.. 1604..** | 4015-M4x9 | 80-T15 |
| AEM90-AP16P-D25-W25-L150-Z02 | ● | 25 | 2 | 25 | 150 | 50 | 16 | | | |
| AEM90-AP16P-D32-W32-L150-Z03 | ● | 32 | 3 | 32 | 150 | 50 | 16 | | | |
| AEM90-AP16P-D32-C32-L250-Z02 | ● | 32 | 2 | 32 | 250 | 100 | 16 | | | |
| AEM90-AP16P-D40-W32-L150-Z04 | ● | 40 | 4 | 32 | 150 | 50 | 16 | | | |

new

**KAPR=90°**



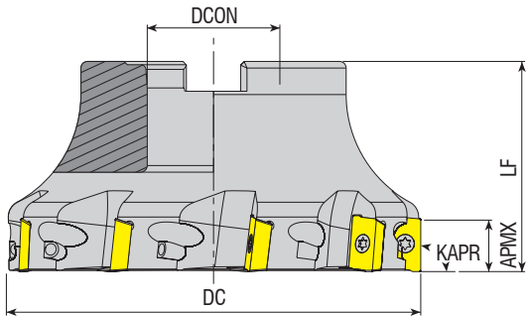

| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* | | | | | | Kesici Uç / *Insert* / *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | LH | APMX | | Sıkma Vidası / *Screw* / *Schraube* | Tork Anahtar / *Torx Key* / *Torx-Schlüssel* |
| AEM90-XP0602-D10-C10-L055-Z02-H | ● | 10 | 2 | 10 | 55 | 20 | 6 | **XP.. 0602..** | 3006-M1.8x4 | 82-T06 |
| AEM90-XP0602-D10-C10-L100-Z02-H | ● | 10 | 2 | 10 | 100 | 30 | 6 | | | |
| AEM90-XP0602-D12-C12-L080-Z02-H | ● | 12 | 2 | 12 | 80 | 25 | 6 | | | |
| AEM90-XP0602-D12-C12-L120-Z03-H | ● | 12 | 3 | 12 | 120 | 30 | 6 | | | |

R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**PLBT** Ucuna Uygundur. / Compatible with **PLBT** Insert. / Kompatibel mit **PLBT** Wendeplatten.

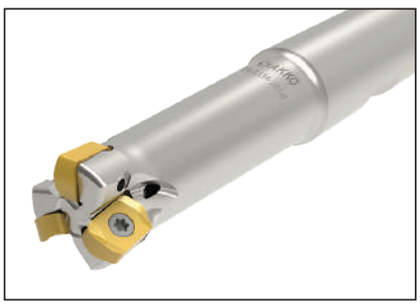
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AEM90-AP16P-D25-W25-L100-Z02-H
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*
Sıkma Tork Değeri : S 464 / *Tightening Torque : P 464* / *Anzugsmoment : P 464*

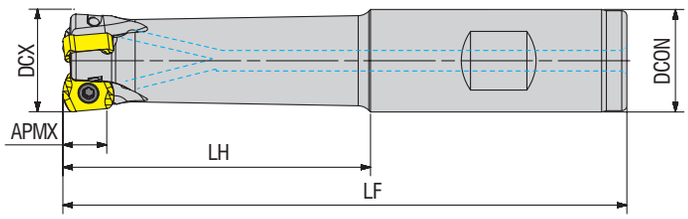
**PLBT** Ucuna Uygundur. / Compatible with **PLBT** Insert. / Kompatibel mit **PLBT** Wendeplatten.

**KAPR=90°**




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| **AFM90-AP16P-D040-A16-Z04-H** | ● | 40 | 4 | 16 | 40 | 16 | **AP.. 1604..** | 4015-M4x11 | 80-T15 | 2506-M8x30 |
| **AFM90-AP16P-D050-A22-Z05-H** | ● | 50 | 5 | 22 | 40 | 16 | | | | 2508-M10x30 |
| **AFM90-AP16P-D063-A22-Z06-H** | ● | 63 | 6 | 22 | 40 | 16 | | | | |
| **AFM90-AP16P-D080-A27-Z07-H** | ● | 80 | 7 | 27 | 50 | 16 | | | | 2510-M12x35 |
| **AFM90-AP16P-D100-A32-Z08-H** | ● | 100 | 8 | 32 | 50 | 16 | | | | 2514-M16x35 |





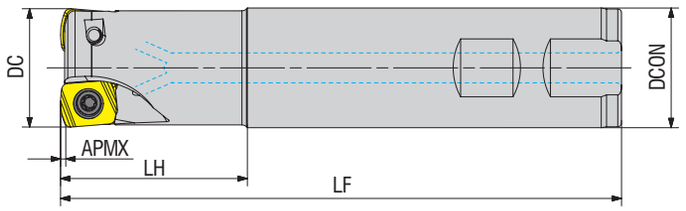

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | DCON | LF | LH | APMX | | Sıkma Vidası *Screw* *Schraube* | Baskı Parçası *Wedge Clamp* *Spannpratze* | Baskı Vidası *Clamp Screw* *Schraube* | |
| **AHFM-XN06T3-D20-W20-L110-Z03-H** | ● | 20 | 3 | 20 | 110 | 60 | 1.25 | **XN.. 06T3..** | 4008-M2.5x6.5 | - | - | 82-T08 |
| **AHFM-XN06T3-D20-W20-L80-Z03-H** | ● | 20 | 3 | 20 | 80 | 30 | 1.25 | | | | | |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

**PLBT** Ucuna Uygundur. / Compatible with **PLBT** Insert. / Kompatibel mit **PLBT** Wendeplatten.

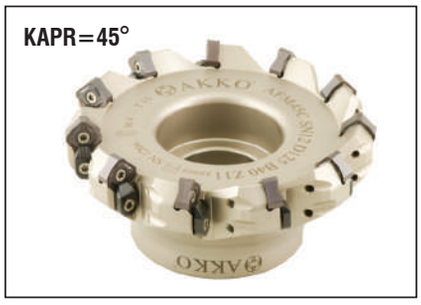
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AFM90-AP16P-D040-A16-Z04-H
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*
Sıkma Tork Değeri : S 464 / *Tightening Torque : P 464* / *Anzugsmoment : P 464*

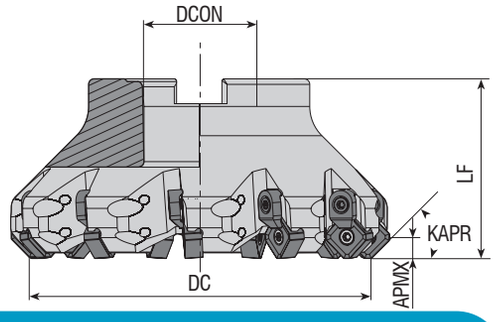
**PLBT** Ucuna Uygundur. / Compatible with **PLBT** Insert. / Kompatibel mit **PLBT** Wendeplatten.




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | LH | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| **AHFM-XN12-D32-W32-L150-Z02-H** | ● | 32 | 2 | 32 | 150 | 50 | 1.5 | **XNKU 12..** | 4020-M4.5x12 | 80-T20 |
| **AHFM-XN12-D32-W32-L200-Z02-H** | ● | 32 | 2 | 32 | 200 | 100 | 1.5 | | | |
| **AHFM-XN12-D40-W32-L150-Z03-H** | ● | 40 | 3 | 32 | 150 | 45 | 1.5 | | | |

**KAPR=45°**






| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Baskı Parçası *Wedge Clamp* *Spannpratze* | Baskı Vidası *Clamp Screw* *Klemmschraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| **AFM45C-SN1206-D050-A22-Z04-H** | ● | 50 | 4 | 22 | 42 | 6 | **SN.. 1206..** | 4015-M4x11 | ACK-05 | 4015-M4x11 | 80-T15 | 2407-M10x30 |
| **AFM45CL-SN1206-D050-A22-Z05-H** | ● | 50 | 5 | 22 | 42 | 6 | | | | | | |
| **AFM45C-SN1206-D050-A22-Z05-H** | ● | 50 | 5 | 22 | 42 | 6 | | | | | | |
| **AFM45C-SN1206-D063-A22-Z06-H** | ● | 63 | 6 | 22 | 42 | 6 | | | | | | |
| **AFM45C-SN1206-D063-A22-Z07-H** | ● | 63 | 7 | 22 | 42 | 6 | | | | | | |
| **AFM45CL-SN1206-D063-A22-Z07-H** | ● | 63 | 7 | 22 | 42 | 6 | | | | | | |
| **AFM45C-SN1206-D080-A27-Z07-H** | ● | 80 | 7 | 27 | 52 | 6 | | | | | | |
| **AFM45C-SN1206-D080-A27-Z08-H** | ● | 80 | 8 | 27 | 52 | 6 | | | | | | 2510-M12x35 |
| **AFM45CL-SN1206-D080-A27-Z08-H** | ● | 80 | 8 | 27 | 52 | 6 | | | | | | |
| **AFM45C-SN1206-D100-A32-Z08-H** | ● | 100 | 8 | 32 | 52 | 6 | | | | | | |
| **AFM45C-SN1206-D100-A32-Z10-H** | ● | 100 | 10 | 32 | 52 | 6 | | | | | | 2514-M16x35 |
| **AFM45CL-SN1206-D100-A32-Z10-H** | ● | 100 | 10 | 32 | 52 | 6 | | | | | | |
| **AFM45C-SN1206-D125-B40-Z11** | ● | 125 | 11 | 40 | 65 | 6 | | | | | | |
| **AFM45CL-SN1206-D125-B40-Z11** | ● | 125 | 11 | 40 | 65 | 6 | | | | | | |
| **AFM45C-SN1206-D160-C40-Z12** | ● | 160 | 12 | 40 | 65 | 6 | | | | | | |
| **AFM45CL-SN1206-D160-C40-Z12** | ● | 160 | 12 | 40 | 65 | 6 | | 1015-M4x11 | | | | - |
| **AFM45C-SN1206-D200-C60-Z14** | ● | 200 | 14 | 60 | 65 | 6 | | | | | | |
| **AFM45CL-SN1206-D200-C60-Z14** | ● | 200 | 14 | 60 | 65 | 6 | | | | | | |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*

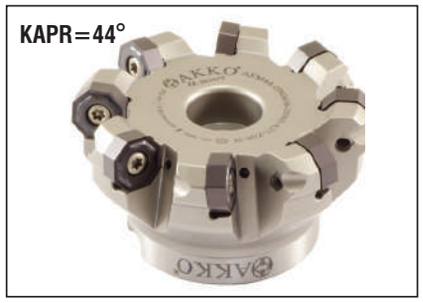
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

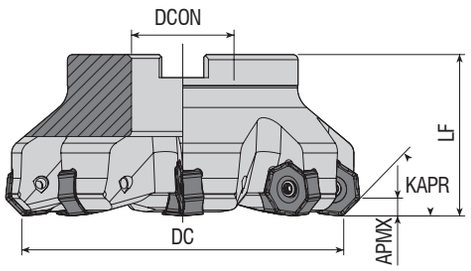
**PLBT** Ucuna Uygundur. / Compatible with **PLBT** Insert. / Kompatibel mit **PLBT** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AHFM-XN12-D32-W32-L150-Z02-H

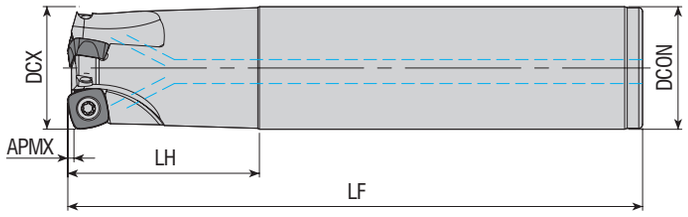
**PLBT** Ucuna Uygundur. / Compatible with **PLBT** Insert. / Kompatibel mit **PLBT** Wendeplatten.

**KAPR=44°**






| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| **AFM44-ON0606-D063-A22-Z05-H** | ● | 63 | 5 | 22 | 40 | 3.8 | **ONHX 0606..** | 4020-M4.5x12 | 80-T20 | 2407-M10x30 |
| **AFM44-ON0606-D063-A22-Z06-H** | ● | 63 | 6 | 22 | 40 | 3.8 | | | | |
| **AFM44-ON0606-D080-A27-Z08-H** | ● | 80 | 8 | 27 | 50 | 3.8 | | | | 2510-M12x35 |
| **AFM44-ON0606-D080-B27-Z06-H** | ● | 80 | 6 | 27 | 50 | 3.8 | | | | - |
| **AFM44-ON0606-D100-A32-Z10-H** | ● | 100 | 10 | 32 | 50 | 3.8 | | | | 2514-M16x35 |
| **AFM44-ON0606-D100-B32-Z07-H** | ● | 100 | 7 | 32 | 50 | 3.8 | | | | - |
| **AFM44-ON0606-D125-B40-Z08-H** | ● | 125 | 8 | 40 | 63 | 3.8 | | | | |

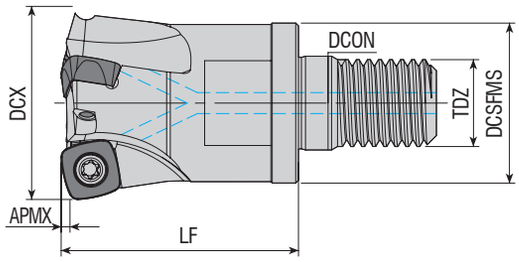



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | LH | APMX | | Sıkma Vidası *Screw* *Schraube* | Anahtar *Allen Key* Innensechskantschlüssel |
| **AHFM-SO0803P-D20-W20-L130-Z02-H** | ● | 20 | 2 | 20 | 130 | 50 | 1 | **SOEW 0803..** | 4010-M3x8 | 82-T10 |
| **AHFM-SO0803P-D20-W20-L190-Z02-H** | ● | 20 | 2 | 20 | 190 | 90 | 1 | | | |
| **AHFM-SO0803P-D25-W25-L140-Z03-H** | ● | 25 | 3 | 25 | 140 | 60 | 1 | | | |
| **AHFM-SO0803P-D25-W25-L200-Z03-H** | ● | 25 | 3 | 25 | 200 | 100 | 1 | | | |
| **AHFM-SO0803P-D32-W32-L150-Z04-H** | ● | 32 | 4 | 32 | 150 | 90 | 1 | | | |
| **AHFM-SO0803P-D32-W32-L200-Z04-H** | ● | 32 | 4 | 32 | 200 | 130 | 1 | | | |

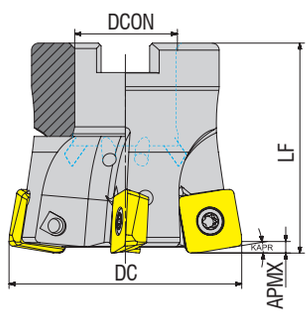
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**PLBT** Ucuna Uygundur. / Compatible with **PLBT** Insert. / Kompatibel mit **PLBT** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AFM44-ON0606-D063-A22-Z05-H
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*
Sıkma Tork Değeri : S 464 / *Tightening Torque : P 464* / *Anzugsmoment : P 464*

**PLBT** Ucuna Uygundur. / Compatible with **PLBT** Insert. / Kompatibel mit **PLBT** Wendeplatten.




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | DC SFMS | TDZ | LF | DCON | APMX | | | |
| **AHFM-SO0803P-D32-M16-L35-Z04-H** | ● | 32 | 4 | 29 | M16 | 35 | 17 | 1 | **SOEW 0803** | 4010-M3x8 | 82-T10 |
| **AHFM-SO0803P-D42-M16-L35-Z05-H** | ● | 42 | 5 | 29 | M16 | 35 | 17 | 1 | | | |

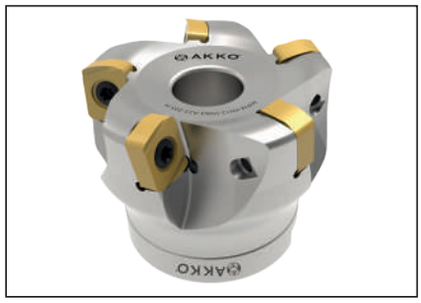


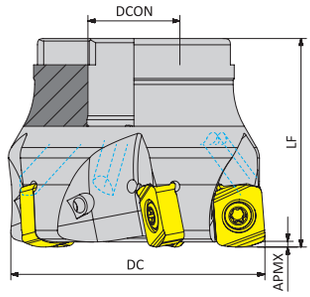

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | DCON | LF | APMX | | | | |
| **AHFM-SP13-D050-A22-Z04-H** | ● | 50 | 4 | 22 | 45 | 1.5 | **SP.. 1305..** | 4015-M4x11 | 80-T15 | 2508-M10X30 |
| **AHFM-SP13-D063-A27-Z05-H** | ● | 63 | 5 | 27 | 50 | 1.5 | | | | 2510-M12x35 |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● *Stokta / In Stock / Auf Lager* ○ *Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage*
**PLBT** Ucuna Uygundur. / Compatible with **PLBT** Insert. / Kompatibel mit **PLBT** Wendeplatten.

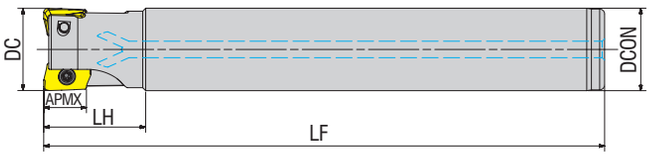
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AHFM-SO0803P-D32-M16-L35-Z04-H
Kesme Hesabı : S 465 / *Cutting Calculation : P 465 / Schnittberechnung : P 465*
*Montaj Ölçüleri : S 462 / Mounting Reference : P 462 / Montagehinweis : P 462*

**PLBT** Ucuna Uygundur. / Compatible with **PLBT** Insert. / Kompatibel mit **PLBT** Wendeplatten.






| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | | | |
| **AHFM-XN12-D050-A22-Z04-H** | ● | 50 | 4 | 22 | 50 | 1.5 | **XNKU 12..** | 4020-M4.5x12 | 2508-M10x30 | 80-T20 |
| **AHFM-XN12-D052-A22-Z04-H** | ● | 52 | 4 | 22 | 50 | 1.5 | | | | |
| **AHFM-XN12-D063-A22-Z05-H** | ● | 63 | 5 | 22 | 50 | 1.5 | | | | |
| **AHFM-XN12-D080-A27-Z06-H** | ● | 80 | 6 | 27 | 50 | 1.5 | | | 2510-M12x35 | |
| **AHFM-XN12-D100-A32-Z06-H** | ● | 100 | 6 | 32 | 50 | 1.5 | | | 2514-M16x35 | |




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | DCON | LF | LH | APMX | | | |
| **AEM90-AD06-D10-C10-L100-Z02-H** | ○ | 10 | 2 | 10 | 100 | 15 | 5 | **AD.. 0602..** | 3006-M2x3.6 | 82-T06 |
| **AEM90-AD06-D12-C12-L120-Z02-H** | ○ | 12 | 2 | 12 | 120 | 15 | 5 | | | |
| **AEM90-AD06-D16-C16-L160-Z03-H** | ○ | 16 | 3 | 16 | 160 | 20 | 5 | | | |
| **AEM90-AD10PR-D16-C15-L170-Z02-H** | ○ | 16 | 2 | 15 | 170 | 25 | 10 | **AD.. 1003..** | 3008-M2.5x6 | 82-T08 |
| **AEM90-AD10PR-D16-C16-L170-Z02-H** | ○ | 16 | 2 | 16 | 170 | 25 | 10 | | | |
| **AEM90-AD10PR-D20-C19-L170-Z03-H** | ○ | 20 | 3 | 19 | 170 | 25 | 10 | | | |
| **AEM90-AD10PR-D20-C20-L170-Z03-H** | ○ | 20 | 3 | 20 | 170 | 30 | 10 | | | |
| **AEM90-AD10PR-D25-C25-L200-Z03-H** | ○ | 25 | 3 | 25 | 200 | 30 | 10 | | | |
| **AEM90-AD13-D20-C20-L150-Z02-H** | ○ | 20 | 2 | 20 | 150 | 30 | 12 | **AD.. 1304..** | 3010-M3.5x7 | 82-T10 |
| **AEM90-AD13-D25-C25-L170-Z02-H** | ○ | 25 | 2 | 25 | 170 | 30 | 12 | | | |

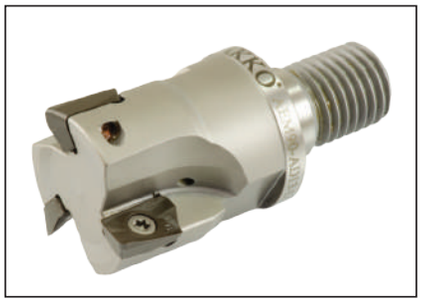
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*

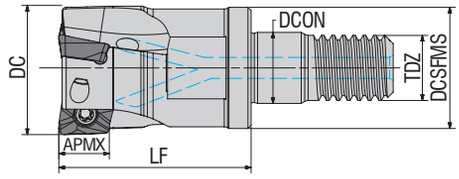
● *Stokta / In Stock / Auf Lager* ○ *Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage*

**PLBT** Ucuna Uygundur. / Compatible with **PLBT** Insert. / Kompatibel mit **PLBT** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AHFM-XN12-D050-A22-Z04-H
Kesme Hesabı : S 465 / *Cutting Calculation : P 465 / Schnittberechnung : P 465*
*Montaj Ölçüleri : S 462 / Mounting Reference : P 462 / Montagehinweis : P 462*

**PRMT** Ucuna Uygundur. / Compatible with **PRMT** Insert. / Kompatibel mit **PRMT** Wendeplatten.






| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | LH | APMX | | Sıkma Vidası *Screw* *Schraube* | Baskı Parçası *Wedge Clamp* *Spannpratze* | Baskı Vidası *Clamp Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| AEM90-AD06-D12-M06-L20-Z02-H | ○ | 12 | 2 | 6.5 | 20 | - | 5 | AD.. 0602.. | 3006-M2x3.6 | | | 82-T06 |
| AEM90-AD06-D16-M08-L23-Z03-H | ○ | 16 | 3 | 8.5 | 23 | - | 5 | | 3006-M2x3.6 | | | |
| AEM90-AD10PR-D16-M08-L23-Z02-H | ○ | 16 | 2 | 8.5 | 23 | - | 10 | AD.. 1003.. | 3008-M2.5x5 | | | 82-T08 |
| AEM90-AD10PR-D20-M10-L30-Z03-H | ○ | 20 | 3 | 10.5 | 30 | - | 10 | | 3008-M2.5x6 | | | |
| AEM90-AD10PR-D25-M12-L35-Z04-H | ○ | 25 | 4 | 12.5 | 35 | - | 10 | | 3008-M2.5x6 | | | |
| AEM90-AD10PR-D32-M16-L40-Z04-H | ○ | 32 | 4 | 17 | 40 | - | 10 | | 3008-M2.5x6 | | | |
| AEM90-AD10PR-D35-M16-L45-Z05-H | ○ | 35 | 5 | 17 | 45 | - | 10 | | 3008-M2.5x6 | - | - | |
| AEM90-AD13-D20-M10-L30-Z02-H | ○ | 20 | 2 | 10.5 | 30 | - | 12 | AD.. 1304.. | 3010-M3.5x7 | | | 82-T10 |
| AEM90-AD13-D25-M12-L35-Z03-H | ○ | 25 | 3 | 12.5 | 35 | - | 12 | | 3010-M3.5x7 | | | |
| AEM90-AD13-D32-M16-L40-Z03-H | ○ | 32 | 3 | 17 | 40 | - | 12 | | 3010-M3.5x7 | | | |
| AEM90-AD13-D35-M16-L45-Z04-H | ○ | 35 | 4 | 17 | 45 | - | 12 | | 3010-M3.5x7 | | | |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*

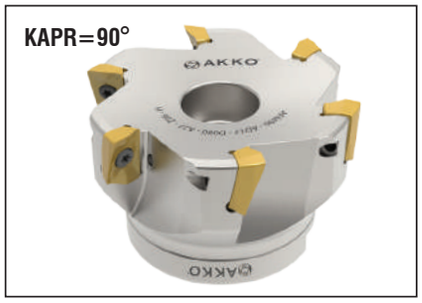
● *Stokta / In Stock / Auf Lager* ○ *Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage*

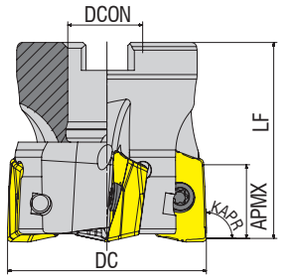
**PRMT** Ucuna Uygundur. / Compatible with **PRMT** Insert. / Kompatibel mit **PRMT** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AEM90-AD06-D12-M06-L20-Z02-H
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*
*Montaj Ölçüleri : S 462 / Mounting Reference : P 462 / Montagehinweis : P 462*

**PRMT** Ucuna Uygundur. / Compatible with **PRMT** Insert. / Kompatibel mit **PRMT** Wendeplatten.

**KAPR=90°**

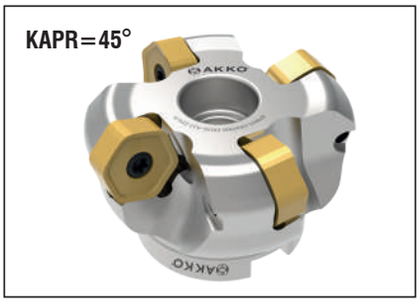


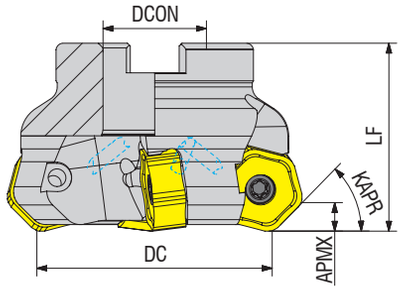



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| **AFM90-AD13-D040-A16-Z04-H** | ● | 40 | 4 | 16 | 40 | 12 | **AD.. 1304..** | 3010-M3.5x7 | 82-T10 | 2506-M8x30 |
| **AFM90-AD13-D050-A22-Z05-H** | ● | 50 | 5 | 22 | 40 | 12 | | | | 2508-M10x30 |
| **AFM90-AD13-D063-A22-Z06-H** | ● | 63 | 6 | 22 | 40 | 12 | | | | |
| **AFM90-AD13-D080-A27-Z07-H** | ● | 80 | 7 | 27 | 50 | 12 | | | | 2510-M12x35 |
| new **AFM90-AD16PR-D050-A22-Z05-H** | ● | 50 | 5 | 22 | 40 | 13 | **AD.. 1606..** | 4015-M4x8 | 82-T15 | 2508-M10x30 |
| new **AFM90-AD16PR-D063-A22-Z05-H** | ● | 63 | 5 | 22 | 40 | 13 | | 4015-M4x11 | | |
| **AFM90-AD16PR-D080-A27-Z07-H** | ● | 80 | 7 | 27 | 50 | 13 | | | | 2510-M12x35 |
| new **AFM90-AD16PR-D100-A32-Z07-H** | ● | 100 | 7 | 32 | 50 | 13 | | | | 2514-M16x35 |
| **AFM90-AD17-D040-A16-Z04-H** | ● | 40 | 4 | 16 | 40 | 16 | **AD.. 1706..** | 4015-M4x9 | 80-T15 | 2406-M8x30 |
| **AFM90-AD17-D050-A22-Z05-H** | ● | 50 | 5 | 22 | 40 | 16 | | | | 2508-M10x30 |
| **AFM90-AD17-D063-A22-Z05-H** | ● | 63 | 5 | 22 | 40 | 16 | | | | |
| **AFM90-AD17-D080-A27-Z06-H** | ● | 80 | 6 | 27 | 50 | 16 | | | | 2510-M12x35 |
| **AFM90-AD17-D100-A32-Z07-H** | ● | 100 | 7 | 32 | 50 | 16 | | | | 2514-M16x35 |

new

**KAPR=45°**



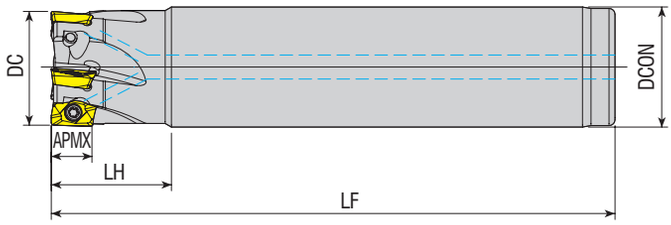



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| **AFM45-HN0906-D050-A22-Z04-H** | ● | 50 | 4 | 22 | 40 | 5 | **HN.. 0906..** | 4220-M4.5x10 | 2408-M10x30 | 80-T20 |
| **AFM45-HN0906-D063-A22-Z06-H** | ● | 63 | 6 | 22 | 40 | 5 | | | | |
| **AFM45-HN0906-D080-A27-Z08-H** | ● | 80 | 8 | 27 | 50 | 5 | | | 2510-M12x35 | |
| **AFM45-HN0906-D100-A32-Z10** | ● | 100 | 10 | 32 | 50 | 5 | | | | |
| **AFM45-HN0906-D125-B40-Z12** | ● | 125 | 12 | 40 | 63 | 5 | | | | |
| **AFM45-HN0906-D160-C40-Z14** | ● | 160 | 14 | 40 | 63 | 5 | | | - | |
| **AFM45-HN0906-D200-C60-Z10** | ● | 200 | 10 | 60 | 63 | 5 | | | | |

**PRMT** Ucuna Uygundur. / Compatible with **PRMT** Insert. / Kompatibel mit **PRMT** Wendeplatten.

**PRMT** Ucuna Uygundur. / Compatible with **PRMT** Insert. / Kompatibel mit **PRMT** Wendeplatten.

**KAPR=90°**



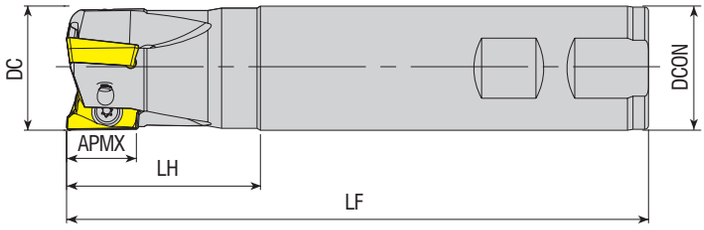

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | LH | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| AEM90-AD07-D10-C08-L90-Z02-H | ● | 10 | 2 | 8 | 90 | 16 | 6 | **ADMX 0702..** | 3006-M2x3.3 | 82-T06 |
| AEM90-AD07-D10-C10-L80-Z02-H | ● | 10 | 2 | 10 | 80 | 16 | 6 | | 3006-M2x3.1 | |
| AEM90-AD07-D12-C10-L80-Z03-H | ● | 12 | 3 | 10 | 80 | 18 | 6 | | 3006-M2x3.3 | |
| AEM90-AD07-D12-C12-L90-Z03-H | ● | 12 | 3 | 12 | 90 | 18 | 6 | | | |
| AEM90-AD07-D16-C16-L110-Z04-H | ● | 16 | 4 | 16 | 110 | 19 | 6 | | 3006-M2x3.6 | |
| AEM90-AD07-D20-C20-L125-Z05-H | ● | 20 | 5 | 20 | 125 | 20 | 6 | | 3006-M2x4 | |
| AEM90-AD07-D25-C25-L140-Z06-H | ● | 25 | 6 | 25 | 140 | 24 | 6 | | | |
| AEM90-AD11-D16-C16-L135-Z02-H | ● | 16 | 2 | 16 | 135 | 24 | 9 | **ADMX 11T3..** | 3008-M2.5x5 | 82-T08 |
| AEM90-AD11-D18-C16-L135-Z02-H | ● | 18 | 2 | 16 | 135 | 15 | 9 | | | |
| AEM90-AD11-D18-C16-L160-Z02-H | ● | 18 | 2 | 16 | 160 | 15 | 9 | | | |
| AEM90-AD11-D20-C20-L150-Z02-H | ● | 20 | 2 | 20 | 150 | 50 | 9 | | | |
| AEM90-AD11-D20-C20-L150-Z03-H | ● | 20 | 3 | 20 | 150 | 50 | 9 | | | |
| AEM90-AD11-D22-C20-L150-Z03-H | ● | 22 | 3 | 20 | 150 | 15 | 9 | | | |
| AEM90-AD11-D22-C20-L200-Z03-H | ● | 22 | 3 | 20 | 200 | 15 | 9 | | 3008-M2.5x6 | |
| AEM90-AD11-D25-C25-L170-Z03-H | ● | 25 | 3 | 25 | 170 | 50 | 9 | | | |
| AEM90-AD11-D25-C25-L170-Z04-H | ● | 25 | 4 | 25 | 170 | 50 | 9 | | | |
| AEM90-AD11-D28-C25-L165-Z04-H | ● | 28 | 4 | 25 | 165 | 17 | 9 | | | |
| AEM90-AD11-D28-C25-L200-Z04-H | ● | 28 | 4 | 25 | 200 | 17 | 9 | | | |
| AEM90-AD11-D30-C25-L165-Z04-H | ● | 30 | 4 | 25 | 165 | 19 | 9 | | | |
| AEM90-AD11-D30-C25-L200-Z04-H | ● | 30 | 4 | 25 | 200 | 19 | 9 | | | |
| AEM90-AD11-D32-C32-L195-Z05-H | ● | 32 | 5 | 32 | 195 | 50 | 9 | | | |

R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager*  ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**PRMT** Ucuna Uygundur. / Compatible with **PRMT** Insert. / Kompatibel mit **PRMT** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AEM90-AD07-D10-C08-L90-Z02-H
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*

**PRMT** Ucuna Uygundur. / Compatible with **PRMT** Insert. / Kompatibel mit **PRMT** Wendeplatten.

**KAPR=90°**




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | LH | APMX | | | |
| AEM90-RT07-D10-W10-L120-Z02 | ● | 10 | 2 | 10 | 120 | 30 | 7 | **RT 0702** | 3006-M2x4 | 82-T06 |
| AEM90-RT07-D12-C12-L120-Z02 | ● | 12 | 2 | 12 | 120 | 30 | 7 | | | |
| AEM90-RT07-D12-W12-L120-Z02 | ● | 12 | 2 | 12 | 120 | 30 | 7 | | | |
| AEM90-RT07-D14-W12-L120-Z02 | ● | 14 | 2 | 12 | 120 | 30 | 7 | | | |
| AEM90-RT10-D16-C15-L160-Z02 | ● | 16 | 2 | 15 | 160 | 30 | 10 | | | |
| AEM90-RT10-D16-W16-L120-Z02-H | ● | 16 | 2 | 16 | 120 | 30 | 10 | | | |
| AEM90-RT10-D16-W16-L150-Z02 | ● | 16 | 2 | 16 | 150 | 30 | 10 | | | |
| AEM90-RT10-D16-C16-L200-Z02 | ● | 16 | 2 | 16 | 200 | 100 | 10 | | | |
| AEM90-RT10-D17-W16-L160-Z02 | ● | 17 | 2 | 16 | 160 | 30 | 10 | | | |
| AEM90-RT10-D17-C16-L200-Z02 | ● | 17 | 2 | 16 | 200 | 30 | 10 | | | |
| AEM90-RT10-D18-W16-L120-Z02-H | ● | 18 | 2 | 16 | 120 | 30 | 10 | | | |
| AEM90-RT10-D20-C19-L200-Z03 | ● | 20 | 3 | 19 | 200 | 30 | 10 | | | |
| AEM90-RT10-D20-C20-L110-Z03 | ● | 20 | 3 | 20 | 110 | 30 | 10 | | | |
| AEM90-RT10-D20-W20-L120-Z03-H | ● | 20 | 3 | 20 | 120 | 30 | 10 | | | |
| AEM90-RT10-D20-W20-L150-Z03 | ● | 20 | 3 | 20 | 150 | 50 | 10 | | | |
| AEM90-RT10-D20-C20-L200-Z03 | ● | 20 | 3 | 20 | 200 | 100 | 10 | **RT 1003** | 3008-M2.5x6 | 82-T08 |
| AEM90-RT10-D21-W20-L200-Z03 | ● | 21 | 3 | 20 | 200 | 30 | 10 | | | |
| AEM90-RT10-D22-W20-L120-Z03-H | ● | 22 | 3 | 20 | 120 | 30 | 10 | | | |
| AEM90-RT10-D22-C20-L150-Z03 | ● | 22 | 3 | 20 | 150 | 30 | 10 | | | |
| AEM90-RT10-D22-C20-L200-Z03 | ● | 22 | 3 | 20 | 200 | 30 | 10 | | | |
| AEM90-RT10-D25-W25-L120-Z04-H | ● | 25 | 4 | 25 | 120 | 40 | 10 | | | |
| AEM90-RT10-D25-W25-L150-Z04 | ● | 25 | 4 | 25 | 150 | 50 | 10 | | | |
| AEM90-RT10-D25-C25-L200-Z04 | ● | 25 | 4 | 25 | 200 | 100 | 10 | | | |
| AEM90-RT10-D26-C25-L250-Z04 | ● | 26 | 4 | 25 | 250 | 32 | 10 | | | |
| AEM90-RT10-D32-W32-L120-Z05-H | ● | 32 | 5 | 32 | 120 | 50 | 10 | | | |
| AEM90-RT10-D32-W32-L150-Z05 | ● | 32 | 5 | 32 | 150 | 50 | 10 | | | |
| AEM90-RT10-D32-C32-L200-Z05 | ● | 32 | 5 | 32 | 200 | 100 | 10 | | | |
| AEM90-RT10-D33-C32-L250-Z04 | ● | 33 | 4 | 32 | 250 | 32 | 10 | | | |
| AEM90-RT13-D32-C32-L250-Z04 | ● | 32 | 4 | 32 | 250 | 50 | 13 | **RT 1304** | 3008-M3x8 | |
| AEM90-RT16-D25-W25-L120-Z02-H | ● | 25 | 2 | 25 | 120 | 40 | 16 | | | |
| AEM90-RT16-D25-W25-L150-Z02 | ● | 25 | 2 | 25 | 150 | 50 | 16 | | | |
| AEM90-RT16-D25-C25-L200-Z02 | ● | 25 | 2 | 25 | 200 | 100 | 16 | | | |
| AEM90-RT16-D32-W32-L120-Z03-H | ● | 32 | 3 | 32 | 120 | 50 | 16 | | | |
| AEM90-RT16-D32-W32-L150-Z03 | ● | 32 | 3 | 32 | 150 | 50 | 16 | | | |
| AEM90-RT16-D32-C32-L200-Z03 | ● | 32 | 3 | 32 | 200 | 100 | 16 | **RT 1606** | 4015-M4x9 | 80-T15 |
| AEM90-RT16-D32-C32-L250-Z03 | ● | 32 | 3 | 32 | 250 | 100 | 16 | | | |
| AEM90-RT16-D32-C32-L270-Z03 | ● | 32 | 3 | 32 | 270 | 100 | 16 | | | |
| AEM90-RT16-D40-W32-L120-Z04-H | ● | 40 | 4 | 32 | 120 | 50 | 16 | | | |
| AEM90-RT16-D40-W32-L150-Z04 | ● | 40 | 4 | 32 | 150 | 50 | 16 | | 4015-M4x11 | |
| AEM90-RT16-D40-C32-L200-Z04 | ● | 40 | 4 | 32 | 200 | 100 | 16 | | | |

R: Sağ / Right / *Rechts*/ L: Sol / Left / *Links*

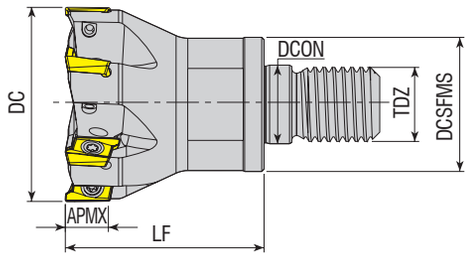
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

**PRMT** Ucuna Uygundur. / Compatible with **PRMT** Insert. / Kompatibel mit **PRMT** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AEM90-RT07-D10-W10-L120-Z02
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*

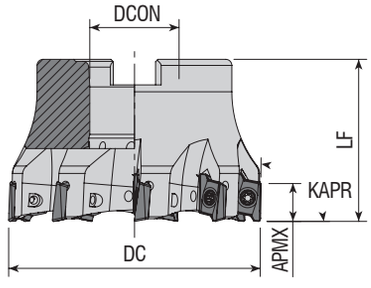
**PRMT** Ucuna Uygundur. / Compatible with **PRMT** Insert. / Kompatibel mit **PRMT** Wendeplatten.

**KAPR=90°**




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCSFMS | TDZ | LF | DCON | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| AEM90-RT07-D13-M06-L20-Z02-H | ● | 13 | 2 | 11 | M06 | 20 | 6.5 | 7 | **RT 0702..** | 3006-M2x4 | 82-T06 |
| AEM90-RT10-D16-M08-L20-Z02-H | ● | 16 | 2 | 14.75 | M08 | 20 | 8.5 | 10 | **RT 1003..** | 3008-M2.5x6 | 82-T08 |
| AEM90-RT10-D17-M08-L20-Z02-H | ● | 17 | 2 | 14.75 | M08 | 20 | 8.5 | 7 | | | |
| AEM90-RT10-D20-M10-L25-Z03-H | ● | 20 | 3 | 18 | M10 | 25 | 10.5 | 10 | | | |
| AEM90-RT10-D21-M10-L25-Z03-H | ● | 21 | 3 | 18 | M10 | 25 | 10.5 | 10 | | | |
| AEM90-RT10-D26-M12-L35-Z03-H | ● | 26 | 3 | 21 | M12 | 35 | 12.5 | 10 | | | |
| AEM90-RT10-D26-M12-L35-Z04-H | ● | 26 | 4 | 21 | M12 | 35 | 12.5 | 10 | | | |
| AEM90-RT10-D25-M12-L30-Z04-H | ● | 25 | 4 | 21 | M12 | 30 | 12.5 | 10 | | | |
| AEM90-RT10-D32-M16-L43-Z05-H | ● | 32 | 5 | 29 | M16 | 43 | 17 | 10 | | | |
| AEM90-RT10-D42-M16-L43-Z06-H | ● | 42 | 6 | 29 | M16 | 43 | 17 | 10 | | | |

**KAPR=90°**




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| AFM90-RT10-D040-A16-Z06-H | ● | 40 | 6 | 16 | 40 | 10 | **RT 1003** | 3008-M2.5x6 | 82-T08 | 2506-M8x30 |
| AFM90-RT10-D050-A22-Z07-H | ● | 50 | 7 | 22 | 40 | 10 | | | | 2407-M10x30 |
| AFM90-RT10-D063-A22-Z09-H | ● | 63 | 9 | 22 | 40 | 10 | | | | |
| AFM90-RT16-D040-A16-Z04-H | ● | 40 | 4 | 16 | 40 | 16 | **RT 1606** | 4015-M4x11 | 80-T15 | 2506-M8x30 |
| AFM90-RT16-D063-A22-Z06-H | ● | 63 | 6 | 22 | 40 | 16 | | | | 2508-M10x30 |
| AFM90-RT16-D080-A27-Z07-H | ● | 80 | 7 | 27 | 50 | 16 | | | | 2510-M12x35 |
| AFM90-RT16-D125-B40-Z09 | ● | 125 | 9 | 40 | 63 | 16 | | | | - |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*

● *Stokta / In Stock / Auf Lager* ○ *Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage*

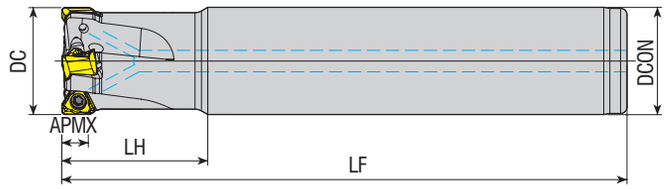
**PRMT** Ucuna Uygundur. / Compatible with **PRMT** Insert. / Kompatibel mit **PRMT** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AEM90-RT07-D13-M06-L20-Z02-H

Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*
Montaj Ölçüleri : S 462 / *Mounting Reference : P 462* / *Montagehinweis : P 462*

**PRMT** Ucuna Uygundur. / Compatible with **PRMT** Insert. / Kompatibel mit **PRMT** Wendeplatten.

**KAPR=90°**




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | LH | APMX | | | |
| AEM90-TNG10-D20-W20-L90-Z02-H | ● | 20 | 2 | 20 | 90 | 32 | 5 | **TNGX 1004..** | 3008-M2.5x6 | 82-T08 |
| AEM90-TNG10-D20-W20-L90-Z03-H | ● | 20 | 3 | 20 | 90 | 32 | 5 | | | |
| AEM90-TNG10-D20-C20-L125-Z02-H | ● | 20 | 2 | 20 | 125 | 29 | 5 | | | |
| AEM90-TNG10-D20-C20-L125-Z03-H | ● | 20 | 3 | 20 | 125 | 29 | 5 | | | |
| AEM90-TNG10-D20-C20-L150-Z03-H | ● | 20 | 3 | 20 | 150 | 50 | 5 | | | |
| AEM90-TNG10-D21-C20-L200-Z03-H | ● | 21 | 3 | 20 | 200 | 30 | 5 | | | |
| AEM90-TNG10-D25-C25-L150-Z03-H | ● | 25 | 3 | 25 | 100 | 42 | 5 | | | |
| AEM90-TNG10-D25-W25-L100-Z03-H | ● | 25 | 4 | 25 | 100 | 42 | 5 | | | |
| AEM90-TNG10-D25-W25-L100-Z04-H | ● | 25 | 3 | 25 | 150 | 34 | 5 | | | |
| AEM90-TNG10-D25-C25-L150-Z04-H | ● | 25 | 4 | 25 | 150 | 34 | 5 | | | |
| AEM90-TNG10-D25-C25-L170-Z04-H | ● | 25 | 4 | 25 | 170 | 50 | 5 | | | |
| AEM90-TNG10-D26-C25-L250-Z04-H | ● | 26 | 4 | 25 | 250 | 35 | 5 | | | |
| AEM90-TNG10-D28-W25-L100-Z04-H | ● | 28 | 4 | 25 | 100 | 29 | 5 | | | |
| AEM90-TNG10-D32-W32-L110-Z04-H | ● | 32 | 4 | 32 | 110 | 42 | 5 | | | |
| AEM90-TNG10-D32-W32-L110-Z05-H | ● | 32 | 5 | 32 | 110 | 42 | 5 | | | |
| AEM90-TNG10-D32-C32-L170-Z04-H | ● | 32 | 4 | 32 | 170 | 37 | 5 | | | |
| AEM90-TNG10-D32-C32-L170-Z05-H | ● | 32 | 5 | 32 | 170 | 37 | 5 | | | |
| AEM90-TNG10-D33-C32-L250-Z05-H | ● | 33 | 5 | 32 | 250 | 35 | 5 | | | |
| AEM90-TNG16-D25-C25-L170-Z02-H | ● | 25 | 2 | 25 | 170 | 34 | 10 | **TNGX 1606..** | 3015-M4x11 | 80-T15 |
| AEM90-TNG16-D25-C25-L170-Z02-H-80 | ● | 25 | 2 | 25 | 170 | 80 | 10 | | | |
| AEM90-TNG16-D25-W25-L110-Z02-H | ● | 25 | 2 | 25 | 110 | 42 | 10 | | | |
| AEM90-TNG16-D32-C25-L195-Z02-H | ● | 32 | 2 | 25 | 195 | 34 | 10 | | | |
| AEM90-TNG16-D32-C25-L195-Z03-H | ● | 32 | 3 | 25 | 195 | 34 | 10 | | | |
| AEM90-TNG16-D32-C32-L195-Z02-H | ● | 32 | 2 | 32 | 195 | 34 | 10 | | | |
| AEM90-TNG16-D32-C32-L195-Z02-H-80 | ● | 32 | 2 | 32 | 195 | 80 | 10 | | | |
| AEM90-TNG16-D32-C32-L195-Z03-H | ● | 32 | 3 | 32 | 195 | 34 | 10 | | | |
| AEM90-TNG16-D32-W32-L110-Z03-H | ● | 32 | 3 | 32 | 110 | 42 | 10 | | | |
| AEM90-TNG16-D35-C32-L195-Z04-H | ● | 35 | 4 | 32 | 195 | 34 | 10 | | | |
| AEM90-TNG16-D40-W32-L120-Z04-H | ● | 40 | 4 | 32 | 120 | 50 | 10 | | | |

R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*

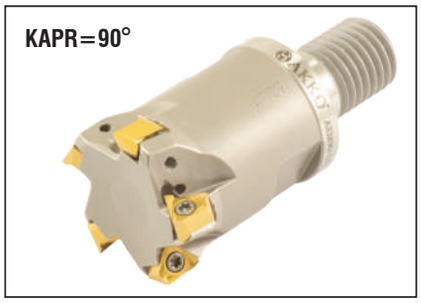
● Stokta / In Stock / *Auf Lager*  ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

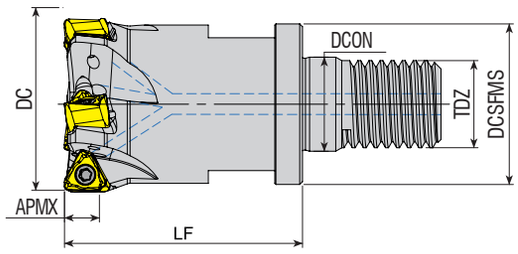
**PRMT** Ucuna Uygundur. / Compatible with **PRMT** Insert. / Kompatibel mit **PRMT** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AEM90-TNG10-D20-W20-L90-Z02-H

Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*

**PRMT** Ucuna Uygundur. / Compatible with **PRMT** Insert. / Kompatibel mit **PRMT** Wendeplatten.



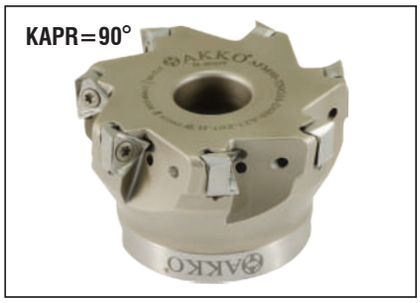

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCSFMS | TDZ | LF | DCON | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| **AEM90-TNG10-D20-M10-L26-Z02-H** | ● | 20 | 2 | 18 | M10 | 26 | 10.5 | 5 | **TNGX 1004..** | 3008-M2.5x6 | 82-T08 |
| **AEM90-TNG10-D20-M10-L26-Z03-H** | ● | 20 | 3 | 18 | M10 | 26 | 10.5 | 5 | | | |
| **AEM90-TNG10-D21-M10-L25-Z03-H** | ● | 21 | 3 | 18 | M10 | 25 | 10.5 | 5 | | | |
| **AEM90-TNG10-D25-M12-L33-Z03-H** | ● | 25 | 3 | 21 | M12 | 33 | 12.5 | 5 | | | |
| **AEM90-TNG10-D25-M12-L33-Z04-H** | ● | 25 | 4 | 21 | M12 | 33 | 12.5 | 5 | | | |
| **AEM90-TNG10-D26-M12-L30-Z04-H** | ● | 26 | 4 | 21 | M12 | 30 | 12.5 | 5 | | | |
| **AEM90-TNG10-D32-M16-L43-Z04-H** | ● | 32 | 4 | 29 | M16 | 43 | 17 | 5 | | | |
| **AEM90-TNG10-D32-M16-L43-Z05-H** | ● | 32 | 5 | 29 | M16 | 43 | 17 | 5 | | | |
| **AEM90-TNG10-D33-M16-L43-Z05-H** | ● | 33 | 5 | 29 | M16 | 43 | 17 | 5 | | | |
| **AEM90-TNG10-D35-M16-L43-Z05-H** | ● | 35 | 5 | 29 | M16 | 43 | 17 | 5 | | | |

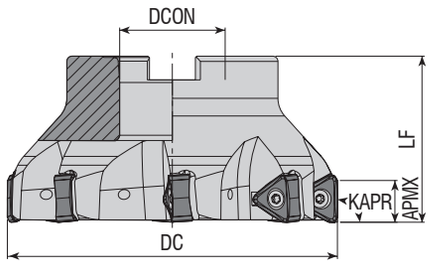
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**PRMT** Ucuna Uygundur. / Compatible with **PRMT** Insert. / Kompatibel mit **PRMT** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AEM90-TNG10-D20-M10-L26-Z02-H
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*

**PRMT** Ucuna Uygundur. / Compatible with **PRMT** Insert. / Kompatibel mit **PRMT** Wendeplatten.

**KAPR=90°**






| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| | | DC | ZEFP | DCON | LF | APMX | | | | |
| AFM90-TNG10-D040-A16-Z04-H | ● | 40 | 4 | 16 | 40 | 5 | **TNGX 1004..** | 3008-M2.5x6 | 82-T08 | 2506-M8x30 |
| AFM90-TNG10-D040-A16-Z06-H | ○ | 40 | 6 | 16 | 40 | 5 | | | | |
| AFM90-TNG10-D050-A22-Z05-H | ○ | 50 | 5 | 22 | 40 | 5 | | | | 2508-M10X30 |
| AFM90-TNG10-D050-A22-Z07-H | ○ | 50 | 7 | 22 | 40 | 5 | | | | |
| AFM90-TNG10-D063-A22-Z06-H | ○ | 63 | 6 | 22 | 40 | 5 | | | | |
| AFM90-TNG10-D063-A22-Z09-H | ○ | 63 | 9 | 22 | 40 | 5 | | | | |
| AFM90-TNG10-D080-A27-Z10-H | ○ | 80 | 10 | 27 | 50 | 5 | | | | 2510-M12X35 |
| AFM90-TNG16-D040-A16-Z03-H | ○ | 40 | 3 | 16 | 40 | 10 | **TNGX 1606..** | 3015-M4x11 | 80-T15 | |
| AFM90-TNG16-D040-A16-Z04-H | ○ | 40 | 4 | 16 | 40 | 10 | | | | |
| AFM90-TNG16-D050-A22-Z04-H | ○ | 50 | 4 | 22 | 40 | 10 | | | | |
| AFM90-TNG16-D050-A22-Z05-H | ○ | 50 | 5 | 22 | 40 | 10 | | | | 2406-M8X30 |
| AFM90-TNG16-D063-A22-Z04-H | ○ | 63 | 4 | 22 | 40 | 10 | | | | |
| AFM90-TNG16-D063-A22-Z06-H | ○ | 63 | 6 | 22 | 40 | 10 | | | | |
| AFM90-TNG16-D080-A27-Z05-H | ○ | 80 | 5 | 27 | 50 | 10 | | | | 2508-M10X30 |
| AFM90-TNG16-D080-A27-Z07-H | ● | 80 | 7 | 27 | 50 | 10 | | | | 2510-M12x35 |
| AFM90-TNG16-D100-A32-Z06-H | ○ | 100 | 6 | 32 | 50 | 10 | | | | |
| AFM90-TNG16-D100-A32-Z08-H | ○ | 100 | 8 | 32 | 50 | 10 | | | | 2510-M12X35 |
| AFM90-TNG16-D115-A32-Z06-H | ○ | 115 | 6 | 32 | 50 | 10 | | | | |
| AFM90-TNG16-D125-A40-Z07-H | ○ | 125 | 7 | 40 | 63 | 10 | | | | 2514-M16X35 |
| AFM90-TNG16-D125-A40-Z09-H | ○ | 125 | 9 | 40 | 63 | 10 | | | | |
| AFM90-TNG16-D140-B40-Z08-H | ○ | 140 | 8 | 40 | 63 | 10 | | | | |
| AFM90-TNG16-D160-C40-Z10-H | ○ | 160 | 10 | 40 | 63 | 10 | | | | - |
| AFM90-TNG16-D175-C40-Z10-H | ○ | 175 | 10 | 40 | 63 | 10 | | | | |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*

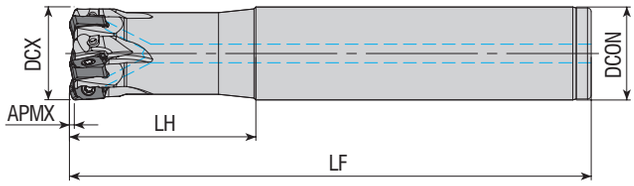
● *Stokta / In Stock / Auf Lager* ○ *Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage*

**PRMT** Ucuna Uygundur. / Compatible with **PRMT** Insert. / Kompatibel mit **PRMT** Wendeplatten.

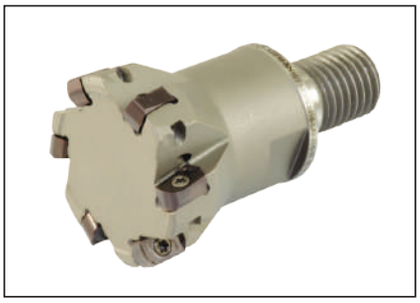
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AFM90-TNG10-D040-A16-Z04-H

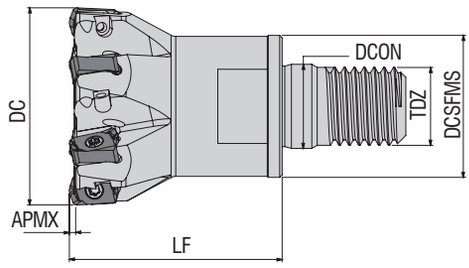
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*

**PRMT** Ucuna Uygundur. / Compatible with **PRMT** Insert. / Kompatibel mit **PRMT** Wendeplatten.




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | DCON | LF | LH | APMX | | | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| **AHFM-BN10T3-D16-C16-L100-Z02-H** | ● | 16 | 2 | 16 | 100 | 30 | 1 | **BNGX 10T3..** | 3008-M2.5x6 | 82-T08 |
| **AHFM-BN10T3-D16-C16-L150-Z02-H** | ● | 16 | 2 | 16 | 150 | 50 | 1 | | | |
| **AHFM-BN10T3-D20-C20-L130-Z03-H** | ● | 20 | 3 | 20 | 130 | 40 | 1 | | | |
| **AHFM-BN10T3-D20-C20-L130-Z04-H** | ● | 20 | 4 | 20 | 130 | 40 | 1 | | | |
| **AHFM-BN10T3-D20-C20-L160-Z03-H** | ● | 20 | 3 | 20 | 160 | 80 | 1 | | | |
| **AHFM-BN10T3-D25-C25-L140-Z04-H** | ● | 25 | 4 | 25 | 140 | 50 | 1 | | | |
| **AHFM-BN10T3-D25-W25-L140-Z04-H** | ● | 25 | 4 | 25 | 140 | 50 | 1 | | | |
| **AHFM-BN10T3-D25-C25-L140-Z05-H** | ● | 25 | 5 | 25 | 140 | 50 | 1 | | | |
| **AHFM-BN10T3-D25-C25-L180-Z04-H** | ● | 25 | 4 | 25 | 180 | 100 | 1 | | | |
| **AHFM-BN10T3-D32-C32-L150-Z05-H** | ● | 32 | 5 | 32 | 150 | 70 | 1 | | | |
| **AHFM-BN10T3-D32-C32-L150-Z06-H** | ● | 32 | 6 | 32 | 150 | 70 | 1 | | | |
| **AHFM-BN10T3-D35-C32-L200-Z06-H** | ● | 35 | 6 | 32 | 200 | 50 | 1 | | | |



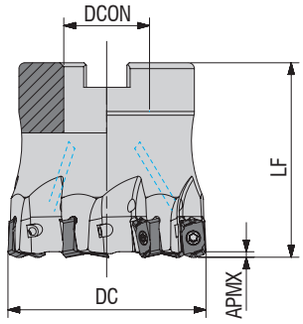



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | DCSFMS | TDZ | LF | DCON | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| **AHFM-BN10T3-D16-M08-L25-Z02-H** | ● | 16 | 2 | 14.75 | M08 | 25 | 8.5 | 1 | **BNGX 10T3..** | 3008-M2.5x6 | 82-T08 |
| **AHFM-BN10T3-D20-M10-L30-Z04-H** | ● | 20 | 4 | 18 | M10 | 30 | 10.5 | 1 | | | |
| **AHFM-BN10T3-D25-M12-L33-Z05-H** | ● | 25 | 5 | 20.7 | M12 | 33 | 12.5 | 1 | | | |
| **AHFM-BN10T3-D32-M16-L40-Z06-H** | ● | 32 | 6 | 28.7 | M16 | 40 | 17 | 1 | | | |
| **AHFM-BN10T3-D40-M16-L43-Z06-H** | ● | 40 | 6 | 28.7 | M16 | 43 | 17 | 1 | | | |

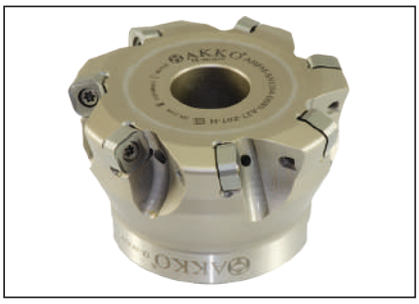
R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager*  ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**PRMT** Ucuna Uygundur. / Compatible with **PRMT** Insert. / Kompatibel mit **PRMT** Wendeplatten.

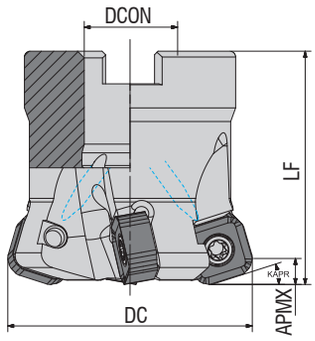
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AHFM-BN10T3-D16-C16-L100-Z02-H
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*

**PRMT** Ucuna Uygundur. / Compatible with **PRMT** Insert. / Kompatibel mit **PRMT** Wendeplatten.




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | |
| **AHFM-BN10T3-D040-A16-Z05-H** | ● | 40 | 5 | 16 | 40 | 1 | **BNGX 10T3..** | 3008-M2.5x6 | 82-T08 | 2506-M8x30 |
| **AHFM-BN10T3-D042-A16-Z05-H** | ● | 42 | 5 | 16 | 40 | 1 | | | | |
| **AHFM-BN10T3-D050-A22-Z07-H** | ● | 50 | 7 | 22 | 50 | 1 | | | | 2508-M10x30 |
| **AHFM-BN10T3-D052-A22-Z07-H** | ● | 52 | 7 | 22 | 50 | 1 | | | | |






| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| **AHFM-SN1104-D042-A16-Z04-H** | ● | 42 | 4 | 16 | 40 | 1.7 | **SN.. 1104..** | 1715-M4x11 | 80-T15 | 2406-M8x30 |
| **AHFM-SN1104-D050-A22-Z05-H** | ● | 50 | 5 | 22 | 40 | 1.7 | | | | |
| **AHFM-SN1104-D050-A22-Z06-H** | ● | 50 | 6 | 22 | 40 | 1.7 | | | | |
| **AHFM-SN1104-D052-A22-Z05-H** | ● | 52 | 5 | 22 | 40 | 1.7 | | | | 2508-M10x30 |
| **AHFM-SN1104-D052-A22-Z06-H** | ● | 52 | 6 | 22 | 40 | 1.7 | | | | |
| **AHFM-SN1104-D063-A22-Z06-H** | ● | 63 | 6 | 22 | 40 | 1.7 | | | | |
| **AHFM-SN1104-D066-A27-Z06-H** | ● | 66 | 6 | 27 | 50 | 1.7 | | | | |
| **AHFM-SN1104-D080-A27-Z07-H** | ● | 80 | 7 | 27 | 50 | 1.7 | | | | 2510-M12x35 |
| **AHFM-SN1104-D080-A27-Z09-H** | ● | 80 | 9 | 27 | 50 | 1.7 | | | | |
| **AHFM-SN1104-D100-A32-Z08-H** | ● | 100 | 8 | 32 | 50 | 1.7 | | | | 2514-M16x35 |
| **AHFM-SN1104-D125-B40-Z08-H** | ● | 125 | 8 | 40 | 63 | 1.7 | | | | - |

R: Sağ / Right / *Rechts*/ L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

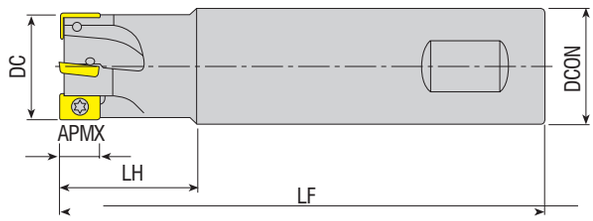
**PRMT** Ucuna Uygundur. / Compatible with **PRMT** Insert. / Kompatibel mit **PRMT** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AHFM-BN10T3-D040-A16-Z05-H

Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*

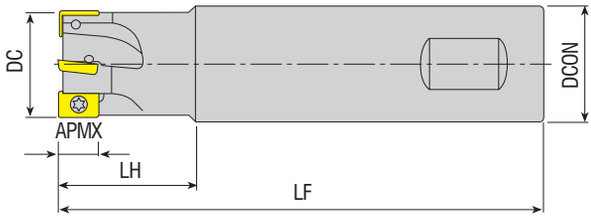
**SC** Ucuna Uygundur. / Compatible with **SC** Insert. / Kompatibel mit **SC** Wendeplatten.

**KAPR=90°**




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | LH | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| **AEM90-XC13-D20-W20-L150-Z02** | ● | 20 | 2 | 20 | 150 | 60 | 13 | **XCKX 13T3..** | 3008-M3x6 | 82-T08 |
| **AEM90-XC13-D25-W25-L150-Z03** | ● | 25 | 3 | 25 | 150 | 60 | 13 | | 3008-M3x8 | |
| **AEM90-XC13-D32-W32-L150-Z04** | ● | 32 | 4 | 32 | 150 | 60 | 13 | | | |

**KAPR=90°**



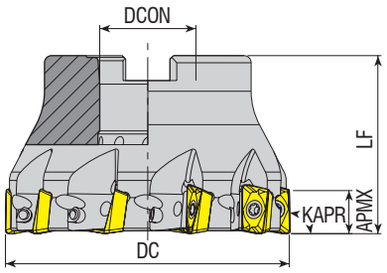

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | LH | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| **AEM90-XO06-D10-C10-L100-Z02-H** | ● | 10 | 2 | 10 | 100 | 15 | 5 | **XO.. 0602..** | 3006-M1.8x4 | 82-T06 |
| **AEM90-XO06-D10-C12-L120-Z02** | ● | 10 | 2 | 12 | 120 | 50 | 5 | | | |
| **AEM90-XO06-D12-C12-L120-Z02** | ● | 12 | 2 | 12 | 120 | 25 | 5 | | | |
| **AEM90-XO06-D12-C12-L120-Z02-H** | ● | 12 | 2 | 12 | 120 | 15 | 5 | | | |
| **AEM90-XO09-D16-W16-L150-Z02** | ● | 16 | 2 | 16 | 150 | 50 | 8 | **XO.. 0903..** | 3008-M2.5x5 | 82-T08 |
| **AEM90-XO09-D20-W20-L150-Z03** | ● | 20 | 3 | 20 | 150 | 50 | 8 | | | |
| **AEM90-XO09-D16-C16-L170-Z02-H** | ● | 16 | 2 | 16 | 170 | 50 | 8 | | | |
| **AEM90-XO09-D20-C20-L170-Z03-H** | ● | 20 | 3 | 20 | 170 | 30 | 8 | | | |
| **AEM90-XO10-D20-C19-L170-Z03-H** | ● | 20 | 3 | 19 | 170 | 30 | 9 | **XO.. 10T3..** | 3008-M2.5x6 | |
| **AEM90-XO10-D20-C20-L170-Z03-H** | ● | 20 | 3 | 20 | 170 | 50 | 9 | | | |
| **AEM90-XO12-D20-W20-L150-Z02** | ● | 20 | 2 | 20 | 150 | 50 | 11 | **XO.. 1204..** | 3010-M3.5x7 | 82-T10 |
| **AEM90-XO12-D20-C20-L200-Z02** | ● | 20 | 2 | 20 | 200 | 100 | 11 | | | |
| **AEM90-XO12-D22-W20-L150-Z02** | ● | 22 | 2 | 20 | 150 | 30 | 11 | | | |
| **AEM90-XO12-D25-W25-L150-Z03** | ● | 25 | 3 | 25 | 150 | 50 | 11 | | | |
| **AEM90-XO12-D25-C25-L170-Z03-H** | ● | 25 | 3 | 25 | 170 | 100 | 11 | | | |
| **AEM90-XO12-D25-C25-L200-Z03** | ● | 25 | 3 | 25 | 200 | 100 | 11 | | | |
| **AEM90-XO12-D32-C25-L150-Z04** | ● | 32 | 4 | 25 | 150 | 40 | 11 | | | |
| **AEM90-XO12-D32-W32-L150-Z04** | ● | 32 | 4 | 32 | 150 | 50 | 11 | | | |
| **AEM90-XO12-D32-C32-L250-Z04** | ● | 32 | 4 | 32 | 250 | 100 | 11 | | | |

R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager*  ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**SC** Ucuna Uygundur. / Compatible with **SC** Insert. / Kompatibel mit **SC** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AEM90-XC13-D20-W20-L150-Z02
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*

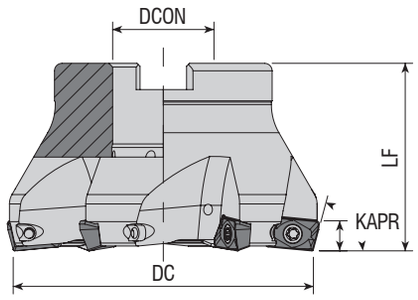
**SC** Ucuna Uygundur. / Compatible with **SC** Insert. / Kompatibel mit **SC** Wendeplatten.

**KAPR=90°**




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| **AFM90-XO12-D040-A16-Z05-H** | ● | 40 | 5 | 16 | 40 | 11 | **XO.. 1204..** | 3010-M3.5x9 | 82-T10 | 2506-M8x30 |
| **AFM90-XO12-D050-A22-Z07-H** | ● | 50 | 7 | 22 | 40 | 11 | | | | 2508-M10x30 |
| **AFM90-XO12-D063-A22-Z08-H** | ● | 63 | 8 | 22 | 40 | 11 | | | | |
| **AFM90-XO12-D080-A27-Z10-H** | ● | 80 | 10 | 27 | 50 | 11 | | | | 2510-M12x35 |
| **AFM90-XO12-D100-A32-Z12-H** | ● | 100 | 12 | 32 | 50 | 11 | | | | 2514-M16x35 |

**KAPR=75°**




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| **AFM75-XO12-D050-A22-Z04-H** | ● | 50 | 4 | 22 | 40 | - | **XO.. 1204..** | 3010-M3.5x9 | 82-T10 | 2508-M10x30 |
| **AFM75-XO12-D063-A22-Z05-H** | ● | 63 | 5 | 22 | 40 | - | | | | |
| **AFM75-XO12-D080-A27-Z06-H** | ● | 80 | 6 | 27 | 50 | - | | | | 2510-M12x35 |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*

● *Stokta / In Stock / Auf Lager* ○ *Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage*

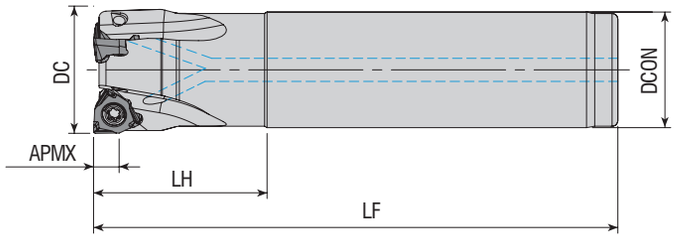
**SC** Ucuna Uygundur. / Compatible with **SC** Insert. / Kompatibel mit **SC** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AFM90-XO12-D040-A16-Z05-H

Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*
Montaj Ölçüleri : S 462 / *Mounting Reference : P 462* / *Montagehinweis : P 462*

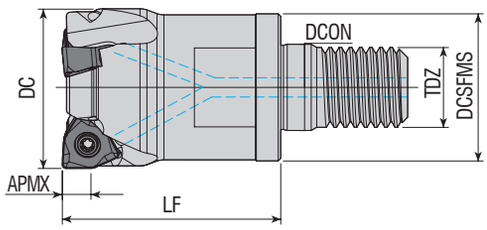
**SC** Ucuna Uygundur. / Compatible with **SC** Insert. / Kompatibel mit **SC** Wendeplatten.

**KAPR=90°**




| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* | | | | | | Kesici Uç / *Insert* / *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | LH | APMX | | Sıkma Vidası / *Screw* / *Schraube* | Tork Anahtar / *Torx Key* / *Torx-Schlüssel* |
| AEM90-XN0403-D16-C16-L100-Z01-H | ● | 16 | 1 | 16 | 100 | 30 | 4 | **XNEX 0403..** | 3008-M2.5x6 | 82-T08 |
| new AEM90-XN0403-D20-W20-L150-Z03-H | ● | 20 | 3 | 20 | 150 | 50 | 4 | | | |
| AEM90-XN0403-D22-C20-L110-Z03-H | ● | 22 | 3 | 20 | 110 | 30 | 4 | | 4015-M4x11 | 80-T15 |
| new AEM90-XN0403-D25-W25-L150-Z04-H | ● | 25 | 4 | 25 | 150 | 50 | 4 | | 3008-M2.5x6 | |
| AEM90-XN0806-D32-C32-L110-Z02-H | ● | 32 | 2 | 32 | 110 | 40 | 7.5 | **XNEX 0806..** | 4015-M4x11 | 82-T08 |

**KAPR=90°**



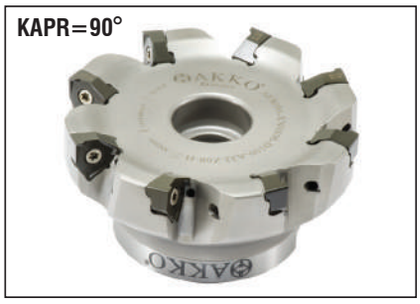

| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* | | | | | | | Kesici Uç / *Insert* / *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCSFMS | TDZ | LF | DCON | APMX | | Sıkma Vidası / *Screw* / *Schraube* | Tork Anahtar / *Torx Key* / *Torx-Schlüssel* |
| new AEM90-XN0403-D21-M10-L32-Z03-H | ● | 21 | 3 | 18 | M10 | 32 | 10.5 | 4 | **XNEX 0403..** | 3008-M2.5x6 | 82-T08 |
| new AEM90-XN0403-D26-M12-L38-Z04-H | ● | 26 | 4 | 21 | M12 | 38 | 13 | 4 | | | |
| AEM90-XN0403-D32-M16-L43-Z05-H | ○ | 32 | 5 | 29 | M16 | 43 | 17 | 4 | | | |
| AEM90-XN0403-D42-M16-L43-Z06-H | ○ | 42 | 6 | 29 | M16 | 43 | 17 | 4 | | | |

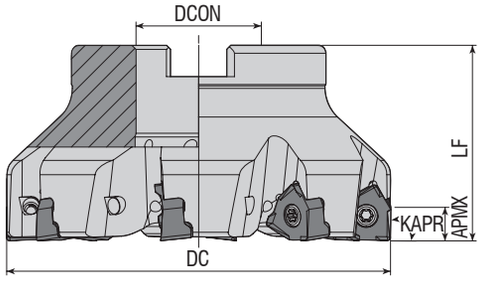
R: Sağ / Right / *Rechts*/ L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**SC** Ucuna Uygundur. / Compatible with **SC** Insert. / Kompatibel mit **SC** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AEM90-XN0403-D16-C16-L100-Z01-H
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*

**SC** Ucuna Uygundur. / Compatible with **SC** Insert. / Kompatibel mit **SC** Wendeplatten.

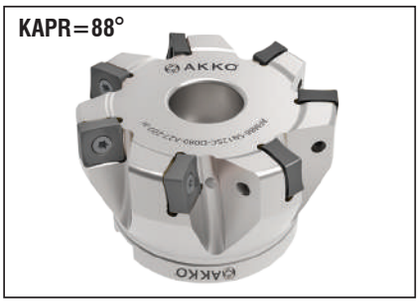
**KAPR=90°**

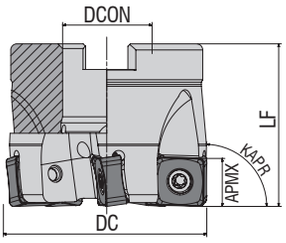





| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| **AFM90-XN0403-D040-A16-Z05-H** | ● | 40 | 5 | 16 | 40 | 4 | **XNEX 0403..** | 3008-M2.5x6 | 82-T08 | 2506-M8x30 |
| **AFM90-XN0806-D050-A22-Z04-H** | ● | 50 | 4 | 22 | 40 | 7.5 | **XNEX 0806..** | 4015-M4x11 | 80-T15 | 2508-M10x30 |
| **AFM90-XN0806-D050-A22-Z05-H** | ● | 50 | 5 | 22 | 40 | 7.5 | | | | 2408-M10x30 |
| **AFM90-XN0806-D063-A22-Z05-H** | ● | 63 | 5 | 22 | 40 | 7.5 | | | | 2508-M10x30 |
| **AFM90-XN0806-D080-A27-Z07-H** | ● | 80 | 7 | 27 | 50 | 7.5 | | | | 2510-M12x35 |
| **AFM90-XN0806-D100-A32-Z08-H** | ● | 100 | 8 | 32 | 50 | 7.5 | | | | 2514-M16x35 |
| new **AFM90-XN0806-D125-B40-Z10** | ● | 125 | 10 | 40 | 63 | 7.5 | | | | - |

**KAPR=88°**





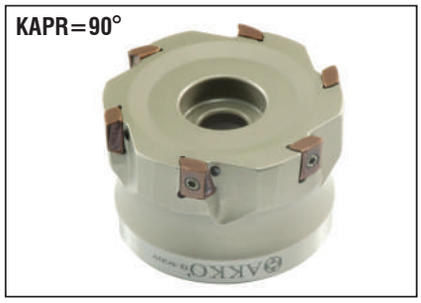

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| **AFM88-SN12SC-D050-A22-Z05-H** | ● | 50 | 5 | 22 | 40 | 9 | **SN.. 1204..** | 4015-M4x11 | 80-T15 | 2508-M10x30 |
| **AFM88-SN12SC-D063-A22-Z06-H** | ● | 63 | 6 | 22 | 40 | 9 | | | | 2510-M12x35 |
| **AFM88-SN12SC-D080-A27-Z07-H** | ● | 80 | 7 | 27 | 50 | 9 | | | | 2514-M16x35 |
| **AFM88-SN12SC-D100-A32-Z08-H** | ● | 100 | 8 | 32 | 50 | 9 | | | | |

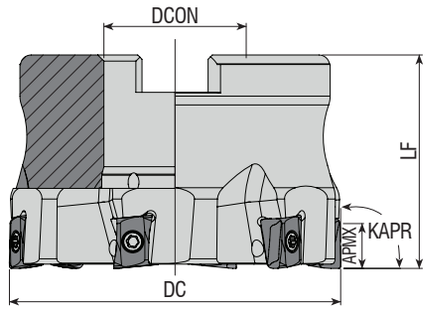
R: Sağ / Right / *Rechts*/ L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**SC** Ucuna Uygundur. / Compatible with **SC** Insert. / Kompatibel mit **SC** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AFM90-XN0403-D040-A16-Z05-H
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*

**SC** Ucuna Uygundur. / Compatible with **SC** Insert. / Kompatibel mit **SC** Wendeplatten.

**KAPR=90°**





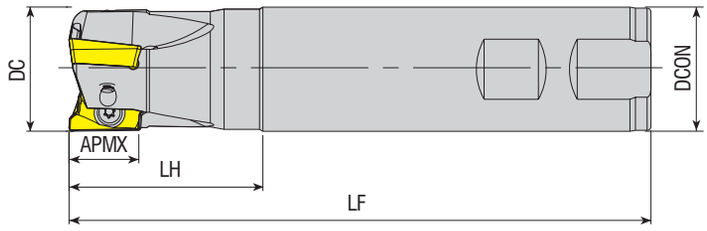

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| **AFM90-LO08-D040-A16-Z06-H** | ● | 40 | 6 | 16 | 40 | 2 | **LOEX 0804..** | 3008-M2.5x8 | 82-T08 | 2506-M8x30 |
| **AFM90-LO08-D050-A22-Z07-H** | ● | 50 | 7 | 22 | 40 | 2 | | | | 2508-M10x30 |
| **AFM90-LO08-D063-A27-Z06-H** | ● | 63 | 6 | 27 | 40 | 2 | | | | 2510-M12x35 |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**SC** Ucuna Uygundur. / Compatible with **SC** Insert. / Kompatibel mit **SC** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AFM90-LO08-D040-A16-Z06-H
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*

**SFTY** Ucuna Uygundur. / Compatible with **SFTY** Insert. / Kompatibel mit **SFTY** Wendeplatten.

**KAPR=90°**




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | LH | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| AEM90-RT07-D10-W10-L120-Z02 | ● | 10 | 2 | 10 | 120 | 30 | 7 | **RT 0702** | 3006-M2x4 | 82-T06 |
| AEM90-RT07-D12-C12-L120-Z02 | ● | 12 | 2 | 12 | 120 | 30 | 7 | | | |
| AEM90-RT07-D12-W12-L120-Z02 | ● | 12 | 2 | 12 | 120 | 30 | 7 | | | |
| AEM90-RT07-D14-W12-L120-Z02 | ● | 14 | 2 | 12 | 120 | 30 | 7 | | | |
| AEM90-RT10-D16-C15-L160-Z02 | ● | 16 | 2 | 15 | 160 | 30 | 10 | **RT 1003** | 3008-M2.5x6 | 82-T08 |
| AEM90-RT10-D16-W16-L120-Z02-H | ● | 16 | 2 | 16 | 120 | 30 | 10 | | | |
| AEM90-RT10-D16-W16-L150-Z02 | ● | 16 | 2 | 16 | 150 | 30 | 10 | | | |
| AEM90-RT10-D16-C16-L200-Z02 | ● | 16 | 2 | 16 | 200 | 100 | 10 | | | |
| AEM90-RT10-D17-W16-L160-Z02 | ● | 17 | 2 | 16 | 160 | 30 | 10 | | | |
| AEM90-RT10-D17-C16-L200-Z02 | ● | 17 | 2 | 16 | 200 | 30 | 10 | | | |
| AEM90-RT10-D18-W16-L120-Z02-H | ● | 18 | 2 | 16 | 120 | 30 | 10 | | | |
| AEM90-RT10-D20-C19-L200-Z03 | ● | 20 | 3 | 19 | 200 | 30 | 10 | | | |
| AEM90-RT10-D20-C20-L110-Z03 | ● | 20 | 3 | 20 | 110 | 30 | 10 | | | |
| AEM90-RT10-D20-W20-L120-Z03-H | ● | 20 | 3 | 20 | 120 | 30 | 10 | | | |
| AEM90-RT10-D20-W20-L150-Z03 | ● | 20 | 3 | 20 | 150 | 50 | 10 | | | |
| AEM90-RT10-D20-C20-L200-Z03 | ● | 20 | 3 | 20 | 200 | 100 | 10 | | | |
| AEM90-RT10-D21-W20-L200-Z03 | ● | 21 | 3 | 20 | 200 | 30 | 10 | | | |
| AEM90-RT10-D22-W20-L120-Z03-H | ● | 22 | 3 | 20 | 120 | 30 | 10 | | | |
| AEM90-RT10-D22-C20-L150-Z03 | ● | 22 | 3 | 20 | 150 | 30 | 10 | | | |
| AEM90-RT10-D22-C20-L200-Z03 | ● | 22 | 3 | 20 | 200 | 30 | 10 | | | |
| AEM90-RT10-D25-W25-L120-Z04-H | ● | 25 | 4 | 25 | 120 | 40 | 10 | | | |
| AEM90-RT10-D25-W25-L150-Z04 | ● | 25 | 4 | 25 | 150 | 50 | 10 | | | |
| AEM90-RT10-D25-C25-L200-Z04 | ● | 25 | 4 | 25 | 200 | 100 | 10 | | | |
| AEM90-RT10-D26-C25-L250-Z04 | ● | 26 | 4 | 25 | 250 | 32 | 10 | | | |
| AEM90-RT10-D32-W32-L120-Z05-H | ● | 32 | 5 | 32 | 120 | 50 | 10 | | | |
| AEM90-RT10-D32-W32-L150-Z05 | ● | 32 | 5 | 32 | 150 | 50 | 10 | | | |
| AEM90-RT10-D32-C32-L200-Z05 | ● | 32 | 5 | 32 | 200 | 100 | 10 | | | |
| AEM90-RT10-D33-C32-L250-Z04 | ● | 33 | 4 | 32 | 250 | 32 | 10 | | | |
| AEM90-RT13-D32-C32-L250-Z04 | ● | 32 | 4 | 32 | 250 | 50 | 13 | **RT 1304** | 3008-M3x8 | |
| AEM90-RT16-D25-W25-L120-Z02-H | ● | 25 | 2 | 25 | 120 | 40 | 16 | **RT 1606** | 4015-M4x9 | 80-T15 |
| AEM90-RT16-D25-W25-L150-Z02 | ● | 25 | 2 | 25 | 150 | 50 | 16 | | | |
| AEM90-RT16-D25-C25-L200-Z02 | ● | 25 | 2 | 25 | 200 | 100 | 16 | | | |
| AEM90-RT16-D32-W32-L120-Z03-H | ● | 32 | 3 | 32 | 120 | 50 | 16 | | | |
| AEM90-RT16-D32-W32-L150-Z03 | ● | 32 | 3 | 32 | 150 | 50 | 16 | | | |
| AEM90-RT16-D32-C32-L200-Z03 | ● | 32 | 3 | 32 | 200 | 100 | 16 | | | |
| AEM90-RT16-D32-C32-L250-Z03 | ● | 32 | 3 | 32 | 250 | 100 | 16 | | | |
| AEM90-RT16-D32-C32-L270-Z03 | ● | 32 | 3 | 32 | 270 | 100 | 16 | | | |
| AEM90-RT16-D40-W32-L120-Z04-H | ● | 40 | 4 | 32 | 120 | 50 | 16 | | 4015-M4x11 | |
| AEM90-RT16-D40-W32-L150-Z04 | ● | 40 | 4 | 32 | 150 | 50 | 16 | | | |
| AEM90-RT16-D40-C32-L200-Z04 | ● | 40 | 4 | 32 | 200 | 100 | 16 | | | |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*

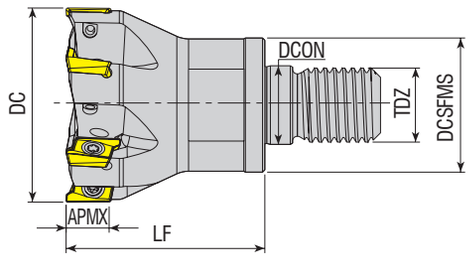
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

**SFTY** Ucuna Uygundur. / Compatible with **SFTY** Insert. / Kompatibel mit **SFTY** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AEM90-RT07-D10-W10-L120-Z02
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*

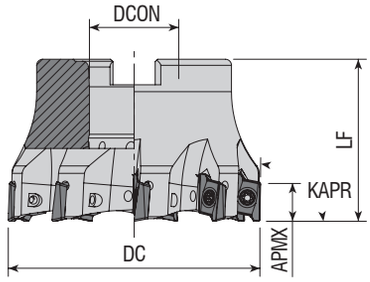
**SFTY** Ucuna Uygundur. / Compatible with **SFTY** Insert. / Kompatibel mit **SFTY** Wendeplatten.

**KAPR=90°**




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCSFMS | TDZ | LF | DCON | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| AEM90-RT07-D13-M06-L20-Z02-H | ● | 13 | 2 | 11 | M06 | 20 | 6.5 | 7 | **RT 0702..** | 3006-M2x4 | 82-T06 |
| AEM90-RT10-D16-M08-L20-Z02-H | ● | 16 | 2 | 14.75 | M08 | 20 | 8.5 | 10 | **RT 1003..** | 3008-M2.5x6 | 82-T08 |
| AEM90-RT10-D17-M08-L20-Z02-H | ● | 17 | 2 | 14.75 | M08 | 20 | 8.5 | 7 | | | |
| AEM90-RT10-D20-M10-L25-Z03-H | ● | 20 | 3 | 18 | M10 | 25 | 10.5 | 10 | | | |
| AEM90-RT10-D21-M10-L25-Z03-H | ● | 21 | 3 | 18 | M10 | 25 | 10.5 | 10 | | | |
| AEM90-RT10-D26-M12-L35-Z03-H | ● | 26 | 3 | 21 | M12 | 35 | 12.5 | 10 | | | |
| AEM90-RT10-D26-M12-L35-Z04-H | ● | 26 | 4 | 21 | M12 | 35 | 12.5 | 10 | | | |
| AEM90-RT10-D25-M12-L30-Z04-H | ● | 25 | 4 | 21 | M12 | 30 | 12.5 | 10 | | | |
| AEM90-RT10-D32-M16-L43-Z05-H | ● | 32 | 5 | 29 | M16 | 43 | 17 | 10 | | | |
| AEM90-RT10-D42-M16-L43-Z06-H | ● | 42 | 6 | 29 | M16 | 43 | 17 | 10 | | | |

**KAPR=90°**




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| AFM90-RT10-D040-A16-Z06-H | ● | 40 | 6 | 16 | 40 | 10 | **RT 1003** | 3008-M2.5x6 | 82-T08 | 2506-M8x30 |
| AFM90-RT10-D050-A22-Z07-H | ● | 50 | 7 | 22 | 40 | 10 | | | | 2407-M10x30 |
| AFM90-RT10-D063-A22-Z09-H | ● | 63 | 9 | 22 | 40 | 10 | | | | |
| AFM90-RT16-D040-A16-Z04-H | ● | 40 | 4 | 16 | 40 | 16 | **RT 1606** | 4015-M4x11 | 80-T15 | 2506-M8x30 |
| AFM90-RT16-D063-A22-Z06-H | ● | 63 | 6 | 22 | 40 | 16 | | | | 2508-M10x30 |
| AFM90-RT16-D080-A27-Z07-H | ● | 80 | 7 | 27 | 50 | 16 | | | | 2510-M12x35 |
| AFM90-RT16-D125-B40-Z09 | ● | 125 | 9 | 40 | 63 | 16 | | | | - |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*

● *Stokta / In Stock / Auf Lager* ○ *Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage*

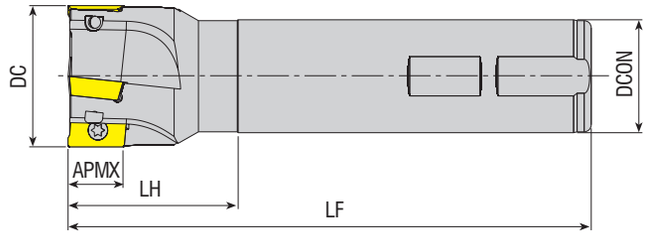
**SFTY** Ucuna Uygundur. / Compatible with **SFTY** Insert. / Kompatibel mit **SFTY** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AEM90-RT07-D13-M06-L20-Z02-H

Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*
Montaj Ölçüleri : S 462 / *Mounting Reference : P 462* / *Montagehinweis : P 462*

**SMTM** Ucuna Uygundur. / Compatible with **SMTM** Insert. / Kompatibel mit **SMTM** Wendeplatten.

**KAPR=90°**

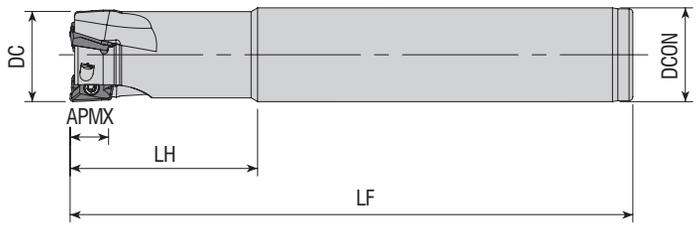



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | LH | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| **AEM90-AP10S-D16-W16-L150-Z02** | ● | 16 | 2 | 16 | 150 | 26 | 10 | **AP.. 1003..** | 3008-M2.5x6 | 82-T08 |
| **AEM90-AP10S-D20-W20-L150-Z02** | ● | 20 | 2 | 20 | 150 | 26 | 10 | | 3008-M2.5x5 | |
| **AEM90-AP10S-D25-W25-L150-Z03** | ● | 25 | 3 | 25 | 150 | 26 | 10 | | | |

R: Sağ / Right / *Rechtsl* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**SMTM** Ucuna Uygundur. / Compatible with **SMTM** Insert. / Kompatibel mit **SMTM** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AEM90-AP10S-D16-W16-L150-Z02
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*

**SMTM** Ucuna Uygundur. / Compatible with **SMTM** Insert. / Kompatibel mit **SMTM** Wendeplatten.



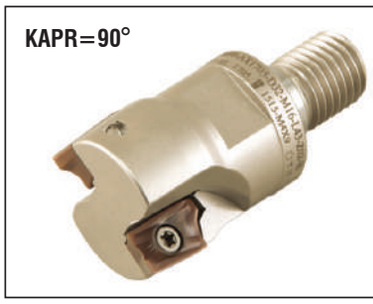

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | LH | APMX | | | |
| **AEM90-AX1235-D16-C14-L120-Z02-H** | ● | 16 | 2 | 14 | 120 | 25 | 10 | | | |
| **AEM90-AX1235-D16-C15-L145-Z02-H** | ● | 16 | 2 | 15 | 145 | 30 | 10 | | | |
| **AEM90-AX1235-D16-C16-L100-Z02-H** | ● | 16 | 2 | 16 | 100 | 30 | 10 | | | |
| **AEM90-AX1235-D16-C16-L140-Z02-H** | ● | 16 | 2 | 16 | 140 | 30 | 10 | | | |
| **AEM90-AX1235-D16-C16-L145-Z02-H** | ● | 16 | 2 | 16 | 145 | 30 | 10 | | | |
| **AEM90-AX1235-D16-C16-L150-Z02** | ● | 16 | 2 | 16 | 150 | 30 | 10 | | | |
| **AEM90-AX1235-D20-C19-L150-Z02-H** | ● | 20 | 2 | 19 | 150 | 40 | 10 | | | |
| **AEM90-AX1235-D20-C20-L110-Z03-H** | ● | 20 | 3 | 20 | 110 | 40 | 10 | | | |
| **AEM90-AX1235-D20-C20-L150-Z02** | ● | 20 | 2 | 20 | 150 | 40 | 10 | | | |
| **AEM90-AX1235-D20-C20-L150-Z02-H** | ● | 20 | 2 | 20 | 150 | 40 | 10 | **AX.T 1235..** | 3008-M3X6 | 82-T08 |
| **AEM90-AX1235-D20-C20-L150-Z03** | ● | 20 | 3 | 20 | 150 | 40 | 10 | | | |
| **AEM90-AX1235-D25-C20-L120-Z04-H** | ● | 25 | 4 | 20 | 120 | 30 | 10 | | | |
| **AEM90-AX1235-D25-C20-L150-Z04-H** | ● | 25 | 4 | 20 | 150 | 30 | 10 | | | |
| **AEM90-AX1235-D25-C24-L170-Z02-H** | ● | 25 | 2 | 24 | 170 | 50 | 10 | | | |
| **AEM90-AX1235-D25-C25-L120-Z04-H** | ● | 25 | 4 | 25 | 120 | 40 | 10 | | | |
| **AEM90-AX1235-D25-C25-L150-Z03** | ● | 25 | 3 | 25 | 150 | 50 | 10 | | | |
| **AEM90-AX1235-D25-C25-L170-Z02-H** | ● | 25 | 2 | 25 | 170 | 50 | 10 | | | |
| **AEM90-AX1235-D25-W25-L100-Z04-H** | ● | 25 | 4 | 25 | 100 | 30 | 10 | | | |
| **AEM90-AX1235-D32-C32-L130-Z05-H** | ● | 32 | 5 | 32 | 130 | 40 | 10 | | | |
| **AEM90-AX1235-D32-C32-L180-Z02-H** | ● | 32 | 2 | 32 | 180 | 50 | 10 | | | |
| **AEM90-AX1705-D25-C25-L150-Z02** | ● | 25 | 2 | 25 | 150 | 50 | 14 | | | |
| **AEM90-AX1705-D28-W25-L115-Z02-H** | ● | 28 | 2 | 25 | 115 | 35 | 14 | **AX.T 1705..** | 4015-M4X9 | 80-T15 |
| **AEM90-AX1705-D32-C32-L150-Z03** | ● | 32 | 3 | 32 | 150 | 50 | 14 | | | |
| **AEM90-AX1705-D32-C32-L180-Z02-H** | ● | 32 | 2 | 32 | 180 | 50 | 14 | | | |

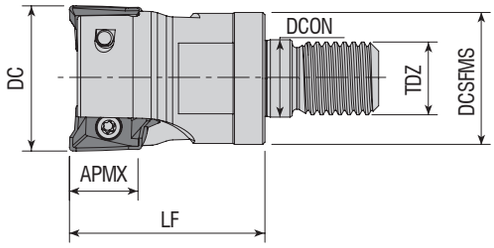
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**SMTM** Ucuna Uygundur. / Compatible with **SMTM** Insert. / Kompatibel mit **SMTM** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AEM90-AX1235-D16-C14-L120-Z02-H
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*

**SMTM** Ucuna Uygundur. / Compatible with **SMTM** Insert. / Kompatibel mit **SMTM** Wendeplatten.

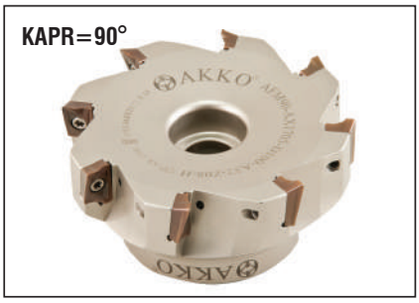
**KAPR=90°**

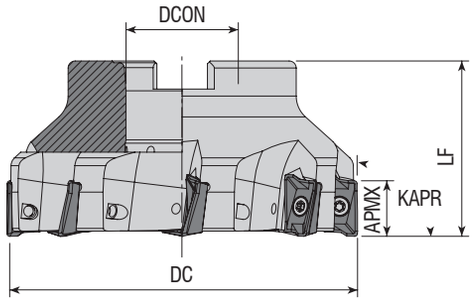





| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCSFMS | TDZ | LF | DCON | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| **AEM90-AX1235-D16-M08-L30-Z02-H** | ● | 16 | 2 | 14.75 | M08 | 30 | 8.5 | 10 | **AX.T 1235..** | 3108-M3x6 | 82-T08 |
| **AEM90-AX1235-D20-M10-L30-Z03-H** | ● | 20 | 3 | 18 | M10 | 30 | 10.5 | 10 | | | |
| **AEM90-AX1235-D25-M12-L35-Z04-H** | ● | 25 | 4 | 21 | M12 | 35 | 12.5 | 10 | | | |
| **AEM90-AX1705-D25-M12-L43-Z02-H** | ● | 25 | 2 | 21 | M12 | 43 | 12.5 | 14 | **AX.T 1705..** | 4015-M4x9 | 80-T15 |
| **AEM90-AX1705-D32-M16-L43-Z02-H** | ● | 32 | 2 | 29 | M16 | 43 | 17 | 14 | | | |

**KAPR=90°**



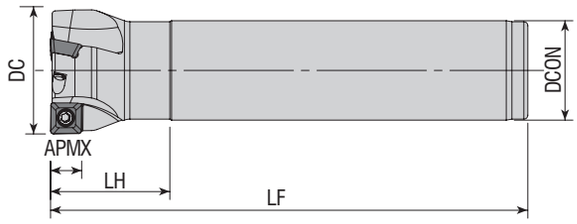

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| **AFM90-AX1235-D040-A16-Z06-H** | ● | 40 | 6 | 16 | 40 | 10 | **AX.T 1235..** | 3108-M3x6 | 82-T08 | 2506-M8x30 |
| **AFM90-AX1235-D050-A22-Z07-H** | ● | 50 | 7 | 22 | 40 | 10 | | | | 2508-M10x30 |
| **AFM90-AX1235-D063-A22-Z08-H** | ● | 63 | 8 | 22 | 40 | 10 | | | | |
| **AFM90-AX1235-D080-A27-Z10-H** | ● | 80 | 10 | 27 | 50 | 10 | | | | 2510-M12x35 |
| **AFM90-AX1705-D040-A16-Z04-H** | ● | 40 | 4 | 16 | 40 | 14 | **AX.T 1705..** | 4015-M4x11 | 80-T15 | 2506-M8x30 |
| **AFM90-AX1705-D050-A22-Z05-H** | ● | 50 | 5 | 22 | 40 | 14 | | | | 2508-M10x30 |
| **AFM90-AX1705-D063-A22-Z06-H** | ● | 63 | 6 | 22 | 40 | 14 | | | | |
| **AFM90-AX1705-D080-A27-Z07-H** | ● | 80 | 7 | 27 | 50 | 14 | | | | 2510-M12x35 |
| **AFM90-AX1705-D100-A32-Z08-H** | ● | 100 | 8 | 32 | 50 | 14 | | | | 2514-M16x35 |

R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager*  ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**SMTM** Ucuna Uygundur. / Compatible with **SMTM** Insert. / Kompatibel mit **SMTM** Wendeplatten.

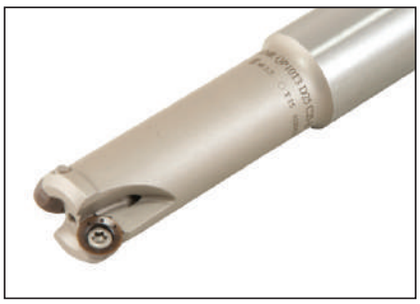
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AEM90-AX1235-D16-M08-L30-Z02-H
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*

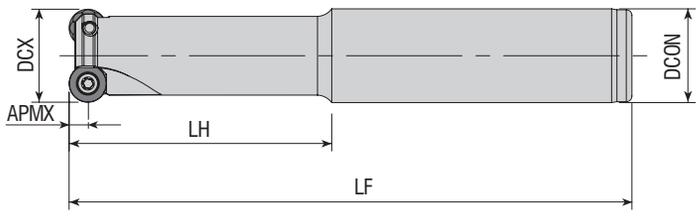
**SMTM** Ucuna Uygundur. / Compatible with **SMTM** Insert. / Kompatibel mit **SMTM** Wendeplatten.

**KAPR=90°**




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | LH | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| **AEM90-SO0803-D20-C16-L110-Z02-H** | ● | 20 | 2 | 16 | 110 | 25 | 7 | **SOMT 0803..** | 3008-M3x7 | 82-T08 |
| **AEM90-SO0803-D25-C20-L110-Z02-H** | ● | 25 | 2 | 20 | 110 | 25 | 7 | | | |
| **AEM90-SO0803-D32-C25-L120-Z03-H** | ● | 32 | 3 | 25 | 120 | 30 | 7 | | | |



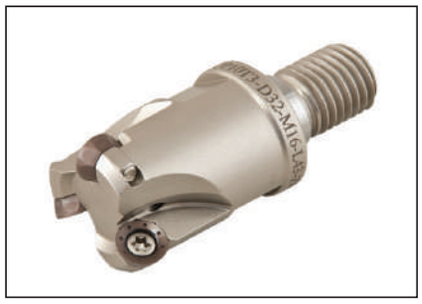


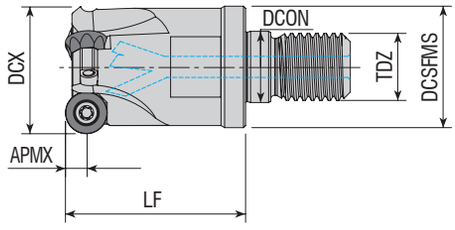

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | DCON | LF | LH | APMX | | Sıkma Vidası *Screw* *Schraube* | Baskı Parçası *Wedge Clamp* *Spannpratze* | Baskı Vidası *Clamp Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| **AEMR-QP10T3-D20-C20-L150-Z01-H** | ● | 20 | 1 | 20 | 150 | 70 | 5 | **QP.. 10T3..** | 4015-M3.5x9 | - | - | 80-T15 |
| **AEMR-QP10T3-D25-C25-L120-Z02-H** | ● | 25 | 2 | 25 | 120 | 40 | 5 | | | | | |
| **AEMR-QP10T3-D25-C25-L150-Z02-H** | ● | 25 | 2 | 25 | 150 | 70 | 5 | | | | | |
| **AEMR-QP10T3-D25-C25-L170-Z02** | ● | 25 | 2 | 25 | 170 | 90 | 5 | | | | | |
| **AEMR-QP10T3-D32-C32-L150-Z03-H** | ● | 32 | 3 | 32 | 150 | 70 | 5 | | | | | |
| **AEMR-QP10T3-D32-C32-L170-Z03** | ● | 32 | 3 | 32 | 170 | 90 | 5 | | | | | |
| **AEMR-QP1204-D25-C25-L150-Z02-H** | ● | 25 | 2 | 25 | 150 | 70 | 6 | **QP.. 1204..** | 4015-M4x9 | - | - | |

R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager*  ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**SMTM** Ucuna Uygundur. / Compatible with **SMTM** Insert. / Kompatibel mit **SMTM** Wendeplatten.

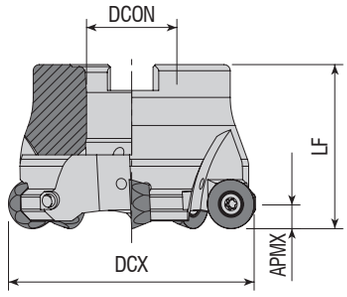
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AEM90-SO0803-D20-C16-L110-Z02-H
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*

**SMTM** Ucuna Uygundur. / Compatible with **SMTM** Insert. / Kompatibel mit **SMTM** Wendeplatten.






| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | DCSFMS | TDZ | LF | DCON | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| **AEMR-QP10T3-D25-M12-L35-Z02-H** | ● | 25 | 2 | 21 | M12 | 35 | 12.5 | 5 | **QP. 10T3..** | 4015-M3.5x9 | 80-T15 |
| **AEMR-QP10T3-D32-M16-L43-Z03-H** | ● | 32 | 3 | 29 | M16 | 43 | 17 | 5 | | | |

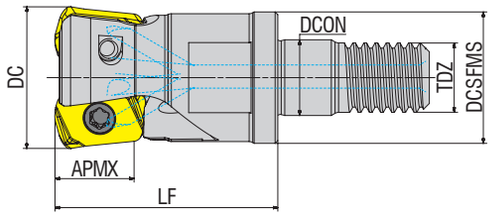



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| **AFMR-QP10T3-D040-A16-Z04-H** | ● | 40 | 4 | 16 | 40 | 5 | **QP. 10T3..** | 4015-M3.5x11 | 80-T15 | 2506-M8x30 |
| **AFMR-QP10T3-D050-A22-Z05-H** | ● | 50 | 5 | 22 | 40 | 5 | | | | 2407-M10x30 |
| **AFMR-QP10T3-D063-A22-Z06-H** | ● | 63 | 6 | 22 | 40 | 5 | | | | |
| **AFMR-QP1204-D050-A22-Z04-H** | ● | 50 | 4 | 22 | 40 | 6 | **QP.. 1204..** | 4015-M4x11 | | |
| **AFMR-QP1204-D063-A22-Z05-H** | ● | 63 | 5 | 22 | 40 | 6 | | | | |

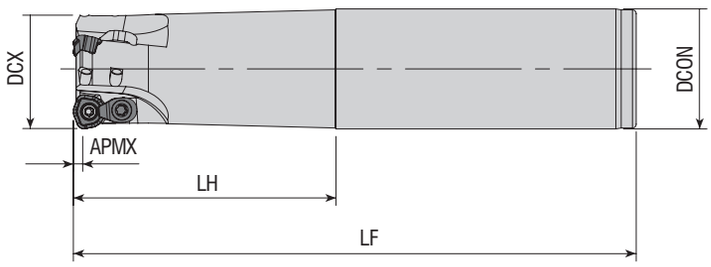
R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager*  ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**SMTM** Ucuna Uygundur. / Compatible with **SMTM** Insert. / Kompatibel mit **SMTM** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück  AEMR-QP10T3-D25-M12-L35-Z02-H
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*

**SMTM** Ucuna Uygundur. / Compatible with **SMTM** Insert. / Kompatibel mit **SMTM** Wendeplatten.




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCSFMS | TDZ | LF | DCON | APMX | | | |
| **AHFM-LN06T3-D16-M08-L25-Z02-H** | ● | 16 | 2 | 14.75 | M08 | 25 | 8.50 | 1 | **LN.. 06T3..** | 3008-M2.5x6 | 82-T08 |
| **AHFM-LN06T3-D20-M10-L30-Z03-H** | ● | 20 | 3 | 18 | M10 | 30 | 10.5 | 1 | | | |
| **AHFM-LN06T3-D25-M12-L35-Z04-H** | ● | 25 | 4 | 21 | M12 | 35 | 12.50 | 1 | | | |
| **AHFM-LN06T3-D32-M16-L40-Z05-H** | ● | 32 | 5 | 29 | M16 | 40 | 17 | 1 | | | |
| **AHFM-LN06T3-D40-M16-L40-Z06-H** | ● | 40 | 6 | 29 | M16 | 40 | 17 | 1 | | | |

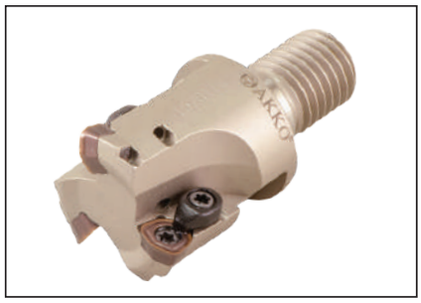


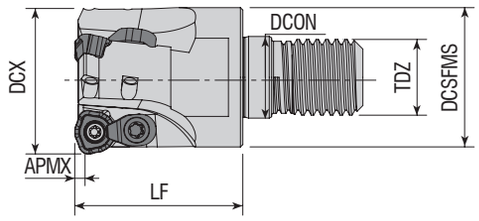

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Baskı Parçası *Wedge Clamp* *Spannpratze* | Baskı Vidası *Clamp Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | DCON | LF | LH | APMX | | | | | |
| **AHFM-WD0603-D16-C16-L150-Z02** | ● | 16 | 2 | 16 | 150 | 70 | 2 | **WDMT 0603..** | 3008-M2.5x6 | - | - | 82-T08 |
| **AHFM-WD0603-D20-C20-L150-Z03** | ● | 20 | 3 | 20 | 150 | 70 | 2 | | | | | |
| **AHFMC-WD0804-D25-C25-L150-Z02** | ● | 25 | 2 | 25 | 150 | 60 | 1.5 | **WDMT 0804..** | 4010-M3X8 | ACK-15 | 4010-M3x8 | 82-T10 |
| **AHFMC-WD0804-D32-C32-L150-Z03** | ● | 32 | 3 | 32 | 150 | 70 | 1.5 | | | | | |
| **AHFMC-WD1205-D32-C32-L150-Z02** | ● | 32 | 2 | 32 | 150 | 70 | 3 | **WDMT 1205..** | 1415-M4x11 | ACK-05 | 4015-M4x11 | 80-T15 |

R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**SMTM** Ucuna Uygundur. / Compatible with **SMTM** Insert. / Kompatibel mit **SMTM** Wendeplatten.

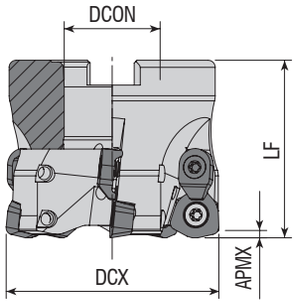
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AHFM-LN06T3-D16-M08-L25-Z02-H
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*

**SMTM** Ucuna Uygundur. / Compatible with **SMTM** Insert. / Kompatibel mit **SMTM** Wendeplatten.






| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | DCSFMS | TDZ | LF | DCON | APMX | | Sıkma Vidası *Screw* *Schraube* | Baskı Parçası *Wedge Clamp* *Spannpratze* | Baskı Vidası *Clamp Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| **AHFMC-WD0804-D25-M12-L35-Z02-H** | ● | 25 | 2 | 21 | M12 | 35 | 12.5 | 1.5 | **WDMT 0804..** | 4010-M3x8 | ACK-15 | 4010-M3x8 | 82-T10 |
| **AHFMC-WD0804-D32-M16-L35-Z03-H** | ● | 32 | 3 | 29 | M16 | 35 | 17 | 1.5 | | | | | |

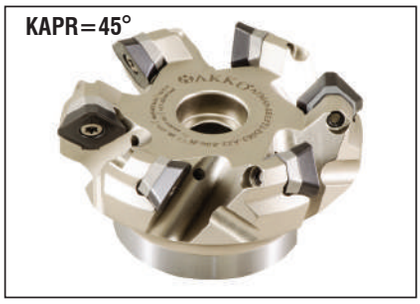


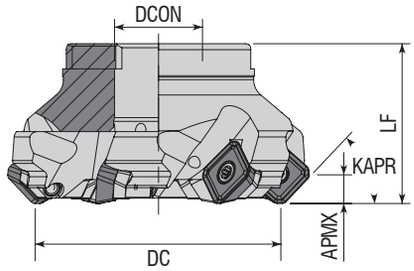

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Baskı Pabucu *Wedge Clamp* *Spannpratze* | Baskı Vidası *Clamp Screw* *Klemmschraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| **AHFMC-WD0804-D040-A16-Z04-H** | ● | 40 | 4 | 16 | 40 | 1.5 | **WDMT 0804..** | 4010-M3x8 | ACK-15 | 4010-M3x8 | 82-T10 | 2506-M8x30 |
| **AHFMC-WD0804-D050-A22-Z04-H** | ● | 50 | 4 | 22 | 50 | 1.5 | | | | | | |
| **AHFMC-WD1205-D050-A22-Z04-H** | ● | 50 | 4 | 22 | 50 | 3 | **WDMT 1205..** | 1415-M4x11 | ACK-05 | 4015-M4x11 | 80-T15 | 2508-M10x30 |
| **AHFMC-WD1205-D052-A22-Z04-H** | ● | 52 | 4 | 22 | 50 | 3 | | | | | | |
| **AHFMC-WD1205-D063-A22-Z05-H** | ● | 63 | 5 | 22 | 50 | 3 | | | | | | |
| **AHFMC-WD1205-D080-A27-Z06-H** | ● | 80 | 6 | 27 | 63 | 3 | | | | | | 2510-M12x35 |

R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**SMTM** Ucuna Uygundur. / Compatible with **SMTM** Insert. / Kompatibel mit **SMTM** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AHFM-WD0603-D16-C16-L150-Z02
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*

## **SMTM** Ucuna Uygundur. / Compatible with **SMTM** Insert. / Kompatibel mit **SMTM** Wendeplatten.

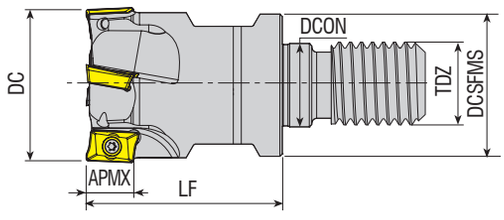



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Altlık *Screw* *Unterlage* | Altlık Vidası *Wedge Clamp* Винт опорной пластины | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| AFM45-SE13-D050-A22-Z04-H | ● | 50 | 4 | 22 | 40 | 6 | **SEMT 13T3..** | - | - | 4015-M3.5x11 | 80-T15 | 2407-M10x30 |
| AFM45-SE13-D063-A22-Z05-H | ● | 63 | 5 | 22 | 40 | 6 | | | | | | |
| AFM45-SE13-D080-A27-Z06-H | ● | 80 | 6 | 27 | 50 | 6 | | | | | | 2510-M12x35 |
| AFM45S-SE13-D050-A22-Z05-H | ● | 50 | 5 | 22 | 40 | 6 | | AASE-3-0001 | AAV-16-M3.5x8 | 4015-M3.5x12 | | 2407-M10x30 |
| AFM45S-SE13-D063-A22-Z06-H | ● | 63 | 6 | 22 | 40 | 6 | | | | | | |
| AFM45S-SE13-D080-A27-Z08-H | ● | 80 | 8 | 27 | 50 | 6 | | | | | | 2510-M12x35 |
| AFM45S-SE13-D100-A32-Z10-H | ● | 100 | 10 | 32 | 50 | 6 | | | | | | 2514-M16x35 |
| AFM45S-SE13-D125-B40-Z12 | ● | 125 | 12 | 40 | 63 | 6 | | | | | | - |

**SMTM** Ucuna Uygundur. / Compatible with **SMTM** Insert. / Kompatibel mit **SMTM** Wendeplatten.

## **SNDVK** Ucuna Uygundur. / Compatible with **SNDVK** Insert. / Kompatibel mit **SNDVK** Wendeplatten.



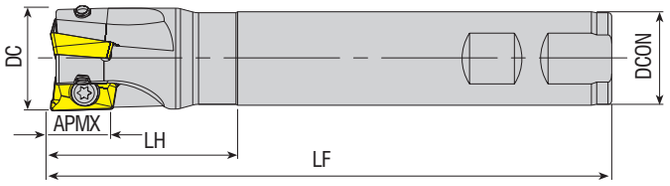

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCSFMS | TDZ | LF | DCON | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| AEM90-R390.11-D16-M08-L30-Z02-H | ● | 16 | 2 | 14.75 | M08 | 30 | 8.5 | 10 | **R390-11T3..** | 3008-M2.5x5 | 82-T08 |
| AEM90-R390.11-D20-M10-L30-Z03-H | ● | 20 | 3 | 18 | M10 | 30 | 10.5 | 10 | | 3008-M2.5x6 | |
| AEM90-R390.11-D25-M12-L35-Z03-H | ● | 25 | 3 | 21 | M12 | 35 | 12.5 | 10 | | | |
| AEM90-R390.11-D32-M16-L43-Z04-H | ● | 32 | 4 | 29 | M16 | 43 | 17 | 10 | | | |

R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**SNDVK** Ucuna Uygundur. / Compatible with **SNDVK** Insert. / Kompatibel mit **SNDVK** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AFM45-SE13-D050-A22-Z04-H
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*
Sıkma Tork Değeri : S 464 / *Tightening Torque : P 464* / *Anzugsmoment : P 464*

**SNDVK** Ucuna Uygundur. / Compatible with **SNDVK** Insert. / Kompatibel mit **SNDVK** Wendeplatten.

**KAPR=90°**



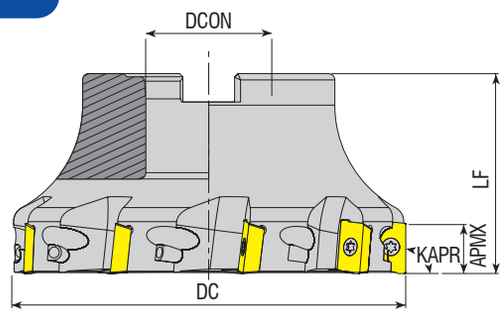

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | LH | APMX | | | |
| AEM90-R390.11-D12-W12-L100-Z01 | ● | 12 | 1 | 12 | 100 | 25 | 10 | **R390-11T3..** | 3008-M2.5x5 | 82-T08 |
| AEM90-R390.11-D16-W16-L100-Z02-H | ● | 16 | 2 | 16 | 100 | 30 | 10 | | | |
| AEM90-R390.11-D16-W16-L150-Z02 | ● | 16 | 2 | 16 | 150 | 50 | 10 | | | |
| AEM90-R390.11-D16-W16-L150-Z02-H | ● | 16 | 2 | 16 | 150 | 50 | 10 | | | |
| AEM90-R390.11-D20-W20-L090-Z02-H | ● | 20 | 2 | 20 | 90 | 30 | 10 | | | |
| AEM90-R390.11-D20-W20-L100-Z03-H | ● | 20 | 3 | 20 | 100 | 30 | 10 | | | |
| AEM90-R390.11-D20-W20-L150-Z03 | ● | 20 | 3 | 20 | 150 | 50 | 10 | | 3008-M2.5x6 | |
| AEM90-R390.11-D20-W20-L150-Z03-H | ● | 20 | 3 | 20 | 150 | 50 | 10 | | | |
| AEM90-R390.11-D20-C20-L150-Z03 | ● | 20 | 3 | 20 | 150 | 30 | 10 | | | |
| AEM90-R390.11-D22-W20-L090-Z02-H | ● | 22 | 2 | 20 | 90 | 30 | 10 | | | |
| AEM90-R390.11-D25-C20-L150-Z03 | ● | 25 | 3 | 20 | 150 | 40 | 10 | | | |
| AEM90-R390.11-D25-W25-L100-Z03-H | ● | 25 | 3 | 25 | 100 | 30 | 10 | | | |
| AEM90-R390.11-D25-W25-L150-Z03 | ● | 25 | 3 | 25 | 150 | 50 | 10 | | | |
| AEM90-R390.11-D25-W25-L150-Z03-H | ● | 25 | 3 | 25 | 150 | 50 | 10 | | | |
| AEM90-R390.11-D30-W25-L150-Z04-H | ● | 30 | 4 | 25 | 150 | 30 | 10 | | | |
| AEM90-R390.11-D32-C25-L200-Z03 | ● | 32 | 3 | 25 | 200 | 40 | 10 | | | |
| AEM90-R390.11-D32-W32-L150-Z05-H | ● | 32 | 5 | 32 | 150 | 50 | 10 | | | |
| AEM90-R390.17-D25-W25-L150-Z02 | ● | 25 | 2 | 25 | 150 | 50 | 15.4 | **R390-1704..** | 4015-M3.5x8 | 80-T15 |
| AEM90-R390.17-D25-W25-L150-Z02-H | ● | 25 | 2 | 25 | 150 | 50 | 15.4 | | | |
| AEM90-R390.17-D30-W25-L150-Z03 | ● | 30 | 3 | 25 | 150 | 40 | 15.4 | | | |
| AEM90-R390.17-D30-W25-L150-Z03-H | ● | 30 | 3 | 25 | 150 | 40 | 15.4 | | 4015-M3.5x9 | |
| AEM90-R390.17-D32-W32-L150-Z03-H | ● | 32 | 3 | 32 | 150 | 40 | 15.4 | | | |
| AEM90-R390.18-D32-C32-L150-Z03 | ● | 32 | 3 | 32 | 150 | 45 | 15.4 | **R390-1806..** | 4015-M4x11 | |
| AEM90-R390.18-D40-C32-L150-Z04-H | ● | 40 | 4 | 32 | 150 | 40 | 15.4 | | | |

R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**SNDVK** Ucuna Uygundur. / Compatible with **SNDVK** Insert. / Kompatibel mit **SNDVK** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AEM90-R390.11-D12-W12-L100-Z01
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*
Sıkma Tork Değeri : S 464 / *Tightening Torque : P 464* / *Anzugsmoment : P 464*

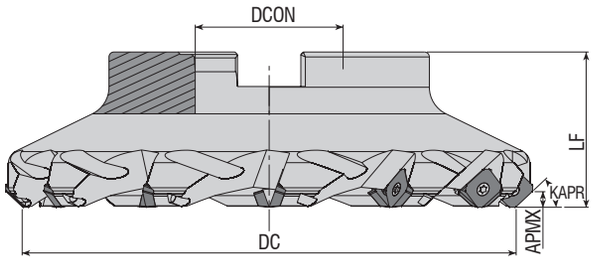
**SNDVK** Ucuna Uygundur. / Compatible with **SNDVK** Insert. / Kompatibel mit **SNDVK** Wendeplatten.

**KAPR=90°**




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| **AFM90-R390.11-D040-A16-Z05-H** | ● | 40 | 5 | 16 | 40 | 10 | **R390-11T3..** | 3008-M2.5x6 | 82-T08 | 2506-M8x30 |
| **AFM90-R390.11-D050-A22-Z06-H** | ● | 50 | 6 | 22 | 40 | 10 | | | | 2508-M10x30 |
| **AFM90-R390.11-D063-A22-Z07-H** | ● | 63 | 7 | 22 | 40 | 10 | | | | |
| **AFM90-R390.11-D080-A27-Z09-H** | ● | 80 | 9 | 27 | 50 | 10 | | | | 2510-M12x35 |
| **AFM90-R390.17-D040-A16-Z04-H** | ● | 40 | 4 | 16 | 40 | 15.4 | **R390-1704..** | 4015-M3.5x11 | 80-T15 | 2506-M8x30 |
| **AFM90-R390.17-D050-A22-Z05-H** | ● | 50 | 5 | 22 | 40 | 15.4 | | | | 2508-M10x30 |
| **AFM90-R390.17-D063-A22-Z06-H** | ● | 63 | 6 | 22 | 40 | 15.4 | | | | |
| **AFM90-R390.17-D080-A27-Z07-H** | ● | 80 | 7 | 27 | 50 | 15.4 | | | | 2510-M12x35 |
| **AFM90-R390.17-D100-A32-Z08-H** | ● | 100 | 8 | 32 | 50 | 15.4 | | | | 2514-M16x35 |
| **AFM90-R390.17-D125-B40-Z09** | ● | 125 | 9 | 40 | 63 | 15.4 | | | | - |
| **AFM90-R390.18-D050-A22-Z04-H** | ● | 50 | 4 | 22 | 40 | 15.4 | **R390-1806..** | 4015-M4x11 | | 2508-M10x30 |
| **AFM90-R390.18-D063-A22-Z05-H** | ● | 63 | 5 | 22 | 40 | 15.4 | | | | |
| **AFM90-R390.18-D080-A27-Z06-H** | ● | 80 | 6 | 27 | 50 | 15.4 | | | | 2510-M12x35 |
| **AFM90-R390.18-D100-A32-Z07-H** | ● | 100 | 7 | 32 | 50 | 15.4 | | | | 2514-M16x35 |
| **AFM90-R390.18-D125-B40-Z08** | ● | 125 | 8 | 40 | 63 | 15.4 | | | | - |

**KAPR=45°**



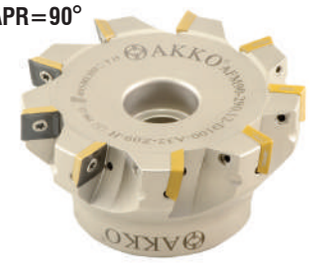

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| **AFM45-SE12-D050-A22-Z04-H** | ● | 50 | 4 | 22 | 40 | 6 | **SE.. 12T3..** **R245-12T3..** | 4015-M3.5x11 | 80-T15 | 2407-M10x30 |
| **AFM45L-SE12-D050-A22-Z04-H** | ● | 50 | 4 | 22 | 40 | 6 | | | | |
| **AFM45-SE12-D063-A22-Z05-H** | ● | 63 | 5 | 22 | 40 | 6 | | | | |
| **AFM45L-SE12-D063-A22-Z05-H** | ● | 63 | 5 | 22 | 40 | 6 | | | | |
| **AFM45-SE12-D080-A27-Z06-H** | ● | 80 | 6 | 27 | 50 | 6 | | | | 2510-M12x35 |
| **AFM45L-SE12-D080-A27-Z06-H** | ● | 80 | 6 | 27 | 50 | 6 | | | | |
| **AFM45-SE12-D100-A32-Z07-H** | ● | 100 | 7 | 32 | 50 | 6 | | | | 2514-M16x35 |
| **AFM45-SE12-D125-B40-Z08** | ● | 125 | 8 | 40 | 63 | 6 | | | | |
| **AFM45-SE12-D160-C40-Z10** | ● | 160 | 10 | 40 | 63 | 6 | | | | - |
| **AFM45L-SE12-D160-C40-Z10** | ● | 160 | 10 | 40 | 63 | 6 | | | | |
| **AFM45-SE12-D200-C60-Z12** | ● | 200 | 12 | 60 | 63 | 6 | | | | |

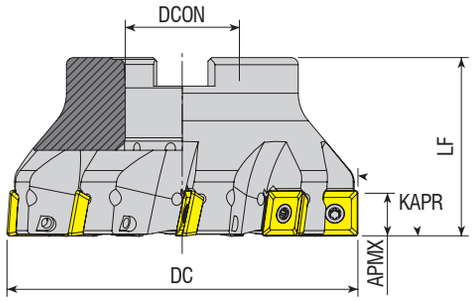
**SNDVK** Ucuna Uygundur. / Compatible with **SNDVK** Insert. / Kompatibel mit **SNDVK** Wendeplatten.

Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*

**SNDVK** Ucuna Uygundur. / Compatible with **SNDVK** Insert. / Kompatibel mit **SNDVK** Wendeplatten.

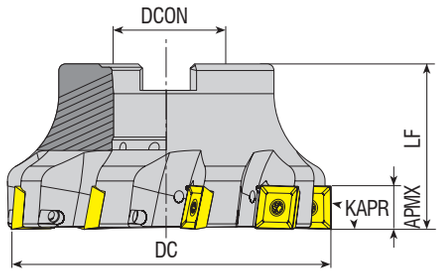
**KAPR=90°**






| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| **AFM90-R290.12-D050-A22-Z04-H** | ● | 50 | 4 | 22 | 40 | 10.7 | **R290-12T3..** | 4015-M3.5x11 | 80-T15 | 2508-M10x30 |
| **AFM90-R290.12-D063-A22-Z05-H** | ● | 63 | 5 | 22 | 40 | 10.7 | | | | |
| **AFM90-R290.12-D080-A27-Z07-H** | ● | 80 | 7 | 27 | 50 | 10.7 | | | | 2510-M12x35 |
| **AFM90-R290.12-D100-A32-Z09-H** | ● | 100 | 9 | 32 | 50 | 10.7 | | | | 2514-M16x35 |
| **AFM90-R290.12-D125-B40-Z11** | ● | 125 | 11 | 40 | 63 | 10.7 | | | | - |

**KAPR=90°**




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| **AFM90-490R08-D063-A22-Z06-H** | ● | 63 | 6 | 22 | 40 | 5.5 | **490R-08T3..** | 3008-M2.5x6 | 82-T08 | |
| **AFM90-490R14-D050-A22-Z04-H** | ● | 50 | 4 | 22 | 40 | 10 | **490R-1404..** | 4015-M3.5x11 | 80-T15 | 2508-M10x30 |
| **AFM90-490R14-D063-A22-Z05-H** | ● | 63 | 5 | 22 | 40 | 10 | | | | |
| **AFM90-490R14-D080-A27-Z07-H** | ● | 80 | 7 | 27 | 50 | 10 | | | | 2510-M12x35 |
| **AFM90-490R14-D100-A32-Z07-H** | ● | 100 | 7 | 32 | 50 | 10 | | | | 2514-M16x35 |
| **AFM90-490R14-D125-B40-Z08** | ● | 125 | 8 | 40 | 63 | 10 | | | | |
| **AFM90-490R14-D125-B40-Z12** | ● | 125 | 12 | 40 | 63 | 10 | | | | - |
| **AFM90-490R14-D160-C40-Z12** | ● | 160 | 12 | 40 | 63 | 10 | | | | |
| **AFM90-490R14-D200-C60-Z16** | ● | 200 | 16 | 60 | 63 | 10 | | | | |

R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*

● Stokta / In Stock / *Auf Lager*  ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

**SNDVK** Ucuna Uygundur. / Compatible with **SNDVK** Insert. / Kompatibel mit **SNDVK** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*

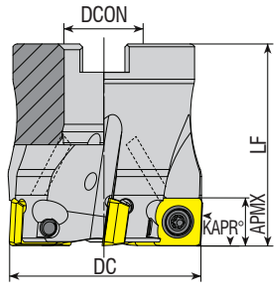
1 ad./pcs./stück AFM90-R290.12-D050-A22-Z04-H

Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*

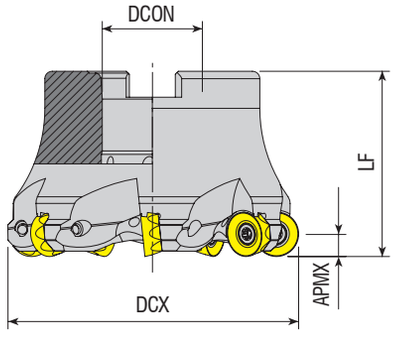
Sıkma Tork Değeri : S 464 / *Tightening Torque : P 464* / *Anzugsmoment : P 464*

**SNDVK** Ucuna Uygundur. / Compatible with **SNDVK** Insert. / Kompatibel mit **SNDVK** Wendeplatten.

**KAPR=90°**




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| | | DC | ZEFP | DCON | LF | APMX | | | | |
| **AFM90-SP09T3-D040-A16-Z05-H** | ● | 40 | 5 | 16 | 40 | 8.6 | **SPMT 09T3..** | 3010-M3.5x9 | 82-T10 | 2506-M8x30 |
| **AFM90-SP09T3-D050-A22-Z06-H** | ● | 50 | 6 | 22 | 40 | 8.6 | | | | 2508-M10x30 |
| **AFM90-SP09T3-D063-A22-Z07-H** | ● | 63 | 7 | 22 | 40 | 8.6 | | | | |
| **AFM90-SP09T3-D080-A27-Z08-H** | ● | 80 | 8 | 27 | 50 | 8.6 | | | | 2510-M12x35 |




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| | | DCX | ZEFP | DCON | LF | APMX | | | | |
| **AFMR-RC1204-D040-A16-Z04-H** | ● | 40 | 4 | 16 | 40 | 6 | **RC.. 1204..** | 4015-M3.5x11 | 80-T15 | 2506-M8x30 |
| **AFMR-RC1204-D050-A22-Z05-H** | ● | 50 | 5 | 22 | 50 | 6 | | | | 2508-M10x30 |
| **AFMR-RC1204-D052-A22-Z05-H** | ● | 52 | 5 | 22 | 50 | 6 | | | | |
| **AFMR-RC1204-D063-A22-Z06-H** | ● | 63 | 6 | 22 | 50 | 6 | | | | |
| **AFMR-RC1204-D063-A27-Z06-H** | ● | 63 | 6 | 27 | 50 | 6 | | | | 2510-M12x35 |
| **AFMR-RC1204-D080-A27-Z07-H** | ● | 80 | 7 | 27 | 50 | 6 | | | | |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*

● *Stokta / In Stock / Auf Lager* ○ *Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage*

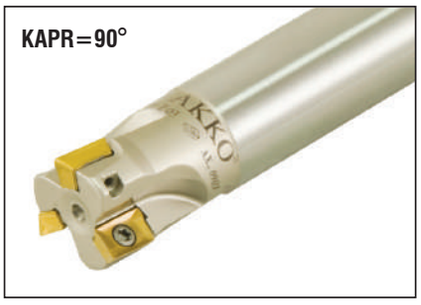
**SNDVK** Ucuna Uygundur. / Compatible with **SNDVK** Insert. / Kompatibel mit **SNDVK** Wendeplatten.

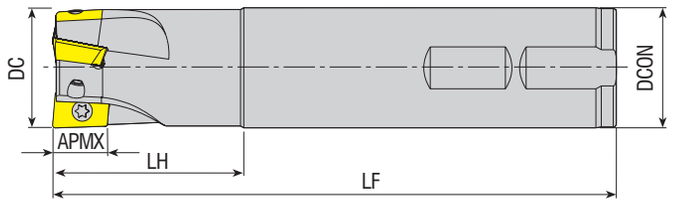
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AFM90-SP09T3-D040-A16-Z05-H

Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*
Montaj Ölçüleri : S 462 / *Mounting Reference : P 462* / *Montagehinweis : P 462*

**TGTC** Ucuna Uygundur. / Compatible with **TGTC** Insert. / Kompatibel mit **TGTC** Wendeplatten.

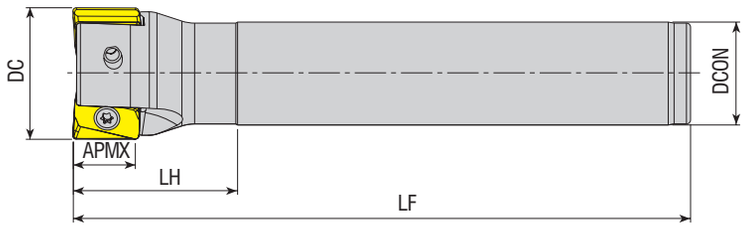
**KAPR=90°**






| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | LH | APMX | | | |
| AEM90-AX0602-D10-C09-L120-Z02 | ● | 10 | 2 | 9 | 120 | 20 | 5.7 | **AX.. 0602** | 3006-M1.8x4 | 82-T06 |
| AEM90-AX0602-D10-C10-L080-Z02 | ● | 10 | 2 | 10 | 80 | 20 | 5.7 | | | |
| AEM90-AX0602-D10-C10-L120-Z02 | ● | 10 | 2 | 10 | 120 | 20 | 5.7 | | | |
| AEM90-AX0602-D12-C11-L120-Z02 | ● | 12 | 2 | 11 | 120 | 20 | 5.7 | | | |
| AEM90-AX0602-D12-C12-L080-Z02 | ● | 12 | 2 | 12 | 80 | 20 | 5.7 | | | |
| AEM90-AX0602-D12-C12-L120-Z02 | ● | 12 | 2 | 12 | 120 | 20 | 5.7 | | | |
| AEM90-AX0602-D14-C12-L120-Z03 | ● | 14 | 3 | 12 | 120 | 20 | 5.7 | | | |
| AEM90-AX0602-D16-W16-L120-Z04-H | ● | 16 | 4 | 16 | 120 | 20 | 5.7 | | | |
| AEM90-AX0602-D16-W16-L150-Z04-H | ● | 16 | 4 | 16 | 150 | 20 | 5.7 | | | |
| AEM90-AX0602-D20-W20-L120-Z05-H | ● | 20 | 5 | 20 | 120 | 25 | 5.7 | | | |
| AEM90-AX0602-D20-W20-L150-Z05-H | ● | 20 | 5 | 20 | 150 | 25 | 5.7 | | | |
| AEM90-AX0903-D16-C16-L120-Z02 | ● | 16 | 2 | 16 | 120 | 30 | 8.8 | **AX.. 0903** | 3008-M2.5x5 | 82-T08 |
| AEM90-AX0903-D16-C16-L180-Z02 | ● | 16 | 2 | 16 | 180 | 30 | 8.8 | | | |
| AEM90-AX0903-D17-C16-L120-Z02 | ● | 17 | 2 | 16 | 120 | 25 | 8.8 | | | |
| AEM90-AX0903-D17-C16-L180-Z02 | ● | 17 | 2 | 16 | 180 | 25 | 8.8 | | | |
| AEM90-AX0903-D20-C20-L120-Z03 | ● | 20 | 3 | 20 | 120 | 30 | 8.8 | | 3008-M2.5x6 | |
| AEM90-AX0903-D20-C20-L200-Z02 | ● | 20 | 2 | 20 | 200 | 30 | 8.8 | | | |
| AEM90-AX0903-D21-C20-L120-Z03 | ● | 21 | 3 | 20 | 120 | 25 | 8.8 | | | |
| AEM90-AX0903-D21-C20-L200-Z02 | ● | 21 | 2 | 20 | 200 | 25 | 8.8 | | | |
| AEM90-AX0903-D25-C25-L150-Z03 | ● | 25 | 3 | 25 | 150 | 30 | 8.8 | | | |
| AEM90-AX0903-D25-C25-L250-Z02 | ● | 25 | 2 | 25 | 250 | 40 | 8.8 | | | |
| AEM90-AX0903-D26-C25-L150-Z03 | ● | 26 | 3 | 25 | 150 | 30 | 8.8 | | | |

**KAPR=90°**




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | LH | APMX | | | |
| AEM90-AN1607-D32-C25-L150-Z02 | ● | 32 | 2 | 25 | 150 | 50 | 15 | **AN.X 1607..** | 4015-M4x11 | 80-T15 |
| AEM90-AN1607-D40-C32-L150-Z03 | ● | 40 | 3 | 32 | 150 | 50 | 15 | | | |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*

●Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

**TGTC** Ucuna Uygundur. / Compatible with **TGTC** Insert. / Kompatibel mit **TGTC** Wendeplatten.

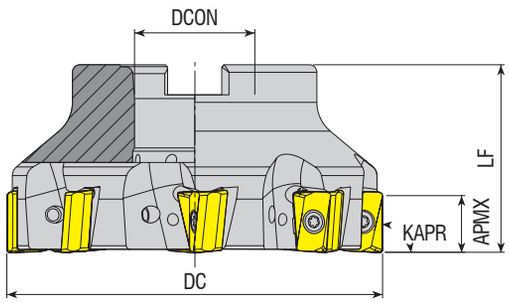
Sipariş Örneği/Ordering Example/*Bestellbeispiel*

1 ad./pcs./stück AEM90-AX0602-D10-C09-L120-Z02

Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*

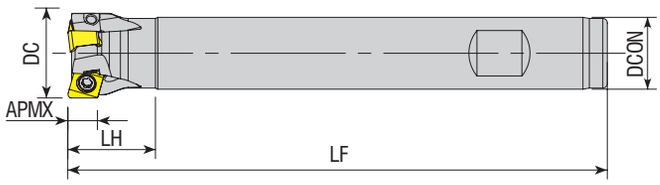
**TGTC** Ucuna Uygundur. / Compatible with **TGTC** Insert. / Kompatibel mit **TGTC** Wendeplatten.

**KAPR=90°**




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| **AFM90-AN1607-D050-A22-Z04-H** | ● | 50 | 4 | 22 | 40 | 15 | **AN.X 1607..** | 4015-M4x11 | 80-T15 | 2508-M10x30 |
| **AFM90-AN1607-D063-A22-Z06-H** | ● | 63 | 6 | 22 | 40 | 15 | | | | |
| **AFM90-AN1607-D080-A27-Z07-H** | ● | 80 | 7 | 27 | 50 | 15 | | | | 2510-M12x35 |
| **AFM90-AN1607-D100-A32-Z08-H** | ● | 100 | 8 | 32 | 50 | 15 | | | | 2514-M16x35 |
| **AFM90-AN1607-D125-B40-Z10** | ● | 125 | 10 | 40 | 63 | 15 | | | | - |

**KAPR=90°**



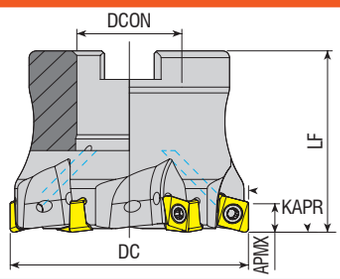

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | LH | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| **AEM90-4N06-D16-W16-L120-Z02-H** | ● | 16 | 2 | 16 | 120 | 25 | 6 | **4NKT 0603..** | 1108-M3x6.8 | 82-T08 |
| **AEM90-4N06-D16-W16-L160-Z02** | ● | 16 | 2 | 16 | 160 | 25 | 6 | | | |
| **AEM90-4N06-D20-W16-L120-Z03-H** | ● | 20 | 3 | 16 | 120 | 20 | 6 | | | |
| **AEM90-4N06-D20-W16-L160-Z03** | ● | 20 | 3 | 16 | 160 | 20 | 6 | | | |
| **AEM90-4N06-D20-W20-L160-Z03** | ● | 20 | 3 | 20 | 160 | 25 | 6 | | | |

R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager*  ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**TGTC** Ucuna Uygundur. / Compatible with **TGTC** Insert. / Kompatibel mit **TGTC** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AFM90-AN1607-D050-A22-Z04-H
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*
Sıkma Tork Değeri : S 464 / *Tightening Torque : P 464* / *Anzugsmoment : P 464*

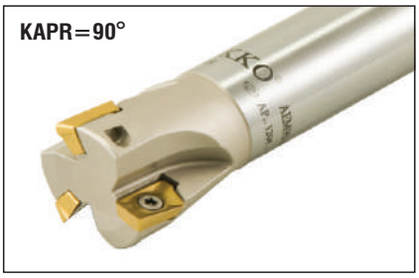
**TGTC** Ucuna Uygundur. / Compatible with **TGTC** Insert. / Kompatibel mit **TGTC** Wendeplatten.

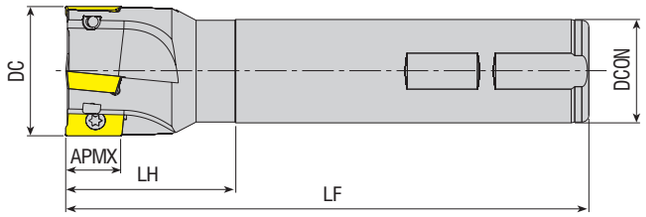
**KAPR=90°**




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| **AFM90-4N06-D040-A16-Z05-H** | ● | 40 | 5 | 16 | 40 | 6 | **4NKT 0603..** | 1108-M3x6.8 | 82-T08 | 2506-M8x30 |
| **AFM90-4N06-D050-A22-Z06-H** | ● | 50 | 6 | 22 | 40 | 6 | | | | 2508-M10x30 |

**KAPR=90°**





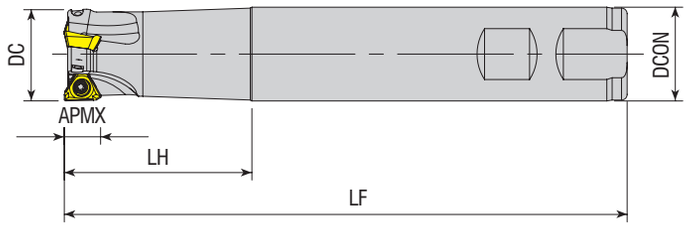

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | LH | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| **AEM90-AP09-D16-C16-L100-Z02-H** | ● | 16 | 2 | 16 | 100 | 30 | 8.8 | **APKT 09T3..** | 3008-M2.5x5 | 82-T08 |
| **AEM90-AP09-D16-C15-L150-Z02** | ● | 16 | 2 | 15 | 150 | 25 | 8.8 | | | |
| **AEM90-AP09-D16-W16-L150-Z02-H** | ● | 16 | 2 | 16 | 150 | 25 | 8.8 | | | |
| **AEM90-AP09-D16-C16-L200-Z02-H** | ● | 16 | 2 | 16 | 200 | 100 | 8.8 | | | |
| **AEM90-AP09-D17-C16-L150-Z02** | ● | 17 | 2 | 16 | 150 | 25 | 8.8 | | | |
| **AEM90-AP09-D17-C16-L180-Z02-H** | ● | 17 | 2 | 16 | 180 | 25 | 8.8 | | | |
| **AEM90-AP09-D20-C20-L150-Z03-H** | ● | 20 | 3 | 20 | 150 | 50 | 8.8 | | | |
| **AEM90-AP09-D20-C20-L200-Z03-H** | ● | 20 | 3 | 20 | 200 | 100 | 8.8 | | | |
| **AEM90-AP09-D20-C20-L250-Z02-H** | ● | 20 | 2 | 20 | 250 | 150 | 8.8 | | | |
| **AEM90-AP09-D21-C20-L150-Z03** | ● | 21 | 3 | 20 | 150 | 25 | 8.8 | | 3008-M2.5x6 | |
| **AEM90-AP09-D21-C20-L180-Z02-H** | ● | 21 | 2 | 20 | 180 | 25 | 8.8 | | | |
| **AEM90-AP09-D26-C25-L150-Z04** | ● | 26 | 4 | 25 | 150 | 30 | 8.8 | | | |
| **AEM90-AP1204-D20-C20-L150-Z02** | ● | 20 | 2 | 20 | 150 | 30 | 12 | **AP.. 1204..** | 3010-M3.5x7 | 82-T10 |
| **AEM90-AP1204-D21-C20-L150-Z02** | ● | 21 | 2 | 20 | 150 | 30 | 12 | | | |
| **AEM90-AP1204-D21-C20-L200-Z02** | ● | 21 | 2 | 20 | 200 | 30 | 12 | | 3010-M3.5x9 | |
| **AEM90-AP1204-D22-C20-L200-Z02** | ● | 22 | 2 | 20 | 200 | 30 | 12 | | | |
| **AEM90-AP1204-D25-C25-L150-Z03** | ● | 25 | 3 | 25 | 150 | 40 | 12 | | | |
| **AEM90-AP1204-D25-C25-L250-Z03** | ● | 25 | 3 | 25 | 250 | 40 | 12 | | | |
| **AEM90-AP1204-D26-C25-L250-Z02** | ● | 26 | 2 | 25 | 250 | 35 | 12 | | | |
| **AEM90-AP1204-D32-C25-L150-Z03** | ● | 32 | 3 | 25 | 150 | 35 | 12 | | | |
| **AEM90-AP1705-D25-C25-L120-Z02** | ● | 25 | 2 | 25 | 120 | 40 | 16 | **AP.. 1705..** | 4015-M4x9 | 80-T15 |
| **AEM90-AP1705-D26-C25-L200-Z02** | ● | 26 | 2 | 25 | 200 | 40 | 16 | | | |
| **AEM90-AP1705-D26-C25-L250-Z02** | ● | 26 | 2 | 25 | 250 | 40 | 16 | | | |
| **AEM90-AP1705-D26-C25-L300-Z02** | ● | 26 | 2 | 25 | 300 | 40 | 16 | | | |
| **AEM90-AP1705-D28-W25-L075-Z02** | ● | 28 | 2 | 25 | 75 | 20 | 16 | | | |
| **AEM90-AP1705-D32-C25-L150-Z03** | ● | 32 | 3 | 25 | 150 | 40 | 16 | | | |
| **AEM90-AP1705-D33-C32-L250-Z03** | ● | 33 | 3 | 32 | 250 | 40 | 16 | | | |
| **AEM90-AP1705-D33-C32-L300-Z02** | ● | 33 | 2 | 32 | 300 | 40 | 16 | | | |

R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*

**TGTC** Ucuna Uygundur. / Compatible with **TGTC** Insert. / Kompatibel mit **TGTC** Wendeplatten.

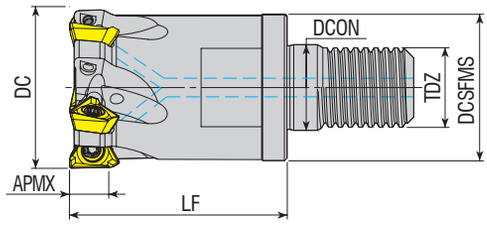
**TGTC** Ucuna Uygundur. / Compatible with **TGTC** Insert. / Kompatibel mit **TGTC** Wendeplatten.

**KAPR=90°**




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | LH | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| AEM90-3P0603-D12-C12-L120-Z01-H | ● | 12 | 1 | 12 | 120 | 25 | 4.7 | **3PKT 0603** | 3006-M2x4 | 82-T06 |
| AEM90-3P0603-D16-W16-L120-Z03-H | ● | 16 | 3 | 16 | 120 | 25 | 4.7 | | | |
| AEM90-3P0603-D20-W20-L150-Z03-H | ● | 20 | 3 | 20 | 150 | 25 | 4.7 | | | |
| AEM90-3P0603-D25-W25-L150-Z05-H | ● | 25 | 5 | 25 | 150 | 25 | 4.7 | | | |
| AEM90-3P1004-D20-W20-L150-Z02 | ● | 20 | 2 | 20 | 150 | 70 | 7 | **3PKT 1004** | 1108-M2.5x6 | 82-T08 |
| AEM90-3P1004-D21-C20-L200-Z02 | ● | 21 | 2 | 20 | 200 | 30 | 7 | | | |
| AEM90-3P1004-D22-W20-L150-Z02 | ● | 22 | 2 | 20 | 150 | 30 | 7 | | | |
| AEM90-3P1004-D25-W25-L150-Z03 | ● | 25 | 3 | 25 | 150 | 40 | 7 | | | |
| AEM90-3P1004-D26-C25-L200-Z02 | ○ | 26 | 2 | 25 | 200 | 30 | 7 | | | |
| AEM90-3P1004-D26-C25-L250-Z02 | ● | 26 | 2 | 25 | 250 | 30 | 7 | | | |
| AEM90-3P1004-D33-C32-L200-Z03 | ● | 33 | 3 | 32 | 200 | 30 | 7 | | | |
| AEM90-3P1004-D33-C32-L250-Z03 | ● | 33 | 3 | 32 | 250 | 30 | 7 | | | |
| AEM90-3P1505-D32-W32-L150-Z03 | ● | 32 | 3 | 32 | 150 | 50 | 11 | **3PKT 1505** | 1115-M4x10 | 80-T15 |
| AEM90-3P1505-D38-W32-L150-Z03 | ● | 38 | 3 | 32 | 150 | 35 | 11 | | | |
| AEM90-3P1505-D40-W32-L150-Z04 | ● | 40 | 4 | 32 | 150 | 35 | 11 | | | |

**KAPR=90°**



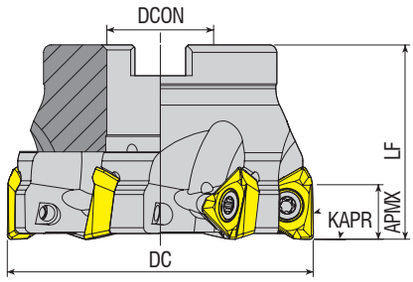

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCSFMS | TDZ | LF | DCON | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| AEM90-3P1004-D20-M10-L35-Z02 | ● | 20 | 2 | 18 | M10 | 35 | 10.5 | 7 | **3P.T 1004** | 1108-M2.5x6 | 82-T08 |
| AEM90-3P1004-D32-M16-L43-Z05-H | ● | 32 | 5 | 29 | M16 | 43 | 17 | 7 | | | |

R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**TGTC** Ucuna Uygundur. / Compatible with **TGTC** Insert. / Kompatibel mit **TGTC** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AEM90-3P0603-D12-C12-L120-Z01-H
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*

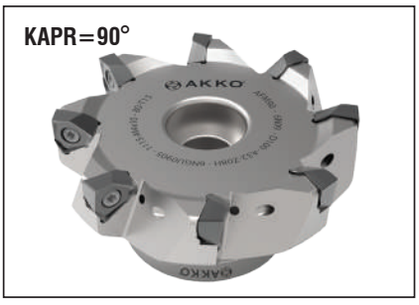
**TGTC** Ucuna Uygundur. / Compatible with **TGTC** Insert. / Kompatibel mit **TGTC** Wendeplatten.

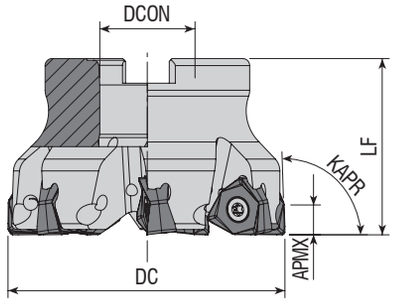
**KAPR=90°**




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| **AFM90-3P1004-D040-A16-Z05-H** | ● | 40 | 5 | 16 | 40 | 7 | **3PKT 1004..** | 1108-M2.5x6 | 82-T08 | 2506-M8x30 |
| **AFM90-3P1004-D050-A22-Z06-H** | ● | 50 | 6 | 22 | 40 | 7 | | | | |
| **AFM90-3P1505-D050-A22-Z04-H** | ● | 50 | 4 | 22 | 40 | 11 | **3PKT 1505..** | 1115-M4x10 | 80-T15 | 2508-M10x30 |
| **AFM90-3P1505-D050-A22-Z05-H** | ● | 50 | 5 | 22 | 40 | 11 | | | | |
| **AFM90-3P1505-D063-A22-Z04-H** | ● | 63 | 4 | 22 | 40 | 11 | | | | |
| **AFM90-3P1505-D063-A22-Z06-H** | ● | 63 | 6 | 22 | 40 | 11 | | | | |
| **AFM90-3P1505-D080-A27-Z07-H** | ● | 80 | 7 | 27 | 50 | 11 | | | | 2510-M12x35 |
| **AFM90-3P1505-D100-A32-Z08-H** | ● | 100 | 8 | 32 | 50 | 11 | | | | 2514-M16x35 |
| **AFM90-3P1505-D125-B40-Z10** | ● | 125 | 10 | 40 | 63 | 11 | | | | - |
| **AFM90-3P1906-D080-A27-Z07-H** | ● | 80 | 7 | 27 | 50 | 15 | **3PKT 1906..** | 1120-M4.5x12 | 80-T20 | 2514-M16x35 |
| **AFM90-3P1906-D100-A32-Z08-H** | ● | 100 | 8 | 32 | 50 | 15 | | | | |
| **AFM90-3P1906-D125-B40-Z10** | ● | 125 | 10 | 40 | 63 | 15 | | | | |

**KAPR=90°**





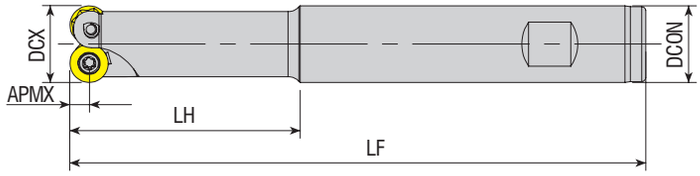

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| **AFM90-6N09-D050-A22-Z05-H** | ○ | 50 | 5 | 22 | 40 | 9 | **6NGU 0905..** | 1115-M4x10 | 80-T15 | 2508-M10x30 |
| **AFM90-6N09-D063-A22-Z06-H** | ● | 63 | 6 | 22 | 40 | 9 | | | | |
| **AFM90-6N09-D080-A27-Z07-H** | ○ | 80 | 7 | 27 | 50 | 9 | | | | 2510-M12x35 |
| **AFM90-6N09-D100-A32-Z08-H** | ● | 100 | 8 | 32 | 50 | 9 | | | | 2514-M16x35 |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

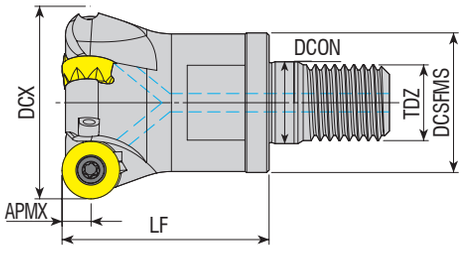
**TGTC** Ucuna Uygundur. / Compatible with **TGTC** Insert. / Kompatibel mit **TGTC** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AFM90-3P1004-D040-A16-Z05-H
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*

**TGTC** Ucuna Uygundur. / Compatible with **TGTC** Insert. / Kompatibel mit **TGTC** Wendeplatten.




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | DCON | LF | LH | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| **AEMR-RY08-D16-W16-L150-Z02** | ● | 16 | 2 | 16 | 150 | 55 | 4 | **RYMX 0803..** | 4010-M3x6 | 82-T10 |
| **AEMR-RY10-D20-W20-L150-Z02** | ● | 20 | 2 | 20 | 150 | 60 | 5 | | | |
| **AEMR-RY10-D20-C20-L200-Z02** | ● | 20 | 2 | 20 | 200 | 100 | 5 | | | |
| **AEMR-RY10-D21-W20-L200-Z02-H** | ● | 21 | 2 | 20 | 200 | 30 | 5 | | | |
| **AEMR-RY10-D25-W25-L150-Z02** | ● | 25 | 2 | 25 | 150 | 60 | 5 | **RYMX 1004..** | 4015-M3.5x8 | 80-T15 |
| **AEMR-RY10-D26-W25-L200-Z02-H** | ● | 26 | 2 | 25 | 200 | 60 | 5 | | | |
| **AEMR-RY10-D32-W32-L160-Z04-H** | ● | 32 | 4 | 32 | 160 | 60 | 5 | | | |
| **AEMR-RY12-D32-C25-L160-Z03** | ● | 32 | 3 | 25 | 160 | 30 | 6 | **RYMX 1205..** | 4015-M4x11 | |

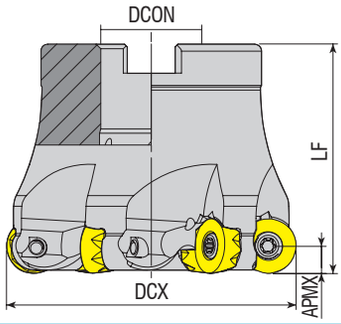



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | DCSFMS | TDZ | LF | DCON | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| **AEMR-RY10-D25-M12-L43-Z03-H** | ● | 25 | 3 | 21 | M12 | 43 | 12.5 | 5 | | | |
| **AEMR-RY10-D32-M16-L43-Z04-H** | ● | 32 | 4 | 29 | M16 | 43 | 17 | 5 | **RYMX 1004..** | 4015-M3.5x9 | |
| **AEMR-RY10-D40-M16-L43-Z05-H** | ● | 40 | 5 | 29 | M16 | 43 | 17 | 5 | | | 80-T15 |
| **AEMR-RY12-D32-M16-L43-Z03-H** | ● | 32 | 3 | 29 | M16 | 43 | 17 | 6 | **RYMX 1205..** | 4015-M4x9 | |
| **AEMR-RY12-D40-M16-L43-Z03-H** | ● | 40 | 3 | 29 | M16 | 43 | 17 | 6 | | | |

R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager*  ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**TGTC** Ucuna Uygundur. / Compatible with **TGTC** Insert. / Kompatibel mit **TGTC** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AEMR-RY08-D16-W16-L150-Z02
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*

**TGTC** Ucuna Uygundur. / Compatible with **TGTC** Insert. / Kompatibel mit **TGTC** Wendeplatten.

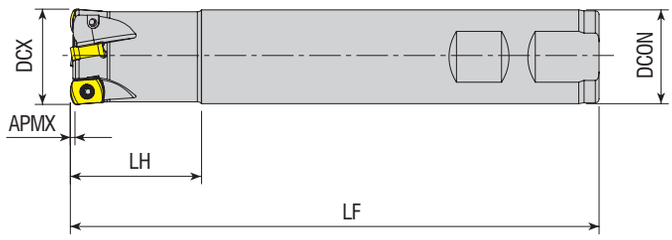



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| **AFMR-RY10-D040-A16-Z04-H** | ● | 40 | 4 | 16 | 40 | 5 | **RYMX 1004..** | 4015-M3.5x11 | 80-T15 | 2406-M8x30 |
| **AFMR-RY10-D040-A16-Z05-H** | ● | 40 | 5 | 16 | 40 | 5 | | | | 2506-M8x30 |
| **AFMR-RY10-D050-A22-Z05-H** | ● | 50 | 5 | 22 | 50 | 5 | | | | 2508-M10x30 |
| **AFMR-RY10-D063-A22-Z06-H** | ● | 63 | 6 | 22 | 50 | 5 | | | | |
| **AFMR-RY12-D040-A16-Z04-H** | ● | 40 | 4 | 16 | 40 | 6 | **RYMX 1205..** | 4015-M4x11 | | 2406-M8x30 |
| **AFMR-RY12-D050-A22-Z05-H** | ● | 50 | 5 | 22 | 50 | 6 | | | | 2508-M10x30 |
| **AFMR-RY12-D052-A22-Z05-H** | ● | 52 | 5 | 22 | 50 | 6 | | | | |
| **AFMR-RY12-D063-A22-Z06-H** | ● | 63 | 6 | 22 | 50 | 6 | | | | |
| **AFMR-RY12-D080-A27-Z06-H** | ● | 80 | 6 | 27 | 50 | 6 | | | | 2510-M12x35 |
| **AFMR-RY12-D100-A32-Z07-H** | ● | 100 | 7 | 32 | 50 | 6 | | | | 2514-M16x35 |

R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**TGTC** Ucuna Uygundur. / Compatible with **TGTC** Insert. / Kompatibel mit **TGTC** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AFMR-RY10-D040-A16-Z04-H
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*

**TGTC** Ucuna Uygundur. / Compatible with **TGTC** Insert. / Kompatibel mit **TGTC** Wendeplatten.

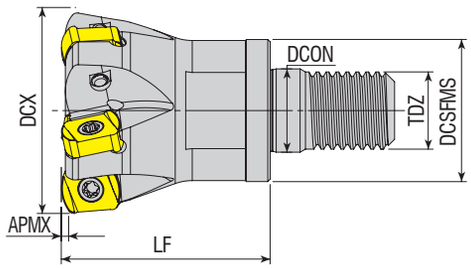



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | DCON | LF | LH | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| AHFM-BL0603-D16-C15-L150-Z02 | ● | 16 | 2 | 15 | 150 | 20 | 1 | | | |
| AHFM-BL0603-D16-C16-L100-Z02-H | ● | 16 | 2 | 16 | 100 | 30 | 1 | | | |
| AHFM-BL0603-D16-C16-L150-Z02 | ● | 16 | 2 | 16 | 150 | 50 | 1 | | | |
| AHFM-BL0603-D17-C16-L150-Z02 | ● | 17 | 2 | 16 | 150 | 20 | 1 | | | |
| AHFM-BL0603-D17-W16-L170-Z02 | ● | 17 | 2 | 16 | 170 | 20 | 1 | | | |
| AHFM-BL0603-D17-W16-L170-Z02-H | ● | 17 | 2 | 16 | 170 | 20 | 1 | | | |
| AHFM-BL0603-D17-C16-L200-Z02 | ● | 17 | 2 | 16 | 200 | 20 | 1 | | | |
| AHFM-BL0603-D18-C16-L150-Z02 | ● | 18 | 2 | 16 | 150 | 20 | 1 | | | |
| AHFM-BL0603-D18-W16-L150-Z02-H | ● | 18 | 2 | 16 | 150 | 20 | 1 | | | |
| AHFM-BL0603-D20-C20-L130-Z03 | ● | 20 | 3 | 20 | 130 | 50 | 1 | | | |
| AHFM-BL0603-D20-C20-L160-Z03 | ● | 20 | 3 | 20 | 160 | 50 | 1 | | | |
| AHFM-BL0603-D21-C20-L200-Z03 | ● | 21 | 3 | 20 | 200 | 25 | 1 | **BLMP 0603..** | 3008-M2.5x6 | 82-T08 |
| AHFM-BL0603-D21-W20-L200-Z03 | ● | 21 | 3 | 20 | 200 | 25 | 1 | | | |
| AHFM-BL0603-D22-W20-L150-Z03 | ● | 22 | 3 | 20 | 150 | 20 | 1 | | | |
| AHFM-BL0603-D25-C25-L250-Z04 | ● | 25 | 4 | 25 | 250 | 40 | 1 | | | |
| AHFM-BL0603-D26-C25-L150-Z04 | ● | 26 | 4 | 25 | 150 | 35 | 1 | | | |
| AHFM-BL0603-D26-C25-L200-Z04 | ● | 26 | 4 | 25 | 200 | 35 | 1 | | | |
| AHFM-BL0603-D26-W25-L200-Z04 | ● | 26 | 4 | 25 | 200 | 35 | 1 | | | |
| AHFM-BL0603-D26-C25-L250-Z04 | ● | 26 | 4 | 25 | 250 | 35 | 1 | | | |
| AHFM-BL0603-D30-C25-L150-Z05 | ● | 30 | 5 | 25 | 150 | 40 | 1 | | | |
| AHFM-BL0603-D32-C32-L150-Z05 | ● | 32 | 5 | 32 | 150 | 70 | 1 | | | |
| AHFM-BL0603-D32-C32-L200-Z05 | ● | 32 | 5 | 32 | 200 | 120 | 1 | | | |
| AHFM-BL0603-D33-C32-L150-Z05 | ● | 33 | 5 | 32 | 150 | 40 | 1 | | | |
| AHFM-BL0603-D33-C32-L200-Z05 | ● | 33 | 5 | 32 | 200 | 40 | 1 | | | |
| AHFM-BL0603-D33-C32-L250-Z05 | ● | 33 | 5 | 32 | 250 | 40 | 1 | | | |
| AHFM-BL0904-D28-W25-L180-Z03 | ● | 28 | 3 | 25 | 180 | 30 | 1.5 | **BLMP 0904..** | 3010-M3.5x9 | 82-T10 |

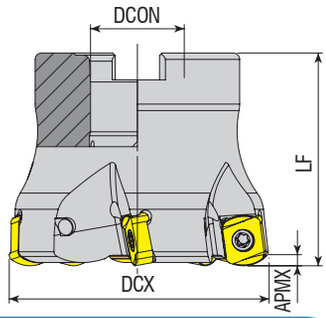
R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**TGTC** Ucuna Uygundur. / Compatible with **TGTC** Insert. / Kompatibel mit **TGTC** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AHFM-BL0603-D16-C15-L150-Z02
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*

**TGTC** Ucuna Uygundur. / Compatible with **TGTC** Insert. / Kompatibel mit **TGTC** Wendeplatten.




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | DCSFMS | TDZ | LF | DCON | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| **AHFM-BL0603-D17-M08-L35-Z02-H** | ● | 17 | 2 | 16 | M08 | 35 | 8.5 | 1 | **BLMP 0603..** | 3008-M2.5x6 | 82-T08 |
| **AHFM-BL0603-D20-M10-L30-Z03-H** | ● | 20 | 3 | 18 | M10 | 30 | 10.5 | 1 | | | |
| **AHFM-BL0603-D21-M10-L35-Z03-H** | ● | 21 | 3 | 19 | M10 | 35 | 10.5 | 1 | | | |
| **AHFM-BL0603-D25-M12-L35-Z04-H** | ● | 25 | 4 | 21 | M12 | 35 | 12.5 | 1 | | | |
| **AHFM-BL0603-D32-M16-L40-Z05-H** | ● | 32 | 5 | 29 | M16 | 40 | 17 | 1 | | | |
| **AHFM-BL0904-D32-M16-L40-Z04-H** | ● | 32 | 4 | 29 | M16 | 40 | 17 | 1.5 | | | |
| **AHFM-BL0904-D32-M16-L43-Z04-H** | ● | 32 | 4 | 29 | M16 | 43 | 17 | 1.5 | **BLMP 0904..** | 3010-M3.5x9 | 82-T10 |
| **AHFM-BL0904-D42-M16-L43-Z05-H** | ● | 42 | 5 | 29 | M16 | 43 | 17 | 1.5 | | | |

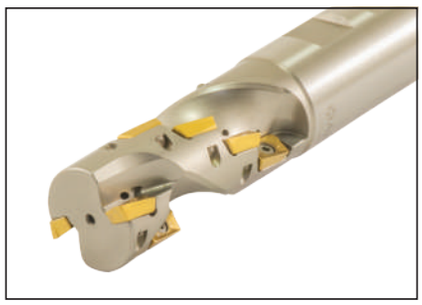


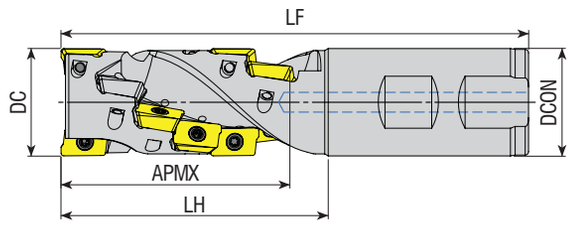

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| **AHFM-BL0603-D040-A16-Z06-H** | ● | 40 | 6 | 16 | 40 | 1 | **BLMP 0603..** | 3008-M2.5x6 | 82-T08 | 2506-M8x30 |
| **AHFM-BL0603-D050-A22-Z07-H** | ● | 50 | 7 | 22 | 50 | 1 | | | | |
| **AHFM-BL0904-D040-A16-Z05-H** | ● | 40 | 5 | 16 | 40 | 2 | | | | |
| **AHFM-BL0904-D050-A22-Z06-H** | ● | 50 | 6 | 22 | 50 | 2 | | | | |
| **AHFM-BL0904-D063-A22-Z05-H** | ● | 63 | 5 | 22 | 50 | 2 | **BLMP 0904..** | 3010-M3.5x9 | 82-T10 | 2508-M10x30 |
| **AHFM-BL0904-D063-A22-Z07-H** | ● | 63 | 7 | 22 | 50 | 2 | | | | |

R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager*  ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**TGTC** Ucuna Uygundur. / Compatible with **TGTC** Insert. / Kompatibel mit **TGTC** Wendeplatten.

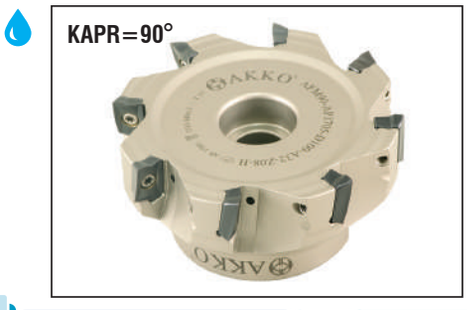
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AHFM-BL0603-D17-M08-L35-Z02-H
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*
Sıkma Tork Değeri : S 464 / *Tightening Torque : P 464* / *Anzugsmoment : P 464*

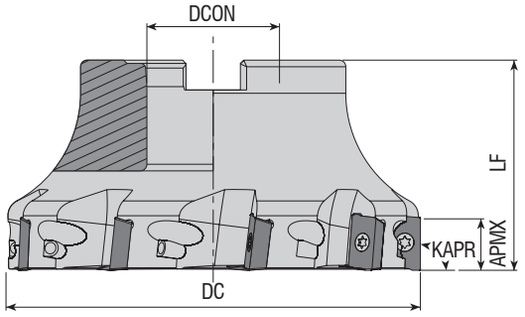
**TGTC** Ucuna Uygundur. / Compatible with **TGTC** Insert. / Kompatibel mit **TGTC** Wendeplatten.






| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | ZEFP | | DC | DCON | APMX | LH | LF | | | |
| | | Toplam *Total* *Gesamt* | Etkili *Effective* *Effektiv* | | | | | | | | |
| AHM90-AP1204-D32-W32-L140-Z0212-H | ● | 12 | 2 | 32 | 32 | 68 | 80 | 140 | **AP. 1204..** | 3010-M3.5x9 | 82-T10 |
| AHM90-AP1204-D40-W32-L160-Z0321-H | ● | 21 | 3 | 40 | 32 | 79 | 100 | 160 | | | |




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | | | |
| AFM90-AP1705-D050-A22-Z05-H | ● | 50 | 5 | 22 | 40 | 16 | **AP. 1705..** | 4015-M4x11 | 80-T15 | 2508-M10x30 |
| AFM90-AP1705-D063-A22-Z06-H | ● | 63 | 6 | 22 | 40 | 16 | | | | |
| AFM90-AP1705-D080-A27-Z07-H | ● | 80 | 7 | 27 | 50 | 16 | | | | 2510-M12x35 |
| AFM90-AP1705-D100-A32-Z08-H | ● | 100 | 8 | 32 | 50 | 16 | | | | 2514-M16x35 |

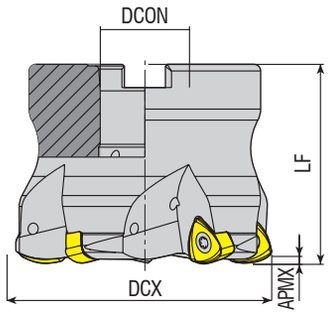
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*

● *Stokta / In Stock / Auf Lager* ○ *Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage*

**TGTC** Ucuna Uygundur. / Compatible with **TGTC** Insert. / Kompatibel mit **TGTC** Wendeplatten.

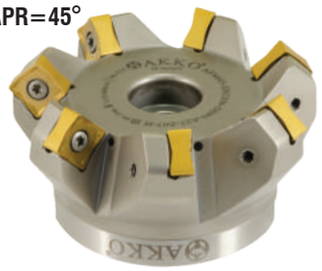
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AHM90-AP1204-D32-W32-L140-Z0212-H
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*
Montaj Ölçüleri : S 462 / *Mounting Reference : P 462* / *Montagehinweis : P462*

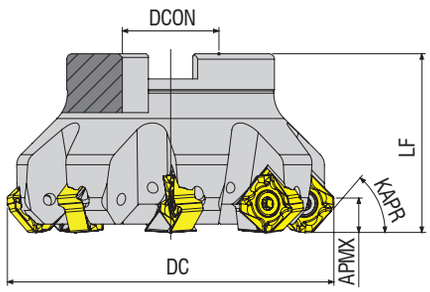
**TGTC** Ucuna Uygundur. / Compatible with **TGTC** Insert. / Kompatibel mit **TGTC** Wendeplatten.




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| **AHFM-BL1205-D050-A22-Z03-H** | ● | 50 | 3 | 22 | 40 | 2 | **BLMP 1205..** | 4015-M4x11 | 80-T15 | 2508-M10x30 |
| **AHFM-BL1205-D063-A22-Z04-H** | ● | 63 | 4 | 22 | 50 | 2 | | | | |
| **AHFM-BL1205-D080-A27-Z05-H** | ● | 80 | 5 | 27 | 60 | 2 | | | | 2510-M12x35 |

**KAPR=45°**






| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| **AFM45-SN1306-D050-A22-Z05-H** | ● | 50 | 5 | 22 | 40 | 7 | **SNGX 1306..** | 1115-M4x10 | 80-T15 | 2508-M10x30 |
| **AFM45-SN1306-D063-A22-Z06-H** | ● | 63 | 6 | 22 | 40 | 7 | | | | |
| **AFM45-SN1306-D080-A27-Z07-H** | ● | 80 | 7 | 27 | 50 | 7 | | | | 2510-M12x35 |
| **AFM45-SN1306-D100-A32-Z08-H** | ● | 100 | 8 | 32 | 50 | 7 | | | | 2514-M16x35 |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*

● *Stokta / In Stock / Auf Lager* ○ *Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage*

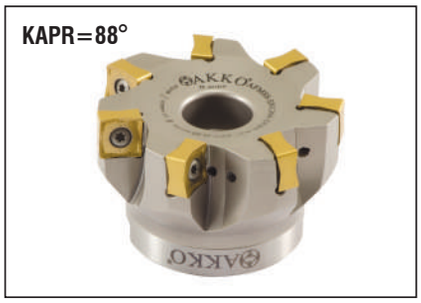
**TGTC** Ucuna Uygundur. / Compatible with **TGTC** Insert. / Kompatibel mit **TGTC** Wendeplatten.

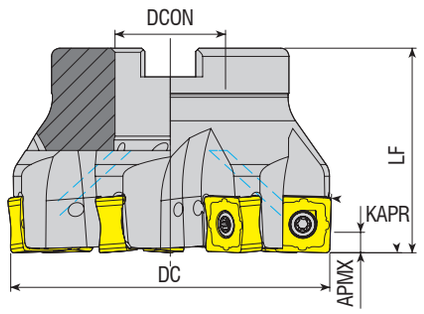
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AHFM-BL1205-D050-A22-Z03-H

Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*
Sıkma Tork Değeri : S 464 / *Tightening Torque : P 464* / *Anzugsmoment : P 464*

**TGTC** Ucuna Uygundur. / Compatible with **TGTC** Insert. / Kompatibel mit **TGTC** Wendeplatten.

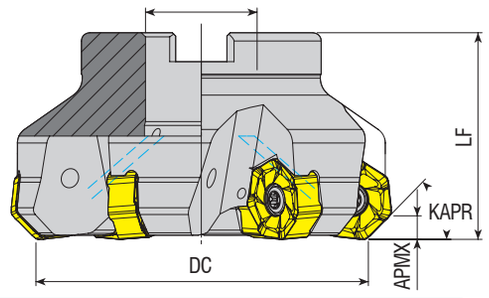
**KAPR=88°**






| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| AFM88-SN1306-D050-A22-Z05-H | ● | 50 | 5 | 22 | 40 | 12 | SNGX 1306.. | 1115-M4x10 | 80-T15 | 2508-M10x30 |
| AFM88-SN1306-D063-A22-Z06-H | ● | 63 | 6 | 22 | 40 | 12 | | | | |
| AFM88-SN1306-D080-A27-Z07-H | ● | 80 | 7 | 27 | 50 | 12 | | | | 2510-M12x35 |

**KAPR=45°**




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Baskı Parçası *Wedge Clamp* *Spannpratze* | Baskı Vidası *Clamp Screw* *Klemmschraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| AFM45-XN0906-D063-A22-Z06-H | ● | 63 | 6 | 22 | 50 | 5 | XNMU 0906.. | 1120-M5x13 | - | - | 80-T20 | 2407-M10x30 |
| AFM45-XN0906-D080-A27-Z06-H | ● | 80 | 6 | 27 | 50 | 5 | | | | | | 2510-M12x35 |
| AFM45-XN0906-D100-A32-Z07-H | ● | 100 | 7 | 32 | 55 | 5 | | | | | | 2514-M16x35 |
| AFM45-XN0906-D125-B40-Z08 | ● | 125 | 8 | 40 | 63 | 5 | | | | | | - |

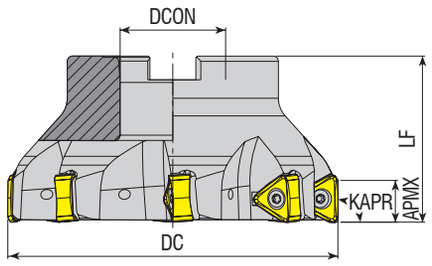
R: Sağ / Right / *Rechts*/ L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

**TGTC** Ucuna Uygundur. / Compatible with **TGTC** Insert. / Kompatibel mit **TGTC** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AFM88-SN1306-D050-A22-Z05-H
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*

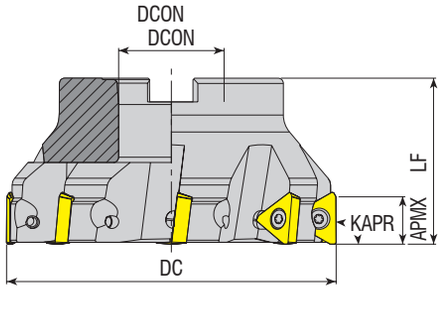
**TGTC** Ucuna Uygundur. / Compatible with **TGTC** Insert. / Kompatibel mit **TGTC** Wendeplatten.

**KAPR=90°**




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| **AFM90-TN2207-D063-A22-Z04-H** | ● | 63 | 4 | 22 | 40 | 15 | **TN.X 2207..** | 1120-M4.5x12 | 80-T20 | 2508-M10x30 |
| **AFM90-TN2207-D080-A27-Z05-H** | ● | 80 | 5 | 27 | 50 | 15 | | | | 2510-M12x35 |
| **AFM90-TN2207-D100-B32-Z06** | ● | 100 | 6 | 32 | 50 | 15 | | | | 2514-M16x35 |
| **AFM90-TN2207-D125-B40-Z08** | ● | 125 | 8 | 40 | 63 | 15 | | | | - |

**KAPR=90°**



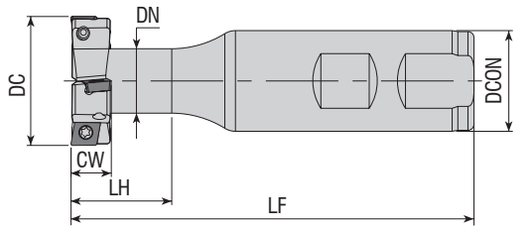

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| **AFM90-TP2205-D063-A22-Z04** | ● | 63 | 4 | 22 | 40 | 18 | **TPKT 2205..** | 1120-M4.5x12 | 80-T20 | 2508-M10x30 |
| **AFM90-TP2205-D080-A27-Z06** | ● | 80 | 6 | 27 | 50 | 18 | | | | 2510-M12x35 |
| **AFM90-TP2205-D100-A32-Z07** | ● | 100 | 7 | 32 | 50 | 18 | | | | 2514-M16X35 |
| **AFM90-TP2205-D125-B40-Z08** | ● | 125 | 8 | 40 | 63 | 18 | | | | |
| **AFM90-TP2205-D160-C40-Z09** | ● | 160 | 9 | 40 | 63 | 18 | | | | - |
| **AFM90-TP2205-D200-C60-Z12** | ● | 200 | 12 | 60 | 63 | 18 | | | | |

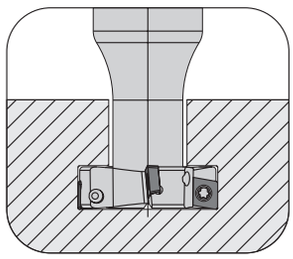
R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**TGTC** Ucuna Uygundur. / Compatible with **TGTC** Insert. / Kompatibel mit **TGTC** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AFM90-TN2207-D063-A22-Z04-H
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*

**TGTC** Ucuna Uygundur. / Compatible with **TGTC** Insert. / Kompatibel mit **TGTC** Wendeplatten.

**KAPR=90°**

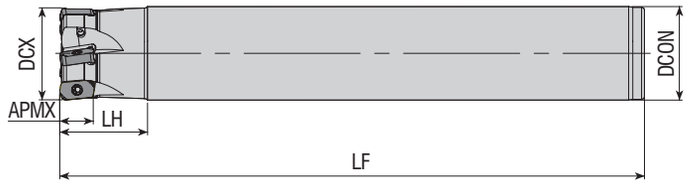


| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | ZEFP | | DC | CW | DCON | LF | DN | LH | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| | | Toplam *Total* *Gesamt* | Etkili *Effective* *Effektiv* | | | | | | | | | |
| ATSM90-SP..05-D22.5X5-W25-L100-Z04 | ● | 4 | 2 | 22.5 | 5 | 25 | 100 | 12 | 25 | **SPMG 050204** | 3006-M2x4 | 82-T06 |
| ATSM90-SP..05-D25X5-W25-L100-Z04 | ○ | 4 | 2 | 25 | 5 | 25 | 100 | 9 | 25 | | | |
| ATSM90-SP..05-D30X5-W25-L100-Z04 | ● | 4 | 2 | 30 | 5 | 25 | 100 | 10 | 25 | | | |
| ATSM90-SP..06-D80X7-W32-L120-Z10 | ● | 10 | 5 | 80 | 7 | 32 | 120 | 31.5 | 30 | **SPMG 060204** | 3007-M2.2x4.6 | 82-T07 |

**TGTC** Ucuna Uygundur. / Compatible with **TGTC** Insert. / Kompatibel mit **TGTC** Wendeplatten.

**TNGLY** Ucuna Uygundur. / Compatible with **TNGLY** Insert. / Kompatibel mit **TNGLY** Wendeplatten.




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | DCON | LF | LH | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| AHFM-LN0303-D16-C15-L150-Z02 | ● | 16 | 2 | 15 | 150 | 30 | 1 | **LNMU 0303..** | 3008-M2.5x6 | 82-T08 |
| AHFM-LN0303-D16-W16-L150-Z02-H | ● | 16 | 2 | 16 | 150 | 50 | 1 | | | |
| AHFM-LN0303-D17-C16-L150-Z02-H | ● | 17 | 2 | 16 | 150 | 30 | 1 | | | |
| AHFM-LN0303-D20-W20-L150-Z03-H | ● | 20 | 3 | 20 | 150 | 50 | 1 | | | |
| AHFM-LN0303-D21-C20-L150-Z03 | ● | 21 | 3 | 20 | 150 | 30 | 1 | | | |
| AHFM-LN0303-D25-W25-L150-Z04-H | ● | 25 | 4 | 25 | 150 | 50 | 1 | | | |
| AHFM-LN0303-D26-C25-L150-Z04 | ● | 26 | 4 | 25 | 150 | 30 | 1 | | | |
| AHFM-LN0303-D28-C25-L180-Z03 | ● | 28 | 3 | 25 | 180 | 30 | 1 | | | |
| AHFM-LN0303-D33-C32-L200-Z05 | ● | 33 | 5 | 32 | 200 | 30 | 1 | | | |

R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*

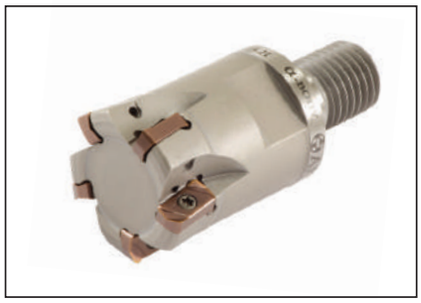
● Stokta / In Stock / *Auf Lager*  ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

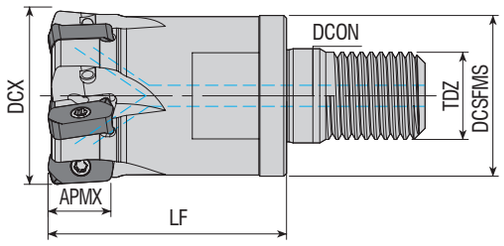
**TNGLY** Ucuna Uygundur. / Compatible with **TNGLY** Insert. / Kompatibel mit **TNGLY** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ATSM90-SP..05-D22.5X5-W25-L100-Z04

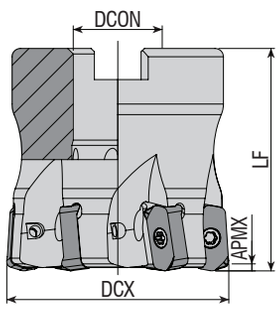
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*
Montaj Ölçüleri : S 462 / *Mounting Reference : P 462* / *Montagehinweis : P462*

**TNGLY** Ucuna Uygundur. / Compatible with **TNGLY** Insert. / Kompatibel mit **TNGLY** Wendeplatten.






| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | DCSFMS | TDZ | LF | DCON | APMX | | Sıkma Vidası *Screw* *Schraube* | Baskı Parçası *Wedge Clamp* *Spannpratze* | Baskı Vidası *Clamp Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| | | | | | | | | | | | | | |
| **AHFM-LN0303-D25-M12-L35-Z04-H** | ● | 25 | 4 | 21 | M12 | 35 | 12.5 | 12 | **LNMU 0303..** | 3008-M2.5x6 | - | - | 82-T08 |
| **AHFM-LN0303-D32-M16-L43-Z05-H** | ● | 32 | 5 | 29 | M16 | 43 | 17 | 12 | | | | | |
| **AHFM-LN0303-D42-M16-L43-Z06-H** | ● | 42 | 6 | 29 | M16 | 43 | 17 | 12 | | | | | |



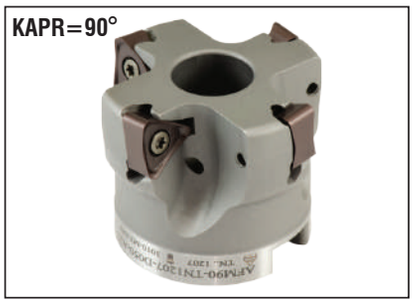

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| | | | | | | | | | | |
| **AHFM-LN0303-D040-A16-Z06-H** | ● | 40 | 6 | 16 | 40 | 12 | **LNMU 0303..** | 3008-M2.5X6 | 82-T08 | 2506-M8x30 |
| **AHFM-LN0303-D050-A22-Z07-H** | ● | 50 | 7 | 22 | 50 | 12 | | | | 2508-M10x30 |
| **AHFM-LN0303-D063-A22-Z09-H** | ● | 63 | 9 | 22 | 50 | 12 | | | | |

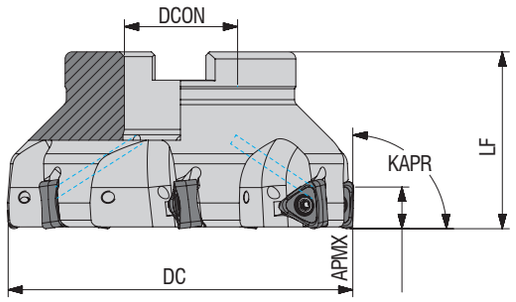
R: Sağ / Right / *Rechts*/ L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**TNGLY** Ucuna Uygundur. / Compatible with **TNGLY** Insert. / Kompatibel mit **TNGLY** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AHFM-LN0303-D25-M12-L35-Z04-H
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*
Sıkma Tork Değeri : S 464 / *Tightening Torque : P 464* / *Anzugsmoment : P 464*

## **TNGLY** Ucuna Uygundur. / Compatible with **TNGLY** Insert. / Kompatibel mit **TNGLY** Wendeplatten.

**KAPR=90°**



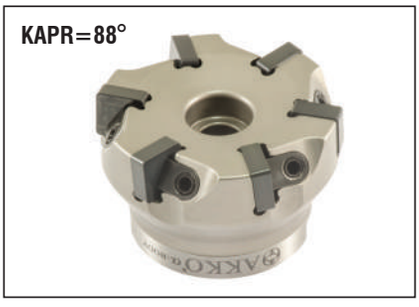


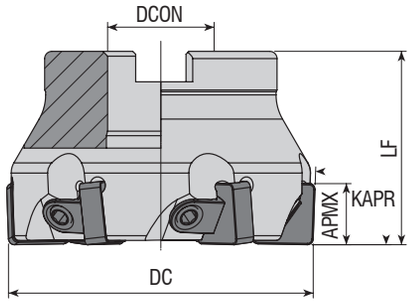

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| **AFM90-TN1207-D050-A22-Z04-H** | ● | 50 | 4 | 22 | 40 | 11 | **TNMU 1207..** | 3010-M3.5X9 | 82-T10 | 2407-M10x30 |
| **AFM90-TN1207-D063-A22-Z05-H** | ● | 63 | 5 | 22 | 40 | 11 | | | | |
| **AFM90-TN1207-D080-A27-Z06-H** | ● | 80 | 6 | 27 | 50 | 11 | | | | 2510-M12x35 |
| **AFM90-TN1207-D100-A32-Z07-H** | ● | 100 | 7 | 32 | 50 | 11 | | | | 2514-M16x35 |
| **AFM90-TN1207-D125-B40-Z08** | ● | 125 | 8 | 40 | 63 | 11 | | | | - |

**TNGLY** Ucuna Uygundur. / Compatible with **TNGLY** Insert. / Kompatibel mit **TNGLY** Wendeplatten.

## **UNIN** Ucuna Uygundur. / Compatible with **UNIN** Insert. / Kompatibel mit **UNIN** Wendeplatten.

**KAPR=88°**






| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Baskı Parçası *Wedge Clamp* *Spannpratze* | Baskı Vidası *Clamp Screw* *Klemmschraube* | Anahtar *Allen Key* *Innensechskantschlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| **AFM88C-SN1204-D050-A22-Z05** | ● | 50 | 5 | 22 | 40 | 11 | **SN.. 1204..** | ACK-21 | AKV-24-M6x1x18 | AAL-03-3 | 2408-M10x30 |
| **AFM88C-SN1204-D063-A22-Z06** | ● | 63 | 6 | 22 | 40 | 11 | | | | | |
| **AFM88C-SN1204-D080-A27-Z07** | ● | 80 | 7 | 27 | 50 | 11 | | | | | 2510-M12x35 |
| **AFM88C-SN1204-D100-A32-Z08** | ● | 100 | 8 | 32 | 50 | 11 | | | | | 2514-M16x35 |
| **AFM88C-SN1204-D125-B40-Z11** | ● | 125 | 11 | 40 | 63 | 11 | | | | | - |

R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*

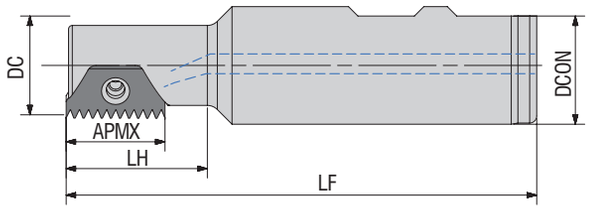
● Stokta / In Stock / *Auf Lager*  ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

**UNIN** Ucuna Uygundur. / Compatible with **UNIN** Insert. / Kompatibel mit **UNIN** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AFM90-TN1207-D050-A22-Z04-H

Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*
Sıkma Tork Değeri : S 464 / *Tightening Torque : P 464* / *Anzugsmoment : P 464*

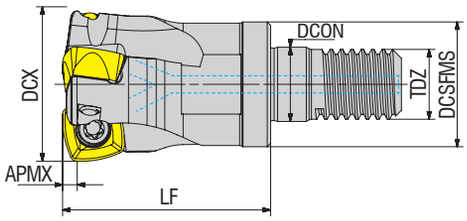
**VRGS** Ucuna Uygundur. / Compatible with **VRGS** Insert. / Kompatibel mit **VRGS** Wendeplatten.




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | LH | APMX | | | |
| ATM-3BEI-D21-W25-L100-Z01-H | ● | 21 | 1 | 25 | 100 | 30 | 21 | **3BEI..** | 1710-U5-40x8.8 | 82-T10 |
| ATM-3EI-D14-W20-L90-Z01-H | ● | 14 | 1 | 20 | 90 | 22 | 15.3 | **3E../3I..** | 1710-U5-40x7.2 | |
| ATM-3EI-D20-W25-L120-Z01-H | ● | 20 | 1 | 25 | 120 | 25 | 15.3 | | | |

**VRGS** Ucuna Uygundur. / Compatible with **VRGS** Insert. / Kompatibel mit **VRGS** Wendeplatten.

**WDA** Ucuna Uygundur. / Compatible with **WDA** Insert. / Kompatibel mit **WDA** Wendeplatten.



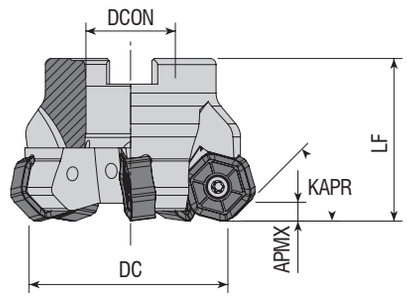

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Baskı Parçası *Wedge Clamp* *Spannpratze* | Baskı Vidası *Clamp Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | DCSFMS | TDZ | LF | DCON | APMX | | | | | |
| AHFM-XD0904WD-D26-M12-L35-Z03-H | ● | 26 | 3 | 21 | M12 | 35 | 12.5 | 1.5 | **XD.. 0904..** | 4015-M3.5x9 | - | - | 80-T15 |
| AHFM-XD0904WD-D33-M16-L43-Z04-H | ● | 33 | 4 | 29 | M16 | 43 | 17 | 1.5 | | | | | |

R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager*  ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**WDA** Ucuna Uygundur. / Compatible with **WDA** Insert. / Kompatibel mit **WDA** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ATM-3BEI-D21-W25-L100-Z01-H
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*
Sıkma Tork Değeri : S 464 / *Tightening Torque : P 464* / *Anzugsmoment : P 464*

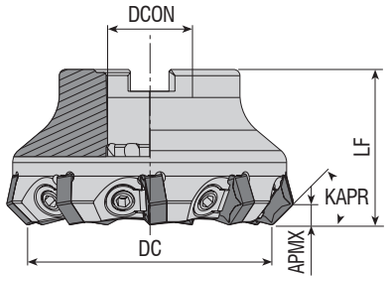
**WDA** Ucuna Uygundur. / Compatible with **WDA** Insert. / Kompatibel mit **WDA** Wendeplatten.

**KAPR=45°**




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| AFM45-HN0905-D050-A22-Z05-H | ● | 50 | 5 | 22 | 40 | 4.5 | HN.. 0905.. | 4015-M4x11 | 80-T15 | 2407-M10x30 |
| AFM45-HN0905-D063-A22-Z06-H | ● | 63 | 6 | 22 | 40 | 4.5 | | | | |
| AFM45-HN0905-D080-A27-Z07-H | ● | 80 | 7 | 27 | 50 | 4.5 | | | | 2510-M12x35 |
| AFM45L-HN0905-D100-A32-Z08-H | ● | 100 | 8 | 32 | 50 | 4.5 | | | | 2514-M16x35 |
| AFM45-HN0905-D125-B40-Z10 | ● | 125 | 10 | 40 | 63 | 4.5 | | | | |
| AFM45L-HN0905-D125-B40-Z10 | ● | 125 | 10 | 40 | 63 | 4.5 | | | | - |
| AFM45-HN0905-D160-C40-Z12 | ● | 160 | 12 | 40 | 63 | 4.5 | | | | |
| AFM45L-HN0905-D160-C40-Z12 | ● | 160 | 12 | 40 | 63 | 4.5 | | | | |
| AFM45-HN0905-D200-C60-Z16 | ● | 200 | 16 | 60 | 63 | 4.5 | | | | |
| AFM45L-HN0905-D200-C60-Z16 | ● | 200 | 16 | 60 | 63 | 4.5 | | | | |

**KAPR=45°**




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Baskı Parçası *Wedge Clamp* *Spannpratze* | Baskı Vidası *Clamp Screw* *Klemmschraube* | Anahtar *Allen Key* *Innensechskantschlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| AFM45C-HN0905-D063-A22-Z07 | ● | 63 | 7 | 22 | 40 | 4.5 | HN.. 0905.. | ACK-11 | AKV-15-M8x1x20 | AAL-05-4 | 2508-M10x30 |
| AFM45C-HN0905-D080-A27-Z09 | ● | 80 | 9 | 27 | 50 | 4.5 | | | | | 2510-M12x35 |
| AFM45C-HN0905-D100-A32-Z11 | ● | 100 | 11 | 32 | 50 | 4.5 | | | | | 2514-M16x35 |
| AFM45C-HN0905-D125-B40-Z13 | ● | 125 | 13 | 40 | 63 | 4.5 | | | | | |
| AFM45CL-HN0905-D125-B40-Z10 | ● | 125 | 10 | 40 | 63 | 4.5 | | | | | - |
| AFM45C-HN0905-D160-C40-Z15 | ● | 160 | 15 | 40 | 63 | 4.5 | | | | | |

R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*

● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

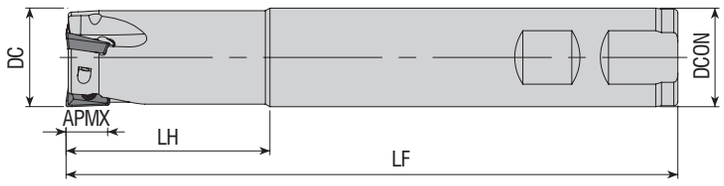
**WDA** Ucuna Uygundur. / Compatible with **WDA** Insert. / Kompatibel mit **WDA** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AFM45-HN0905-D050-A22-Z05-H

Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*

**WLTR** Ucuna Uygundur. / Compatible with **WLTR** Insert. / Kompatibel mit **WLTR** Wendeplatten.

**KAPR=90°**



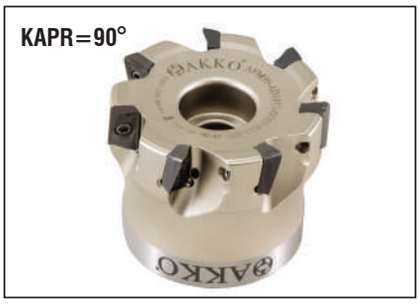

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | LH | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| AEM90-AD0803-D16-W16-L150-Z02 | ● | 16 | 2 | 16 | 150 | 30 | 8 | **ADMT 0803..** | 3008-M2.5x5 | |
| AEM90-AD0803-D17-W16-L150-Z02 | ● | 17 | 2 | 16 | 150 | 30 | 8 | | | |
| AEM90-AD0803-D17-W16-L200-Z02 | ● | 17 | 2 | 16 | 200 | 30 | 8 | | | |
| AEM90-AD0803-D20-W20-L150-Z03 | ● | 20 | 3 | 20 | 150 | 30 | 8 | | | |
| AEM90-AD0803-D21-W20-L200-Z03 | ● | 21 | 3 | 20 | 200 | 30 | 8 | | | |
| AEM90-AD10T3-D16-W16-L100-Z02-H | ● | 16 | 2 | 16 | 100 | 30 | 10 | **ADMT 10T3..** | 3008-M2.5x6 | 82-T08 |
| AEM90-AD10T3-D16-W16-L150-Z02 | ● | 16 | 2 | 16 | 150 | 40 | 10 | | | |
| AEM90-AD10T3-D16-C16-L200-Z02 | ● | 16 | 2 | 16 | 200 | 50 | 10 | | | |
| AEM90-AD10T3-D17-W16-L150-Z02 | ● | 17 | 2 | 16 | 150 | 30 | 10 | | | |
| AEM90-AD10T3-D17-W16-L200-Z02 | ● | 17 | 2 | 16 | 200 | 30 | 10 | | | |
| AEM90-AD10T3-D20-W20-L70-Z03 | ● | 20 | 3 | 20 | 70 | 30 | 10 | | | |
| AEM90-AD10T3-D20-W20-L100-Z03-H | ● | 20 | 3 | 20 | 100 | 30 | 10 | | | |
| AEM90-AD10T3-D20-W20-L150-Z03 | ● | 20 | 3 | 20 | 150 | 40 | 10 | | | |
| AEM90-AD10T3-D20-C20-L150-Z03 | ● | 20 | 3 | 20 | 150 | 40 | 10 | | | |
| AEM90-AD10T3-D20-C20-L200-Z03 | ● | 20 | 3 | 20 | 200 | 50 | 10 | | | |
| AEM90-AD10T3-D25-W25-L100-Z03-H | ● | 25 | 3 | 25 | 100 | 30 | 10 | | | |
| AEM90-AD10T3-D25-W25-L100-Z04-H | ● | 25 | 4 | 25 | 100 | 30 | 10 | | | |
| AEM90-AD10T3-D25-W25-L150-Z03 | ● | 25 | 3 | 25 | 150 | 50 | 10 | | | |
| AEM90-AD1204-D20-W20-L150-Z02 | ● | 20 | 2 | 20 | 150 | 50 | 12 | **ADMT 1204..** | 4010-M3x6 | 82-T10 |
| AEM90-AD1204-D21-C20-L150-Z02 | ● | 21 | 2 | 20 | 150 | 30 | 12 | | | |
| AEM90-AD1204-D22-C20-L150-Z02 | ● | 22 | 2 | 20 | 150 | 30 | 12 | | | |
| AEM90-AD1204-D25-W25-L150-Z03 | ● | 25 | 3 | 25 | 150 | 50 | 12 | | | |
| AEM90-AD1204-D26-W25-L180-Z03 | ● | 26 | 3 | 25 | 180 | 30 | 12 | | | |
| AEM90-AD1204-D32-W32-L150-Z04 | ● | 32 | 4 | 32 | 150 | 50 | 12 | | | |
| AEM90-AD1606-D25-W25-L150-Z02 | ● | 25 | 2 | 25 | 150 | 50 | 15 | **ADMT 1606..** | 4015-M4x9 | 80-T15 |
| AEM90-AD1606-D32-W32-L150-Z03 | ● | 32 | 3 | 32 | 150 | 50 | 15 | | | |

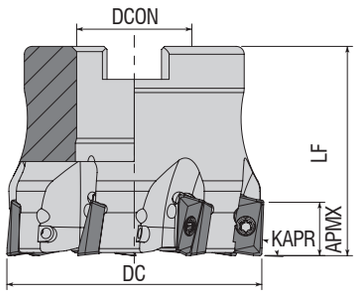
R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**WLTR** Ucuna Uygundur. / Compatible with **WLTR** Insert. / Kompatibel mit **WLTR** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AEM90-AD0803-D16-W16-L150-Z02
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*

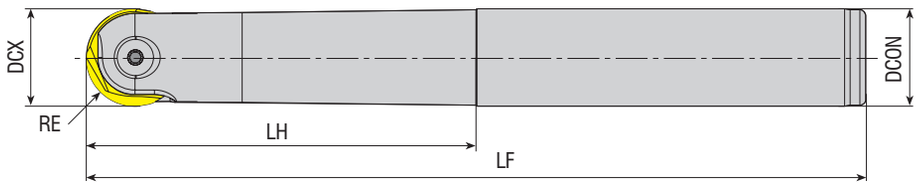
**WLTR** Ucuna Uygundur. / Compatible with **WLTR** Insert. / Kompatibel mit **WLTR** Wendeplatten.

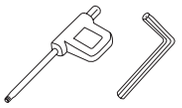
**KAPR=90°**






| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| **AFM90-AD10T3-D040-A16-Z06-H** | ● | 40 | 6 | 16 | 40 | 10 | **ADMT 10T3..** | 3008-M2.5x6 | 82-T08 | 2506-M8x30 |
| **AFM90-AD10T3-D050-A22-Z07-H** | ● | 50 | 7 | 22 | 40 | 10 | | | | 2508-M10x30 |

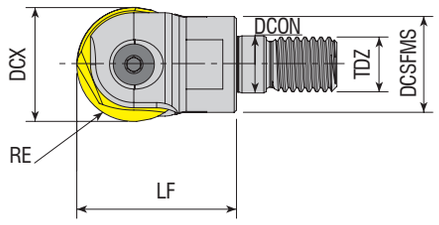



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|
| | | DCX | RE | DCON | LF | LH | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel*  |
| **APMR-P3208-D08-C10-L110** | ● | 8 | 4 | 10 | 110 | 25 | **P3208** | 1208-M3x7 | 82-T08 |
| **APMR-P3210-D10-C10-L130** | ● | 10 | 5 | 10 | 130 | 30 | **P3210** | 1215-M4x0.5x9 | 80-T15 |
| **APMR-P3210-D10-C12-L130** | ● | 10 | 5 | 12 | 130 | 30 | | | |
| **APMR-P3212-D12-C12-L130** | ● | 12 | 6 | 12 | 130 | 32 | **P3212** | 1220-M5x0.5x9 | 80-T20 |
| **APMR-P3216-D16-C16-L175** | ● | 16 | 8 | 16 | 175 | 75 | **P3216** | 1220-M5x0.5x12 | |
| **APMR-P3220-D20-C20-L200** | ● | 20 | 10 | 20 | 200 | 100 | **P3220** | 1220-M5x0.5x15 | |
| **APMR-P3225-D25-C25-L200** | ● | 25 | 12.5 | 25 | 200 | 100 | **P3225** | 1220-M6x0.75x20 | |
| **APMR-P3232-D32-C32-L200** | ● | 32 | 16 | 32 | 200 | 100 | **P3232** | 1204-M8x0.75x26 | AAL-05-4 |

R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**WLTR** Ucuna Uygundur. / Compatible with **WLTR** Insert. / Kompatibel mit **WLTR** Wendeplatten.

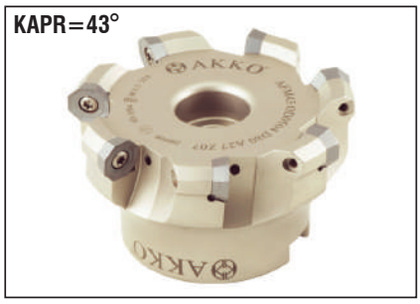
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AFM90-AD10T3-D040-A16-Z06-H
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*
Montaj Ölçüleri : S 462 / *Mounting Reference : P 462* / *Montagehinweis : P462*

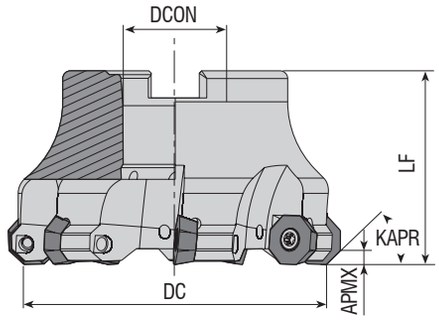
**WLTR** Ucuna Uygundur. / Compatible with **WLTR** Insert. / Kompatibel mit **WLTR** Wendeplatten.




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | RE | DCSFMS | TDZ | LF | DCON | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| new APMR-P3210-D10-M06-L20 | ● | 10 | 5 | 10 | M06 | 20 | 6.50 | **P3210** | 1215-M4x0.5x9 | 80-T15 |
| new APMR-P3212-D12-M06-L20 | ● | 12 | 6 | 10 | M06 | 20 | 6.50 | **P3212** | 1220-M5x0.5x9 | 80-T20 |
| APMR-P3216-D16-M08-L25 | ● | 16 | 8 | 14 | M08 | 25 | 8.5 | **P3216** | 1220-M5x0.5x12 | |
| APMR-P3220-D20-M10-L30 | ● | 20 | 10 | 18 | M10 | 30 | 10.5 | **P3220** | 1220-M5x0.5x15 | |
| APMR-P3225-D25-M12-L35 | ● | 25 | 12.5 | 21 | M12 | 35 | 12.5 | **P3225** | 1220-M6x0.75x20 | |
| APMR-P3232-D32-M16-L43 | ● | 32 | 16 | 29 | M16 | 43 | 17 | **P3232** | 1204-M8x0.75x26 | AAL-05-4 |

**KAPR=43°**






| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| AFM43-OD0504-D040-A16-Z04-H | ● | 40 | 4 | 16 | 40 | 3.5 | **OD.. 0504..** | 4015-M3.5x11 | 80-T15 | 2506-M8x30 |
| AFM43-OD0504-D050-A22-Z05-H | ● | 50 | 5 | 22 | 40 | 3.5 | | | | 2407-M10x30 |
| AFM43-OD0504-D063-A22-Z06-H | ● | 63 | 6 | 22 | 40 | 3.5 | | | | |
| AFM43-OD0504-D080-A27-Z07-H | ● | 80 | 7 | 27 | 50 | 3.5 | | | | 2510-M12x35 |
| AFM43-OD0504-D100-A32-Z08-H | ● | 100 | 8 | 32 | 50 | 3.5 | | | | 2514-M16x35 |

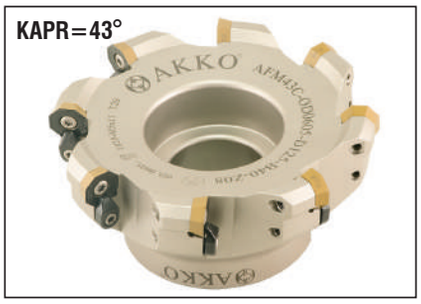
R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager*  ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

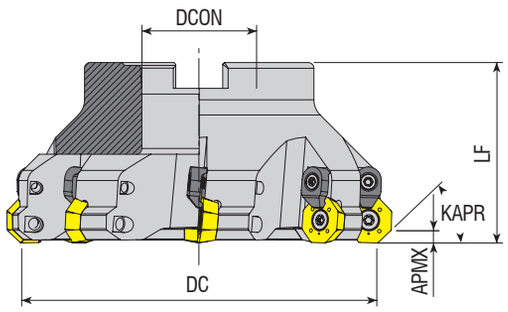
**WLTR** Ucuna Uygundur. / Compatible with **WLTR** Insert. / Kompatibel mit **WLTR** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück APMR-P3210-D10-M06-L20
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*
Sıkma Tork Değeri : S 464 / *Tightening Torque : P 464* / *Anzugsmoment : P 464*

**WLTR** Ucuna Uygundur. / Compatible with **WLTR** Insert. / Kompatibel mit **WLTR** Wendeplatten.

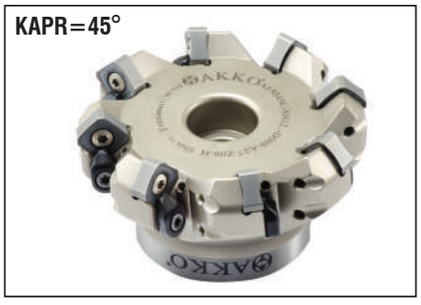
**KAPR=43°**

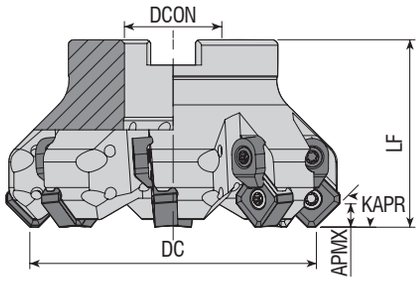





| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Baskı Parçası *Wedge Clamp* *Spannpratze* | Baskı Vidası *Clamp Screw* *Klemmschraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| AFM43C-OD0605-D080-A27-Z06-H | ● | 80 | 6 | 27 | 50 | 4 | **OD.. 0605..** | 1020-M5x11 | ACK-05 | 4015-M4x11 | 80-T20 | 2510-M12x35 |
| AFM43C-OD0605-D100-A32-Z07-H | ● | 100 | 7 | 32 | 50 | 4 | | | | | | 2514-M16x35 |
| AFM43C-OD0605-D125-B40-Z08 | ● | 125 | 8 | 40 | 63 | 4 | | | | | | - |

**KAPR=45°**






| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Baskı Parçası *Wedge Clamp* *Spannpratze* | Baskı Vidası *Clamp Screw* *Klemmschraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| AFM45C-SN12..-D050-A22-Z04-H | ● | 50 | 4 | 22 | 42 | 6 | **SN.. 12..** | 1015-M4x11 | ACK-05 | 4015-M4x11 | 80-T15 | |
| AFM45C-SN12..-D050-A22-Z05-H | ● | 50 | 5 | 22 | 42 | 6 | | | | | | |
| AFM45C-SN12..-D063-A22-Z06-H | ● | 63 | 6 | 22 | 42 | 6 | | | | | | 2407-M10X30 |
| AFM45C-SN12..-D063-A22-Z07-H | ● | 63 | 7 | 22 | 42 | 6 | | | | | | |
| AFM45CL-SN12..-D063-A22-Z07-H | ● | 63 | 7 | 22 | 42 | 6 | | | | | | |
| AFM45C-SN12..-D080-A27-Z07-H | ● | 80 | 7 | 27 | 52 | 6 | | | | | | |
| AFM45C-SN12..-D080-A27-Z08-H | ● | 80 | 8 | 27 | 52 | 6 | | | | | | 2510-M12x35 |
| AFM45CL-SN12..-D080-A27-Z08-H | ● | 80 | 8 | 27 | 52 | 6 | | | | | | |
| AFM45C-SN12..-D100-A32-Z08-H | ● | 100 | 8 | 32 | 52 | 6 | | | | | | |
| AFM45C-SN12..-D100-A32-Z10-H | ● | 100 | 10 | 32 | 52 | 6 | | | | | | 2514-M16x35 |
| AFM45CL-SN12..-D100-A32-Z10-H | ● | 100 | 10 | 32 | 52 | 6 | | | | | | |
| AFM45C-SN12..-D125-B40-Z11 | ● | 125 | 11 | 40 | 65 | 6 | | | | | | |
| AFM45CL-SN12..-D125-B40-Z11 | ● | 125 | 11 | 40 | 65 | 6 | | | | | | |
| AFM45C-SN12..-D160-C40-Z12 | ● | 160 | 12 | 40 | 65 | 6 | | | | | | - |
| AFM45C-SN12..-D200-C60-Z14 | ● | 200 | 14 | 60 | 65 | 6 | | | | | | |
| AFM45CL-SN12..-D200-C60-Z14 | ● | 200 | 14 | 60 | 65 | 6 | | | | | | |

R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*

● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

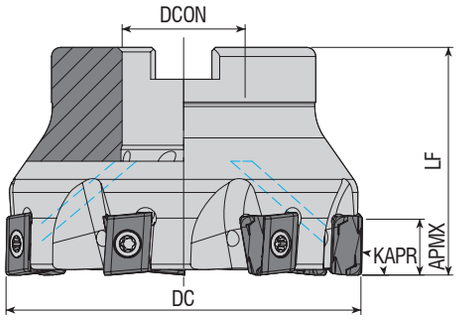
**WLTR** Ucuna Uygundur. / Compatible with **WLTR** Insert. / Kompatibel mit **WLTR** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AFM43C-OD0605-D080-A27-Z06-H

Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*
Montaj Ölçüleri : S 462 / *Mounting Reference : P 462* / *Montagehinweis : P462*

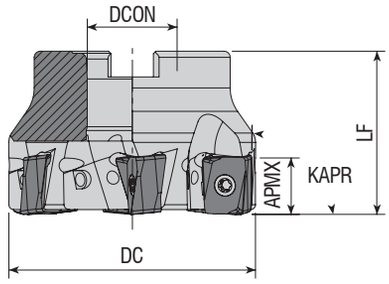
**WLTR** Ucuna Uygundur. / Compatible with **WLTR** Insert. / Kompatibel mit **WLTR** Wendeplatten.

**KAPR=90°**




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| **AFM90-LN1306W-D040-A16-Z04-H** | ● | 40 | 4 | 16 | 40 | 12 | **LNHU 1306..** | 4115-M4x12 | 80-T15 | 2506-M8x30 |
| **AFM90-LN1306W-D050-A22-Z05-H** | ● | 50 | 5 | 22 | 40 | 12 | | | | 2508-M10x30 |
| **AFM90-LN1306W-D063-A22-Z06-H** | ● | 63 | 6 | 22 | 40 | 12 | | | | |
| **AFM90-LN1306W-D080-A27-Z07-H** | ● | 80 | 7 | 27 | 50 | 12 | | | | 2510-M12x35 |
| **AFM90-LN1306W-D100-A32-Z08-H** | ● | 100 | 8 | 32 | 50 | 12 | | | | 2514-M16x35 |

**KAPR=90°**




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| **AFM90-LN1307-D050-A22-Z04-H** | ● | 50 | 4 | 22 | 40 | 13 | **LNGX 1307..** | 1315-M4x11 | 80-T15 | 2508-M10x30 |
| **AFM90-LN1307-D063-A22-Z06-H** | ● | 63 | 6 | 22 | 40 | 13 | | | | |
| **AFM90-LN1307-D080-A27-Z07-H** | ● | 80 | 7 | 27 | 50 | 13 | | | | 2510-M12x35 |
| **AFM90-LN1307-D100-A32-Z08-H** | ● | 100 | 8 | 32 | 50 | 13 | | | | 2514-M16x35 |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*

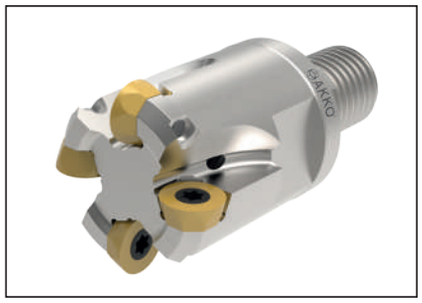
● *Stokta / In Stock / Auf Lager* ○ *Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage*

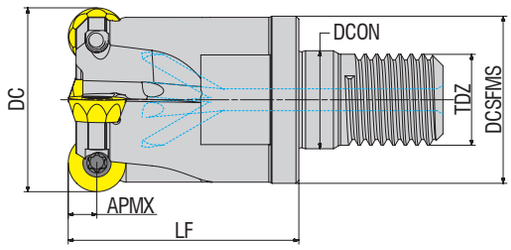
**WLTR** Ucuna Uygundur. / Compatible with **WLTR** Insert. / Kompatibel mit **WLTR** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AFM90-LN1306W-D040-A16-Z04-H

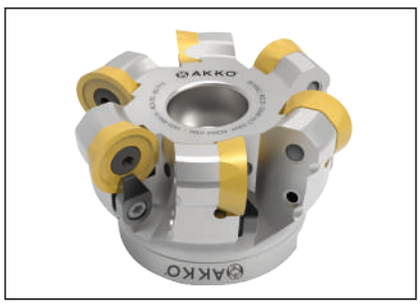
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*
Montaj Ölçüleri : S 462 / *Mounting Reference : P 462* / *Montagehinweis : P462*

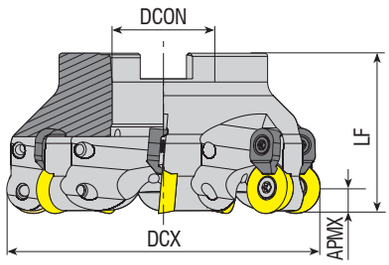
**WLTR** Ucuna Uygundur. / Compatible with **WLTR** Insert. / Kompatibel mit **WLTR** Wendeplatten.






| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Anahtar *Allen Key* Innensechskantschlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCSFMS | TDZ | LF | DCON | APMX | | | |
| AEMR-RO10-D20-M10-L30-Z02-H | ● | 20 | 2 | 18 | M10 | 30 | 10.5 | 5 | RO..10T3.. | 4015-M3.5x8 | 80-T15 |
| AEMR-RO10-D25-M12-L35-Z03-H | ● | 25 | 3 | 21 | M12 | 35 | 12.5 | 5 | | | |
| AEMR-RO10-D32-M16-L40-Z04-H | ● | 32 | 4 | 29 | M16 | 40 | 17 | 5 | | 4015-M3.5x9 | |
| AEMR-RO10-D35-M16-L40-Z04-H | ● | 35 | 4 | 29 | M16 | 40 | 17 | 5 | | | |
| AEMR-RO10-D42-M16-L40-Z05-H | ● | 42 | 5 | 29 | M16 | 40 | 17 | 5 | | | |





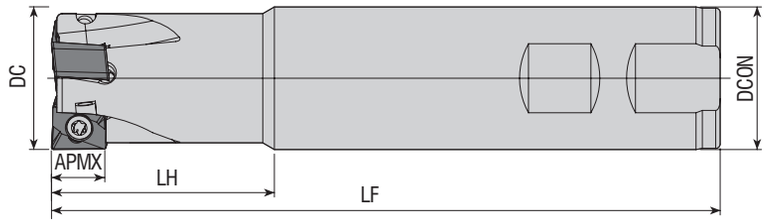

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Baskı Parçası *Wedge Clamp* *Spannpratze* | Baskı Vidası *Clamp Screw* *Klemmschraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | | | | | |
| AFMRC-RO20-D063-A22-Z05-H | ● | 63 | 5 | 22 | 50 | 10 | ROMX 2006 | 1020-M6x16 | ACK-05 | 4015-M4x11 | 80-T15 | 2508-M10X30 |
| AFMRC-RO20-D080-A27-Z06-H | ● | 80 | 6 | 27 | 50 | 10 | | | | | | 2510-M12X35 |

R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**WLTR** Ucuna Uygundur. / Compatible with **WLTR** Insert. / Kompatibel mit **WLTR** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AEMR-RO10-D20-M10-L30-Z02-H
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*

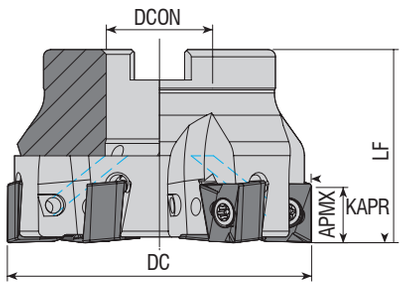
**XTC-GSC** Ucuna Uygundur. / Compatible with **XTC-GSC** Insert. / Kompatibel mit **XTC-GSC** Wendeplatten.

**KAPR=90°**




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | LH | APMX | | | |
| **AEM90-AN1207-D25-W25-L150-Z02** | ● | 25 | 2 | 25 | 150 | 40 | 10 | **ANKX 1207..** | 4015-M4x11 | 80-T15 |
| **AEM90-AN1207-D32-W32-L150-Z03** | ● | 32 | 3 | 32 | 150 | 50 | 10 | | | |
| **AEM90-AN1207-D40-W32-L150-Z04** | ● | 40 | 4 | 32 | 150 | 40 | 10 | | | |

**KAPR=90°**



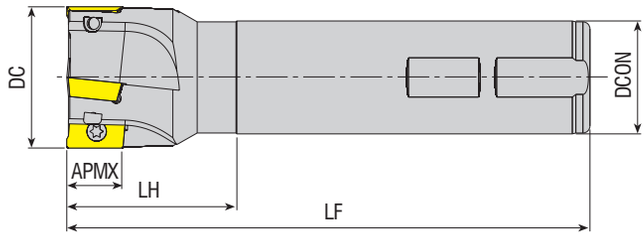

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | | | |
| **AFM90-AN1207-D040-A16-Z04-H** | ● | 40 | 4 | 16 | 40 | 10 | **ANKX 1207..** | 4015-M4x11 | 80-T15 | 2506-M8x30 |
| **AFM90-AN1207-D050-A22-Z05-H** | ● | 50 | 5 | 22 | 40 | 10 | | | | |
| **AFM90-AN1207-D063-A22-Z06-H** | ● | 63 | 6 | 22 | 40 | 10 | | | | 2508-M10x30 |
| **AFM90-AN1607X-D050-A22-Z04-H** | ● | 50 | 4 | 22 | 40 | 15 | | | | |
| **AFM90-AN1607X-D063-A22-Z06-H** | ● | 63 | 6 | 22 | 40 | 15 | | | | |
| **AFM90-AN1607X-D080-A27-Z07-H** | ● | 80 | 7 | 27 | 50 | 15 | **ANKX 1607..** | | | 2510-M12x35 |

R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

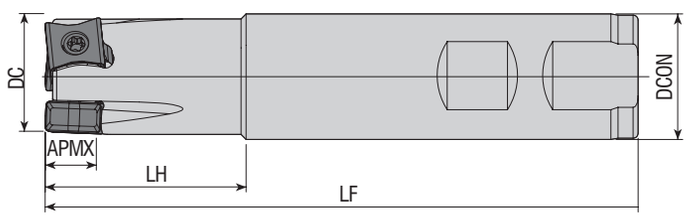
**XTC-GSC** Ucuna Uygundur. / Compatible with **XTC-GSC** Insert. / Kompatibel mit **XTC-GSC** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AEM90-AN1207-D25-W25-L150-Z02
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*

**XTC-GSC** Ucuna Uygundur. / Compatible with **XTC-GSC** Insert. / Kompatibel mit **XTC-GSC** Wendeplatten.




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | LH | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| AEM90-AP1135-D16-W16-L110-Z02-H | ● | 16 | 2 | 16 | 110 | 30 | 9.5 | **AP. 1135..** | 3008-M2.5x6 | 82-T08 |
| AEM90-AP1135-D16-W16-L150-Z02 | ● | 16 | 2 | 16 | 150 | 50 | 9.5 | | | |
| AEM90-AP1135-D20-W20-L125-Z03-H | ● | 20 | 3 | 20 | 125 | 30 | 9.5 | | | |
| AEM90-AP1135-D20-W20-L150-Z03 | ● | 20 | 3 | 20 | 150 | 50 | 9.5 | | | |
| AEM90-AP1135-D25-W25-L125-Z04-H | ● | 25 | 4 | 25 | 125 | 30 | 9.5 | | | |
| AEM90-AP1135-D25-W25-L200-Z04-H | ● | 25 | 4 | 25 | 200 | 100 | 9.5 | | | |
| AEM90-AP1135-D32-W32-L125-Z05-H | ● | 32 | 5 | 32 | 125 | 30 | 9.5 | | | |
| AEM90-AP1135-D32-W32-L200-Z04-H | ● | 32 | 4 | 32 | 200 | 100 | 9.5 | | | |



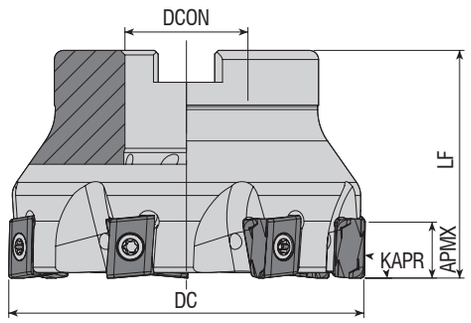

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | LH | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| AEM90-LN1106-D25-W25-L150-Z03 | ● | 25 | 3 | 25 | 150 | 40 | 10 | **LNMT 1106..** | 4015-M3.5x11 | 80-T15 |
| AEM90-LN1106-D32-W32-L150-Z04 | ● | 32 | 4 | 32 | 150 | 40 | 10 | | | |
| AEM90-LN1106-D40-W32-L150-Z05 | ● | 40 | 5 | 32 | 150 | 40 | 10 | | | |

R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager*  ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**XTC-GSC** Ucuna Uygundur. / Compatible with **XTC-GSC** Insert. / Kompatibel mit **XTC-GSC** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AEM90-AP1135-D16-W16-L110-Z02-H
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*

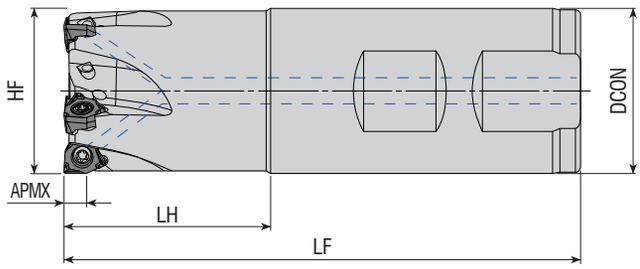
**XTC-GSC** Ucuna Uygundur. / Compatible with **XTC-GSC** Insert. / Kompatibel mit **XTC-GSC** Wendeplatten.

**KAPR=90°**




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| **AFM90-LN1506X-D063-A22-Z06** | ● | 63 | 6 | 22 | 40 | 7 | **LNMT 1506..** | 3015-M4x11 | 80-T15 | 2508-M10x30 |
| **AFM90-LN1506X-D080-A27-Z07** | ● | 80 | 7 | 27 | 50 | 7 | | | | 2510-M12x35 |
| **AFM90-LN1506X-D100-A32-Z08** | ● | 100 | 8 | 32 | 50 | 7 | | | | 2514-M16x35 |

**KAPR=90°**




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | LH | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| **AEM90-WNG04-D20-W20-L81-Z02-H** | ● | 20 | 2 | 20 | 81 | 31 | 4 | **WNGU 0403..** | 3008-M3x6 | 82-T08 |
| **AEM90-WNG04-D20-W20-L81-Z03-H** | ● | 20 | 3 | 20 | 81 | 31 | 4 | | | |
| **AEM90-WNG04-D20-C20-L170-Z02-H** | ● | 20 | 2 | 20 | 170 | 50 | 4 | | | |
| **AEM90-WNG04-D20-C20-L170-Z03-H** | ● | 20 | 3 | 20 | 170 | 50 | 4 | | | |
| **AEM90-WNG04-D25-W25-L88-Z03-H** | ● | 25 | 3 | 25 | 88 | 32 | 4 | | | |
| **AEM90-WNG04-D25-W25-L88-Z04-H** | ● | 25 | 4 | 25 | 88 | 32 | 4 | | | |
| **AEM90-WNG04-D25-C25-L170-Z02-H** | ● | 25 | 2 | 25 | 170 | 50 | 4 | | | |
| **AEM90-WNG04-D25-C25-L170-Z03-H** | ● | 25 | 3 | 25 | 170 | 50 | 4 | | | |
| **AEM90-WNG04-D32-W25-L100-Z05-H** | ● | 32 | 5 | 25 | 100 | 35 | 4 | | | |
| **AEM90-WNG04-D32-W32-L100-Z05-H** | ● | 32 | 5 | 32 | 100 | 40 | 4 | | | |
| **AEM90-WNG04-D32-C32-L170-Z03-H** | ● | 32 | 3 | 32 | 170 | 50 | 4 | | | |
| **AEM90-WNG04-D32-C25-L170-Z04-H** | ● | 32 | 4 | 25 | 170 | 35 | 4 | | | |
| **AEM90-WNG04-D32-C32-L170-Z04-H** | ● | 32 | 4 | 32 | 170 | 50 | 4 | | | |
| **AEM90-WNG08-D32-C32-L170-Z02-H** | ● | 32 | 2 | 32 | 170 | 50 | 7.5 | **WNGU 0806..** | 4015-M4x11 | 80-T15 |
| **AEM90-WNG08-D40-W32-L100-Z03-H** | ● | 40 | 3 | 32 | 100 | 35 | 7.5 | | | |
| **AEM90-WNG08-D40-W40-L110-Z03-H** | ● | 40 | 3 | 40 | 110 | 40 | 7.5 | | | |
| **AEM90-WNG08-D40-C32-L170-Z03-H** | ● | 40 | 3 | 32 | 170 | 35 | 7.5 | | | |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*

● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

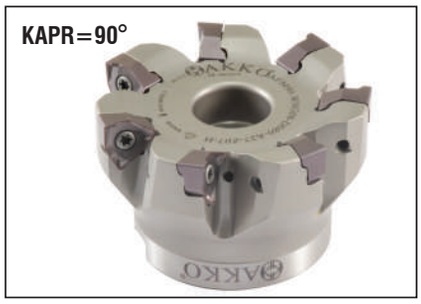
**XTC-GSC** Ucuna Uygundur. / Compatible with **XTC-GSC** Insert. / Kompatibel mit **XTC-GSC** Wendeplatten.

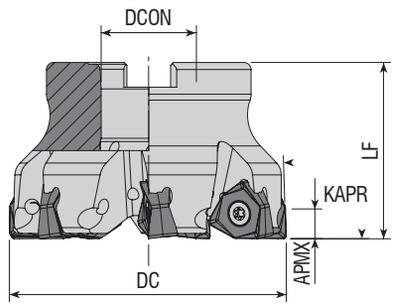
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AFM90-LN1506X-D063-A22-Z06

Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*

## **XTC-GSC** Ucuna Uygundur. / Compatible with **XTC-GSC** Insert. / Kompatibel mit **XTC-GSC** Wendeplatten.

**KAPR=90°**



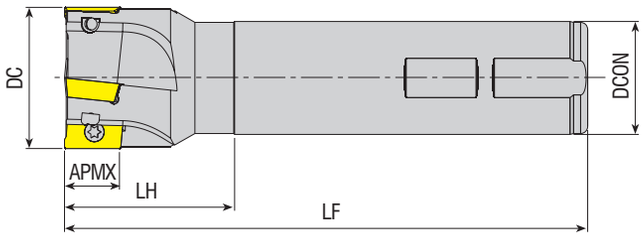



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| **AFM90-WNG04-D040-A16-Z06-H** | ● | 40 | 6 | 16 | 40 | 4 | **WNGU 0403..** | 3008-M3x6 | 82-T08 | 2506-M8x30 |
| **AFM90-WNG04-D050-A22-Z05-H** | ● | 50 | 5 | 22 | 40 | 4 | | | | |
| **AFM90-WNG04-D050-A22-Z07-H** | ● | 50 | 7 | 22 | 40 | 4 | | | | 2508-M10x30 |
| **AFM90-WNG04-D063-A22-Z06-H** | ● | 63 | 6 | 22 | 40 | 4 | | | | |
| **AFM90-WNG08-D050-A22-Z05-H** | ● | 50 | 5 | 22 | 40 | 7.5 | **WNGU 0806..** | 4015-M4x11 | 80-T15 | |
| **AFM90-WNG08-D063-A22-Z06-H** | ● | 63 | 6 | 22 | 40 | 7.5 | | | | |
| **AFM90-WNG08-D080-A27-Z07-H** | ● | 80 | 7 | 27 | 50 | 7.5 | | | | 2510-M12x35 |
| **AFM90-WNG08-D100-A32-Z07-H** | ● | 100 | 10 | 32 | 50 | 7.5 | | | | 2514-M16X35 |

**XTC-GSC** Ucuna Uygundur. / Compatible with **XTC-GSC** Insert. / Kompatibel mit **XTC-GSC** Wendeplatten.

## **YG** Ucuna Uygundur. / Compatible with **YG** Insert. / Kompatibel mit **YG** Wendeplatten.

**KAPR=90°**



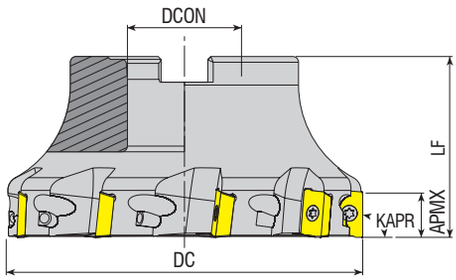

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | LH | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| **AEM90-AP1135Y-D16-C16-L120-Z02-H** | ● | 16 | 2 | 16 | 120 | 30 | 9.5 | **APMT 1135..** | 3008-M2.5x6 | 82-T08 |
| **AEM90-AP1135Y-D16-W16-L150-Z02** | ● | 16 | 2 | 16 | 150 | 50 | 9.5 | | | |
| **AEM90-AP1135Y-D17-C16-L150-Z02** | ● | 17 | 2 | 16 | 150 | 30 | 9.5 | | | |
| **AEM90-AP1135Y-D20-C20-L120-Z02** | ● | 20 | 2 | 20 | 120 | 30 | 9.5 | | | |
| **AEM90-AP1135Y-D20-W20-L150-Z03** | ● | 20 | 3 | 20 | 150 | 50 | 9.5 | | | |
| **AEM90-AP1135Y-D21-C20-L150-Z03** | ● | 21 | 3 | 20 | 150 | 30 | 9.5 | | | |
| **AEM90-AP1135Y-D25-W25-L150-Z03** | ● | 25 | 3 | 25 | 150 | 50 | 9.5 | | | |
| **AEM90-AP1135Y-D25-C25-L150-Z04-H** | ● | 25 | 4 | 25 | 150 | 30 | 9.5 | | | |
| **AEM90-AP1135Y-D26-C25-L150-Z03** | ● | 26 | 3 | 25 | 150 | 35 | 9.5 | | | |
| **AEM90-AP1135Y-D32-W25-L110-Z04** | ● | 32 | 4 | 25 | 110 | 35 | 9.5 | | | |
| **AEM90-AP16Y-D25-C20-L100-Z02-H** | ● | 25 | 2 | 20 | 100 | 35 | 16 | **AP.. 1604..** | 4015-M4x9 | 80-T15 |
| **AEM90-AP16Y-D25-C25-L120-Z02** | ● | 25 | 2 | 25 | 120 | 50 | 16 | | | |
| **AEM90-AP16Y-D25-C25-L150-Z02** | ● | 25 | 2 | 25 | 150 | 50 | 16 | | | |
| **AEM90-AP16Y-D25-C25-L250-Z02** | ● | 25 | 2 | 25 | 250 | 100 | 16 | | | |

**YG** Ucuna Uygundur. / Compatible with **YG** Insert. / Kompatibel mit **YG** Wendeplatten.

Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*

**YG** Ucuna Uygundur. / Compatible with **YG** Insert. / Kompatibel mit **YG** Wendeplatten.

**KAPR=90°**

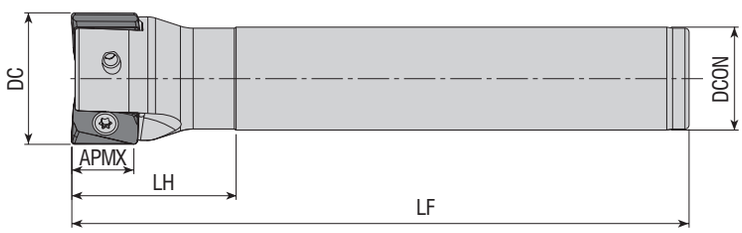



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| **AFM90-AP16Y-D040-A16-Z04-H** | ● | 40 | 4 | 16 | 40 | 16 | **AP.. 1604..** | 4015-M4x11 | 80-T15 | 2506-M8x30 |
| **AFM90-AP16Y-D050-A22-Z05-H** | ● | 50 | 5 | 22 | 40 | 16 | | | | |
| **AFM90-AP16Y-D063-A22-Z06-H** | ● | 63 | 6 | 22 | 40 | 16 | | | | 2508-M10x30 |
| **AFM90-AP16Y-D080-A27-Z07-H** | ● | 80 | 7 | 27 | 50 | 16 | | | | |
| **AFM90-AP16Y-D100-A32-Z08-H** | ● | 100 | 8 | 32 | 50 | 16 | | | | 2510-M12x35 |

**YG** Ucuna Uygundur. / Compatible with **YG** Insert. / Kompatibel mit **YG** Wendeplatten.

**ZCC** Ucuna Uygundur. / Compatible with **ZCC** Insert. / Kompatibel mit **ZCC** Wendeplatten.

**KAPR=90°**



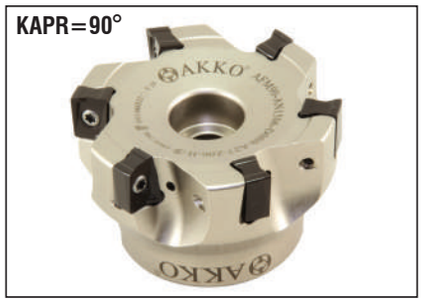

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | LH | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| **AEM90-AN11-D22-W20-L150-Z02** | ● | 22 | 2 | 20 | 150 | 30 | 11 | **ANGX 1105..** | 4010-M3x8 | 82-T10 |
| **AEM90-AN11-D25-W25-L150-Z02** | ● | 25 | 2 | 25 | 150 | 40 | 11 | | | |
| **AEM90-AN11-D25-C25-L200-Z02** | ● | 25 | 2 | 25 | 200 | 40 | 11 | | | |
| **AEM90-AN11-D26-W25-L150-Z02** | ● | 26 | 2 | 25 | 150 | 40 | 11 | | | |
| **AEM90-AN11-D28-W25-L150-Z02** | ● | 28 | 2 | 25 | 150 | 25 | 11 | | | |
| **AEM90-AN11-D32-W32-L150-Z03** | ● | 32 | 3 | 32 | 150 | 50 | 11 | | | |
| **AEM90-AN11-D32-C32-L200-Z03** | ● | 32 | 3 | 32 | 200 | 50 | 11 | | | |
| **AEM90-AN11-D40-W32-L150-Z04** | ● | 40 | 4 | 32 | 150 | 40 | 11 | | | |

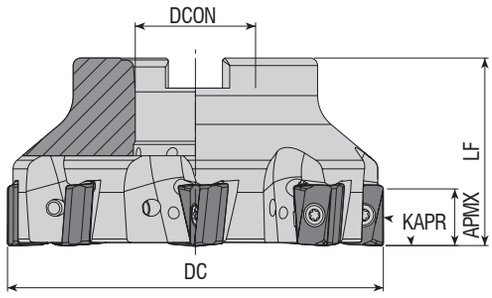
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**ZCC** Ucuna Uygundur. / Compatible with **ZCC** Insert. / Kompatibel mit **ZCC** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AFM90-AP16Y-D040-A16-Z04-H
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*

**ZCC** Ucuna Uygundur. / Compatible with **ZCC** Insert. / Kompatibel mit **ZCC** Wendeplatten.

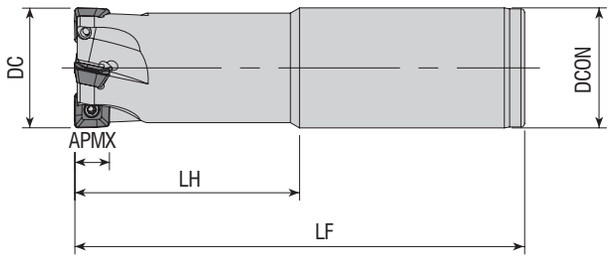
**KAPR=90°**






| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| **AFM90-AN11-D040-A16-Z04-H** | ● | 40 | 4 | 16 | 40 | 11 | **ANGX 1105..** | 4010-M3x8 | 82-T10 | 2506-M8x30 |
| **AFM90-AN1506-D050-A22-Z04-H** | ● | 50 | 4 | 22 | 40 | 14.5 | | | | 2508-M10x30 |
| **AFM90-AN1506-D063-A22-Z05-H** | ● | 63 | 5 | 22 | 40 | 14.5 | | | | |
| **AFM90-AN1506-D080-A27-Z06-H** | ● | 80 | 6 | 27 | 50 | 14.5 | **ANGX 1506..** | 4015-M4x12 | 80-T15 | 2510-M12x35 |
| **AFM90-AN1506-D100-A32-Z08-H** | ● | 100 | 8 | 32 | 50 | 14.5 | | | | 2514-M16x35 |
| **AFM90-AN1506-D125-B40-Z09** | ● | 125 | 9 | 40 | 63 | 14.5 | | | | - |
| **AFM90-AN1506-D160-C40-Z10** | ● | 160 | 10 | 40 | 63 | 14.5 | | | | |

**KAPR=90°**



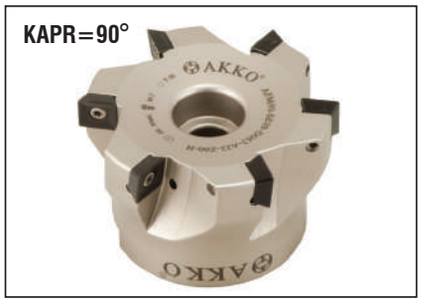

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | LH | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| **AEM90-SE09-D25-C25-L120-Z03-H** | ● | 25 | 3 | 25 | 120 | 60 | 6.7 | | | |
| **AEM90-SE09-D25-C25-L150-Z02** | ● | 25 | 2 | 25 | 150 | 50 | 6.7 | **SEET 09T3..** | 3008-M3x8 | 82-T08 |
| **AEM90-SE09-D32-C32-L120-Z04-H** | ● | 32 | 4 | 32 | 120 | 60 | 6.7 | | | |
| **AEM90-SE09-D32-C32-L150-Z03** | ● | 32 | 3 | 32 | 150 | 50 | 6.7 | | | |

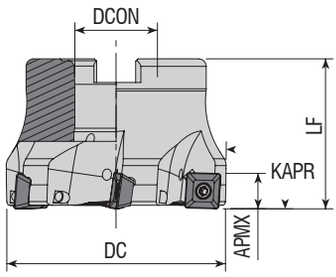
R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager*  ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**ZCC** Ucuna Uygundur. / Compatible with **ZCC** Insert. / Kompatibel mit **ZCC** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AFM90-AN11-D040-A16-Z04-H
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*

**ZCC** Ucuna Uygundur. / Compatible with **ZCC** Insert. / Kompatibel mit **ZCC** Wendeplatten.

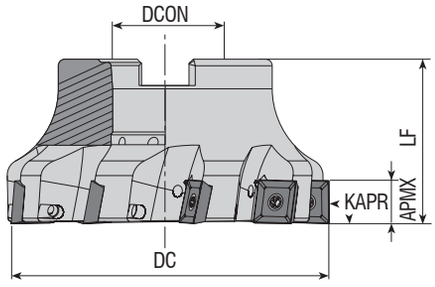
**KAPR=90°**






| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| **AFM90-SE09-D040-A16-Z04-H** | ● | 40 | 4 | 16 | 40 | 6.7 | **SEET 09T3..** | 3008-M3x8 | 82-T08 | 2506-M8x30 |
| **AFM90-SE09-D050-A22-Z05-H** | ● | 50 | 5 | 22 | 40 | 6.7 | | | | 2508-M10x30 |
| **AFM90-SE09-D063-A22-Z06-H** | ● | 63 | 6 | 22 | 40 | 6.7 | | | | |

**KAPR=90°**



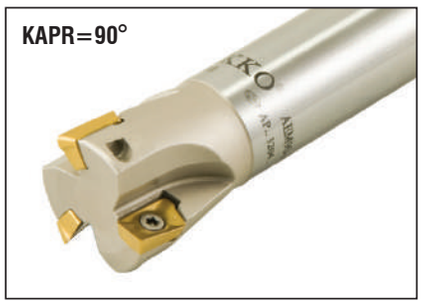

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| **AFM90-SE12-D050-A22-Z04-H** | ● | 50 | 4 | 22 | 40 | 12 | **SEET 1203..** | 4015-M3.5x11 | 80-T15 | 2508-M10x30 |
| **AFM90-SE12-D063-A22-Z05-H** | ● | 63 | 5 | 22 | 40 | 12 | | | | 2510-M12x35 |
| **AFM90-SE12-D080-A27-Z07-H** | ● | 80 | 7 | 27 | 50 | 12 | | | | 2514-M16x35 |
| **AFM90-SE12-D100-A32-Z09-H** | ● | 100 | 9 | 32 | 50 | 12 | | | | - |
| **AFM90-SE12-D125-B40-Z11** | ● | 125 | 11 | 40 | 63 | 12 | | | | |

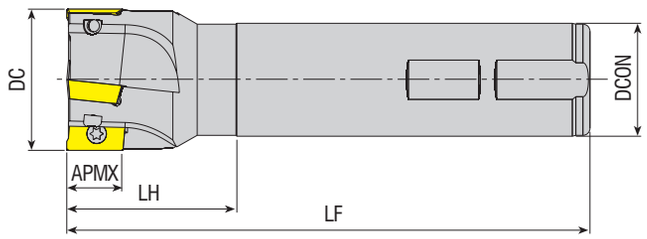
R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**ZCC** Ucuna Uygundur. / Compatible with **ZCC** Insert. / Kompatibel mit **ZCC** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AFM90-SE09-D040-A16-Z04-H
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*
Montaj Ölçüleri : S 462 / *Mounting Reference : P 462* / *Montagehinweis : P462*

**ZCC** Ucuna Uygundur. / Compatible with **ZCC** Insert. / Kompatibel mit **ZCC** Wendeplatten.

**KAPR=90°**






| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | LH | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| AEM90-AP11-D16-C16-L150-Z02 | ● | 16 | 2 | 16 | 150 | 50 | 11 | AP.. 11T3.. | 3008-M2.5x6 | 82-T08 |
| AEM90-AP11-D16-C16-L150-Z02-H | ● | 16 | 2 | 16 | 150 | 50 | 11 | | | |
| AEM90-AP11-D16-W16-L150-Z02 | ● | 16 | 2 | 16 | 150 | 50 | 11 | | | |
| AEM90-AP11-D16-W16-L150-Z02-H | ● | 16 | 2 | 16 | 150 | 50 | 11 | | | |
| AEM90-AP11-D16-C16-L200-Z02 | ● | 16 | 2 | 16 | 200 | 100 | 11 | | | |
| AEM90-AP11-D17-C16-L150-Z02 | ● | 17 | 2 | 16 | 150 | 30 | 11 | | | |
| AEM90-AP11-D17-C16-L200-Z02 | ● | 17 | 2 | 16 | 200 | 30 | 11 | | | |
| AEM90-AP11-D20-C20-L150-Z03 | ● | 20 | 3 | 20 | 150 | 50 | 11 | | | |
| AEM90-AP11-D20-W20-L150-Z03 | ● | 20 | 3 | 20 | 150 | 50 | 11 | | | |
| AEM90-AP11-D20-W20-L150-Z03-H | ● | 20 | 3 | 20 | 150 | 50 | 11 | | | |
| AEM90-AP11-D20-C20-L200-Z03 | ● | 20 | 3 | 20 | 200 | 100 | 11 | | | |
| AEM90-AP11-D21-C20-L150-Z03 | ● | 21 | 3 | 20 | 150 | 30 | 11 | | | |
| AEM90-AP11-D21-W20-L150-Z03 | ● | 21 | 3 | 20 | 150 | 30 | 11 | | | |
| AEM90-AP11-D21-W20-L150-Z03-H | ● | 21 | 3 | 20 | 150 | 30 | 11 | | | |
| AEM90-AP11-D21-C20-L200-Z03 | ● | 21 | 3 | 20 | 200 | 30 | 11 | | | |
| AEM90-AP11-D22-C20-L180-Z03-H | ● | 22 | 3 | 20 | 180 | 30 | 11 | | | |
| AEM90-AP11-D25-C25-L150-Z03 | ● | 25 | 3 | 25 | 150 | 50 | 11 | | | |
| AEM90-AP11-D25-W25-L150-Z03 | ● | 25 | 3 | 25 | 150 | 50 | 11 | | | |
| AEM90-AP11-D25-W25-L150-Z03-H | ● | 25 | 3 | 25 | 150 | 50 | 11 | | | |
| AEM90-AP11-D26-C25-L150-Z03 | ● | 26 | 3 | 25 | 150 | 35 | 11 | | | |
| AEM90-AP11-D26-C24-L150-Z03 | ● | 26 | 3 | 24 | 150 | 35 | 11 | | | |
| AEM90-AP11-D28-C25-L180-Z03-H | ● | 28 | 3 | 25 | 180 | 30 | 11 | | | |
| AEM90-AP11-D32-W25-L150-Z04 | ● | 32 | 4 | 25 | 150 | 35 | 11 | | | |
| AEM90-AP11-D32-W32-L150-Z03-H | ● | 32 | 3 | 32 | 150 | 50 | 11 | | | |
| AEM90-AP11-D32-W32-L150-Z04 | ● | 32 | 4 | 32 | 150 | 50 | 11 | | | |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*

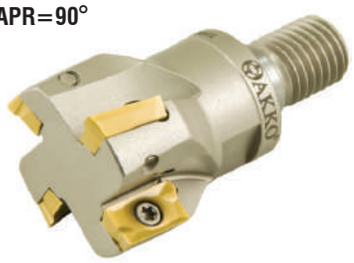
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

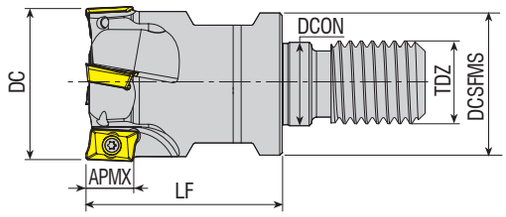
**ZCC** Ucuna Uygundur. / Compatible with **ZCC** Insert. / Kompatibel mit **ZCC** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AEM90-AP11-D16-C16-L150-Z02
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*

**ZCC** Ucuna Uygundur. / Compatible with **ZCC** Insert. / Kompatibel mit **ZCC** Wendeplatten.

**KAPR=90°**






| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCSFMS | TDZ | LF | DCON | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| **AEM90-AP11-D16-M08-L30-Z02-H** | ● | 16 | 2 | 14.75 | M08 | 30 | 8.5 | 11 | **AP.. 11T3..** | 3008-M2.5x6 | 82-T08 |
| **AEM90-AP11-D20-M10-L30-Z03-H** | ● | 20 | 3 | 18 | M10 | 30 | 10.5 | 11 | | | |
| **AEM90-AP11-D25-M12-L35-Z03-H** | ● | 25 | 3 | 21 | M12 | 35 | 12.5 | 11 | | | |
| **AEM90-AP11-D32-M16-L35-Z04-H** | ● | 32 | 4 | 29 | M16 | 35 | 17 | 11 | | | |
| **AEM90-AP11-D40-M16-L43-Z05-H** | ● | 40 | 5 | 29 | M16 | 43 | 17 | 11 | | | |

R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*

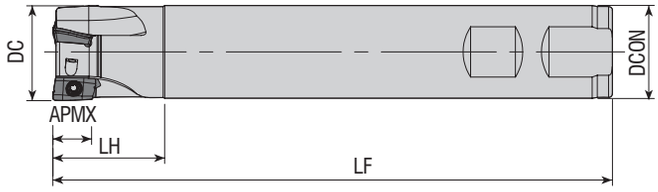
● Stokta / In Stock / *Auf Lager*  ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

**ZCC** Ucuna Uygundur. / Compatible with **ZCC** Insert. / Kompatibel mit **ZCC** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AEM90-AP11-D16-M08-L30-Z02-H

Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*
Sıkma Tork Değeri : S 464 / *Tightening Torque : P 464* / *Anzugsmoment : P 464*

**ZCC** Ucuna Uygundur. / Compatible with **ZCC** Insert. / Kompatibel mit **ZCC** Wendeplatten.




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | LH | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| AEM90-AZ11-D12-W16-L90-Z01 | ● | 12 | 1 | 16 | 90 | 30 | 11 | | | |
| AEM90-AZ11-D16-C16-L200-Z02 | ● | 16 | 2 | 16 | 200 | 100 | 11 | | | |
| AEM90-AZ11-D16-W15-L170-Z02 | ● | 16 | 2 | 15 | 170 | 50 | 11 | | | |
| AEM90-AZ11-D16-W16-L100-Z02 | ● | 16 | 2 | 16 | 100 | 35 | 11 | | 3008-M2.5X5 | |
| AEM90-AZ11-D16-W16-L150-Z02 | ● | 16 | 2 | 16 | 150 | 50 | 11 | | | |
| AEM90-AZ11-D17-C16-L150-Z02 | ● | 17 | 2 | 16 | 150 | 30 | 11 | | | |
| AEM90-AZ11-D17-C16-L180-Z02 | ● | 17 | 2 | 16 | 180 | 50 | 11 | | | |
| AEM90-AZ11-D17-W16-L100-Z02 | ● | 17 | 2 | 16 | 100 | 30 | 11 | | | |
| AEM90-AZ11-D18-W16-L120-Z02 | ● | 18 | 2 | 16 | 120 | 18 | 11 | | | |
| AEM90-AZ11-D20-C20-L200-Z03 | ● | 20 | 3 | 20 | 200 | 100 | 11 | **AZGT 1135..** | 3008-M2.5X6 | 82-T08 |
| AEM90-AZ11-D20-W19-L170-Z03 | ● | 20 | 3 | 19 | 170 | 50 | 11 | | | |
| AEM90-AZ11-D20-W20-L110-Z02 | ● | 20 | 2 | 20 | 110 | 35 | 11 | | | |
| AEM90-AZ11-D21-C20-L150-Z03 | ● | 21 | 3 | 20 | 150 | 30 | 11 | | | |
| AEM90-AZ11-D21-C20-L180-Z03 | ● | 21 | 3 | 20 | 180 | 50 | 11 | | | |
| AEM90-AZ11-D21-W20-L110-Z03 | ● | 21 | 3 | 20 | 110 | 35 | 11 | | | |
| AEM90-AZ11-D22-C20-L150-Z02 | ● | 22 | 2 | 20 | 150 | 30 | 11 | | | |
| AEM90-AZ11-D25-C24-L180-Z04 | ● | 25 | 4 | 24 | 180 | 50 | 11 | | | |
| AEM90-AZ11-D25-W25-L110-Z04 | ● | 25 | 4 | 25 | 110 | 40 | 11 | | | |
| AEM90-AZ11-D26-C25-L250-Z02 | ● | 26 | 2 | 25 | 250 | 50 | 11 | | | |
| AEM90-AZ11-D26-W25-L120-Z03 | ● | 26 | 3 | 25 | 120 | 30 | 11 | | | |
| AEM90-AZ11-D26-W25-L120-Z04 | ● | 26 | 4 | 25 | 120 | 40 | 11 | | | |
| AEM90-AZ11-D28-C25-L180-Z03 | ● | 28 | 3 | 25 | 180 | 50 | 11 | | | |
| AEM90-AZ11-D28-C25-L250-Z02 | ● | 28 | 2 | 25 | 250 | 50 | 11 | | | |
| AEM90-AZ11-D33-W32-L130-Z04 | ● | 33 | 4 | 32 | 130 | 50 | 11 | | | |

R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*

● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

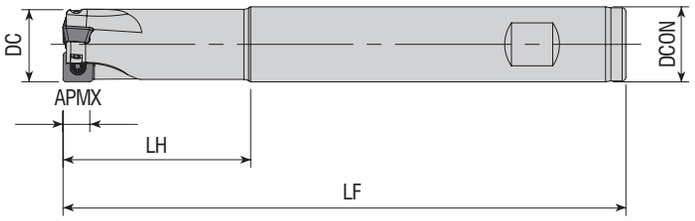
**ZCC** Ucuna Uygundur. / Compatible with **ZCC** Insert. / Kompatibel mit **ZCC** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AEM90-AZ11-D12-W16-L90-Z01

Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*

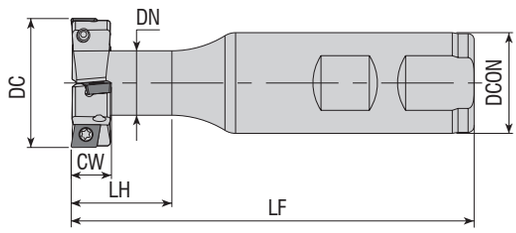
**ZCC** Ucuna Uygundur. / Compatible with **ZCC** Insert. / Kompatibel mit **ZCC** Wendeplatten.

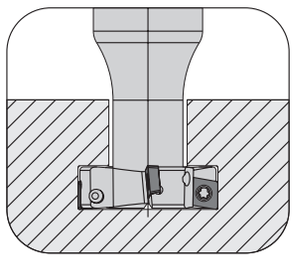
**KAPR=90°**




| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* | | | | | | Kesici Uç / *Insert* / *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | LH | APMX | | Sıkma Vidası / *Screw* / *Schraube* | Tork Anahtar / *Torx Key* / *Torx-Schlüssel* |
| AEM90-SPGT0602-D16-W16-L150-Z02 | ● | 16 | 2 | 16 | 150 | 50 | 5.5 | **SPGT 060204** | 3007-M2.2x4.6 | 82-T07 |
| AEM90-SPGT07T3-D20-W20-L150-Z03 | ● | 20 | 3 | 20 | 150 | 50 | 7 | **SPGT 07T308** | 3008-M2.5x6 | 82-T08 |
| AEM90-SPGT07T3-D25-W25-L150-Z03 | ● | 25 | 3 | 25 | 150 | 50 | 7 | | | |
| AEM90-SPGT0904-D30-W32-L150-Z03 | ● | 30 | 3 | 32 | 150 | 50 | 9 | **SPGT 090408** | 4015-M3.5x9 | 80-T15 |

**KAPR=90°**



| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* | | | | | | | | Kesici Uç / *Insert* / *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | ZEFP | | DC | CW | DCON | LF | DN | LH | | Sıkma Vidası / *Screw* / *Schraube* | Tork Anahtar / *Torx Key* / *Torx-Schlüssel* |
| | | Toplam / *Total* / *Gesamt* | Etkili / *Effective* / *Effektiv* | | | | | | | | | |
| ATSM90-SPGT0502-D63X6-W32-L125-Z10 | ● | 10 | 5 | 63 | 6 | 32 | 125 | 31 | 30 | **SPGT 050204** | 3006-M2x4 | 82-T06 |
| ATSM90-SPGT0904-D32X14-W32-L120-Z04-H | ● | 4 | 2 | 32 | 14 | 32 | 120 | 17.5 | 30 | | | |
| ATSM90-SPGT0904-D37X16-W32-L120-Z04-H | ● | 4 | 2 | 37 | 16 | 32 | 120 | 21 | 40 | **SPGT 090408** | 4015-M3.5x9 | 80-T15 |
| ATSM90-SPGT0904-D42X17-W32-L120-Z04-H | ● | 4 | 2 | 42 | 17 | 32 | 120 | 21 | 40 | | | |
| ATSM90-SPGT1104-D47X20-W32-L120-Z04-H | ● | 4 | 2 | 47 | 20 | 32 | 120 | 24 | 45 | **SPGT 110408** | 4015-M4x11 | |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*

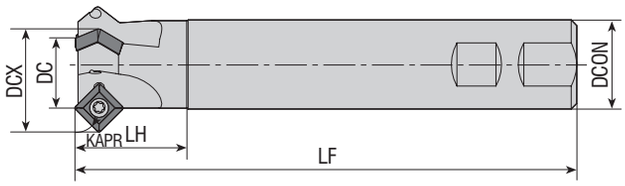
● *Stokta / In Stock / Auf Lager* ○ *Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage*

**ZCC** Ucuna Uygundur. / Compatible with **ZCC** Insert. / Kompatibel mit **ZCC** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AEM90-SPGT0602-D16-W16-L150-Z02
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*

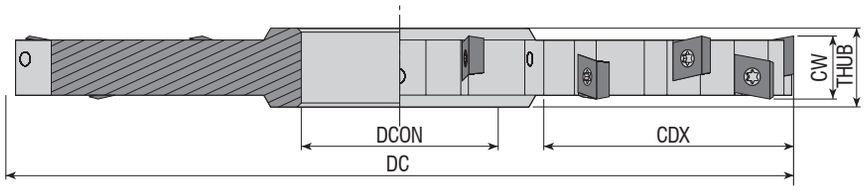
**ZCC** Ucuna Uygundur. / Compatible with **ZCC** Insert. / Kompatibel mit **ZCC** Wendeplatten.

**KAPR=45°**




| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* | | | | | | | | Kesici Uç / *Insert* / *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | KAPR | DC | DCX | DCON | LF | LH | ZEFP | a | | Sıkma Vidası / *Screw* / *Schraube* | Tork Anahtar / *Torx Key* / *Torx-Schlüssel* |
| ACM45-SP1104-D12x26-W20-L150-Z01 | ● | 45° | 12 | 26 | 20 | 150 | 30 | 1 | - | **SPGT 110408** | 4015-M4x9 | 80-T15 |
| ACM45-SP1104-D25x39-W25-L150-Z02 | ● | 45° | 25 | 39 | 25 | 150 | 35 | 2 | - | | | |
| ACM45-SP1104-D32x46-W32-L150-Z03 | ● | 45° | 32 | 46 | 32 | 150 | 40 | 3 | - | | | |

**KAPR=90°**




| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* | | | | | | | Kesici Uç / *Insert* / *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | ZEFP | | DC | CW | CDX | DCON | THUB | | Sıkma Vidası / *Screw* / *Schraube* | Tork Anahtar / *Torx Key* / *Torx-Schlüssel* |
| | | Toplam / *Total* / *Gesamt* | Etkili / *Effective* / *Effektiv* | | | | | | | | |
| ASDM-SPGT05-D80x6-d27-Z10 | ● | 10 | 5 | 80 | 6 | 17 | 27 | 10 | **SPGT 050204** | 3006-M2x4 | 82-T06 |
| ASDM-SPGT05-D100x6-d32-Z12 | ● | 12 | 6 | 100 | 6 | 25 | 32 | 10 | | | |
| ASDM-SPGT05-D125x6-d40-Z14 | ● | 14 | 7 | 125 | 6 | 35 | 40 | 10 | | | |
| ASDM-SPGT05-D160x6-d40-Z18 | ● | 18 | 9 | 160 | 6 | 52 | 40 | 10 | | | |
| ASDM-SPGT06-D80x7-d27-Z10 | ● | 10 | 5 | 80 | 7 | 17 | 27 | 11 | **SPGT 060204** | 3007-M2.2x4.6 | 82-T07 |
| ASDM-SPGT06-D100x7-d32-Z12 | ● | 12 | 6 | 100 | 7 | 25 | 32 | 11 | | | |
| ASDM-SPGT06-D125x7-d40-Z14 | ● | 14 | 7 | 125 | 7 | 35 | 40 | 11 | | | |
| ASDM-SPGT06-D160x7-d40-Z16 | ● | 16 | 8 | 160 | 7 | 52 | 40 | 11 | | | |
| ASDM-SPGT06-D200x7-d40-Z18 | ● | 18 | 9 | 200 | 7 | 70 | 40 | 11 | | | |
| ASDM-SPGT07-D100x10-d27-Z10 | ● | 10 | 5 | 100 | 10 | 26.5 | 27 | 14 | **SPGT 07T308** | 3008-M2.5x6 | 82-T08 |
| ASDM-SPGT07-D100x10-d32-Z12 | ● | 12 | 6 | 100 | 10 | 25 | 32 | 11 | | | |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links*

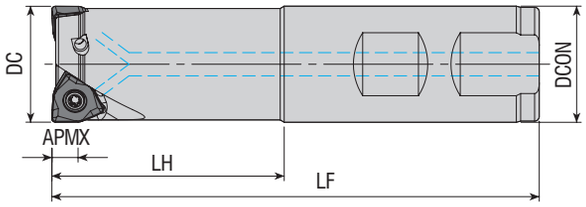
● *Stokta / In Stock / Auf Lager* ○ *Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage*

**ZCC** Ucuna Uygundur. / Compatible with **ZCC** Insert. / Kompatibel mit **ZCC** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ACM45-SP1104-D12x26-W20-L150-Z01
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*

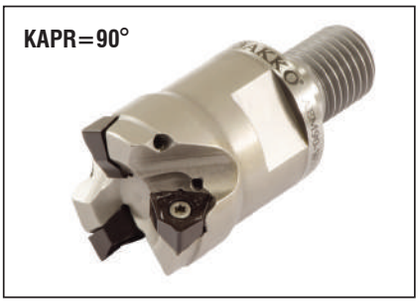
**ZCC** Ucuna Uygundur. / Compatible with **ZCC** Insert. / Kompatibel mit **ZCC** Wendeplatten.

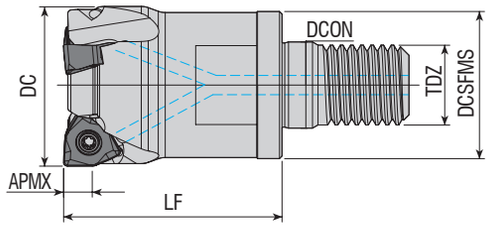
**KAPR=90°**




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | LH | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| **AEM90L-WN0604Z-D25-C25-L200-Z02-H** | ● | 25 | 2 | 25 | 200 | 100 | 5.7 | **WNHU 0604..** | 3008-M3x8 | 82-T08 |
| **AEM90-WN0604Z-D25-W25-L150-Z02-H** | ● | 25 | 2 | 25 | 150 | 50 | 5.7 | | | |
| **AEM90-WN0604Z-D32-W32-L150-Z03-H** | ● | 32 | 3 | 32 | 150 | 50 | 5.7 | | | |
| **AEM90-WN0604Z-D40-W32-L150-Z04-H** | ● | 40 | 4 | 32 | 150 | 35 | 5.7 | | | |

**KAPR=90°**





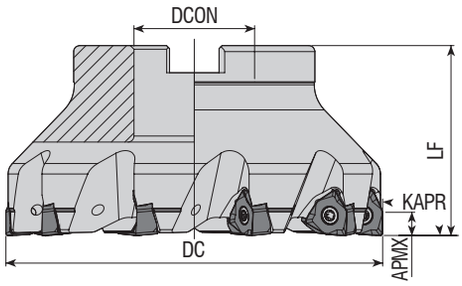

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCSFMS | TDZ | LF | DCON | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| **AEM90-WN0604Z-D25-M12-L35-Z02-H** | ● | 25 | 2 | 21 | M12 | 35 | 12.5 | 5.7 | **WNHU 0604..** | 3008-M3x8 | 82-T08 |
| **AEM90-WN0604Z-D32-M16-L43-Z03-H** | ● | 32 | 3 | 29 | M16 | 43 | 17 | 5.7 | | | |
| **AEM90-WN0604Z-D40-M16-L43-Z04-H** | ● | 40 | 4 | 29 | M16 | 43 | 17 | 5.7 | | | |

R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**ZCC** Ucuna Uygundur. / Compatible with **ZCC** Insert. / Kompatibel mit **ZCC** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AEM90L-WN0604Z-D25-C25-L200-Z02-H
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*
Sıkma Tork Değeri : S 464 / *Tightening Torque : P 464* / *Anzugsmoment : P 464*

**ZCC** Ucuna Uygundur. / Compatible with **ZCC** Insert. / Kompatibel mit **ZCC** Wendeplatten.

**KAPR=90°**

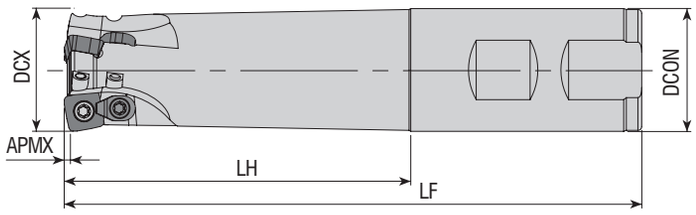



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| **AFM90-WN0604Z-D040-A16-Z04-H** | ● | 40 | 4 | 16 | 40 | 5.7 | **WNHU 0604..** | 3008-M3x8 | 82-T08 | 2506-M8x30 |
| **AFM90-WN0604Z-D050-A22-Z05-H** | ● | 50 | 5 | 22 | 40 | 5.7 | | | | 2508-M10x30 |
| **AFM90-WN0604Z-D063-A22-Z06-H** | ● | 63 | 6 | 22 | 40 | 5.7 | | | | |
| **AFM90-WN0604Z-D080-A27-Z07-H** | ● | 80 | 7 | 27 | 50 | 5.7 | | | | 2510-M12x35 |
| **AFM90-WN0604Z-D100-A32-Z09-H** | ● | 100 | 9 | 32 | 50 | 5.7 | | | | 2514-M16x35 |
| **AFM90-WN0806Z-D050-A22-Z04-H** | ● | 50 | 4 | 22 | 40 | 7.7 | **WNHU 0806..** | 4015-M4x11 | 80-T15 | 2508-M10x30 |
| **AFM90-WN0806Z-D063-A22-Z05-H** | ● | 63 | 5 | 22 | 40 | 7.7 | | | | |
| **AFM90-WN0806Z-D080-A27-Z06-H** | ● | 80 | 6 | 27 | 50 | 7.7 | | | | 2510-M12x35 |
| **AFM90-WN0806Z-D100-A32-Z08-H** | ● | 100 | 8 | 32 | 50 | 7.7 | | | | 2514-M16x35 |
| **AFM90-WN0806Z-D125-B40-Z10** | ● | 125 | 10 | 40 | 63 | 7.7 | | | | - |
| **AFM90-WN0806Z-D160-C40-Z12** | ● | 160 | 12 | 40 | 63 | 7.7 | | | | |

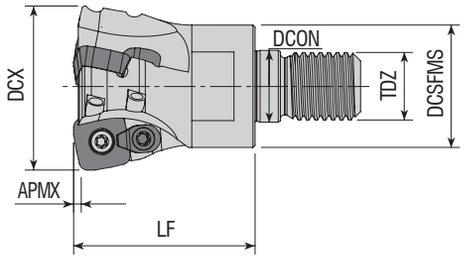
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**ZCC** Ucuna Uygundur. / Compatible with **ZCC** Insert. / Kompatibel mit **ZCC** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AFM90-WN0604Z-D040-A16-Z04-H
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*

**ZCC** Ucuna Uygundur. / Compatible with **ZCC** Insert. / Kompatibel mit **ZCC** Wendeplatten.

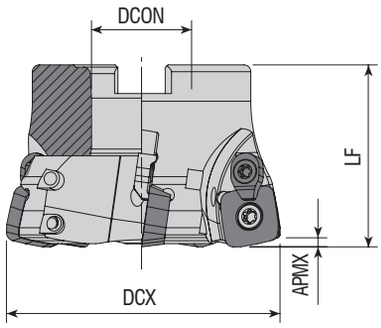



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | DCON | LF | LH | APMX | | Sıkma Vidası *Screw* *Schraube* | Baskı Parçası *Wedge Clamp* *Spannpratze* | Baskı Vidası *Clamp Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| **AHFM-SD06T2-D16-C16-L100-Z02-H** | ● | 16 | 2 | 16 | 100 | 50 | 0.8 | **SD.. 06T2..** | 3007-M2.2x4.6 | - | - | 82-T07 |
| **AHFM-SD06T2-D16-C16-L150-Z02-H** | ● | 16 | 2 | 16 | 150 | 50 | 0.8 | | | | | |
| **AHFM-SD06T2-D16-C16-L200-Z02** | ● | 16 | 2 | 16 | 200 | 100 | 0.8 | | | | | |
| **AHFM-SD06T2-D17-C16-L150-Z02-H** | ● | 17 | 2 | 16 | 150 | 50 | 0.8 | | | | | |
| **AHFM-SD06T2-D20-C20-L150-Z03-H** | ● | 20 | 3 | 20 | 150 | 50 | 0.8 | | | | | |
| **AHFM-SD06T2-D20-C20-L200-Z03** | ● | 20 | 3 | 20 | 200 | 100 | 0.8 | | | | | |
| **AHFM-SD06T2-D21-C20-L150-Z03-H** | ● | 21 | 3 | 20 | 150 | 50 | 0.8 | | | | | |
| **AHFM-SD06T2-D25-C25-L150-Z04-H** | ● | 25 | 4 | 25 | 150 | 60 | 0.8 | | | | | |
| **AHFM-SD06T2-D26-C25-L150-Z04-H** | ● | 26 | 4 | 25 | 150 | 60 | 0.8 | | | | | |
| **AHFMC-SD09T3-D22-W20-L150-Z02** | ● | 22 | 2 | 20 | 150 | 30 | 1.4 | **SD.. 09T3..** | 3010-M3.5x9 | ACK-15 | 1510-M3.5x9 | 82-T10 |
| **AHFMC-SD09T3-D25-C25-L150-Z02** | ● | 25 | 2 | 25 | 150 | 94 | 1.4 | | | | | |
| **AHFMC-SD09T3-D25-W25-L150-Z02** | ● | 25 | 2 | 25 | 150 | 94 | 1.4 | | | | | |
| **AHFMC-SD09T3-D28-C25-L150-Z02** | ● | 28 | 2 | 25 | 150 | 30 | 1.4 | | | | | |
| **AHFMC-SD09T3-D32-C32-L150-Z03** | ● | 32 | 3 | 32 | 150 | 100 | 1.4 | | | | | |
| **AHFMC-SD09T3-D32-W32-L150-Z03** | ● | 32 | 3 | 32 | 150 | 90 | 1.4 | | | | | |
| **AHFM-SD09T3-D25-C25-L150-Z03** | ● | 25 | 3 | 25 | 150 | 60 | 1.4 | | | - | - | |
| **AHFM-SD09T3-D32-C32-L150-Z04** | ● | 32 | 4 | 25 | 150 | 60 | 1.4 | | | | | |

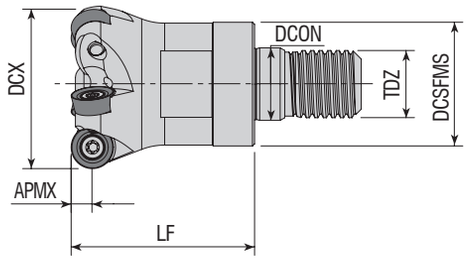



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | DCSFMS | TDZ | LF | DCON | APMX | | Sıkma Vidası *Screw* *Schraube* | Baskı Parçası *Wedge Clamp* *Spannpratze* | Baskı Vidası *Clamp Screw* *Schraube* | |
| **AHFM-SD06T2-D16-M08-L23-Z02-H** | ● | 16 | 2 | 14.75 | M08 | 23 | 8.5 | 0.8 | **SD.. 06T2..** | 3007-M2.2x4.6 | - | - | 82-T07 |
| **AHFM-SD06T2-D20-M10-L30-Z03-H** | ● | 20 | 3 | 18 | M10 | 30 | 10.5 | 0.8 | | | | | |
| **AHFM-SD06T2-D25-M12-L35-Z04-H** | ● | 25 | 4 | 21 | M12 | 35 | 12.5 | 0.8 | | | | | |
| **AHFMC-SD09T3-D25-M12-L30-Z02-H** | ● | 25 | 2 | 22 | M12 | 30 | 12.5 | 1.4 | **SD.. 09T3..** | 3010-M3.5x9 | ACK-15 | 1510-M3.5x9 | 82-T10 |
| **AHFMC-SD09T3-D32-M16-L43-Z03-H** | ● | 32 | 3 | 29 | M16 | 43 | 17 | 1.4 | | | | | |
| **AHFMC-SD09T3-D35-M16-L43-Z03-H** | ● | 35 | 3 | 29 | M16 | 43 | 17 | 1.4 | | | | | |
| **AHFMC-SD09T3-D40-M16-L43-Z04-H** | ● | 40 | 4 | 29 | M16 | 43 | 17 | 1.4 | | | | | |
| **AHFMC-SD1204-D32-M16-L43-Z02-H** | ● | 32 | 2 | 29 | M16 | 43 | 17 | 1.8 | **SD.. 1204..** | 4015-M4x9 | | 4015-M3.5X11 | 80-T15 |
| **AHFMC-SD1204-D40-M16-L43-Z03-H** | ● | 40 | 3 | 29 | M16 | 43 | 17 | 1.8 | | | | | |

**ZCC** Ucuna Uygundur. / Compatible with **ZCC** Insert. / Kompatibel mit **ZCC** Wendeplatten.




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Baskı Pabucu *Wedge Clamp* *Spannpratze* | Baskı Vidası *Clamp Screw* *Klemmschraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| **AHFMC-SD1204-D050-A22-Z04-H** | ● | 50 | 4 | 22 | 40 | 1.8 | **SD.. 1204..** | 4015-M4x11 | ACK-15 | 4015-M3.5x11 | 80-T15 | 2508-M10x30 |
| **AHFMC-SD1204-D063-A22-Z05-H** | ● | 63 | 5 | 22 | 40 | 1.8 | | | | | | |
| **AHFMC-SD1204-D080-A27-Z06-H** | ● | 80 | 6 | 27 | 50 | 1.8 | | | | | | 2510-M12x35 |
| **AHFMC-SD1204-D100-A32-Z08-H** | ● | 100 | 8 | 32 | 50 | 1.8 | | | | | | 2514-M16x35 |

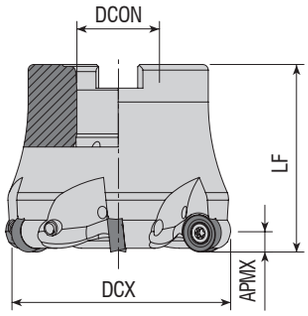



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | DCSFMS | TDZ | LF | DCON | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| **AEMR-RC10T3-D25-M12-L35-Z03-H** | ● | 25 | 3 | 21 | M12 | 35 | 12.5 | 5 | **RC.. 10T3..** | 4015-M4x9 | 80-T15 |
| **AEMR-RC10T3-D32-M16-L43-Z04-H** | ● | 32 | 4 | 29 | M16 | 43 | 17 | 5 | | | |
| **AEMR-RC10T3-D40-M16-L43-Z05-H** | ● | 40 | 5 | 29 | M16 | 43 | 17 | 5 | | | |

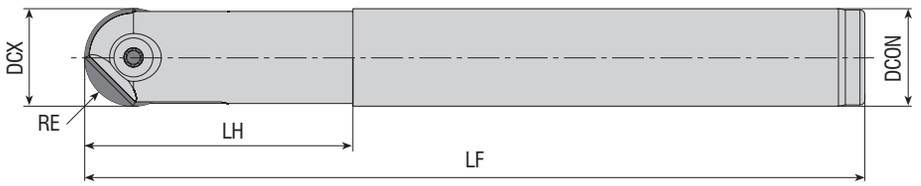
R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**ZCC** Ucuna Uygundur. / Compatible with **ZCC** Insert. / Kompatibel mit **ZCC** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AHFMC-SD1204-D050-A22-Z04-H
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*
Sıkma Tork Değeri : S 464 / *Tightening Torque : P 464* / *Anzugsmoment : P 464*

**ZCC** Ucuna Uygundur. / Compatible with **ZCC** Insert. / Kompatibel mit **ZCC** Wendeplatten.




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| **AFMR-RC10T3-D040-A16-Z04-H** | ● | 40 | 4 | 16 | 40 | 5 | **RC.. 10T3..** | 4015-M4x11 | 80-T15 | 2406-M8x30 |
| **AFMR-RC10T3-D050-A22-Z05-H** | ● | 50 | 5 | 22 | 50 | 5 | | | | 2508-M10x30 |
| **AFMR-RC10T3-D063-A22-Z06-H** | ● | 63 | 6 | 22 | 50 | 5 | | | | |

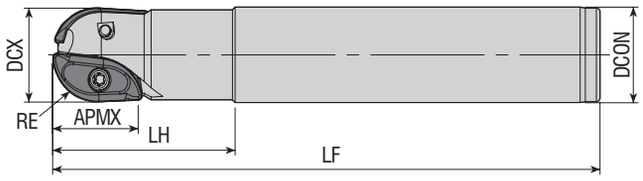



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|
| | | DCX | RE | DCON | LF | LH | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| **APMR-RO12-D12-C12-L120** | ● | 12 | 6 | 12 | 120 | 35 | **ROHX 1203** | 1215-M4x0.5x9 | 80-T15 |
| **APMR-RO12-D12-C16-L160** | ● | 12 | 6 | 16 | 160 | 50 | | | |
| **APMR-RO16-D16-C16-L160** | ● | 16 | 8 | 16 | 160 | 45 | **ROHX 1604** | 1220-M5x0.5x12 | 80-T20 |
| **APMR-RO16-D16-C16-L200** | ● | 16 | 8 | 16 | 200 | 45 | | | |
| **APMR-RO16-D16-C20-L200** | ● | 16 | 8 | 20 | 200 | 65 | | | |
| **APMR-RO20-D20-C20-L160** | ● | 20 | 10 | 20 | 160 | 55 | **ROHX 2005** | 1220-M5x0.5x15 | |
| **APMR-RO20-D20-C20-L200** | ● | 20 | 10 | 20 | 200 | 55 | | | |
| **APMR-RO20-D20-C25-L220** | ● | 20 | 10 | 25 | 220 | 80 | | | |

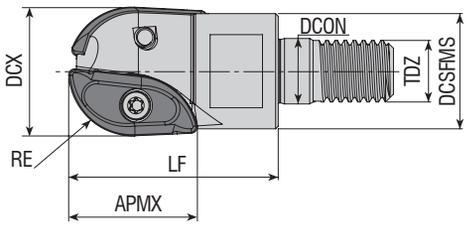
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**ZCC** Ucuna Uygundur. / Compatible with **ZCC** Insert. / Kompatibel mit **ZCC** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AFMR-RC10T3-D040-A16-Z04-H
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*

**ZCC** Ucuna Uygundur. / Compatible with **ZCC** Insert. / Kompatibel mit **ZCC** Wendeplatten.




| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* | | | | | | Kesici Uç / *Insert* / *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | RE | DCON | LF | LH | APMX | | Sıkma Vidası / *Screw* / *Schraube* | Tork Anahtar / *Torx Key* / *Torx-Schlüssel* |
| **APMR-XP16-D16-C16-L150** | ● | 16 | 8 | 16 | 150 | 40 | 16 | **XPHT 16R0803** | 3008-M2.5x6 | 82-T08 |
| **APMR-XP20-D20-C20-L150** | ● | 20 | 10 | 20 | 150 | 50 | 20 | **XPHT 20R10T3** | 3010-M3.5x7 | 82-T10 |
| **APMR-XP25-D25-C25-L150** | ● | 25 | 12.5 | 25 | 150 | 50 | 25 | **XPHT 25R1204** | 4015-M4x9 | 80-T15 |




| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* | | | | | | | Kesici Uç / *Insert* / *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | RE | DCSFMS | TDZ | LF | APMX | DCON | | Sıkma Vidası / *Screw* / *Schraube* | Tork Anahtar / *Torx Key* / *Torx-Schlüssel* |
| **APMR-XP16-D16-M08-L25** | ● | 16 | 8 | 14.75 | M08 | 25 | 16 | 8.5 | **XPHT 16R0803** | 3008-M2.5x6 | 82-T08 |
| **APMR-XP20-D20-M10-L30** | ● | 20 | 10 | 18 | M10 | 30 | 20 | 10.5 | **XPHT 20R10T3** | 3010-M3.5x7 | 82-T10 |
| **APMR-XP25-D25-M12-L40** | ● | 25 | 12.5 | 22 | M12 | 40 | 25 | 12.5 | **XPHT 25R1204** | 4015-M4x9 | 80-T15 |

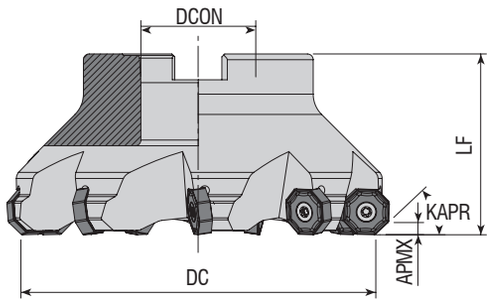
R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**ZCC** Ucuna Uygundur. / Compatible with **ZCC** Insert. / Kompatibel mit **ZCC** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück APMR-XP16-D16-C16-L150

Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*
Sıkma Tork Değeri : S 464 / *Tightening Torque : P 464* / *Anzugsmoment : P 464*

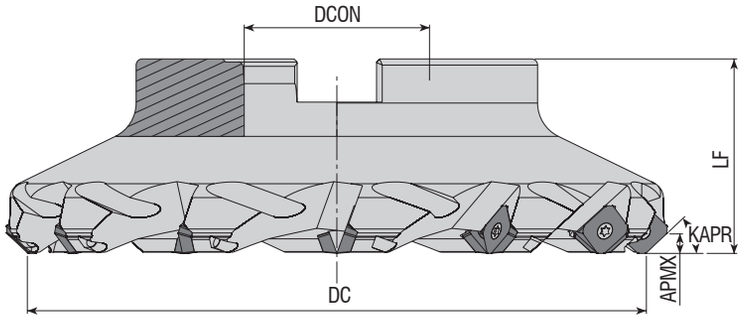
**ZCC** Ucuna Uygundur. / Compatible with **ZCC** Insert. / Kompatibel mit **ZCC** Wendeplatten.

**KAPR=43°**




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| AFM43-ON0604-D050-A22-Z05-H | ● | 50 | 5 | 22 | 40 | 4 | ON.. 0604.. | 4015-M4x11 | 80-T15 | 2407-M10x30 |
| AFM43-ON0604-D063-A22-Z06-H | ● | 63 | 6 | 22 | 40 | 4 | | | | |
| AFM43-ON0604-D080-A27-Z07-H | ● | 80 | 7 | 27 | 50 | 4 | | | | 2510-M12x35 |
| AFM43-ON0604-D100-A32-Z08-H | ● | 100 | 8 | 32 | 50 | 4 | | | | 2514-M16x35 |
| AFM43-ON0604-D125-B40-Z09 | ● | 125 | 9 | 40 | 63 | 4 | | | | - |

**KAPR=45°**



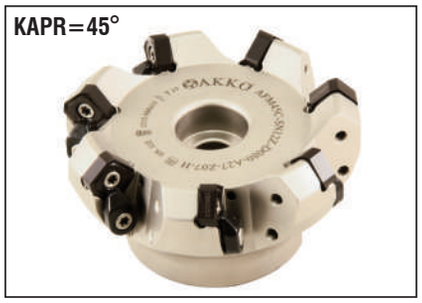

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| AFM45-SE12-D050-A22-Z04-H | ● | 50 | 4 | 22 | 40 | 6 | SE.. 12T3.. R245-12T3.. | 4015-M3.5x11 | 80-T15 | 2407-M10x30 |
| AFM45L-SE12-D050-A22-Z04-H | ● | 50 | 4 | 22 | 40 | 6 | | | | |
| AFM45-SE12-D063-A22-Z05-H | ● | 63 | 5 | 22 | 40 | 6 | | | | |
| AFM45L-SE12-D063-A22-Z05-H | ● | 63 | 5 | 22 | 40 | 6 | | | | |
| AFM45-SE12-D080-A27-Z06-H | ● | 80 | 6 | 27 | 50 | 6 | | | | 2510-M12x35 |
| AFM45L-SE12-D080-A27-Z06-H | ● | 80 | 6 | 27 | 50 | 6 | | | | |
| AFM45-SE12-D100-A32-Z07-H | ● | 100 | 7 | 32 | 50 | 6 | | | | 2514-M16x35 |
| AFM45-SE12-D125-B40-Z08 | ● | 125 | 8 | 40 | 63 | 6 | | | | |
| AFM45-SE12-D160-C40-Z10 | ● | 160 | 10 | 40 | 63 | 6 | | | | - |
| AFM45L-SE12-D160-C40-Z10 | ● | 160 | 10 | 40 | 63 | 6 | | | | |
| AFM45-SE12-D200-C60-Z12 | ● | 200 | 12 | 60 | 63 | 6 | | | | |
| new AFM45L-SE12-D200-C60-Z12 | ● | 200 | 12 | 60 | 63 | 6 | | | | |

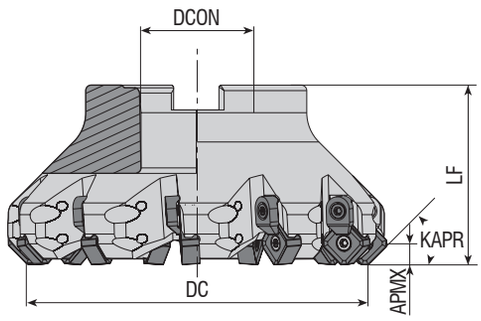
R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager*  ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**ZCC** Ucuna Uygundur. / Compatible with **ZCC** Insert. / Kompatibel mit **ZCC** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AFM43-ON0604-D050-A22-Z05-H
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*
Montaj Ölçüleri : S 462 / *Mounting Reference : P 462* / *Montagehinweis : P462*

**ZCC** Ucuna Uygundur. / Compatible with **ZCC** Insert. / Kompatibel mit **ZCC** Wendeplatten.

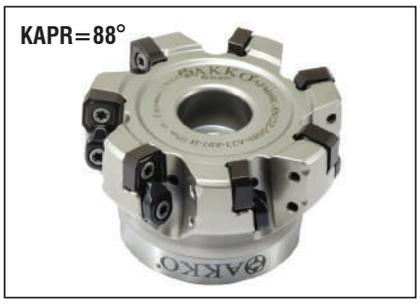
**KAPR=45°**

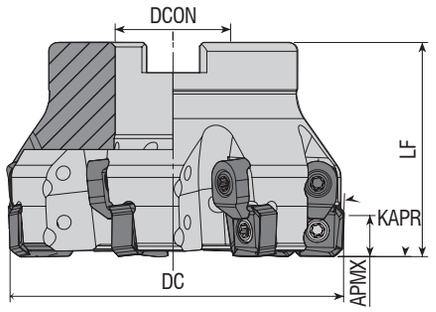





| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Baskı Parçası *Wedge Clamp* *Spannpratze* | Baskı Vidası *Clamp Screw* *Klemmschraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| AFM45C-SN12Z-D050-A22-Z05-H | ● | 50 | 5 | 22 | 42 | 6 | **SNEG 1205..** | 4015-M4x11 | ACK-05 | 4015-M4x11 | 80-T15 | 2407-M10X30 |
| AFM45C-SN12Z-D063-A22-Z06-H | ● | 63 | 6 | 22 | 42 | 6 | | | | | | |
| AFM45C-SN12Z-D080-A27-Z07-H | ● | 80 | 7 | 27 | 52 | 6 | | | | | | 2510-M12x35 |
| AFM45C-SN12Z-D100-A32-Z09-H | ● | 100 | 9 | 32 | 52 | 6 | | | | | | 2514-M16x35 |
| AFM45C-SN12Z-D125-B40-Z11 | ● | 125 | 11 | 40 | 65 | 6 | | | | | | |
| AFM45C-SN12Z-D160-C40-Z12 | ● | 160 | 12 | 60 | 65 | 6 | | | | | | - |
| AFM45C-SN12Z-D200-C60-Z14 | ● | 200 | 14 | 60 | 65 | 6 | | | | | | |

**KAPR=88°**





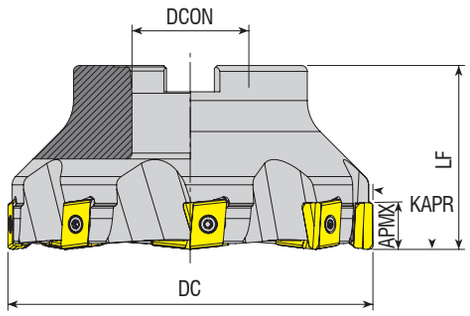

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Baskı Parçası *Wedge Clamp* *Spannpratze* | Baskı Vidası *Clamp Screw* *Klemmschraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| AFM88C-SN12Z-D063-A22-Z06-H | ● | 63 | 6 | 22 | 40 | 11.5 | **SNEG 1205..** | 4015-M4x11 | ACK-05 | 4015-M4X11 | 80-T15 | 2508-M10x30 |
| AFM88C-SN12Z-D080-A27-Z07-H | ● | 80 | 7 | 27 | 50 | 11.5 | | | | | | 2510-M12x35 |

R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
**ZCC** Ucuna Uygundur. / Compatible with **ZCC** Insert. / Kompatibel mit **ZCC** Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AFM45C-SN12Z-D050-A22-Z05-H
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*
Sıkma Tork Değeri : S 464 / *Tightening Torque : P 464* / *Anzugsmoment : P 464*

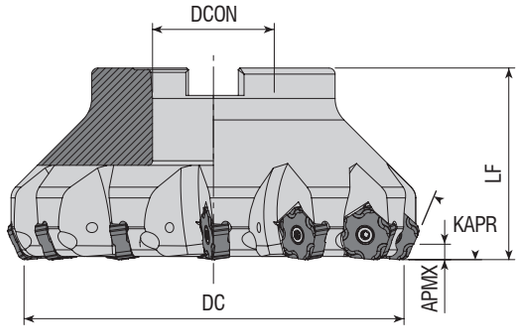
**ZCC** Ucuna Uygundur. / Compatible with **ZCC** Insert. / Kompatibel mit **ZCC** Wendeplatten.

**KAPR=90°**




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| **AFM90-LN15Z-D050-A22-Z04** | ● | 50 | 4 | 22 | 40 | 15 | **LNKT 1506..** | 4015-M4x11 | 80-T15 | 2508-M10x30 |
| **AFM90-LN15Z-D063-A22-Z05** | ● | 63 | 5 | 22 | 40 | 15 | | | | |
| **AFM90-LN15Z-D080-A27-Z06** | ● | 80 | 6 | 27 | 50 | 15 | | | | 2510-M12x35 |
| **AFM90-LN15Z-D100-A32-Z07** | ● | 100 | 7 | 32 | 50 | 15 | | | | 2514-M16x35 |
| **AFM90-LN15Z-D125-B40-Z08** | ● | 125 | 8 | 40 | 63 | 15 | | | | - |

**KAPR=67°**




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| **AFM67-PN1105-D050-A22-Z05** | ● | 50 | 5 | 22 | 50 | 5 | **PNEG 1105..** | 4015-M4x11 | 80-T15 | 2508-M10x30 |
| **AFM67-PN1105-D063-A22-Z06** | ● | 63 | 6 | 22 | 50 | 5 | | | | |
| **AFM67-PN1105-D080-A27-Z08** | ● | 80 | 8 | 27 | 50 | 5 | | | | 2510-M12x35 |
| **AFM67-PN1105-D100-B32-Z10** | ● | 100 | 10 | 32 | 50 | 5 | | | | |
| **AFM67-PN1105-D125-B40-Z12** | ● | 125 | 12 | 40 | 63 | 5 | | | | - |
| **AFM67-PN1105-D160-C40-Z14** | ● | 160 | 14 | 40 | 63 | 5 | | | | |

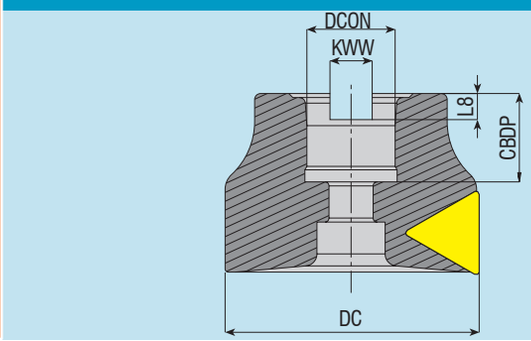
R: Sağ / Right / *Rechts*/ L: Sol / Left / *Links*

● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

**ZCC** Ucuna Uygundur. / Compatible with **ZCC** Insert. / Kompatibel mit **ZCC** Wendeplatten.

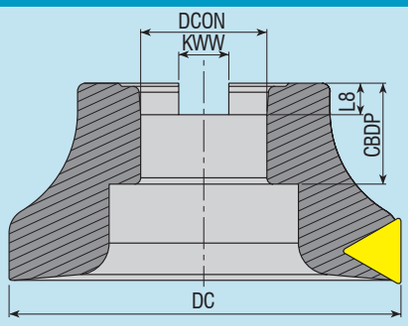
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AFM90-LN15Z-D050-A22-Z04
Kesme Hesabı : S 465 / *Cutting Calculation : P 465* / *Schnittberechnung : P 465*

## A TİP / *A TYPE / A-Typ*



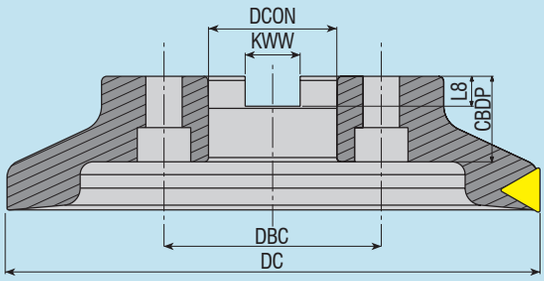

| DC | DCON | DBC | KWW | L8 | CBDP |
|---|---|---|---|---|---|
| 40 | 16 | - | 8.4 | 5.6 | 20 |
| 50 | 22 | - | 10.4 | 6.3 | 22 |
| 63 | 22 | - | 10.4 | 6.3 | 22 |
| 80 | 27 | - | 12.4 | 7 | 25 |
| 100 | 32 | - | 14.4 | 8 | 26 |

## B TİP / *B TYPE / B-Typ*



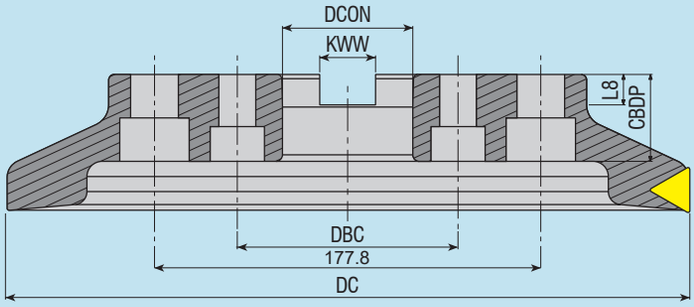

| DC | DCON | DBC | KWW | L8 | CBDP |
|---|---|---|---|---|---|
| 125 | 40 | - | 16.4 | 9 | 32 |

## C TİP / *C TYPE / C-Typ*




| DC | DCON | DBC | KWW | L8 | CBDP |
|---|---|---|---|---|---|
| 160 | 40 | 66.7 | 16.4 | 9 | 32 |
| 200 | 60 | 101.6 | 25.7 | 14 | 40 |
| 250 | 60 | 101.6 | 25.7 | 14 | 40 |

## D TİP / *D TYPE / D-Typ*




| DC | DCON | DBC | KWW | L8 | CBDP |
|---|---|---|---|---|---|
| 315 | 60 | 101.6 | 25.7 | 14 | 40 |

## TAKMA UÇLU MATKAP (U-DRILL) KULLANMA KILAVUZU

Matkabınızı CNC torna tezgahına bağlamadan önce taretin merkezden kaçık olup olmadığını kontrol etmeniz gerekir. Şayet taretinizde kaçıklık varsa, takma uçlu matkabınızı kesinlikle kullanmayınız. Taretin düzeltilmesi için yapılması gereken işlemler ;

1. Taretin tutucusuna kullanacağınız takma uçlu matkabın çapında ve boyunda üzeri hassas olan silindirik bir parça bağlanır ve tazgahın X değeri sıfıra getirilir.

2. Tezgahın aynasına mıknatıslı komprotör saati yerleştirilir. Saatin uç kısmı tarete bağlamış olduğumuz parçanın üstüne temas ettirilir.

3. Aynanın üzerine bağlamış olduğumuz mıknatıslı komprotör ayna ile beraber 360 derece döndürülerek saatteki değişim oranına göre taretin sıfırlanması sağlanır.

### TAKMA UÇLU MATKABINIZI CNC TORNANIZDA DAHA VERİMLİ KULLANMANIZ İÇİN GEREKLİ OLAN KESME HIZLARI ve DEVİRLERİ :

| Grup No. | Malzemenin Cinsi | Malzemenin Öz. | Kesme Hızı Vc (m/dk) |
|---|---|---|---|
| 1 | Çok Yumuşak İş Çelikleri | C1010, Otomat vb. | 220 |
| 2 | İmalat Çelik ve Döküm Malz. | C1030 - 106 vb. | 200 |
| 3 | Takım ve İmalat Çeşitleri | CK-45, 4140, 7131 vb. | 170 |
| 4 | Sıcak İş ve Paslanmaz Çelikler | İmpaks vb. | 150 |

Devir hesabı yapabilmek için önce malzemeyi seçiniz. Seçtiğiniz malzemenin kesme hızını (Vc) 1000 ile çarpıp 3.14'e bölmeliyiz. Çıkan değeri matkap çapına bölmeliyiz. **ÖRNEK** : Malzememiz takım ve imalat çeliği (3. grup), matkap çapı 25 mm kesme hızı 170 ise 170x1000=170000/3.14=54140, 54140/25=2166 devir çıkar (Tezgahın İş Mili Devri). Tezgahın ilerlemesi kullanacağınız uç ile de alakalı olup 0.05 ile 0.10 arasında değişim gösterir. Kullanıcı kesici ucun kesişine göre bunu ayarlar.

### İŞLEME MERKEZLERİ İÇİN İLERLEME HESABI :

Yukarıdaki hesaplamalarla bulmuş olduğunuz 2166 iş mili devrini, kesici uç ilerlemesi (mm/devir) 0.05 ile 0.10 arasındaki ilerleme seçenekleri ile çarpılır. **ÖRNEK 1 :** 2166x0.05=108 **ÖRNEK 2 :** 2116x0.10=217 çıkan sonuçlar 108 ve 217 işleme merkezleri için ilerleme mm/dakika hesabıdır.

Not: D4 ve üzeri takma uçlu matkaplarda tezgahın içten su verme basıncının en az 6 bar olması gerekmektedir.

## USER'S GUIDE FOR AKKO U-DRILLS

Before connecting your U-Drill to CNC lathe, you have to check if the turret is eccentric from the center or not. If there is any eccentricity in your turret, never use your U-Drill;

Processes that should be done to fix the turret :

1. A cylindirical part whose surface is precision and whose length and diameter is the same with the U-Drill that you will use, should be mounted to the holder of turret and X value of the lathe should be brought to zero ( 0 ).

2. Comparator should be mounted to chuck. The end of the comparator should be contacted ( touched ) to the surface of the part that we mounted on the turret.

3. The comparator that we mounted on the chuck should be turned 360-degree with the chuck and turret should be zeroed by that turning according to changing rate of comparator.

### CUTTING SPEED AND REVOLUTION THAT ARE NEEDED FOR USING ( RUNNING ) YOUR U-DRILLS MORE PRODUCTIVELY

| Grup No. | Material | Material Type | Cutting Speed Vc ( m/m) |
|---|---|---|---|
| 1 | Non-alloy steel and free cutting steel | C1010. Automat etc. | 220 |
| 2 | Low alloy steel and cast steel | C1030 - 106 etc. | 200 |
| 3 | Alloy steel and tool steel | CK-45, 4140, 7131 etc. | 170 |
| 4 | Hot Work Steel and Stainless Steel | Impax etc. | 150 |

P.S. : The cutting speed may be concerned with the type of the insert that you use.

Fistly, choose the material to make calculation of revolution. You should multiply the cutting speed (Vc) of the material that you chose by 1000 and divide by 3.14. You should divide the value that you found by the diameter of U-Drill. For Example : If our material is alloy steel and tool steel ( 3rd group ), diameter of the U-Drill is 25 mm, cutting speed is 170, we should calculate as following; 170x1000=170000/3.14=54140, 54140/25=2166 rpm is the result that we found ( Spindle Speed ) Feed rate of the lathe is concerned with the U-Drill that you will use and changes between 0.05 and 0.10. The user sets it according to cut of cutting insert.

### FEED CALCULATION FOR CENTRAL MACHINE :

2166 spindle speed, that we found as a result of above mentioned calculation, should be mutiplied by cutting insert feed ( mm/r ) between 0.05 and 0.10 feed choisses. Example 1 : 2166x0.05=108

Example 2 : 2116x0.10=217 The results 108 and 217 are the feed mm/m calculation for central machine.

Note: Cooling water pressure of lathe must be minimum 6 bar for our D4 u-drills and u-dirlls longer than D4.

## GEBRAUCHSANLEITUNG FÜR AKKO-VOLLBOHRER

Bevor Sie den Vollbohrer auf die Drehmaschine montieren, prüfen Sie bitte ob der Revolverkopf zentrisch sitzt. Sollte der Revolverkopf
aus der Mitte stehen, benutzen Sie den Vollbohrer bitte nicht . Auf folgende Weise können Sie den Revolverkopf zentrieren:
1.Setzen Sie ein präzises Drehteil, das die gleiche Länge und den gleichen Durchmesser hat wie der eingesetzte Vollbohrer,in den Halter vom Revolverkopf und justieren Sie den X-Wert der Drehmaschine auf null.
2. Setzen Sie bitte einen Messtaster in das Spannfutter ein. Der Fühler des Messtasters sollte mit der Oberfläche des Präzisionsteils im Revolver Kontakt haben.
3. Drehen Sie nun das Spannfutter mit dem Messtaster um 360°. Die angezeigte Abweichung zwischen Futter und Revolver sollte null betragen.

SCHNITTGESCHWINDIGKEIT UND DREHZAHL UM DIE VOLLBOHRER WIRTSCHAFTLICH EINZUSETZEN

| Hauptgruppe | Hauptgruppe | Materialbezeichnung | Schnittgeschwindigkeit vc (m/min.) |
|---|---|---|---|
| 1 | Nicht Legierter Stahl und Automatenstahl | C1010. Automatenstahl | 220 |
| 2 | Niedrig Legierter Stahl und Stahlguss | C1030 - 106 vb. | 200 |
| 3 | Legierter Stahl und Werkzeugstahl | CK-45, 4140, 7131 vb. | 170 |
| 4 | Warmarbeitsstahl und Rostfreier Stahl | Impax und weitere Chrom-Nickel-Stähle | 150 |

P.S.: Die genaue Schnittgeschwindigkeit hängt von der verwendeten Wendeschneidplatte ab.
In Abhängigkeit vom Material wählen Sie die Schnittgeschwindigkeit vc. Diesen Wert multiplizieren Sie mit 1000 und teilen ihn durch 3,14 und den Durchmesser des Werkzeugs (in mm).

Beispiel: Rostfreier Stahl (Hauptgruppe 3), Werkzeugdurchmesser 25 mm, Schnittgeschwindigkeit vc=170 m/min. Die Berechnung sieht wie folgt aus: 170x1000=170000/3,14=54140/25=2166 U/min. (Spindeldrehzahl). Der Vorschub der Maschine hängt vom Vollbohrer und der verwendeten Wendeschneidplatte ab und variiert zwischen 0,05 mm und 0,1 mm / Umdrehung.

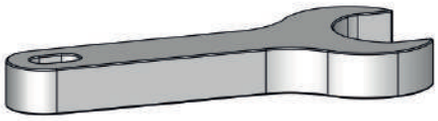
### VORSCHRUBBERECHNUNG :

Die oben berechnete Spindeldrehzahl von 2166 wird mit dem Vorschub 0,05 mm und 0,1 mm multipliziert. 2166 Umdr./min. x 0,05 mm/Umdr.=108 mm/min. 2166 Umdr./min. x 0,1 mm/Umdr.=216 mm/min. D.h. der Vorschub liegt zwischen108 mm/min. und 216 mm/min.
Hinweis: Der Kühlmitteldruck muss mindestens 6 bar betragen für die Vollbohrer mit >= 4xD

## SIKMA TORKU TAVSİYELERİ - RECOMMENDED TIGHTENING TORQUE
## EMPFOHLENES ANZUGSMOMENT

- Takımı Sıkmadan Önce Aşağıdaki Bilgileri Okuyunuz.
  *Read below information before tighting the tool.*
  *Bitte lesen Sie die nachfolgenden Informationen bevor Sie das Werkzeug spannen.*
- Vidalı Takımın Vida Ölçüsü ile Tutucunun İç Vida Ölçüsünü Sıkmadan Önce Kontrol Ediniz.
  *Check screw set's the screw size and together with mounting arbor inner dimension of screws.*
  *Prüfen Sie, ob das Gewinde vom Werkzeug mit dem Gewinde in der Verlängerung identisch ist.*
- Takımı Tutucuya Sıkarken Tablodaki İlgili Değerlere Göre İşlem Yapınız.
  *When tighting head to an arbor, follow the related tighting torque in the table.*
  *Wenn Sie den Einschraubfräser festziehen, beachten Sie bitte die angegebenen Anzugsmomente.*

| Vida<br>*Screw*<br>*Schraube* | Tork<br>*Torque (N.m)*<br>*Anzugsmoment (N.m)* |
|---|---|
| M6 | 8 |
| M8 | 23 |
| M10 | 46 |
| M12 | 80 |
| M16 | 90 |



## FREZELEME İŞLEMİNDE DEVİR ve İLERLEME HESABI

| Vc. | S | D | F | Z | fz | FORMÜLLER |
|---|---|---|---|---|---|---|
| Kesme Hızı (Uç Kutusunun Arkasından Okuyunuz) | İş Mili Devir Sayısı | Tarama Kafası Çapı | İlerleme | Tarama Kafası Ağız Sayısı | Diş Başına Düşen İlerleme Miktarı (Uç Kutusunun Arkasından Okuyunuz) | Devir Hesabı : S=(Vc x 1000) / (3,14 x D) İlerleme Hesabı : F=S x Z x fz |

**Örnek :** D=50 mm çapında, Z=5 ağızlı tarama kafası ile frezeleme yapacağız. Kesici uç kutusunun arkasında kesme hızı Vc=200m/dk. olarak verilmiş olsun. Tezgaha girilecek devri hesaplayalım: **Vc=200 m/dk. D=50 mm** S = Öncelikle Kesme Hızı 1000 ile çarpılır, çıkan sonuç 3,14 sayısına bölünür, buradan çıkan sonuç da tarama kafası çapına bölünür.
S=200x1000 = 200000 → 200000/3,14=63663 → 63663/50=1273 devir **S=1273 dev/dakika** deviri bulduktan sonra ilerlemeyi bulalım : **Z=5** ağızlı tarama kafası olsun **fz=0,12** olarak uç kutusunun arkasından okunmuş olsun F= yukarıda bulmuş olduğumuz devir sayısı ile ağız sayısı çarpılır, çıkan sonuç diş başına düşen ilerleme miktarı ile çarpılır.
F=1273x5 = 6365 → 6365x0,12 = 763 F=763 mm/dakika
Tezgaha girilecek olan devir = S 1273 Tezgaha girilecek olan ilerleme : **F 763 ortalama değerdir.**

**Not:** Vc ve fz değerlerinin uç kutusunun arkasında verilmiş olması gerekir. Eğer bu değerleruç kutusunun üzerinde yoksa, kesici ucun katoloğundan bulunuz. İşleyeceğiniz malzeme çelik ise P, paslanmaz çelik ise M, dökme demir ise K bölümünde yazılı olan Vc ve fz değerlerini okuyun.

## CALCULATING SPINDLE SPEED and FEED RATE FOR MILLING PROCESS

| Vc. | S | D | F | Z | fz | FORMULAS |
|---|---|---|---|---|---|---|
| Cutting Speed (Please read from the back-side of cutting insert box) | Spindle Revolution rpm | Milling Tool Diameter | Feed Rate | Number of Effective Tooth | Feed Per Tooth (Please Read From The Back Side of Cutting Insert Box) | Calculation of Revolution : S=(Vc x 1000) / (3,14 x D) Feed Rate Calculation : F=S x Z x fz |

For Example : We will make milling with milling tool whose diamention is D 50 mm, whose theeth number is Z=5. The spindle revolution was written as Vc=200m/mn at the back side of cutting insert box. Let's calculate the revolution that should be entered to the milling machine : Vc=200 m/mn D=50 mm
S = Firstly Cutting Speed is multiplied with 1000, the result should be divided by 3.14 , the last result should be divided by diameter of milling tool.
S = 200 x1000 = 200000 → 200000/3,14 = 63663 → 63663/50 = 1273 rev S=1273 rev / mn
After finding spindle revolution, let's find feed rate : milling tool with Z=5 teeth and we read fz=0,12 from the back side of cutting insert box.
F = Tooth number should be multiplied with revolution, the result should be multiplied with feed per tooth.
F = 1273 x 5 = 6365 → 6365 x 0,12 = 763 F = 763 mm / mn
Revolution that should be entered to the milling machine = S 1273 Feed Rate that should be entered to the milling machine = F 763 average value.
P.S : The values Vc and fz has to be written at the back side of the cutting insert. If these values were not written on the cutting insert box, please find them from cutting insert catalogue. If the material that you will work is steel, please read Vc and fz values that were written on the part P, if it is stainless steel please read from the part M, if it is cast iron please read from the part K.

## BERECHNUNG VON DREHZAHL UND VORSCHUB FÜR FRÄSWERKZEUGE

| Vc. | S | D | F | Z | fz | Formeln |
|---|---|---|---|---|---|---|
| Schnittgeschwin-digkeit (finden Sie z.B. auf der Verpackung der Wendeschneidplatte | Spindel Drehzahl | Fräswerkzeug Durchmesser | Vorschubges-chwindigkeit | Anzahl der effektiven Zähne | Vorschub pro Zahn (finden Sie z.B. auf der Verpackung der Wendeschneidplatte) | Berechnung der Drehzahl: n= (vc x 1000) / (3,14xD) Vorschubberechnung: F=n x Z x fz |

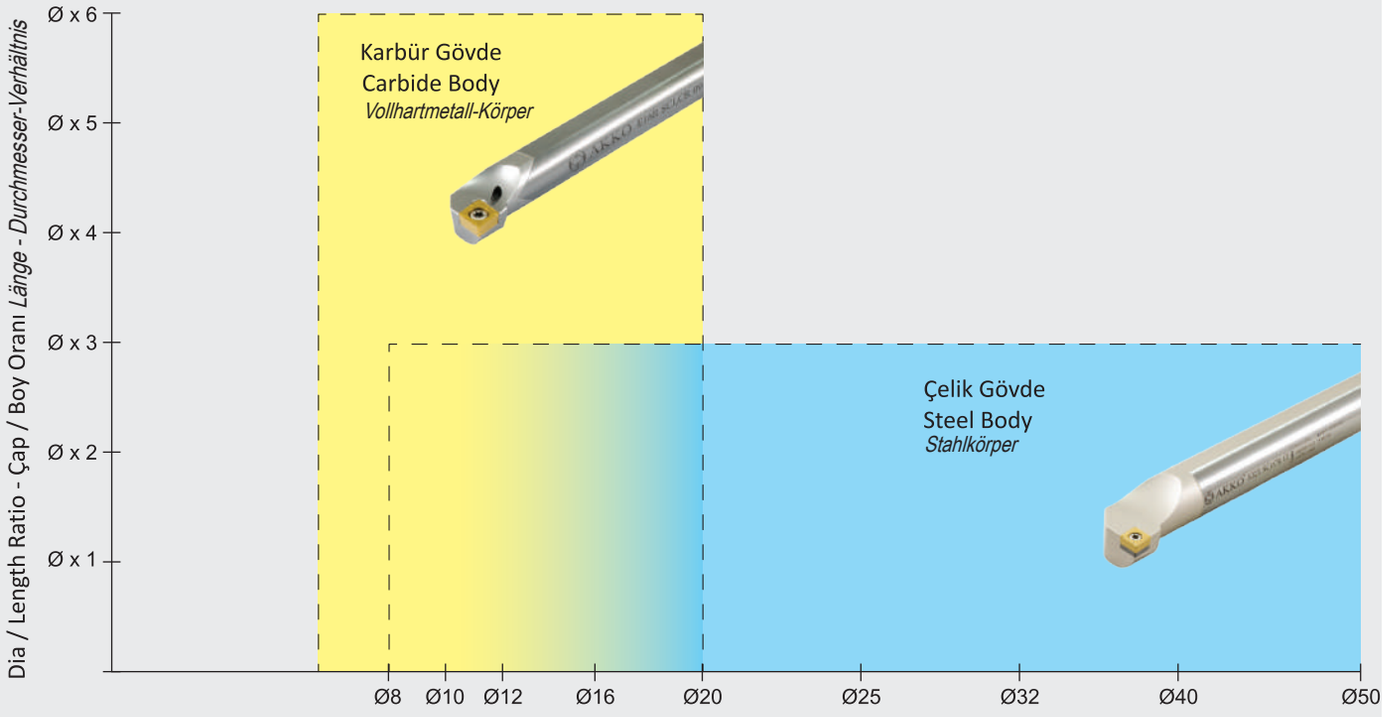
Beispiel: Fräswerkzeug mit D=50 mm und Z=5. Schnittgeschwindigkeit vc=200 m/min. (laut Wendeplattenverpackung).
Berechnung der Drehzahl: n=200 m/min. x 1000 = 200000 / 3,14=63694 / 50 mm = 1273 Umdr./min.
Berechnung des Vorschubs: Ermittlung von fz (finden Sie z.B. auf der Verpackung der Wendeschneidplatte), für das Berechnungsbeispiel fz=0,12 mm F = n x Z x fz = 1273 x 5 x 0,12 = 763 mm/min. D.h., Sie stellen an der Maschine folgende Werte ein: Drehzahl n = 1273 Umdr./min., Vorschub F = 763 mm/min.

P.S.: Die Werte für vc und fz finden Sie auf der Rückseite der Wendeschneidplattenverpackung. Sollten diese Werte dort nicht stehen, können Sie diese auch im Wendeschneidplattenkatalog finden. Für Stahl wählen Sie für vc und fz bitte die Werte aus dem Bereich P, für rostfreien Stahl aus dem Bereich M und für Guss aus dem Bereich K.

## Gövde Malzemesine Göre Delik İçi Kater Uygulama Kılavuzu

### Internal Boring Bars Application Guide, Related to Body Material

### Anwendungshinweise für Bohrstangen, abhängig vom Bohrstangen-Material




## T Kanal Freze Kullanım ve Ön Hazırlama Kılavuzu

### Application Guide For T-Slot Milling

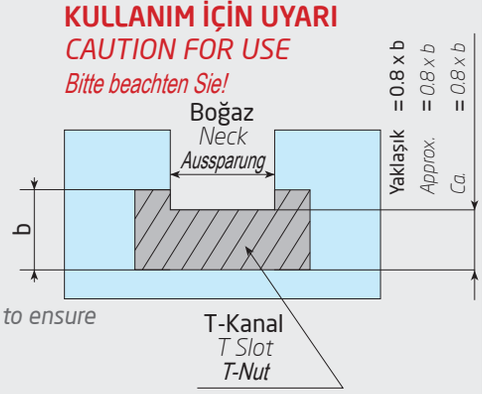
### Anwendungshinweise für T-Nutenfräser

T kanal frezelemede talaşın rahat boşaltılması için iş parçası resimde gösterildiği şekilde işlenmelidir.

Örnek: ATSM90-CC06- D32X10-W25- L100-Z04 kodlu T freze ile kanal açmadan önce, takımın boğazının çalışacağı kısmın parmak freze ile işlenmesi gerekir. Bu durumda kanalın tamamen işlenmesi çok yanlıştır. Tabanda (0.8 x b = 0.8 x 10 ) 8mm işlenmeden bırakılmalıdır. Bu bölgeyi T frezenin işlemesi, takımın daha sağlıklı çalışması açısından gereklidir.

İşlenen kanallarda yumuşak kesim için talaşlar uzaklaştırılmış olmalıdır.

**KULLANIM İÇİN UYARI**
*CAUTION FOR USE*
*Bitte beachten Sie!*




*When T slot machining steel, the workpiece must be machined as shown in the drawing to ensure smooth chip evacuation.*
*Example: Before slotting with the T - slot milling cutter - code ATSM90-CC06-D32X10-W25-L100-Z04,*
*The area of the neck of the tools to be worked and must be machined by End-Mill.*
*In this case, it is very wrong to machining the slot completely.*
*Bottom area (0.8 x b = 0.8 x 10) should be left 8 mm without machining.*
*This area's operation must be machined by the T- slot milling cutter which is also necessary for the healthier work of the tool holder.*
*Slots to be machined must be free from chips for smooth machining.*

*Beim Einsatz von T-Nutenfräsern muss das Werkstück so bearbeitet werden wie es in der Zeichnung dargestellt ist, um einen problemlosen Spänetransport zu gewährleisten.*
*Bespiel: Einsatz des T-Nutenfräsers ATSM90-CC06-D32X10-W25-L100-Z04*
*Die Aussparung für den Halsbereich des T-Nutenfräsers muss mit einem Schaftfräser vorgearbeitet werden. Bitte beachten Sie dabei, dass die Aussparung nicht komplett bis auf den Grund gefräst wird, sondern eine Bodenstärke von 0,8xb (im Beispiel 0,8x10 mm=8 mm) im Werkstück verbleibt.*
*Dieser Bereich soll mit dem T-Nutenfräser bearbeitet werden, da dies für die Stabilität und Standzeit des Werkzeugs besser ist.*
*In der zu bearbeitenden Nut sollten keine Späne mehr vorhanden sei.*

AKKO®

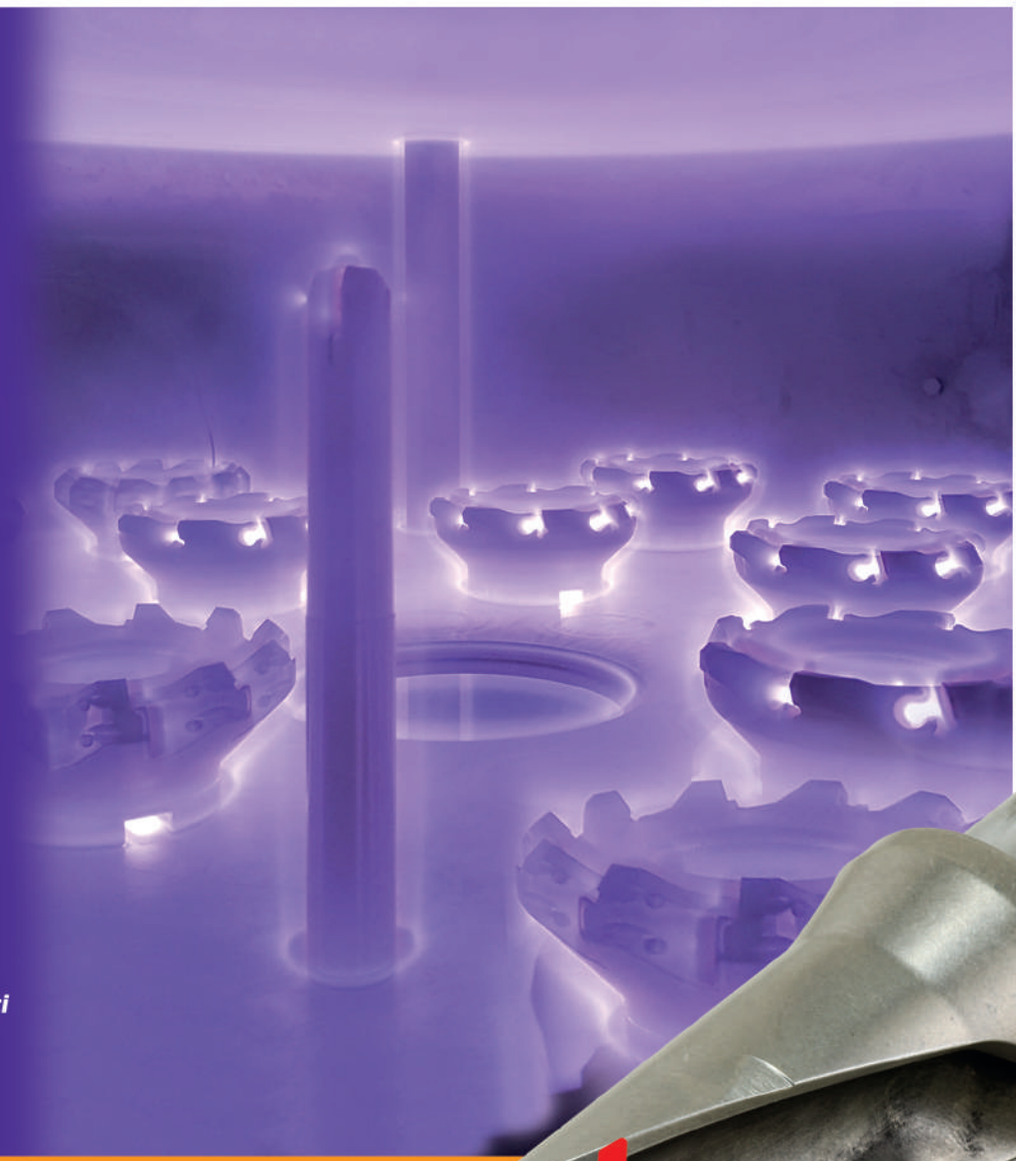
α = 5 Kat Dayanıklılık | α = 5 Times Long Life | α = 5-Fache Standzeit

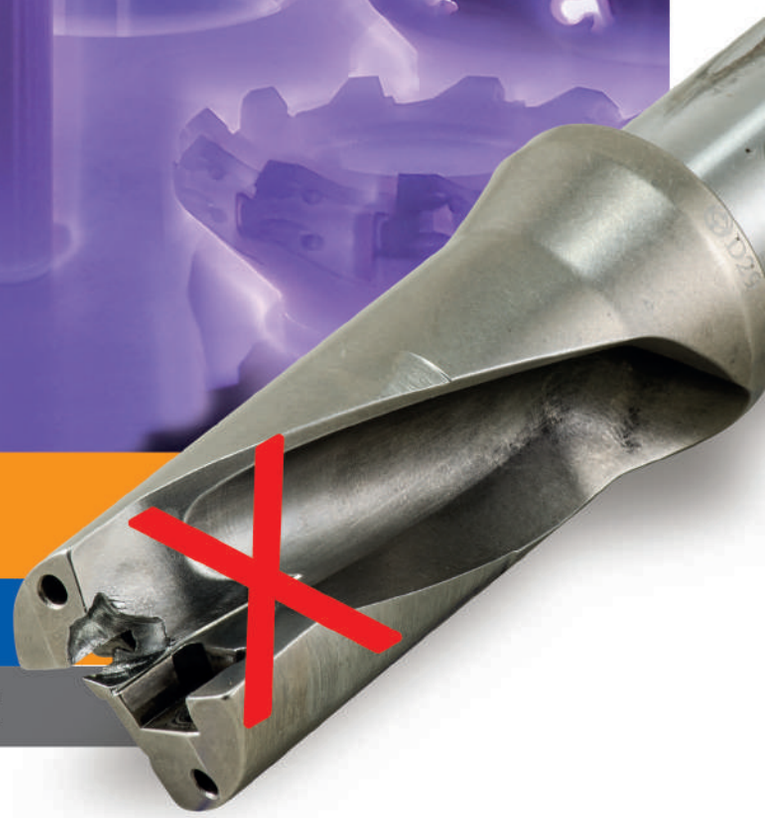
## Alfa Kaplamanın Avantajları

*Alpha Coating Advantages*

*Vorteile der Alpha-Beschichtung*

- ***Yüksek aşınma direnci***
  *High resistance to abrasion*
  *Hoher Verschleißschutz*
- ***Yüksek yüzey sertliği 750-800 Vickers***
  *High surface hardness 750-800 Vickers*
  *Hohe Oberflächenhärte von 750-800 HV*
- ***Temperlemeye karşı yüksek direnç***
  *High resistance to tempering*
  *Hoher Temperaturwiderstand*
- ***Yüksek yorulma mukavemeti***
  *High fatigue strength*
  *Hohe Dauerfestigkeit*
- ***Yüksek çizik ve çentik direnci***
  *High scratch and impact resistance*
  *Hoher Kratz-und Stoß-Widerstand*
- ***Paslanmaz olmayan çelikler için daha yüksek korozyon direnci***
  *Resistant to corrosion of non-stainless steel*
  *Korrosionsschutz*





takımınız neden
**daha uzun ömürlü**
olmasın?...

**longer tool life...**

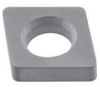
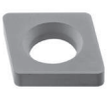
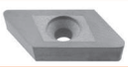
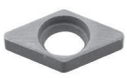
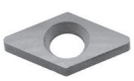
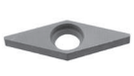
**längere Werkzeug-Standzeit**

α Çevre Dostudur. α is friend of environment.
α ist umweltfreundlich.

İnsan sağlığı açısından zararlı değildir. Is not harmful to human health.
Nicht gesundheitsschädlich.

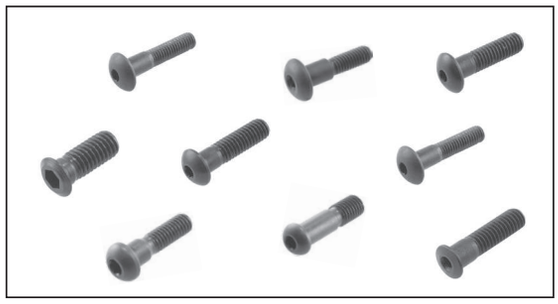
Gaz ve diğer atıkları çevreyi kirletmez. Gas and other wastes will not pollute the environment.
Umweltverträgliches Beschichtungsverfahren.

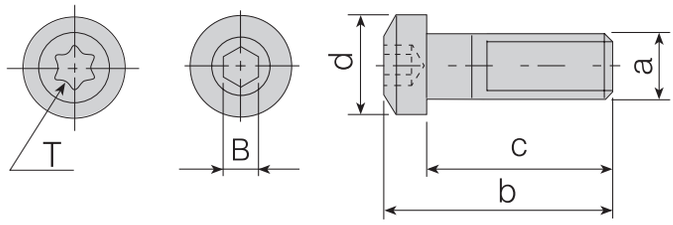
## ALTLIKLAR / *SHIMS* / *UNTERLAGE*

| ÜRÜN RESMİ/*PICTURE* *BILD* | ÜRÜN KODU/*CODE* *BEZEICHNUNG* | ÜRÜN DETAYI / *PRODUCT DETAIL* *PRODUKTBESCHREİBUNG* | |
|---|---|---|---|
| | **AATN-2-0001** | S-SİSTEM için / *For S-SYSTEM* / *FÜR S-SYSTEM* | TCMT 16 ALTLIK / *SHIM* / *UNTERLAGE* |
| | **AATN-2-0002** | T-M SİSTEM için / *For T-M SYSTEM* / *FÜR T-M-SYSTEM* | TNMG 16 ALTLIK / *SHIM* / *UNTERLAGE* |
| | | C-SİSTEM için / *For C-SYSTEM* / *FÜR C-SYSTEM* | TNGN 16 ALTLIK / *SHIM* / *UNTERLAGE* |
| | **AATN-3-0025** | P-SİSTEM için / *For P-SYSTEM* /*FÜR P-SYSTEM* | TNMG 16 ALTLIK / *SHIM* / *UNTERLAGE* |
| | **AATN-3-0015** | T-M-P SİSTEM için / *For T-M SYSTEM* / *FÜR T-M-P-SYSTEM* | TNMG 22 ALTLIK / *SHIM* / *UNTERLAGE* |
| | **AATN-2-0020** | DİŞ VİDA 16 ALTLIK / *For THREADING 16 SHIM* / *16 SHIM / GEWINDE 16 UNTERLAGE* | |
| | **AATN-2-0004** | DİŞ VİDA 22 ALTLIK / *For THREADING 22 SHIM* / *GEWINDE 22 UNTERLAGE* | |
| | **ATS-16E** | DİŞ VİDA 16, DIŞ ÇAP SAĞ - DELİK İÇİ SOL ALTLIK / *For THREADING SYSTEM 16 SHIM, EXTERNAL RIGHT-INTERNAL LEFT* / FÜR 16 ER-GEWINDEPLATTE, EXTERN RECHTS - INTERN LINKS | |
| | **ATS-16I** | DİŞ VİDA 16, DIŞ ÇAP SOL - DELİK İÇİ SAĞ ALTLIK / *For THREADING SYSTEM 16 SHIM, EXTERNAL LEFT-INTERNAL RIGHT* / *FÜR 16 ER-GEWINDEPLATTE, EXTERN LINKS - INTERN RECHTS* | |
| | **ATS-22E** | DİŞ VİDA 22, DIŞ ÇAP SAĞ - DELİK İÇİ SOL ALTLIK / *For THREADING SYSTEM 22 SHIM, EXTERNAL RIGHT-INTERNAL LEFT* / *FÜR 22 ER-GEWINDEPLATTE, EXTERN RECHTS - INTERN LINKS* | |
| | **ATS-22I** | DİŞ VİDA 22, DIŞ ÇAP SOL - DELİK İÇİ SAĞ ALTLIK / *For THREADING SYSTEM 22 SHIM, EXTERNAL LEFT-INTERNAL RIGHT* / *FÜR 22 ER-GEWINDEPLATTE, EXTERN LINKS - INTERN RECHTS* | |
| | **ATS-27E** | DİŞ VİDA 27, DIŞ ÇAP SAĞ - DELİK İÇİ SOL ALTLIK / *For THREADING SYSTEM 27 SHIM, EXTERNAL RIGHT-INTERNAL LEFT* / *FÜR 27 ER-GEWINDEPLATTE, EXTERN RECHTS - INTERN LINKS* | |
| | **ATS-27I** | DİŞ VİDA 27, DIŞ ÇAP SOL - DELİK İÇİ SAĞ ALTLIK / *For THREADING SYSTEM 27 SHIM, EXTERNAL LEFT-INTERNAL RIGHT* / *FÜR 27 ER-GEWINDEPLATTE, EXTERN LINKS - INTERN RECHTS* | |
| | **AACN-2-0001** | S-SİSTEM için / *For S-SYSTEM* / *FÜR S-SYSTEM* | CCMT 09 ALTLIK / *SHIM* / *UNTERLAGE* |
| | | T-SİSTEM için / *For T-SYSTEM* / *FÜR T-SYSTEM* | CNMG 09 ALTLIK / *SHIM* / *UNTERLAGE* |
| | **AACN-2-0002** | P-SİSTEM için / *For P-SYSTEM* / *FÜR P-SYSTEM* | CNMG 09 ALTLIK / *SHIM* / *UNTERLAGE* |
|  | **AACN-2-0003** | S-SİSTEM için / *For S-SYSTEM* / *FÜR S-SYSTEM* | CCMT 12 ALTLIK / *SHIM* / *UNTERLAGE* |
| | **AACN-3-0001** | T-M-P SİSTEM için / *For T-M-P SYSTEM* /*FÜR T-M-P-SYSTEM* | CNMG 12 ALTLIK / *SHIM* / *UNTERLAGE* |
| | | C-SİSTEM için / *For C-SYSTEM* / *FÜR C-SYSTEM* | CNGN 12 ALTLIK / *SHIM* / *UNTERLAGE* |
|  | **AACN-3-0002** | T-P SİSTEM için / *For T-P SYSTEM* / *FÜR T-P-SYSTEM* | CNMG 16 ALTLIK / *SHIM* / *UNTERLAGE* |
| | **AACN-3-0003** | T-P SİSTEM için / *For T-P SYSTEM* / *FÜR T-P-SYSTEM* | CNMG 19 ALTLIK / *SHIM* / *UNTERLAGE* |
| | **AACN-3-0008** | T-P SİSTEM için / *For T-P SYSTEM* / *FÜR T-P-SYSTEM* | CNMG 25 ALTLIK / *SHIM* / *UNTERLAGE* |
| | **AAWN-2-0003** | T-M-P SİSTEM için / *For T-M-P SYSTEM* /*FÜR T-M-P-SYSTEM* | WNMG 08 KALIN ALTLIK / *THICK SHIM* / *DICKE UNTERLAGE* |
| | **AAWN-3-0001** | T-M-P SİSTEM için / *For T-M-P SYSTEM* /*FÜR T-M-P-SYSTEM* | WNMG 08 ALTLIK / *SHIM* / *UNTERLAGE* |
| | **AAWN-SW317** | T-M-P SİSTEM için / *For T-M-P SYSTEM* /*FÜR T-M-P-SYSTEM* | WNMG 06 ALTLIK / *SHIM* / *UNTERLAGE* |
|  | **AKS-16L** | C-SİSTEM için / *For C-SYSTEM* / *FÜR C-SYSTEM* | KNUX-L 16 ALTLIK / *SHIM* / *UNTERLAGE* |
| | **AKS-16R** | C-SİSTEM için / *For C-SYSTEM* / *FÜR C-SYSTEM* | KNUX-R 16 ALTLIK / *SHIM* / *UNTERLAGE* |
| | **AASD-3-0001** | S-SİSTEM FREZELEME için / *For S-SYSTEM MILLING* / *S-SYSTEM FÜR FRÄSER* | SDMT 12 ALTLIK / *SHIM* / *UNTERLAGE* |
| | **AASE-3-0001** | S-SİSTEM FREZELEME için / *For S-SYSTEM MILLING* / *S-SYSTEM FÜR FRÄSER* | SEMT 13 ALTLIK / *SHIM* / *UNTERLAGE* |
| | **AASN-2-0001** | S-SİSTEM için / *For S-SYSTEM* / *FÜR S-SYSTEM* | SCMT 09 ALTLIK / *SHIM* / *UNTERLAGE* |
| | **AASN-2-0002** | P-SİSTEM için / *For P-SYSTEM* / *FÜR P-SYSTEM* | SNMG 09 ALTLIK / *SHIM* / *UNTERLAGE* |
| | **AASN-2-0004** | S-SİSTEM için / *For S-SYSTEM* / *FÜR S-SYSTEM* | SCMT 12 ALTLIK / *SHIM* / *UNTERLAGE* |
| | **AASN-3-0004** | T-P SİSTEM için / *For T-P SYSTEM* / *FÜR T-P-SYSTEM* | SNMG 12 ALTLIK / *SHIM* / *UNTERLAGE* |
| | | C-SİSTEM için / *For C-SYSTEM* / *FÜR C-SYSTEM* | SNGN 12 ALTLIK / *SHIM* / *UNTERLAGE* |
| | **AASN-3-0023** | T-P SİSTEM için / *For T-P SYSTEM* / *T-P ТИП* | SNMG 15 ALTLIK / *SHIM* / *UNTERLAGE* |
| | **AASN-3-0005** | T-P SİSTEM için / *For T-P SYSTEM* / *FÜR T-P-SYSTEM* | SNMG 19 ALTLIK / *SHIM* / *UNTERLAGE* |
| | **AASN-3-0020** | T-P SİSTEM için / *For T-P SYSTEM* / *FÜR T-P-SYSTEM* | SNMG 25 ALTLIK / *SHIM* / *UNTERLAGE* |
| | **AASN-20020** | PSDNN KARTUŞ için / *For PSDNN CARTRIDGE* / *FÜR PSDNN-KURZDREHHALTER* | SNMG 12 ALTLIK / *SHIM* / *UNTERLAGE* |
|  | **AADN-2-0001** | S-SİSTEM için / *For S-SYSTEM* / *FÜR S-SYSTEM* | DCMT 11 ALTLIK / *SHIM* / *UNTERLAGE* |
| | | T-SİSTEM için / *For T-SYSTEM* / *FÜR S-SYSTEM* | DNMG 11 ALTLIK / *SHIM* / *UNTERLAGE* |
| | **AADN-SD317** | P-SİSTEM için / *For P-SYSTEM* / *FÜR P-SYSTEM* | DNMG 11 ALTLIK / *SHIM* / *UNTERLAGE* |
|  | **AADN-3-0001** | T-M-P SİSTEM için / *For T-M-P SYSTEM* / *FÜR T-M-P-SYSTEM* | DNMG 15 ALTLIK / *SHIM* / *UNTERLAGE* |
| | | C-SİSTEM için / *For C-SYSTEM* / *FÜR C-SYSTEM* | DNGN 15 ALTLIK / *SHIM* / *UNTERLAGE* |
| | **AADN-2-0003** | T-SİSTEM için / *For T-SYSTEM* / *FÜR T-SYSTEM* | *DNMG 15 KALIN ALTLIK / THICK SHIM / DICKE UNTERLAGE* |
|  | **AAVN-2-0002** | S-SİSTEM için / *For S-SYSTEM* / *FÜR S-SYSTEM* | VBMT 16, VCMT 16 ALTLIK / *SHIM* / *UNTERLAGE* |
| | | T-SİSTEM için / *For T-SYSTEM* / *TFÜR T-SYSTEM* | VNMG 16 ALTLIK / *SHIM* / *UNTERLAGE* |
| | **AAVN-2-0003** | S-SİSTEM için / *For S-SYSTEM* / *FÜR S-SYSTEM* | VCMT 22 ALTLIK / *SHIM* / *UNTERLAGE* |
| | **AARC-3-0001** | C-SİSTEM için / *For C-SYSTEM* / *FÜR C-SYSTEM* | RCGX 06 ALTLIK / *SHIM* / *UNTERLAGE* |
| | **AARC-3-0002** | C-SİSTEM için / *For C-SYSTEM* / *FÜR C-SYSTEM* | RCGX 09 ALTLIK / *SHIM* / *UNTERLAGE* |
| | **AARC-3-0003** | C-SİSTEM için / *For C-SYSTEM* / *FÜR C-SYSTEM* | RCGX 12 ALTLIK / *SHIM* / *UNTERLAGE* |
| | **AARC-3-0005** | C-SİSTEM için / *For C-SYSTEM* / *FÜR C-SYSTEM* | RCGX 06 ALTLIK / *SHIM* / *UNTERLAGE* |
| | **AARC-3-0006** | C-SİSTEM için / *For C-SYSTEM* / *FÜR C-SYSTEM* | RCGX 09 ALTLIK / *SHIM* / *UNTERLAGE* |
| | **AARC-3-0007** | C-SİSTEM için / *For C-SYSTEM* / *FÜR C-SYSTEM* | RCGX 12 ALTLIK / *SHIM* / *UNTERLAGE* |

# BASKI PABUÇLARI / *CLAMPS* / *SPANNSPRATZE*

| ÜRÜN RESMİ *PICTURE / BILD* | ÜRÜN KODU/*CODE BEZEICHNUNG* | ÜRÜN DETAYI / *PRODUCT DETAIL PRODUKTBESCHREIBUNG* | |
|---|---|---|---|
| | **ATK-01** | T-SİSTEM için / *For T-SYSTEM* / *FÜR T-SYSTEM* | DNMG 11, WNMG 06, TNMG 16,<br>CNMG 09 BASKI PABUCU / *CLAMP* / *PRATZE* |
| | **ATK-02** | T-SİSTEM için / *For T-SYSTEM* / *FÜR T-SYSTEM* | CNMG 12, WNMG 08, TNMG 22,<br>DNMG 15, SNMG 12 BASKI PABUCU / *CLAMP* / *PRATZE* |
| | **ATK-03** | T-SİSTEM için / *For T-SYSTEM* / *FÜR T-SYSTEM* | VNMG 16 BASKI PABUCU / *CLAMP* / *PRATZE* |
| | **ATK-04** | T-SİSTEM için / *For T-SYSTEM* / *FÜR T-SYSTEM* | CNMG 16, SNMG 15 BASKI PABUCU / *CLAMP* / *PRATZE* |
| | **ATKH-01-R / ATKH-01-B** | T-SİSTEM için / *For T-SYSTEM* / *FÜR T-SYSTEM* | CNMG 12 İÇTEN SOĞUTMA KANALLI BASKI PABUCU / *WITH COOLANT TOOLS* / *INNENKÜHLUNG* |
| | **ATKH-02-L / ATKH-02-B** | T-SİSTEM için / *For T-SYSTEM* / *FÜR T-SYSTEM* | CNMG 12 İÇTEN SOĞUTMA KANALLI BASKI PABUCU / *WITH COOLANT TOOLS* / *INNENKÜHLUNG* |
| | **ATKH-03-R / ATKH-03-B** | T-SİSTEM için / *For T-SYSTEM* / *FÜR T-SYSTEM* | TNMG 16 İÇTEN SOĞUTMA KANALLI BASKI PABUCU / *WITH COOLANT TOOLS* / *INNENKÜHLUNG* |
| | **ATKH-04-L / ATKH-04-B** | T-SİSTEM için / *For T-SYSTEM* / *FÜR T-SYSTEM* | TNMG 16 İÇTEN SOĞUTMA KANALLI BASKI PABUCU / *WITH COOLANT TOOLS* / *INNENKÜHLUNG* |
|  | **ATKH-05-R / ATKH-05-B** | T-SİSTEM için / *For T-SYSTEM* / *FÜR T-SYSTEM* | VNMG 16 İÇTEN SOĞUTMA KANALLI BASKI PABUCU / *WITH COOLANT TOOLS* / *INNENKÜHLUNG* |
| | **ATKH-06-L / ATKH-06-B** | T-SİSTEM için / *For T-SYSTEM* / *FÜR T-SYSTEM* | VNMG 16 İÇTEN SOĞUTMA KANALLI BASKI PABUCU / *WITH COOLANT TOOLS* / *INNENKÜHLUNG* |
|  | **ATKH-07-R / ATKH-07-B** | T-SİSTEM için / *For T-SYSTEM* / *FÜR T-SYSTEM* | SNMG 15 İÇTEN SOĞUTMA KANALLI BASKI PABUCU / *WITH COOLANT TOOLS* / *INNENKÜHLUNG* |
| | **ATKH-08-L / ATKH-08-B** | T-SİSTEM için / *For T-SYSTEM* / *FÜR T-SYSTEM* | SNMG 15 İÇTEN SOĞUTMA KANALLI BASKI PABUCU / *WITH COOLANT TOOLS* / *INNENKÜHLUNG* |
| | **ATKH-09-R / ATKH-09-B** | T-SİSTEM için / *For T-SYSTEM* / *FÜR T-SYSTEM* | CNMG 12 İÇTEN SOĞUTMA KANALLI BASKI PABUCU / *WITH COOLANT TOOLS* / *INNENKÜHLUNG* |
| | **ATKH-10-L / ATKH-10-B** | T-SİSTEM için / *For T-SYSTEM* / *FÜR T-SYSTEM* | CNMG 12 İÇTEN SOĞUTMA KANALLI BASKI PABUCU / *WITH COOLANT TOOLS* / *INNENKÜHLUNG* |
| | **AMK-01** | M-SİSTEM için / *For M-SYSTEM* / *FÜR M-SYSTEMM* | WNMG 06 BASKI PABUCU / *CLAMP* / *PRATZE* |
| | **AMK-02** | M-SİSTEM için / *For M-SYSTEM* / *FÜR M-SYSTEMM* | *DELİK İÇİ / INTERNAL Ø20 TNMG 16, Ø25 MT-NR/L 16 BASKI PABUCU / CLAMP / PRATZE* |
| | **AMK-03** | M-SİSTEM için / *For M-SYSTEM* / *FÜR M-SYSTEMM* | DNMG 11, CNMG 12 BASKI PABUCU / CLAMP / PRATZE |
| | **AMK-04** | M-SİSTEM için / *For M-SYSTEM* / *FÜR M-SYSTEMM* | DNMG 15, TNMG 16-22 BASKI PABUCU / *CLAMP* / *PRATZE* |
| | **AMK-05** | M-SİSTEM için / *For M-SYSTEM* / *FÜR M-SYSTEMM* | WNMG 08 BASKI PABUCU / *CLAMP* / *PRATZE* |
| | **AMK-07** | M-SİSTEM için / *For M-SYSTEM* / *FÜR M-SYSTEMM* | S20R MCLNR/L BASKI PABUCU / *CLAMP* / *PRATZE* |
|  | **AMK-08** | M-SİSTEM için / *For M-SYSTEM* / *FÜR M-SYSTEMM* | TNMG 22 BASKI PABUCU / *CLAMP* / *PRATZE* |
| | **ACK-01-R** | C-SİSTEM için / *For C-SYSTEM* / *FÜR C-SYSTEM* | KNUX-R BASKI PABUCU / *CLAMP* / *PRATZE* |
| | **ACK-02-L** | C-SİSTEM için / *For C-SYSTEM* / *FÜR C-SYSTEM* | KNUX-L BASKI PABUCU / *CLAMP/ PRATZE* |
| | **ACK-03** | C-SİSTEM için / *For C-SYSTEM* / *FÜR C-SYSTEM* | 154.91 DIŞ ÇAP ve DELİK İÇİ/EXTERNAL and INTERNAL/ AUßEN-DREHHALTER<br>Ø25-Ø32 / PABUCU / CLAMP /PRATZE |
| | **ACK-04** | P-C-SİSTEM için / *For P-C-SYSTEM* / *FÜR P-C-SYSTEM* | CTFPR KARTUŞ BASKI PABUCU / CARTRIDGE CLAMP / PRATZE FÜR KASSETTE |
| | **ACK-05** | P-C-SİSTEM için / *For P-C-SYSTEM* / *FÜR P-C-SYSTEM* | *FREZELEME ve DİŞ VİDA AÇMA TAKIMLARINA GÖRE İLAVE BASKI PABUCU*<br>*ADDITIONAL LITTLE CLAMP for MILLING and THREADING CLAMP*<br>*KLEINE ZUSATZKLEMME FÜR FRÄSER UND GEWINDEWERKZEUGE* |
| | **ACK-06** | C-SİSTEM için / *For C-SYSTEM* / *FÜR C-SYSTEM* | 154.91 DELİK İÇİ / *INTERNAL* / *INNEN* Ø16-Ø20<br>BASKI PABUCU / *CLAMP* / *PRATZE* |
| | **ACK-07** | C-SİSTEM için / *For C-SYSTEM* / *FÜR C-SYSTEM* | *SERAMİK CNGN, SNGN, DNGN YEDEK TAKIMI SPARE PART SET of CERAMIC CNGN,SNGN, DNGN*<br>*ERSATZTEILSATZ FÜR KERAMIKCNGN,SNGN, DNGN* |
|  | **ACK-08** | C-SİSTEM için / *For C-SYSTEM* / *FÜR C-SYSTEM* | *SERAMİK TNGN, YEDEK TAKIMI SPARE PART SET of CERAMIC TNGN*<br>*ERSATZTEILSATZ FÜR KERAMIK TNGN* |
| | **ACK-09** | P-SİSTEM için / *For P-SYSTEM* / *FÜR P-SYSTEM* | *CNMG 16-19, SNMG 15-19 İLAVE BÜYÜK BASKI PABUCU ADDITIONAL BIG CLAMP*<br>*/ ZUSÄTZLICHE GROSSE KLEMME* |
| | **ACK-10** | C-SİSTEM FREZELEME için / For C-SYSTEM MILLING<br>C-SYSTEM FÜR FRÄSER | SPKN 12, Ø50-Ø63 TPKN 16<br>BASKI PABUCU / *CL AMP* / *PRATZE* (M8x8) |
| | **ACK-11** | C-SİSTEM FREZELEME için / For C-SYSTEM MILLING<br>C-SYSTEM FÜR FRÄSER | Ø80-Ø100 TPKN 16-TPKN 22, OFKR 07, HNMX 09<br>BASKI PABUCU / CLAMP / *PRATZE* (M8x10) |
| | **ACK-12** | C-SİSTEM için / *For C-SYSTEM* / *FÜR C-SYSTEM* | *CTSPR KARTUŞ BASKI PABUCU / CARTRIDGE CLAMP* |
| | **ACK-15** | S-SİSTEM FREZELEME için / For S-SYSTEM MILLING<br>S-SYSTEM FÜR FRÄSER | RD.. 10-12 BASKI PABUCU / CLAMP / PRATZE |
| | **ACK-19** | S-SİSTEM FREZELEME için / For S-SYSTEM MILLING<br>S-SYSTEM FÜR FRÄSER | WD0805D BASKI PABUCU / CLAMP / PRATZE |
| | **ACK-21** | C-SİSTEM için / *For C-SYSTEM* / *FÜR C-SYSTEM* | SN.. 1204.. BASKI PABUCU / CLAMP / PRATZE |
| | **ACK-23** | C-SİSTEM için / *For C-SYSTEM* / *FÜR C-SYSTEM* | *SERAMİK DNGN 11, YEDEK TAKIMI SPARE PART SET of CERAMIC DNGN 11*<br>*ERSATZTEILSATZ FÜR KERAMIK DNGN 11* |
| | **ACK-24** | S-SİSTEM FREZELEME için / For S-SYSTEM MILLING<br>S-SYSTEM FÜR FRÄSER | XD0806D BASKI PABUCU / CLAMP / PRATZE |
| | **ACK-26** | C-SİSTEM için / *For C-SYSTEM* / *FÜR C-SYSTEM* | XNMU 0806.. BASKI PABUCU / CLAMP / PRATZE |
| | **ACK-27** | C-SİSTEM için / *For C-SYSTEM* / *FÜR C-SYSTEM* | RCGX 06 BASKI PABUCU / CLAMP / PRATZE |
| | **ACK-28** | C-SİSTEM için / *For C-SYSTEM* / *FÜR C-SYSTEM* | RCGX 09 BASKI PABUCU / CLAMP / PRATZE |
| | **ACK-29** | C-SİSTEM için / *For C-SYSTEM* / *FÜR C-SYSTEM* | RCGX 12 BASKI PABUCU / CLAMP / PRATZE |
|  | **ACK-42** | C-SİSTEM için / *For C-SYSTEM* / *FÜR C-SYSTEM* | RCGX 06 BASKI PABUCU / CLAMP / PRATZE |
| | **ACK-43** | C-SİSTEM için / *For C-SYSTEM* / *FÜR C-SYSTEM* | RCGX 09 BASKI PABUCU / CLAMP / PRATZE |
|  | **ACK-44** | C-SİSTEM için / *For C-SYSTEM* / *FÜR C-SYSTEM* | RCGX 12 BASKI PABUCU / CLAMP / PRATZE |



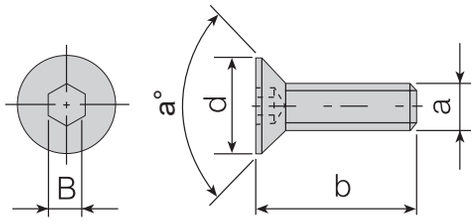



## BASKI PABUÇ VİDALARI / *CLAMP SCREWS* / *SCHRAUBEN FÜR PRATZEN*

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | a (M) | b | c | d | B(T) | Ürün Detayı / *Product Detail* / *Produkt-Details* | |
|---|---|---|---|---|---|---|---|
| **AKV-01-M5x22** | M5x0.8 | 25 | 22 | 11 | 3 | T-SİSTEM için / For T- SYSTEM / *FÜR T-SYSTEM* | DNMG 11, WNMG 06, TNMG 16 |
| **AKV-02-M6x22** | M6x1.0 | 25 | 22 | 11 | 3 | T-SİSTEM için / For T- SYSTEM / *FÜR T-SYSTEM* | CNMG 12, WNMG 08, TNMG 22, DNMG 15, SNMG 12, VNMG 16 |
| | | | | | | M-SİSTEM için / For M- SYSTEM / *FÜR M-SYSTEM* | TNMG 16, TNMG 22 |
| | | | | | | KANAL KATERİ için / For EXTERNAL GROOVING *FÜR STECHWERKZEUGE* | 2mm Dış Çap Kanal Kater Vidası / External Grooving Tools Screw 2 mm Schraube für Außen-Stechwerkzeuge |
| **AKV-03-M6x22** | M6x1.0 | 24.5 | 22 | 10 | 3 | M-SİSTEM için / For M- SYSTEM / *FÜR M-SYSTEMM* | WNMG 08 |
| **AKV-04-M5x17** | M6x1.0 | 20 | 17 | 8.35 | 3 | M-SİSTEM için / For M- SYSTEM / *FÜR M-SYSTEMM* | S20R MT-NR/L 16, S20R-S25S MWLNR/L 06, S25S MDUNR/L 11-Dış Çap / External / AUßEN MWLNR 06 |
| **AKV-05-M6x10** | ..... | .... | ... | ... | . | T-SİSTEM için / For T- SYSTEM / *FÜR T-SYSTEM* | Eski Ürün Vidası / Old Products Screws / Schraube für altes Produkt CNMG 16, SNMG 15 |
| **AKV-06-M6x20** | M6x1.0 | 26.5 | 20 | 10.6 | 4 | C-SİSTEM için / For C- SYSTEM / *FÜR C-SYSTEM* | KNUX 16 |
| **AKV-07-M6x22** | M6x1.0 | 24 | 22 | 8.5 | 3 | C-SİSTEM için / For C- SYSTEM / *FÜR C-SYSTEM* | ADKT-154.91, AIKT-154.91-R/L-32 |
| **AKV-10-M6x14** | M6x1.0 | 18 | 17 | 8.5 | 4 | C-SİSTEM için / For C- SYSTEM / *FÜR C-SYSTEM* | AIKT-154.91-R/L-16, AIKT-154.91-R/L-20, AIKT-154.91-R/L-25 |
| **AKV-11-M8x29** | M8x1.25 | 34 | 29 | 11 | 4 | C-SİSTEM için / For C- SYSTEM / *FÜR C-SYSTEM* | TNGN 16, CNGN 12, DNGN 15, SNGN 12 |
| **AKV-17-M5x15** | M5x0.8 | 18 | 15 | 8.5 | 3 | M-SİSTEM için / For M- SYSTEM / *FÜR M-SYSTEMM* | S16P MWLNR/L 06 |
| **AKV-19-M7x25** | M7x1.0 | 29 | 25 | 13 | 4 | T-SİSTEM için / For T- SYSTEM / *FÜR T-SYSTEM* | Yeni / New / Neu CNMG 16, SNMG 15 |
| **AKV-20-M6x19** | M6x1.0 | 21.5 | 19 | 11 | 3 | M-SİSTEM için / For M- SYSTEM / *FÜR M-SYSTEMM* | S25S MDUNR/L 15 |
| **AKV-21-M6x18** | M6x1.0 | 18 | 16 | 8.5 | 3 | C-SİSTEM için / For C- SYSTEM / *FÜR C-SYSTEM* | AIKT-154.91-R/L-25 |
| **AKV-23-M4x10** | M4x0.7 | 12 | 10 | 7.4 | 15 | KARTUŞ için / For CARTRIDGE/ *ДЛЯ КАРТРИДЖЕЙ* | *Montaj Vidası / Mounting Screw / Befestigungsschraube* |
| **AKV-27-M6x20** | M6x1.0 | 22.5 | 20 | 10 | 3 | M-SİSTEM için / For M- SYSTEM / *FÜR M-SYSTEMM* | S25S MWLNR/L 08 |
| **AKV-30-M6x22** | M6x1.0 | 25 | 22 | 11 | 3 | T-SİSTEM için / For T- SYSTEM / *FÜR T-SYSTEM* | Baskı Pabucu / Wedge Clamp / *Spannpratze* |
| **AKV-33-M6x22** | M6x1.0 | 25 | 22.5 | 9.5 | 3 | T-SİSTEM için / For T- SYSTEM / *FÜR T-SYSTEM* | T-SİSTEM için / For T- SYSTEM / *FÜR T-SYSTEM* |
| **AKV-39-M7x21** | M7x1.0 | 25.5 | 21 | 11.5 | 4 | T-SİSTEM için / For T- SYSTEM / *FÜR T-SYSTEM* | T-SİSTEM için / For T- SYSTEM / *FÜR T-SYSTEM* |

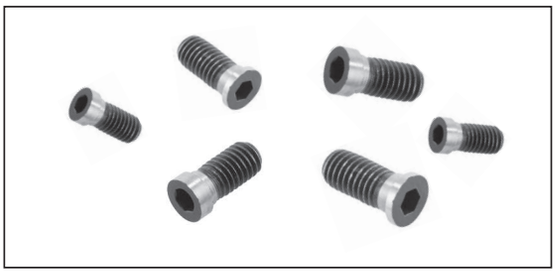
## SOĞUTMA NOZULU / COOLANT NOZZLE / *KÜHLMITTELDÜSE*

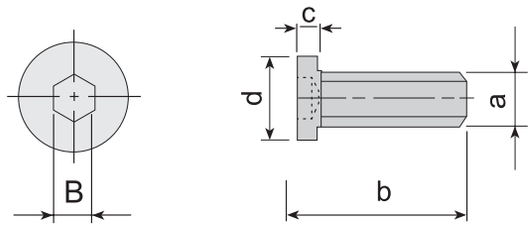
| Ürün Resmi *Product Picture* *Produkt-Bild* | Ürün Kodu *Product Code* / *Code* | Ürün Detayı / *Product Detail* / *Produkt-Details* | |
|---|---|---|---|
| | **AN-01** | SOĞUTMA NOZULU / Coolant Nozzle /*KÜHLMITTELDÜSE* | SOĞUTMA NOZULU / Coolant Nozzle / *KÜHLMITTELDÜSE* |




## ALTLIK VİDALARI / *SHIM SCREWS* / *SCHRAUBE FÜR UNTERLAGE*

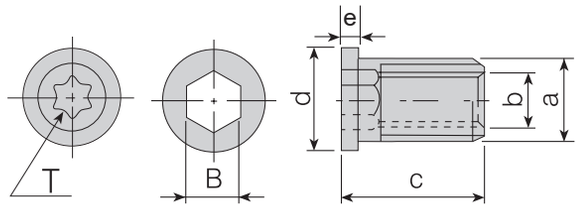
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | a (M) | b | d | B | a° | Ürün Detayı / *Product Detail* / *Produkt-Details* | |
|---|---|---|---|---|---|---|---|
| **AAV-01-M3x10** | M3x0.5 | 10 | 5.9 | 2 | 90° | T-SİSTEM için / For T-SYSTEM / *FÜR T-SYSTEM* | WNMG 06, KNUX 16 |
| **AAV-02-M5x12** | M5x0.8 | 12 | 7 | 3 | 56° | T-SİSTEM için / For T-SYSTEM / *FÜR T-SYSTEM* | CNMG 12, WNMG 08, TNMG 22, DNMG 15, SNMG 12 |
| **AAV-05-M6x15** | M6x1.0 | 15 | 9 | 4 | 60° | T-SİSTEM için / For T-SYSTEM / *FÜR T-SYSTEM* | CNMG 16, SNMG 15 |
| **AKV-12-M5x12** | M5x0.8 | 12 | 7.8 | 3 | 90° | C-SİSTEM için / For C-SYSTEM / *FÜR C-SYSTEM* | CTSPR Baskı Pabuç Vidası / Clamp Screw / Зажимной винт |
| **AKV-16-M6x16** | M6x1.0 | 16 | 10 | 4 | 76° | C-SİSTEM için / For C-SYSTEM / *FÜR C-SYSTEM* | CTFPR 13CS 16 Baskı Pabuç Vidası / Clamp Screw / Зажимной винт |
| **AAV-13-M5x8** | M5x0.8 | 8 | 7 | 3 | 56° | T-SİSTEM için / For T-SYSTEM / *FÜR T-SYSTEM* | S25S TSKNR/L 12, S25S TCLNR/L 12, S25S TWLNR/L 08, S25S TDUNR/L 15 |
| **AAV-14-M5x14** | M5x0.8 | 14 | 8.8 | 3 | 45° | ADCR için / For ADCR / *FÜR ADCR* | ADCR Montaj Vidası / Mounting Screw / ADCR BEFESTIGUNGSSCHRAUBE |





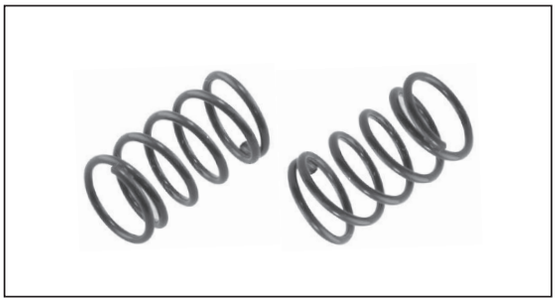

## ALTLIK VİDALARI / *SHIM SCREWS* / *SCHRAUBE FÜR UNTERLAGE*

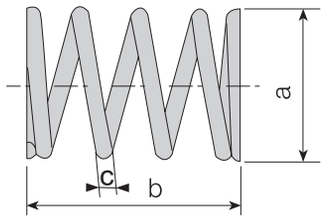
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | a (M) | b | c | d | B | Ürün Detayı / *Product Detail* / *Produkt-Details* | |
|---|---|---|---|---|---|---|---|
| **AAV-03-M5x12** | M5x0.8 | 12 | 1.4 | 6 | 3 | T-SİSTEM için / For T-SYSTEM / *FÜR T-SYSTEM* | TNMG 16 |
| | | | | | | C-SİSTEM için / For C-SYSTEM / *FÜR C-SYSTEM* | TNGN 16 |
| **AAV-04-M5x12** | M5x0.8 | 12 | 1.2 | 6.5 | 3 | T-SİSTEM için / For T-SYSTEM / *FÜR T-SYSTEM* | VNMG 16, DNMG 11, CNMG 09 |
| **AAV-09-M5x9** | M5x0.8 | 9 | 1.4 | 6 | 3 | T-SİSTEM için / For T-SYSTEM / *FÜR T-SYSTEM* | S25S TCLNR/L 09, S25S TDUNR/L 11, S25S TDQNR/L 11 |




## BUKSE VİDALAR / *BUKSE SCREWS* / *SCHRAUBE FÜR UNTERLAGE*

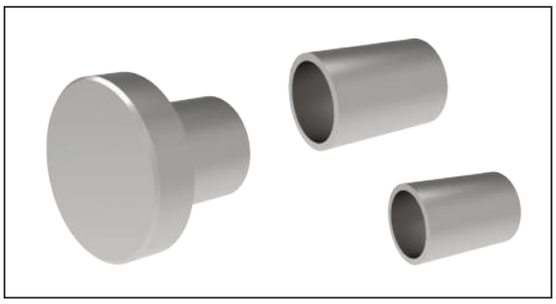
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | a (M) | b | c | d | B(T) | e | Ürün Detayı / *Product Detail* / *Produkt-Details* | |
|---|---|---|---|---|---|---|---|---|
| **AAV-06-M3.5x11** | M5x0.5 | M3.5x0.6 | 11.3 | 6 | 3.5 | 1.2 | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | CCMT 09, DCMT 11, VBMT 16, VCMT 16, TCMT 16, SCMT 09, 16 ER/L, 16 IR/L |
| **AAV-07-M4.5x13** | M6x0.75 | M4.5X0.75 | 13 | 7.5 | 4.5 | 1.6 | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | CCMT 12, SCMT 12, 22 ER/L, 22 IR/L |
| **AAV-08-M3.5x8** | M5x0.5 | M3.5x0.6 | 8 | 6 | 3.5 | 1.2 | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | Ø25 DCMT 11, Ø25-Ø32 CCMT 09, Ø25 TCMT 16, S25S-S32T SVJBR/L 16, |
| **AAV-10-M4.5x8** | M6x0.75 | M4.5X0.75 | 8 | 7.5 | 4.5 | 1.05 | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | Ø25-Ø32 CCMT 12, Ø25-Ø32 SCMT 12, SSDCN 1616 H12, SSSCR/L 1616 H12, SIR/L S25R 22 |
| **AAV-16-M3.5x8** | M5x0.5 | M3.5x0.6 | 8 | 6 | 3.5 | 1.1 | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | SEMT 13 |

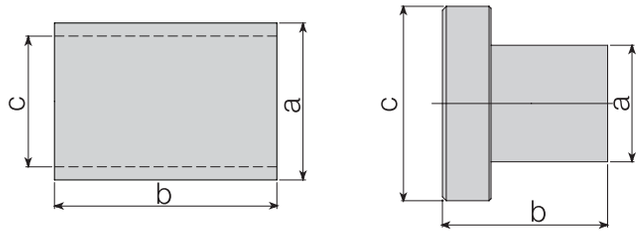





## BASKI YAYI / *CLAMP SPRING* / *FEDER FÜR KLEMME*

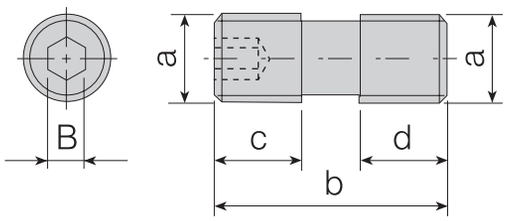
| Takım Kodu *Ordering Code* Bestell-Bezeichnung | a | b | c | Ürün Detayı / *Product Detail* / *Produkt-Details* | |
|---|---|---|---|---|---|
| **AKY-01** | 7.7 | 11.2 | 0.9 | T-SİSTEM için / For T-SYSTEM / *FÜR T-SYSTEM* | CNMG 12, WNMG 08, TNMG 22, DNMG 15, SNMG 12, VNMG 16 |
| **AKY-02** | 8.5 | 13.5 | 0.7 | C-SİSTEM için / For C-SYSTEM / *FÜR C-SYSTEM* | KNUX 16 |
| **AKY-03** | 6.5 | 9.8 | 0.6 | T-SİSTEM için / For T-SYSTEM / *FÜR T-SYSTEM* | WNMG06 |





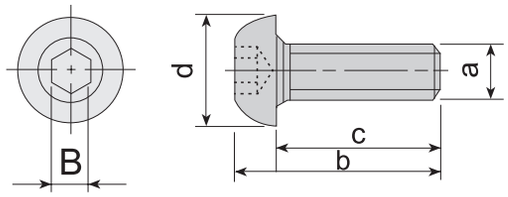

## BAĞLANTI PARÇASI / *CONNECTION PART/ VERBINDUNGSSTÜCK*

| Takım Kodu *Ordering Code* Bestell-Bezeichnung | a | b | c | Ürün Detayı / *Product Detail* / *Produkt-Details* |
|---|---|---|---|---|
| **ACP-01** | 6 | 8.5 | 10 | TIRLAMAZ TAKIM KARTUŞLARI İÇİN / FOR ANTI VIBRATION TOOLS CARTRIDGES / *KARTUSCHE FÜR SCHWINGUNGSHEMMENDE BOHRSTANGEN* |
| **ACP-02** | 6 | 8.5 | 5 | TIRLAMAZ TAKIM KARTUŞLARI İÇİN / FOR ANTI VIBRATION TOOLS CARTRIDGES / *KARTUSCHE FÜR SCHWINGUNGSHEMMENDE BOHRSTANGEN* |
| **ACP-03** | 4 | 5 | 3 | TIRLAMAZ TAKIM KARTUŞLARI İÇİN / FOR ANTI VIBRATION TOOLS CARTRIDGES / *KARTUSCHE FÜR SCHWINGUNGSHEMMENDE BOHRSTANGEN* |




## BASKI PABUÇ VİDALARI / *CLAMP SCREWS* / *SCHRAUBEN FÜR PRATZEN*

| Takım Kodu *Ordering Code* Bestell-Bezeichnung | a (M) | b | c | d | B | Ürün Detayı / *Product Detail* / *Produkt-Details* | |
|---|---|---|---|---|---|---|---|
| **AKV-13-M8x1x16** | M8x1.0 | 16 | 6.8 | 6.8 | 4 | C-SİSTEM FREZELEME için / MILLING For C- SYSTEM / *FÜR C-SYSTEM* | SPKN 12, Ø63 TPKN 16 |
| **AKV-14-M8x1x18** | M8x1.0 | 18 | 8 | 8 | 4 | C-SİSTEM FREZELEME için / MILLING For C- SYSTEM / *FÜR C-SYSTEM* | Ø80-Ø100 TPKN 16, Ø63-Ø315 TPKN 22 |
| **AKV-15-M8x1x20** | M8x1.0 | 20 | 8.5 | 8.5 | 4 | C-SİSTEM FREZELEME için / MILLING For C- SYSTEM / *FÜR C-SYSTEM* | OFKR 07, HNMX 09 |
| **AKV-18-M5x14** | M5x0.8 | 15 | 5 | 6.8 | 2.5 | C-SİSTEM FREZELEME için / MILLING For C- SYSTEM / *FÜR C-SYSTEM* | SN19 |
| **AKV-22-M8x1x14** | M8x1.0 | 14 | 6.8 | 4.8 | 4 | C-SİSTEM FREZELEME için / MILLING For C- SYSTEM / *FÜR C-SYSTEM* | Ø50 TPKN 16 |
| **AKV-24-M6x1x18** | M6x1.0 | 18 | 7.5 | 7.5 | 3 | C-SİSTEM FREZELEME için / MILLING For C- SYSTEM / *FÜR C-SYSTEM* | SN.. 1204 |
| **AKV-26-M6x0.75x20** | M6x0.75 | 20 | 8.5 | 8.5 | 3 | C-SİSTEM FREZELEME için / MILLING For C- SYSTEM / *FÜR C-SYSTEM* | AFM45C-XN0806 |
| **AKV-28-M10x1.5x43** | M10x1.5 | 43 | 18 | 18 | 5 | WNMU 0907.. Ø50 MONTAJ VİDASI / MOUNTING SCREW / *BEFESTIGUNGSSCHRAUBE* | WNMU 0907.. Ø50 |

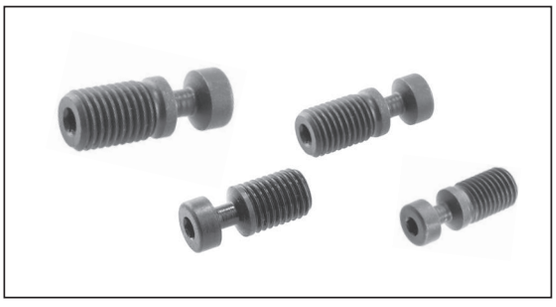


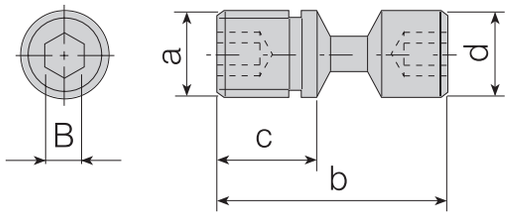

## KANAL KATER ve MANTAR VİDALAR / *GROOVING TOOL and CLAMP SCREWS* / *KLEMMSCHRAUBEN*

| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | a (M) | b | c | d | B | Ürün Detayı / *Product Detail* / *Produkt-Details* | |
|---|---|---|---|---|---|---|---|
| **1904-M8x1x20** | M8x1.0 | 25.9 | 20 | 11.3 | 4 | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | RCMT 32 Sıkma Vidası / Clamp Screw / *Klemmschraube* |
| **2004-M8x1x20** | M8x1.0 | 25.9 | 20 | 11.4 | 4 | KANAL KATERİ için / For EXTERNAL GROOVING / *FÜR TMMG-16 TMMG-22 BOHRSTANGE* | Kanal Kater Vidası / External Grooving Tools Screw / *SCHRAUBEN FÜR STECHHALTER* |
| **2004-M8x20** | M8x1.25 | 30 | 25 | 25 | 4 | KANAL KATERİ için / For EXTERNAL GROOVING / *FÜR TMMG-16 TMMG-22 BOHRSTANGE* | Eski Kanal Kater Vidası / Old External Grooving Tools Screw Alte / *Schraube für Stechhalter* |
| **AKV-08-M6x12** | M6x1.0 | 17 | 12 | 14.3 | 4 | C-SİSTEM FREZELEME için / MILLING For C- SYSTEM / *C SYSTEM FÜR FRÄSER* | Baskı ve Sıkma Vidası, Mantar Vida / Clamp Screw / *Klemmschraube* |
| **AKV-09-M8x18** | M8x1.0 | 24 | 18 | 17.2 | 5 | C-SİSTEM FREZELEME için / MILLING For C- SYSTEM / *C SYSTEM FÜR FRÄSER* | Baskı ve Sıkma Vidası, Mantar Vida / Clamp Screw / *Klemmschraube* |

## LEVYELER / *LEVERS* / *KNIEHEBEL*

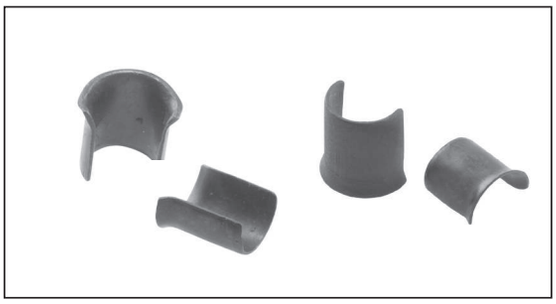
| Ürün Resmi / *Product Picture* / *Produkt-Bild* | Ürün Kodu / *Product Code* / *Code* | Ürün Detayı / *Product Detail* / *Produkt-Details* | |
|---|---|---|---|
| | **APL-01** | P-SİSTEM için / For P-SYSTEM / *FÜR P-SYSTEM* | CNMG 09, DNMG 11, SNMG 09, TNMG 16, WNMG 06 LEVYESİ / LEVER / *KNIEHEBE* |
| | **APL-02** | P-SİSTEM için / For P-SYSTEM / *FÜR P-SYSTEM* | CNMG 12, SNMG 12, TNMG 22, WNMG 08 LEVYESİ / LEVER / *KNIEHEBE* |
| | **APL-03** | P-SİSTEM için / For P-SYSTEM / *FÜR P-SYSTEM* | DNMG 15 LEVYESİ / LEVER / *KNIEHEBE* |
| | **APL-04** | P-SİSTEM için / For P-SYSTEM / *FÜR P-SYSTEM* | CNMG 16, SNMG 15 LEVYESİ / LEVER / *KNIEHEBEL* |
| | **APL-05** | P-SİSTEM için / For P-SYSTEM / *FÜR P-SYSTEM* | CNMG 19, SNMG 19 LEVYESİ / LEVER / *KNIEHEBEL* |
| | **APL-06** | P-SİSTEM için / For P-SYSTEM / *FÜR P-SYSTEM* | CNMG 25, SNMG 25 LEVYESİ / LEVER / *KNIEHEBEL* |
| | **APL-07** | P-SİSTEM için / For P-SYSTEM / *FÜR P-SYSTEM* | S16P PCLNR/L 09 LEVYESİ / LEVER / *KNIEHEBEL* |
| | **APL-08** | P-SİSTEM için / For P-SYSTEM / *FÜR P-SYSTEM* | S16P PTUNR/L 16 LEVYESİ / LEVER / *KNIEHEBEL* |
| | **APL-11** | P-SİSTEM için / For P-SYSTEM / *FÜR P-SYSTEM* | TNMG 11 LEYVESİ / LEVER / *KNIEHEBEL* |

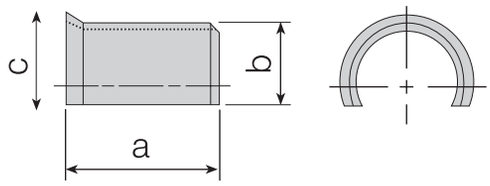





## LEVYE VİDALARI / *LEVER SCREWS* / *SCHRAUBEN FÜR KNIEHEBEL*

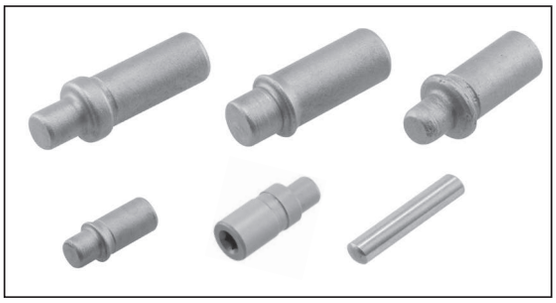
| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | a (M) | b | c | d | B | Ürün Detayı / *Product Detail* / *Produkt-Details* | |
|---|---|---|---|---|---|---|---|
| **ALV-01-M6x14** | M6x1.0 | 14 | 10 | 5.85 | 2.5 | P-SİSTEM için / For P-SYSTEM / *FÜR P-SYSTEM* | S20R PCLNR/L 09, S20R PDUNR/L 11, S20R PDQNR/L 11,S20R PWLNR/L 06, S20R PTUNR/L 16 |
| **ALV-02-M6x17** | M6x1.0 | 17 | 10 | 5.85 | 2.5 | P-SİSTEM için / For P-SYSTEM / *FÜR P-SYSTEM* | CNMG 09, DNMG 11,SNMG 09, TNMG 16, WNMG 06 |
| **ALV-03-M8x19** | M8x1.0 | 19.8 | 11 | 7.9 | 3 | P-SİSTEM için / For P-SYSTEM / *FÜR P-SYSTEM* | CNMG 12, SNMG 12, TNMG 22, WNMG 08, DNMG 15 |
| **ALV-04-M8x22** | M8x1.0 | 21.5 | 13 | 7.75 | 3 | P-SİSTEM için / For P-SYSTEM / *FÜR P-SYSTEM* | CNMG 16, SNMG 15 |
| **ALV-05-M10x27** | M10x1.0 | 27.5 | 15 | 9.9 | 4 | P-SİSTEM için / For P-SYSTEM / *FÜR P-SYSTEM* | CNMG 19, SNMG 19 |
| **ALV-06-M12x36** | M12x1.0 | 36 | 20 | 12 | 5 | P-SİSTEM için / For P-SYSTEM / *FÜR P-SYSTEM* | CNMG 25, SNMG 25 |
| **ALV-07-M6x13** | M6x1.0 | 12.6 | 6.5 | 5.9 | 2.5 | P-SİSTEM için / For P-SYSTEM / *FÜR P-SYSTEM* | S16P PCLNR/L 09, S16P PTUNR/L 16 |
| **ALV-08-M8x16** | M8x1.0 | 16 | 10 | 7.9 | 3 | P-SİSTEM için / For P-SYSTEM / *FÜR P-SYSTEM* | S25S PCLNR/L 12, S25S PDUNR/L 15, S25S PSKNR/L 12 |
| **ALV-10-M5x10** | M5x0.8 | 10 | 4.6 | 4.9 | 2.5 | P-SİSTEM için / For P-SYSTEM / *FÜR P-SYSTEM* | TNMG 11 |

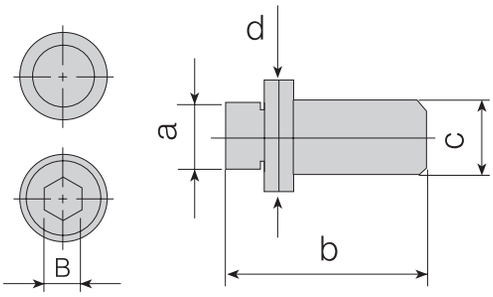





## ALTLIK YAYLARI / *SHIM SPRINGS* / *BEFESTIGUNGSFEDER*

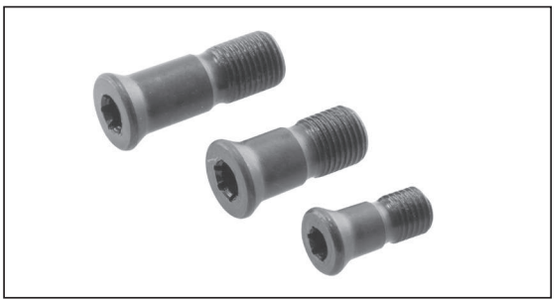
| Takım Kodu *Ordering Code* Bestell-Bezeichnung | a | b | c | Ürün Detayı / *Product Detail* / *Produkt-Details* | |
|---|---|---|---|---|---|
| **AAY-01** | 5.6 | 4.9 | 6 | P-SİSTEM için / For P-SYSTEM / *FÜR P-SYSTEM* | CNMG 09 ,DNMG 11, SNMG 09, TNMG 16, WNMG 06 |
| **AAY-02** | 6 | 6.9 | 7.9 | P-SİSTEM için / For P-SYSTEM / *FÜR P-SYSTEM* | CNMG 12, SNMG 12, TNMG 22, WNMG 08, DNMG 15 |
| **AAY-03** | 8.9 | 8 | 9.5 | P-SİSTEM için / For P-SYSTEM / *FÜR P-SYSTEM* | CNMG 16, SNMG 15 |
| **AAY-04** | 11 | 9.8 | 10.7 | P-SİSTEM için / For P-SYSTEM / *FÜR P-SYSTEM* | CNMG 19, SNMG 19 |
| **AAY-05** | 12 | 13 | 15 | P-SİSTEM için / For P-SYSTEM / *FÜR P-SYSTEM* | CNMG 25, SNMG 25 |
| **AAY-07** | 5.6 | 4.9 | 6 | P-SİSTEM için / For P-SYSTEM / *FÜR P-SYSTEM* | CNMG 09, TNMG 16 |

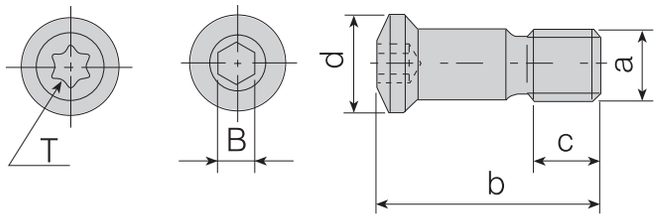





## PİMLER / *PINS* / *STIFT*

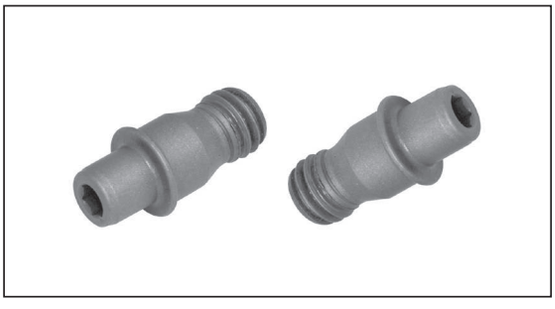
| Takım Kodu *Ordering Code* Bestell-Bezeichnung | a | b | c | d | B | Ürün Detayı / *Product Detail* / *Produkt-Details* | |
|---|---|---|---|---|---|---|---|
| **APM-01** | 3.55 | 18 | 5 | 6 | - | M-SİSTEM için / For M-SYSTEM / *FÜR M-SYSTEMM* | Delik İçi / Internal / Intern Ø32-Ø40 TNMG 16<br>Dış Çap / External / Externe TNMG 16 |
| **APM-02** | 5 | 18 | 6 | 7.3 | - | M-SİSTEM için / For M-SYSTEM / *FÜR M-SYSTEMM* | TNMG 22, WNMG 08 |
| **APM-03** | 3.5 | 12 | 5 | 6.5 | - | M-SİSTEM için / For M-SYSTEM / *FÜR M-SYSTEMM* | S20R MTFNR/L 16, S20R MT-NR/L 16, S20R MTUNR/L 16, S20R MTQNR/L 16 ,S20R MDUNR/L 11 |
| **APM-04** | 5 | 15 | 6 | 7.3 | - | M-SİSTEM için / For M-SYSTEM / *FÜR M-SYSTEMM* | S32T MCLNR/L 12, DNMG 15, S25S MWLNR/L 08 |
| **APM-05** | 4.50 | 11.5 | 6.5 | 6.5 | 3 | M-SİSTEM için / For M-SYSTEM / *FÜR M-SYSTEMM* | MSYNR 11.5CS 12 Kartuş için / for Cartridge / *FÜR KASSETTE* |
| **APM-06** | 3 | 15.7 | - | - | - | C-SİSTEM için / For C-SYSTEM / *FÜR C-SYSTEM* | 154.91 |
| **APM-07** | 3.5 | 11.5 | 6.5 | 6.5 | 3 | M-SİSTEM için / For M-SYSTEM / *FÜR M-SYSTEMM* | S20R ET-NR 16 |
| **APM-08** | 3.5 | 12 | 5 | 5.4 | - | M-SİSTEM için / For M-SYSTEM / *FÜR M-SYSTEMM* | S25S MWLNR/L 06, Dış Çap / External / *Externe* |
| **APM-09** | 3.5 | 10 | 5 | 5.4 | - | M-SİSTEM için / For M-SYSTEM / *FÜR M-SYSTEMM* | S16P MWLNR/L 06 |
| **APM-10** | 3.5 | 11 | 5 | 5.4 | - | M-SİSTEM için / For M-SYSTEM / *FÜR M-SYSTEMM* | S20R MWLNR/L 06 |
| **APM-11** | 3.5 | 11 | 5 | 6.5 | - | M-SİSTEM için / For M-SYSTEM / *FÜR M-SYSTEMM* | S20R MTQNR/L 16 |
| **APM-12** | 5 | 12 | 6 | 7.3 | - | M-SİSTEM için / For M-SYSTEM / *FÜR M-SYSTEMM* | S20R MCLNR/L 12, S25S MCLNR/L 12-Z |
| **APM-13** | 5 | 14 | 6 | 7.3 | - | M-SİSTEM için / For M-SYSTEM / *FÜR M-SYSTEMM* | S25S MCLNR/L 12 |
| **APM-14** | 3.55 | 15 | 5 | 6 | - | M-SİSTEM için / For M-SYSTEM / *FÜR M-SYSTEMM* | S25S MTFNR/L 16, S25S MT-NR/L 16, S25S MTUNR/L 16,S25S MTQNR/L 16 |
| **APM-15** | 4.40 | 16 | 6.40 | 6.40 | 3 | M-SİSTEM için / For M-SYSTEM / *FÜR M-SYSTEMM* | MSYNR 16CS 12 Kartuş için / for Cartridge / *FÜR KASSETTE* |

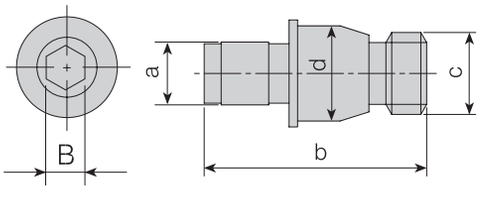





## KÜRESEL FİNİŞ VİDALARI / *BALL NOSE SCREWS* / *SCHRAUBEN FÜR KUGELKOPFFRÄSER*

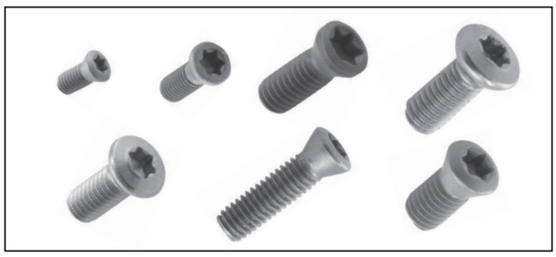
| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | a (M) | b | c | d | B(T) | Ürün Detayı / *Product Detail* / *Produkt-Details* | |
|---|---|---|---|---|---|---|---|
| **1208-M3x7** | M3x0.5 | 6.9 | 2.7 | 4.1 | 8 | KÜRESEL FREZE VİDASI / BALL NOSE SCREW / *SCHRAUBE FÜR KUGELFRÄSER* | P3208 |
| **1215-M4x0.5x9** | M4x0.5 | 8.6 | 3.2 | 5.75 | 15 | KÜRESEL FREZE VİDASI / BALL NOSE SCREW / *SCHRAUBE FÜR KUGELFRÄSER* | P3210-ROHX 12 |
| **1220-M5x0.5x9** | M5x0.5 | 9.6 | 3.4 | 6.8 | 20 | KÜRESEL FREZE VİDASI / BALL NOSE SCREW / *SCHRAUBE FÜR KUGELFRÄSER* | P3212 |
| **1220-M5x0.5x12** | M5x0.5 | 12.9 | 4.4 | 7.4 | 20 | KÜRESEL FREZE VİDASI / BALL NOSE SCREW / *SCHRAUBE FÜR KUGELFRÄSER* | P3216-ROHX 16 |
| **1220-M5x0.5x15** | M5x0.5 | 16.4 | 6 | 7.8 | 20 | KÜRESEL FREZE VİDASI / BALL NOSE SCREW / *SCHRAUBE FÜR KUGELFRÄSER* | P3220-ROHX 20 |
| **1220-M6x0.75x20** | M6x0.75 | 20 | 6 | 9.4 | 20 | KÜRESEL FREZE VİDASI / BALL NOSE SCREW / *SCHRAUBE FÜR KUGELFRÄSER* | P3225 |
| **1204-M8x0.75x26** | M8x0.75 | 26 | 7.5 | 12 | 4 | KÜRESEL FREZE VİDASI / BALL NOSE SCREW / *SCHRAUBE FÜR KUGELFRÄSER* | P3232 |
| **1210-M3.5x9.6** | M3.5x0.6 | 9.6 | 4 | 4.7 | 10 | KÜRESEL FREZE VİDASI / BALL NOSE SCREW / *SCHRAUBE FÜR KUGELFRÄSER* | BNM 12 |
| **1215-M4x13.5** | M4x0.7 | 13.5 | 5 | 5.8 | 15 | KÜRESEL FREZE VİDASI / BALL NOSE SCREW / *SCHRAUBE FÜR KUGELFRÄSER* | BNM 16 |

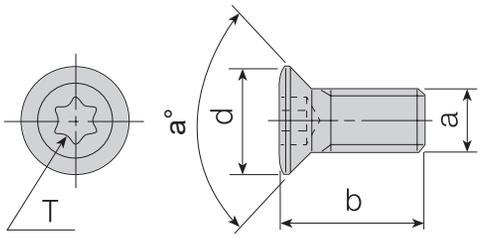





## EKSANTRİK VİDA / *ECCENTRIC SCREW* / *EXZENTERSCHRAUBEN*

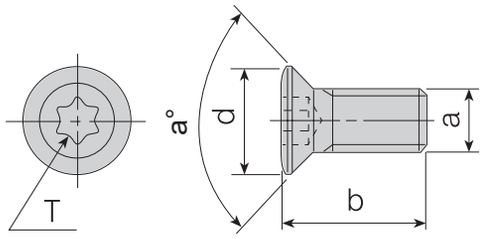
| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | a | b | c | d | B | Ürün Detayı / *Product Detail* / *Produkt-Details* | |
|---|---|---|---|---|---|---|---|
| **AEV-01-M6x16** | 4.85 | 16 | M6x1.0 | 6.5 | 2.5 | Eksantrik Vida / Eccentric Screw / *EXZENTERSCHRAUBEN* | PSDNN Kartuş için / for Cartridge / *FÜR KASSETTE* |





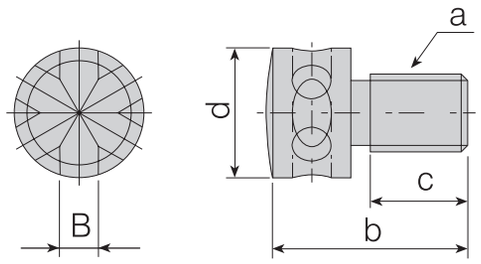

## TORK VİDALARI / *TORX SCREWS* / *TORX-SCHRAUBEN*

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | a (M) | b | T | d | a° | Ürün Detayı / *Product Detail* / *Produkt-Details* | |
|---|---|---|---|---|---|---|---|
| **4006-M1.6x3.2** | M1.6x0.35 | 3.2 | 6 | 2.5 | 60 | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | TORK VİDA / *TORX SCREW* / *TORX-SCHRAUBEN* |
| **3006-M1.8x4** | M1.8x0.35 | 4 | 6 | 2.45 | 60 | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | TORK VİDA / *TORX SCREW* / *TORX-SCHRAUBEN* |
| **3006-M2x3.1** | M2x0.4 | 3.1 | 6 | 2.7 | 60 | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | TORK VİDA / *TORX SCREW* / *TORX-SCHRAUBEN* |
| **3006-M2x3.3** | M2x0.4 | 3.3 | 6 | 2.7 | 60 | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | TORK VİDA / *TORX SCREW* / *TORX-SCHRAUBEN* |
| **3006-M2x3.6** | M2x0.4 | 3.6 | 6 | 2.7 | 60 | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | TORK VİDA / *TORX SCREW* / *TORX-SCHRAUBEN* |
| **3006-M2x4** | M2x0.4 | 4.3 | 6 | 2.7 | 60 | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | TORK VİDA / *TORX SCREW* / *TORX-SCHRAUBEN* |
| **4006-M2x5** | M2x0.4 | 5 | 6 | 3 | 55 | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | TORK VİDA / *TORX SCREW* / *TORX-SCHRAUBEN* |
| **3007-M2.2x4.6** | M2.2x0.45 | 4.6 | 7 | 3.15 | 60 | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | TORK VİDA / *TORX SCREW* / *TORX-SCHRAUBEN* |
| **4006-M2.2x5** | M2.2x0.45 | 5 | 6 | 2.8 | 55 | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | TORK VİDA / *TORX SCREW* / *TORX-SCHRAUBEN* |
| **1008-M2.5x5** | M2.5x0.45 | 5.5 | 8 | 3.5 | 45 | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | TORK VİDA / *TORX SCREW* / *TORX-SCHRAUBEN* |
| **1008-M2.5x7** | M2.5x0.45 | 7 | 8 | 3.6 | 45 | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | TORK VİDA / *TORX SCREW* / *TORX-SCHRAUBEN* |
| **1108-M2.5x6** | M2.5x0.45 | 6 | 8 | 3.9 | R | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | TORK VİDA / *TORX SCREW* / *TORX-SCHRAUBEN* |
| **3008-M2.5x5** | M2.5x0.45 | 5 | 8 | 3.5 | 60 | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | TORK VİDA / *TORX SCREW* / *TORX-SCHRAUBEN* |
| **3008-M2.5x6** | M2.5x0.45 | 6 | 8 | 3.5 | 60 | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | TORK VİDA / *TORX SCREW* / *TORX-SCHRAUBEN* |
| **3008-M2.5x8** | M2.5x0.45 | 8 | 8 | 3.5 | 50 | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | TORK VİDA / *TORX SCREW* / *TORX-SCHRAUBEN* |
| **4008-M2.5x4** | M2.5x0.45 | 4 | 8 | 3.5 | 45 | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | TORK VİDA / *TORX SCREW* / *TORX-SCHRAUBEN* |
| **4008-M2.5x4.5** | M2.5x0.45 | 4.5 | 8 | 3.5 | 45 | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | TORK VİDA / *TORX SCREW* / *TORX-SCHRAUBEN* |
| **4008-M2.5x6** | M2.5x0.45 | 5.8 | 8 | 3.5 | 45 | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | TORK VİDA / *TORX SCREW* / *TORX-SCHRAUBEN* |
| **4008-M2.5x6.5** | M2.5x0.45 | 6.5 | 8 | 4 | 60 | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | TORK VİDA / *TORX SCREW* / *TORX-SCHRAUBEN* |
| **4108-M2.5x6.5** | M2.5x0.45 | 6.5 | 8 | 3.5 | 50 | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | TORK VİDA / *TORX SCREW* / *TORX-SCHRAUBEN* |
| **4108-M2.5x8** | M2.5x0.45 | 8 | 8 | 3.5 | 50 | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | TORK VİDA / *TORX SCREW* / *TORX-SCHRAUBEN* |
| **1008-M3x6** | M3x0.5 | 6 | 8 | 4 | 60 | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | TORK VİDA / *TORX SCREW* / *TORX-SCHRAUBEN* |
| **1008-M3x8** | M3x0.5 | 8 | 8 | 3.9 | 60 | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | TORK VİDA / *TORX SCREW* / *TORX-SCHRAUBEN* |
| **1108-M3x6.8** | M3x0.5 | 6.8 | 8 | 4 | 60 | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | TORK VİDA / *TORX SCREW* / *TORX-SCHRAUBEN* |
| **3008-M3x6** | M3x0.5 | 6 | 8 | 4 | 45 | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | TORK VİDA / *TORX SCREW* / *TORX-SCHRAUBEN* |
| **3008-M3x7** | M3x0.5 | 7 | 8 | 4 | 55 | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | TORK VİDA / *TORX SCREW* / *TORX-SCHRAUBEN* |
| **3008-M3x8** | M3x0.5 | 8 | 8 | 4 | 45 | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | TORK VİDA / *TORX SCREW* / *TORX-SCHRAUBEN* |
| **3108-M3x6** | M3x0.5 | 6 | 8 | 3.8 | 60 | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | TORK VİDA / *TORX SCREW* / *TORX-SCHRAUBEN* |
| **4008-M3x8** | M3x0.5 | 8 | 8 | 4 | 60 | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | TORK VİDA / *TORX SCREW* / *TORX-SCHRAUBEN* |
| **4010-M3x6** | M3x0.5 | 6 | 10 | 4.2 | 45 | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | TORK VİDA / *TORX SCREW* / *TORX-SCHRAUBEN* |
| **4010-M3x8** | M3x0.5 | 8 | 10 | 4.2 | 45 | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | TORK VİDA / *TORX SCREW* / *TORX-SCHRAUBEN* |
| **1015-M3.5x9** | M3.5x0.6 | 9 | 15 | 5.3 | 60 | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | TORK VİDA / *TORX SCREW* / *TORX-SCHRAUBEN* |
| **1015-M3.5x11** | M3.5x0.6 | 11.1 | 15 | 5.3 | 60 | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | TORK VİDA / *TORX SCREW* / *TORX-SCHRAUBEN* |
| **1015-M3.5x16** | M3.5x0.6 | 16 | 15 | 5.3 | 55 | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | TORK VİDA / *TORX SCREW* / *TORX-SCHRAUBEN* |
| **1315-M3.5x11** | M3.5x0.6 | 10.6 | 15 | 7.9 | - | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | TORK VİDA / *TORX SCREW* / *TORX-SCHRAUBEN* |
| **1510-M3.5x7** | M3.5x0.6 | 7.1 | 10 | 5.1 | 55 | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | TORK VİDA / *TORX SCREW* / *TORX-SCHRAUBEN* |
| **1510-M3.5x9** | M3.5x0.6 | 9.1 | 10 | 5 | 55 | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | TORK VİDA / *TORX SCREW* / *TORX-SCHRAUBEN* |
| **1615-M3.5x10** | M3.5x0.6 | 10 | 15 | 5.8 | 60 | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | TORK VİDA / *TORX SCREW* / *TORX-SCHRAUBEN* |
| **1615-M3.5x11** | M3.5x0.6 | 11 | 15 | 5.8 | 60 | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | TORK VİDA / *TORX SCREW* / *TORX-SCHRAUBEN* |
| **1615-M3.5x15** | M3.5x0.6 | 15 | 15 | 5.8 | 60 | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | TORK VİDA / *TORX SCREW* / *TORX-SCHRAUBEN* |
| **3010-M3.5x7** | M3.5x0.6 | 7 | 10 | 5 | 55 | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | TORK VİDA / *TORX SCREW* / *TORX-SCHRAUBEN* |
| **3010-M3.5x9** | M3.5x0.6 | 9 | 10 | 5 | 55 | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | TORK VİDA / *TORX SCREW* / *TORX-SCHRAUBEN* |
| **3015-M3.5x9** | M3.5X0.6 | 8.8 | 15 | 5.4 | 60 | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | TORK VİDA / *TORX SCREW* / *TORX-SCHRAUBEN* |
| **4015-M3.5x8** | M3.5x0.6 | 7.9 | 15 | 5.3 | 55 | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | TORK VİDA / *TORX SCREW* / *TORX-SCHRAUBEN* |
| **4015-M3.5x9** | M3.5x0.6 | 8.7 | 15 | 5.3 | 60 | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | TORK VİDA / *TORX SCREW* / *TORX-SCHRAUBEN* |
| **4015-M3.5x10** | M3.5x0.6 | 9.8 | 15 | 5.3 | 60 | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | TORK VİDA / *TORX SCREW* / *TORX-SCHRAUBEN* |



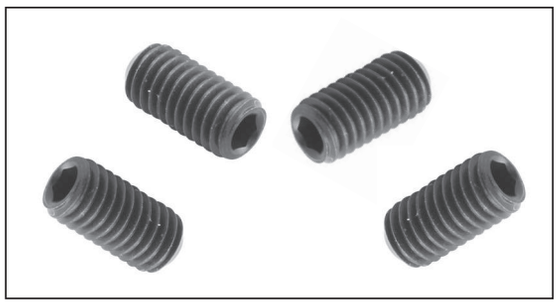

## TORK VİDALARI / *TORX SCREWS* / *TORX-SCHRAUBEN*

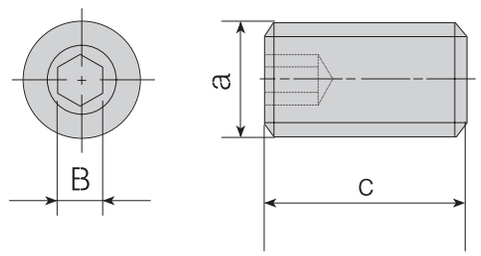
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | a (M) | b | T | d | a° | Ürün Detayı / *Product Detail* / *Produkt-Details* | |
|---|---|---|---|---|---|---|---|
| **4015-M3.5x11** | M3.5x0.6 | 10.7 | 15 | 5.3 | 60 | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | TORK VİDA / *TORX SCREW* / *TORX-SCHRAUBEN* |
| **4015-M3.5x12** | M3.5x0.6 | 12 | 15 | 5.3 | 60 | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | TORK VİDA / *TORX SCREW* / *TORX-SCHRAUBEN* |
| **4015-M3.5x14** | M3.5x0.6 | 13.7 | 15 | 5.3 | 60 | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | TORK VİDA / *TORX SCREW* / *TORX-SCHRAUBEN* |
| **1015-M4x8** | M4x0.7 | 8 | 15 | 6.8 | R | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | TORK VİDA / *TORX SCREW* / *TORX-SCHRAUBEN* |
| **1015-M4x9** | M4x0.7 | 9 | 15 | 6.8 | R | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | TORK VİDA / *TORX SCREW* / *TORX-SCHRAUBEN* |
| **1515-M4x9** | M4x0.7 | 9 | 15 | 5.7 | 50 | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | TORK VİDA / *TORX SCREW* / *TORX-SCHRAUBEN* |
| **1015-M4x11** | M4x0.7 | 10.8 | 15 | 6.8 | R | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | TORK VİDA / *TORX SCREW* / *TORX-SCHRAUBEN* |
| **1115-M4x10** | M4x0.7 | 10 | 15 | 5.9 | R | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | TORK VİDA / *TORX SCREW* / *TORX-SCHRAUBEN* |
| **1315-M4x11** | M4x0.7 | 11.1 | 15 | 5 | 45 | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | TORK VİDA / *TORX SCREW* / *TORX-SCHRAUBEN* |
| **1415-M4x11** | M4x0.7 | 11 | 15 | 5.6 | 50 | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | TORK VİDA / *TORX SCREW* / *TORX-SCHRAUBEN* |
| **1515-M4x11** | M4x0.7 | 11.1 | 15 | 5.6 | 50 | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | TORK VİDA / *TORX SCREW* / *TORX-SCHRAUBEN* |
| **1615-M4x11** | M4x0.7 | 11.1 | 15 | 6 | 50 | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | TORK VİDA / *TORX SCREW* / *TORX-SCHRAUBEN* |
| **3015-M4x9** | M4x0.7 | 9 | 15 | 5.6 | 50 | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | TORK VİDA / *TORX SCREW* / *TORX-SCHRAUBEN* |
| **3015-M4x11** | M4x0.7 | 11 | 15 | 5.6 | 50 | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | TORK VİDA / *TORX SCREW* / *TORX-SCHRAUBEN* |
| **4015-M4x8** | M4x0.7 | 8 | 15 | 5.6 | 50 | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | TORK VİDA / *TORX SCREW* / *TORX-SCHRAUBEN* |
| **4015-M4x9** | M4x0.7 | 9 | 15 | 5.6 | 50 | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | TORK VİDA / *TORX SCREW* / *TORX-SCHRAUBEN* |
| **4015-M4x10** | M4x0.7 | 10 | 15 | 5.6 | 60 | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | TORK VİDA / *TORX SCREW* / *TORX-SCHRAUBEN* |
| **4015-M4x11** | M4x0.7 | 11 | 15 | 5.6 | 50 | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | TORK VİDA / *TORX SCREW* / *TORX-SCHRAUBEN* |
| **4015-M4x12** | M4x0.7 | 12 | 15 | 5.7 | 50 | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | TORK VİDA / *TORX SCREW* / *TORX-SCHRAUBEN* |
| **4115-M4x12** | M4x0.7 | 12 | 15 | 5.6 | 55 | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | TORK VİDA / *TORX SCREW* / *TORX-SCHRAUBEN* |
| **4515-M4x8** | M4x0.7 | 8 | 15 | 5.1 | 50 | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | TORK VİDA / *TORX SCREW* / *TORX-SCHRAUBEN* |
| **4515-M4x11** | M4x0.7 | 11 | 15 | 5.1 | 50 | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | TORK VİDA / *TORX SCREW* / *TORX-SCHRAUBEN* |
| **4615-M4x11** | M4x0.7 | 11 | 15 | 6 | 50 | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | TORK VİDA / *TORX SCREW* / *TORX-SCHRAUBEN* |
| **1015-M4.5x12** | M4.5x0.75 | 12 | 15 | 6.6 | 50 | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | TORK VİDA / *TORX SCREW* / *TORX-SCHRAUBEN* |
| **1020-M4.5x14** | M4.5x0.75 | 14 | 20 | 6.5 | 45 | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | TORK VİDA / *TORX SCREW* / *TORX-SCHRAUBEN* |
| **1020-M4.5x16** | M4.5x0.75 | 16 | 20 | 6.5 | 45 | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | TORK VİDA / *TORX SCREW* / *TORX-SCHRAUBEN* |
| **1120-M4.5x12** | M4.5x0.75 | 12.1 | 20 | 7.9 | R | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | TORK VİDA / *TORX SCREW* / *TORX-SCHRAUBEN* |
| **1515-M4.5x11** | M4.5x0.75 | 11 | 15 | 6.4 | 45 | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | TORK VİDA / *TORX SCREW* / *TORX-SCHRAUBEN* |
| **4015-M4.5x11** | M4.5x0.75 | 11 | 15 | 6.4 | 45 | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | TORK VİDA / *TORX SCREW* / *TORX-SCHRAUBEN* |
| **4020-M4.5x10** | M4.5x0.75 | 10 | 20 | 6.5 | 55 | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | TORK VİDA / *TORX SCREW* / *TORX-SCHRAUBEN* |
| **4020-M4.5x12** | M4.5x0.75 | 12 | 20 | 6.5 | 55 | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | TORK VİDA / *TORX SCREW* / *TORX-SCHRAUBEN* |
| **1020-M5x7.5** | M5x0.8 | 7.5 | 20 | 6.5 | 50 | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | TORK VİDA / *TORX SCREW* / *TORX-SCHRAUBEN* |
| **1020-M5x11** | M5x0.8 | 11 | 20 | 6.6 | 50 | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | TORK VİDA / *TORX SCREW* / *TORX-SCHRAUBEN* |
| **1020-M5x14** | M5x0.8 | 14.1 | 20 | 6.8 | 50 | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | TORK VİDA / *TORX SCREW* / *TORX-SCHRAUBEN* |
| **1120-M5x13** | M5x0.8 | 13 | 20 | 7 | R | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | TORK VİDA / *TORX SCREW* / *TORX-SCHRAUBEN* |
| **1615-M5x14** | M5x0.8 | 14 | 15 | 7.3 | 50 | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | TORK VİDA / *TORX SCREW* / *TORX-SCHRAUBEN* |
| **1620-M5x18** | M5x0.8 | 18 | 20 | 8.15 | 50 | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | TORK VİDA / *TORX SCREW* / *TORX-SCHRAUBEN* |
| **1620-M5x22** | M5x0.8 | 22 | 20 | 8.15 | 50 | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | TORK VİDA / *TORX SCREW* / *TORX-SCHRAUBEN* |
| **4420-M5x14** | M5x0.8 | 14 | 20 | 6.6 | 60 | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | TORK VİDA / *TORX SCREW* / *TORX-SCHRAUBEN* |
| **1020-M6x16** | M6x1.0 | 16 | 20 | 8.5 | 50 | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | TORK VİDA / *TORX SCREW* / *TORX-SCHRAUBEN* |
| **1420-M6x16** | M6x1.0 | 16 | 20 | 7.6 | 50 | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | TORK VİDA / *TORX SCREW* / *TORX-SCHRAUBEN* |
| **1520-M6x16** | M6x1.0 | 16 | 20 | 8.2 | 50 | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | TORK VİDA / *TORX SCREW* / *TORX-SCHRAUBEN* |
| **1710-U5-40x12.2** | UNC 5-40 | 12.2 | 10 | 5.6 | 60 | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | TORK VİDA / *TORX SCREW* / *TORX-SCHRAUBEN* |
| **1720-U8-32x10** | UNC 8-32 | 10 | 20 | 7.5 | 60 | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | TORK VİDA / *TORX SCREW* / *TORX-SCHRAUBEN* |
| **1720-U8-32x15** | UNC 8-32 | 15 | 20 | 7.5 | 60 | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | TORK VİDA / *TORX SCREW* / *TORX-SCHRAUBEN* |
| **1707-U4-48x6** | UNF 4-48 | 6 | 7 | 3.27 | 60 | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | TORK VİDA / *TORX SCREW* / *TORX-SCHRAUBEN* |
| **1707-U4-48x6.5** | UNF 4-48 | 6.5 | 7 | 3.27 | 60 | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | TORK VİDA / *TORX SCREW* / *TORX-SCHRAUBEN* |
| **1707-U4-48x8.2** | UNF 4-48 | 8.2 | 7 | 3.27 | 60 | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | TORK VİDA / *TORX SCREW* / *TORX-SCHRAUBEN* |




## EKSENEL AYAR VİDALARI / *AXIAL ADJUSTING SCREWS* / *AXIAL-EINSTELLSCHRAUBE*

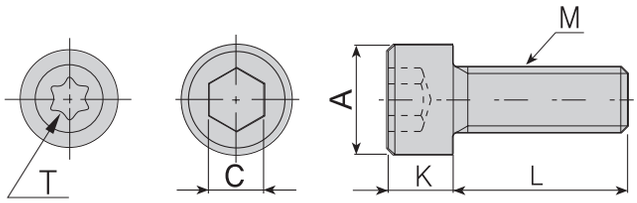
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | a (M) | b | c | d | B | Ürün Detayı / *Product Detail* / *Produkt-Details* | |
|---|---|---|---|---|---|---|---|
| **2600-M4x9.5** | M4x0.5 | 9.5 | 4 | 4 | 1.5 | Kartuş için / for Cartridge / *FÜR KASSETTE* | Eksenel Ayar Vida / *Axial Adjust Screw* / *Axial-Einstellschraube* |
| **2600-M5x13** | M5x0.5 | 13 | 7 | 8 | 2.5 | Kartuş için / for Cartridge / *FÜR KASSETTE* | Eksenel Ayar Vida / *Axial Adjust Screw* / *Axial-Einstellschraube* |
| **2600-M6x18** | M6x1.0 | 18 | 9 | 10 | 3.5 | Kartuş için / for Cartridge / *FÜR KASSETTE* | Eksenel Ayar Vida / *Axial Adjust Screw* / *Axial-Einstellschraube* |






## RADYAL AYAR VİDALARI / *RADIAL ADJUSTING SCREWS* / *AXIAL-EINSTELLSCHRAUBE*

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | a (M) | c | B | Ürün Detayı / *Product Detail* / *Produkt-Details* | |
|---|---|---|---|---|---|
| **2715-M3x4** | M3x0.5 | 4 | 1.5 | KABA BARA için / for ROUGH BORING HEADS *FÜR SCHRUPP-SPINDELKOPF* | KABA BARA KARTUŞU için / for ROUGH BORING HEADS CARTRIDGE *FÜR KASSETTEN DER SCHRUPP-SPINDELKÖPFE* |
| **2715-M3x5** | M3x0.5 | 5 | 1.5 | KABA BARA için / for ROUGH BORING HEADS *FÜR SCHRUPP-SPINDELKOPF* | KABA BARA KARTUŞU için / for ROUGH BORING HEADS CARTRIDGE *FÜR KASSETTEN DER SCHRUPP-SPINDELKÖPFE* |
| **2715-M3x8** | M3x0.5 | 8 | 1.5 | KABA BARA için / for ROUGH BORING HEADS *FÜR SCHRUPP-SPINDELKOPF* | KABA BARA KARTUŞU için / for ROUGH BORING HEADS CARTRIDGE *FÜR KASSETTEN DER SCHRUPP-SPINDELKÖPFE* |
| **2702-M4x4** | M4x0.7 | 4 | 2 | KARTUŞ için / for CARTRIDGE / *FÜR KASSETTE* | KARTUŞ için / for CARTRIDGE / *FÜR KASSETTE* |
| **2702-M4x10** | M4x0.7 | 10 | 2 | KARTUŞ için / for CARTRIDGE / *FÜR KASSETTE* | KARTUŞ için / for CARTRIDGE / *FÜR KASSETTE* |
| **2702-M4x12** | M4x0.7 | 12 | 2 | KABA BARA için / for ROUGH BORING HEADS *FÜR SCHRUPP-SPINDELKOPF* | KABA BARA KARTUŞU için / for ROUGH BORING HEADS CARTRIDGE *FÜR KASSETTEN DER SCHRUPP-SPINDELKÖPFE* |
| **2725-M5x6** | M5x0.8 | 5 | 2.5 | KARTUŞ için / for CARTRIDGE / *FÜR KASSETTE* | KARTUŞ için / for CARTRIDGE / *FÜR KASSETTE* |
| **2725-M5x10** | M5x0.8 | 10 | 2.5 | KARTUŞ için / for CARTRIDGE / *FÜR KASSETTE* | KARTUŞ içim / for CARTRIDGE / *FÜR KASSETTE* |
| **2725-M5x12** | M5x0.8 | 12 | 2.5 | KABA BARA için / for ROUGH BORING HEADS *FÜR SCHRUPP-SPINDELKOPF* | KABA BARA KARTUŞU için / for ROUGH BORING HEADS CARTRIDGE *FÜR KASSETTEN DER SCHRUPP-SPINDELKÖPFE* |
| **2725-M5x14** | M5x0.8 | 14 | 2.5 | KABA BARA için / for ROUGH BORING HEADS *FÜR SCHRUPP-SPINDELKOPF* | KABA BARA KARTUŞU için / for ROUGH BORING HEADS CARTRIDGE *FÜR KASSETTEN DER SCHRUPP-SPINDELKÖPFE* |
| **2703-M6x16** | M6x1 | 16 | 3 | KABA BARA için / for ROUGH BORING HEADS *FÜR SCHRUPP-SPINDELKOPF* | KABA BARA KARTUŞU için / for ROUGH BORING HEADS CARTRIDGE *FÜR KASSETTEN DER SCHRUPP-SPINDELKÖPFE* |
| **2704-M8x25** | M8x1.25 | 25.9 | 4 | KABA BARA için / for ROUGH BORING HEADS *FÜR SCHRUPP-SPINDELKOPF* | KABA BARA KARTUŞU için / for ROUGH BORING HEADS CARTRIDGE *FÜR KASSETTEN DER SCHRUPP-SPINDELKÖPFE* |
| **2704-M8x1x5** | M8x1 | 5 | 4 | İÇTEN SOĞUTMA KANALLI TAKIMLAR için / for COOLANT TOOLS / *IFÜR AUSSEN - DREHHALTER* | JET TAKIMLAR için / For JET TOOLS / FÜR JET WERKZEUGE |
| **2705-G1/8x5.5** | G1/8 | 5.5 | 5 | İÇTEN SOĞUTMA KANALLI TAKIMLAR için / for COOLANT TOOLS / *IFÜR AUSSEN - DREHHALTER* | JET TAKIMLAR için / For JET TOOLS / FÜR JET WERKZEUGE |




## İNBUS CİVATALAR / *INBUS SCREWS* / *INNENSECHSKANT-SCHRAUBE*

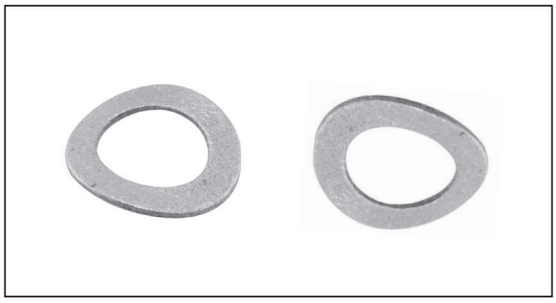
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | M | A | C | K | L | Ürün Detayı / *Product Detail* / *Produkt-Details* | |
|---|---|---|---|---|---|---|---|
| **2503-M4x10** | M4x0.7 | 7 | 3 | 4 | 10 | KANAL KATER VİDASI / SOME GROOVING TOOLS SCREW | *SCHRAUBEN FÜR STECHHALTER* |
| **2525-M3x14** | M3X0.5 | 5.4 | 2.5 | 3 | 14 | BARA KARTUŞU için SIKMA VİDASI / for BORING HEADS CARTRIDGE SCREW | *SCHRAUBE FÜR KASSETTE DER SCHRUPP-SPINDELKÖPFE* |
| **2503-M4x20** | M4x0.7 | 7 | 3 | 4 | 20 | BARA KARTUŞU için SIKMA VİDASI / for BORING HEADS CARTRIDGE SCREW | *SCHRAUBE FÜR KASSETTE DER SCHRUPP-SPINDELKÖPFE* |
| **2503-M4x12** | M4x0.7 | 7 | 3 | 4 | 12 | KANAL KATER VİDASI / SOME GROOVING TOOLS SCREW | *SCHRAUBEN FÜR STECHHALTER* |
| **2503-M4x15** | M4x0.7 | 7 | 3 | 4 | 15 | BARA KARTUŞU için SIKMA VİDASI / for BORING HEADS CARTRIDGE SCREW | *SCHRAUBE FÜR KASSETTE DER SCHRUPP-SPINDELKÖPFE* |
| **2504-M5x16** | M5x0.8 | 8.5 | 4 | 5 | 16 | KANAL KATER VİDASI / SOME GROOVING TOOLS SCREW | *SCHRAUBEN FÜR STECHHALTER* |
| **2504-M5x12** | M5x0.8 | 8.5 | 4 | 5 | 12 | KANAL KATER VİDASI / SOME GROOVING TOOLS SCREW | *SCHRAUBEN FÜR STECHHALTER* |
| **2504-M5x14** | M5x0.8 | 8.5 | 4 | 5 | 14 | KANAL KATER VİDASI / SOME GROOVING TOOLS SCREW | *SCHRAUBEN FÜR STECHHALTER* |
| **2504-M5x25** | M5x0.8 | 8.5 | 4 | 5 | 25 | BARA KARTUŞU için SIKMA VİDASI / for BORING HEADS CARTRIDGE SCREW | *SCHRAUBE FÜR KASSETTE DER SCHRUPP-SPINDELKÖPFE* |
| **2505-M6x16** | M6x1 | 10 | 5 | 6 | 16 | KANAL KATER VİDASI / SOME GROOVING TOOLS SCREW | *SCHRAUBEN FÜR STECHHALTER* |
| **2505-M6x20** | M6x1 | 10 | 5 | 6 | 20 | KANAL KATER VİDASI / SOME GROOVING TOOLS SCREW | *SCHRAUBEN FÜR STECHHALTER* |
| **2505-M6x25** | M6x1 | 10 | 5 | 6 | 25 | BLOK BASKI PABUÇ VİDASI / for BLOCK CLAMP SCREW | *SCHRAUBE FÜR SPANNBLOCK* |
| **2505-M6x30** | M6x1 | 10 | 5 | 6 | 30 | BARA KARTUŞU için SIKMA VİDASI / for BORING HEADS CARTRIDGE SCREW | *SCHRAUBE FÜR KASSETTE DER SCHRUPP-SPINDELKÖPFE* |
| **2306-M8x37** | M8x1.25 | 13 | 6 | 6.4 | 31.5 | MONTAJ VİDASI (KAFASI KÜÇÜK) / MOUNTING SCREW (SMALL HEAD) | *BEFESTIGUNGSSCHRAUBE* |
| **2405-M8x30** | M8x1.25 | 13 | 5 | 5 | 30 | A16 MONTAJ VİDASI (KAFASI KÜÇÜK) / MOUNTING SCREW (SMALL HEAD) | *BEFESTIGUNGSSCHRAUBE (KLEINER KOPF)* |
| **2506-M8x20** | M8x1.25 | 13 | 6 | 8 | 20 | KARTUŞ MONTAJ VİDASI / CARTRIDGE MOUNTING SCREW | *BEFESTIGUNGSSCHRAUBE FÜR KASSETTE* |
| **2506-M8x30** | M8x1.25 | 13 | 6 | 8 | 30 | A16 MONTAJ VİDASI / MOUNTING SCREW | *BEFESTIGUNGSSCHRAUBE* |
| **2506-M8x35** | M8x1.25 | 13 | 6 | 8 | 35 | BARA KARTUŞU için SIKMA VİDASI / for BORING HEADS CARTRIDGE SCREW | *SCHRAUBE FÜR KASSETTE DER SCHRUPP-SPINDELKÖPFE* |
| **2406-M8x30** | M8x1.25 | 12 | 6 | 8 | 30 | A16 MONTAJ VİDASI / MOUNTING SCREW | *BEFESTIGUNGSSCHRAUBE* |
| **2407-M10x30** | M10x1.5 | 16 | 7 | 6 | 30 | A16 MONTAJ VİDASI / MOUNTING SCREW | *BEFESTIGUNGSSCHRAUBE* |
| **2408-M10x30** | M10x1.5 | 13 | 8 | 10 | 30 | A22 MONTAJ VİDASI / MOUNTING SCREW | *BEFESTIGUNGSSCHRAUBE* |
| **2508-M10x30** | M10x1.5 | 16 | 8 | 10 | 30 | A22 MONTAJ VİDASI / MOUNTING SCREW | *BEFESTIGUNGSSCHRAUBE* |
| **2508-M10x40** | M10x1.5 | 16 | 8 | 10 | 40 | BARA KARTUŞU için SIKMA VİDASI / for BORING HEADS CARTRIDGE SCREWS | *SCHRAUBE FÜR KASSETTE DER SCHRUPP-SPINDELKÖPFE* |
| **2408-M12x35** | M12x1.75 | 18 | 8 | 7 | 35 | A27 MONTAJ VİDASI / MOUNTING SCREW | *BEFESTIGUNGSSCHRAUBE* |
| **2510-M12x35** | M12x1.75 | 18 | 10 | 12 | 35 | A27 MONTAJ VİDASI / MOUNTING SCREW | *BEFESTIGUNGSSCHRAUBE* |
| **2514-M16x35** | M16x2.0 | 23.7 | 14 | 16 | 35 | A32 MONTAJ VİDASI / MOUNTING SCREW | *BEFESTIGUNGSSCHRAUBE* |
| **AAV-11-U5-40x4.5** | UNC 5-40 | 5.4 | T10 | 2.8 | 4.5 | 16 ER/L, 16 IR/L ALTLIK VİDASI / SHIM SCREW | *SCHRAUBE FÜR UNTERLAGE* |
| **AAV-12-U8-32x5.5** | UNC 8-32 | 6.7 | T20 | 3.8 | 5.5 | 22 ER/L, 22 IR/L ALTLIK VİDASI / SHIM SCREW | *SCHRAUBE FÜR UNTERLAGE* |
| **AAV-15-M5x5.7** | M5X0.8 | 8.5 | T20 | 3.15 | 5.7 | 27 ER/L, 27 IR/L ALTLIK VİDASI / SHIM SCREW | *SCHRAUBE FÜR UNTERLAGE* |

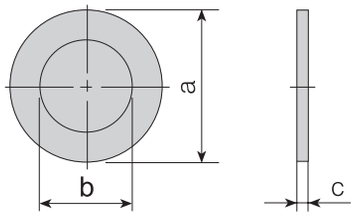
## SEGMAN / *RING* / *RING*

| Ürün Resmi *Product Picture* *Produkt-Bild* | Ürün Kodu *Product Code / Code* | Ürün Detayı / *Product Detail* / *Produkt-Details* | |
|---|---|---|---|
| | **ACS-01** | C-SİSTEM için / For C-SYSTEM / *FÜR C-SYSTEM* | TNGN, CNGN, DNGN, SNGN SEGMANI / *RING* |
| | **AS-01** | T-M-SİSTEM için / For T-M-SYSTEM / *FÜR T-M-SYSTEM* | AKV-30-M6x22 SEGMANI / *RING* |
| | **AS-02** | T SİSTEM için / For T SYSTEM / *FÜR T-SYSTEM* | AKV-19-M7x25 SEGMANI / *RING* |

## ORING / *ORING* / *ORING*

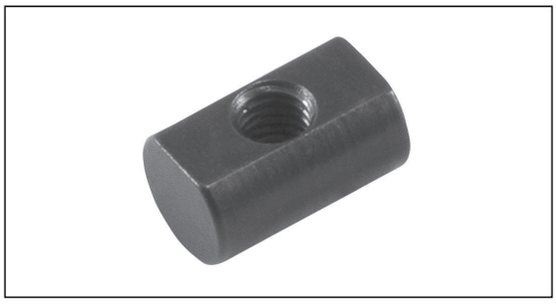
| Ürün Resmi *Product Picture* *Produkt-Bild* | Ürün Kodu *Product Code / Code* | Ürün Detayı / *Product Detail* / *Produkt-Details* | |
|---|---|---|---|
| | **AOR-01** | P-SİSTEM için / For P-SYSTEM / *FÜR P-SYSTEM* | ORING |
| | **AXR-01** | T-P SİSTEM için / For T-P SYSTEM / *TFÜR P-SYSTEM* | ORING |

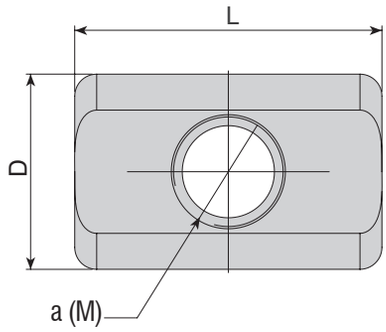





## BASKI VE ALTLIK VİDASI PULU / *STAMP* / *UNTERLEGSCHEIBE*

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | a | b | c | Ürün Detayı / *Product Detail* / *Produkt-Details* | |
|---|---|---|---|---|---|
| **ABPL-01** | 10.5 | 6.2 | 0.5 | PUL/STAMP/*RING* | BASKI PULU / STAMP / *RING* |
| **ABPL-02** | 12.75 | 7.1 | 0.45 | PUL/STAMP/*RING* | BASKI PULU / STAMP / *RING* |
| **ABPL-03** | 5.3 | 3.2 | 0.5 | PUL/STAMP/*RING* | TER - TIR 16 ER/EL - IR/IL ALTLIK VİDA PULU / SHIM SCREW RING / *SHIM SCREW RING /SCHRAUBE FÜR UNTERLAGENRING* |
| **ABPL-04** | 6.9 | 4.2 | 0.5 | PUL/STAMP/*RING* | TER - TIR 22 ER/EL - IR/IL ALTLIK VİDA PULU / SHIM SCREW RING / *SHIM SCREW RING /SCHRAUBE FÜR UNTERLAGENRING* |
| **ABPL-05** | 8.5 | 5 | 0.5 | PUL/STAMP/*RING* | TER - TIR 27 ER/EL - IR/IL ALTLIK VİDA PULU / SHIM SCREW RING / *SHIM SCREW RING /SCHRAUBE FÜR UNTERLAGENRING* |






## BARA PABUÇLARI / *BORING HEADS CARTRIDGE* / *KASSETTE FÜR SPINDELKOPF*

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | a (M) | D | L | Ürün Detayı / *Product Detail* / *Produkt-Details* | |
|---|---|---|---|---|---|
| **ABKS-D16** | M3x0.5 | 4.9 | 6 | KABA BARA için / for ROUGH BORING HEADS / *FÜR SCHRUPP-SPINDELKOPF* | ABHR-D16x42-W16-L90 |
| **ABKS-D20** | M4x0.7 | 5.9 | 9 | ABA BARA için / for ROUGH BORING HEADS / *FÜR SCHRUPP-SPINDELKOPF* | ABHR-D20x50-W20-L100 |
| **ABKS-D25** | M4x0.7 | 5.9 | 12 | KABA BARA için / for ROUGH BORING HEADS / *FÜR SCHRUPP-SPINDELKOPF* | ABHR-D25x60-W20-L110 |
| **ABKS-D32** | M5x0.8 | 8.9 | 14 | KABA BARA için / for ROUGH BORING HEADS / *FÜR SCHRUPP-SPINDELKOPF* | ABHR-D32x64-W25-L120 |
| **ABKS-D40** | M6x1 | 10.9 | 18 | KABA BARA için / for ROUGH BORING HEADS / *FÜR SCHRUPP-SPINDELKOPF* | ABHR-D40x80-W32-L140 |
| **ABKS-D50** | M8x1.25 | 13.9 | 28 | KABA BARA için / for ROUGH BORING HEADS / *FÜR SCHRUPP-SPINDELKOPF* | ABHR-D50x100-W32-L160 |
| **ABKS-D63** | M10x1.5 | 15.9 | 35 | KABA BARA için / for ROUGH BORING HEADS / *FÜR SCHRUPP-SPINDELKOPF* | ABHR-D63x80-W32-L140, ABHR-D63x130-W40-L200 |
| **ABKS-D80** | M12x1.75 | 17.9 | 45 | KABA BARA için / for ROUGH BORING HEADS / *FÜR SCHRUPP-SPINDELKOPF* | ABHR-D80x140-W40-L210, ABHR-D80x140-W40-L210 -B |

## KESME ve KANAL LAMA AÇMA BLOK PABUÇLARI / *BLOCKS FOR PARTING AND DEEP GROOVING BLADES CLAMPS* *KLEMMLEISTE FÜR SCHWERT-SPANNBLOCK*

**Ürün Resmi** *Product Picture* *Produkt-Bild*

| Ürün Kodu *Product Code / Code* | Ürün Detayı / *Product Detail* / *Produkt-Details* | |
|---|---|---|
| **ABK-01** | LAMA BLOĞU İçin / For BLADE BLOCK /FÜR SCHWERT-SPANNBLOCK | ALBU-20-26 BASKI PABUCU / CLAMP / *PRATZE* |
| **ABK-02** | LAMA BLOĞU İçin / For BLADE BLOCK / *FÜR SCHWERT-SPANNBLOCK* | ALBU-25-26 BASKI PABUCU / CLAMP / *PRATZE* |
| **ABK-03** | LAMA BLOĞU İçin / For BLADE BLOCK / *FÜR SCHWERT-SPANNBLOCK* | ALBU-20-32 BASKI PABUCU / CLAMP / *PRATZE* |
| **ABK-04** | LAMA BLOĞU İçin / For BLADE BLOCK / *FÜR SCHWERT-SPANNBLOCK* | ALBU-25-32, ALBU-32-32 BASKI PABUCU / CLAMP / *PRATZE* |
| | | |
| | | |
| | | |

## LAMA ANAHTARI / BLADE KEY / *SCHWERT-SCHLÜSSEL*

**Ürün Resmi** *Product Picture* *Produkt-Bild*

| Ürün Kodu *Product Code / Code* | Ürün Detayı / *Product Detail* / *Produkt-Details* |
|---|---|
| **ALA-01** | AKL LAMA ANAHTARI / for BLADE KEY / *SCHWERT-SCHLÜSSEL* |
| **ALA-02** | AKL LAMA ANAHTARI / for BLADE KEY / *SCHWERT-SCHLÜSSEL* |
| | |
| | |
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| | |

## ALYAN ANAHTARLARI / *ALLEN KEYS* / *INNENSECHSKANT-SCHLÜSSEL*

**Ürün Resmi** *Product Picture* *Produkt-Bild*

| Ürün Kodu *Product Code / Code* | Ürün Detayı / *Product Detail* / *Produkt-Details* | |
|---|---|---|
| **AAL-01-2** | 2 mm | ALYAN ANAHTARI / ALLEN KEYS / *INNENSECHSKANT-SCHLÜSSEL* |
| **AAL-02-2.5** | 2.5 mm | ALYAN ANAHTARI / ALLEN KEYS / *INNENSECHSKANT-SCHLÜSSEL* |
| **AAL-03-3** | 3 mm | ALYAN ANAHTARI / ALLEN KEYS / *INNENSECHSKANT-SCHLÜSSEL* |
| **AAL-05-4** | 4 mm | ALYAN ANAHTARI / ALLEN KEYS / *INNENSECHSKANT-SCHLÜSSEL* |
| **AAL-07-5** | 5 mm | ALYAN ANAHTARI / ALLEN KEYS / *INNENSECHSKANT-SCHLÜSSEL* |
| **AAL-08-6** | 6 mm | ALYAN ANAHTARI / ALLEN KEYS / *INNENSECHSKANT-SCHLÜSSEL* |
| **AAL-09-1.5** | 1.5 mm | ALYAN ANAHTARI / ALLEN KEYS / *INNENSECHSKANT-SCHLÜSSEL* |
| **AAL-11-8** | 8 mm | ALYAN ANAHTARI / ALLEN KEYS / *INNENSECHSKANT-SCHLÜSSEL* |
| **AAL-12-10** | 10 mm | ALYAN ANAHTARI / ALLEN KEYS / *INNENSECHSKANT-SCHLÜSSEL* |

## TORK ANAHTARLARI / *TORX KEYS* / *TORX-SCHLÜSSEL*

**Ürün Resmi** *Product Picture* *Produkt-Bild*

| Ürün Kodu *Product Code / Code* | Ürün Detayı / *Product Detail* / *Produkt-Details* |
|---|---|
| **82-T06** | T06 TORK ANAHTARI / *TORX KEY* / *TORX-SCHLÜSSEL* |
| **82-T07** | T07 TORK ANAHTARI / *TORX KEY* / *TORX-SCHLÜSSEL* |
| **82-T08** | T08 TORK ANAHTARI / *TORX KEY* / *TORX-SCHLÜSSEL* |
| **82-T10** | T10 TORK ANAHTARI / *TORX KEY* / *TORX-SCHLÜSSEL* |
| **80-T15** | T15 TORK ANAHTARI / *TORX KEY* / *TORX-SCHLÜSSEL* |
| **80-T20** | T20 TORK ANAHTARI / *TORX KEY* / *TORX-SCHLÜSSEL* |
| **81-T15** | T15 T-TİP TORK ANAHTARI / *T-TYPE TORX KEY* / *T-TYP-TORX-SCHLÜSSEL* |
| **81-T20** | T20 T-TİP TORK ANAHTARI / *T-TYPE TORX KEY* / *T-TYP-TORX-SCHLÜSSEL* |

| KOD / CODE | AÇIKLAMA / DESCRIPTION | BESCHREIBUNG | S.N. / P.N. SEITE |
|---|---|---|---|
| TCKNR/L | Monoblock Tools with Polygonal Shank | Monoblockhalter mit Polgygonschaft | 12 |
| TCLNR/L | Monoblock Tools with Polygonal Shank | Monoblockhalter mit Polgygonschaft | 12 |
| TCMNN | Monoblock Tools with Polygonal Shank | Monoblockhalter mit Polgygonschaft | 13 |
| TDNNN | Monoblock Tools with Polygonal Shank | Monoblockhalter mit Polgygonschaft | 13 |
| TDHNR/L | Monoblock Tools with Polygonal Shank | Monoblockhalter mit Polgygonschaft | 14 |
| TDJNR/L | Monoblock Tools with Polygonal Shank | Monoblockhalter mit Polgygonschaft | 14 |
| TSDNN | Monoblock Tools with Polygonal Shank | Monoblockhalter mit Polgygonschaft | 15 |
| TSKNR/L | Monoblock Tools with Polygonal Shank | Monoblockhalter mit Polgygonschaft | 15 |
| TSSNR/L | Monoblock Tools with Polygonal Shank | Monoblockhalter mit Polgygonschaft | 16 |
| TVJNR/L | Monoblock Tools with Polygonal Shank | Monoblockhalter mit Polgygonschaft | 16 |
| TVVNN | Monoblock Tools with Polygonal Shank | Monoblockhalter mit Polgygonschaft | 17 |
| TWLNR/L | Monoblock Tools with Polygonal Shank | Monoblockhalter mit Polgygonschaft | 17 |
| PCLNR/L | Monoblock Tools with Polygonal Shank | Monoblockhalter mit Polgygonschaft | 18 |
| PRSCR/L | Monoblock Tools with Polygonal Shank | Monoblockhalter mit Polgygonschaft | 19 |
| PSBNR/L | Monoblock Tools with Polygonal Shank | Monoblockhalter mit Polgygonschaft | 19 |
| PSDNN | Monoblock Tools with Polygonal Shank | Monoblockhalter mit Polgygonschaft | 20 |
| PSSNR/L | Monoblock Tools with Polygonal Shank | Monoblockhalter mit Polgygonschaft | 20 |
| PSKNR/L | Monoblock Tools with Polygonal Shank | Monoblockhalter mit Polgygonschaft | 21 |
| PDJNR/L | Monoblock Tools with Polygonal Shank | Monoblockhalter mit Polgygonschaft | 21 |
| SCLCR/L | Monoblock Tools with Polygonal Shank | Monoblockhalter mit Polgygonschaft | 22 |
| SDJCR/L | Monoblock Tools with Polygonal Shank | Monoblockhalter mit Polgygonschaft | 22 |
| SDNCN | Monoblock Tools with Polygonal Shank | Monoblockhalter mit Polgygonschaft | 23 |
| SVVBN | Monoblock Tools with Polygonal Shank | Monoblockhalter mit Polgygonschaft | 23 |
| STGCR/L | Monoblock Tools with Polygonal Shank | Monoblockhalter mit Polgygonschaft | 24 |
| SVJBR/L | Monoblock Tools with Polygonal Shank | Monoblockhalter mit Polgygonschaft | 24 |
| SVJCR/L | Monoblock Tools with Polygonal Shank | Monoblockhalter mit Polgygonschaft | 25 |
| PCLNR/L | Monoblock Tools with Polygonal Shank | Monoblockhalter mit Polgygonschaft | 25 |
| SCLCR/L | Monoblock Tools with Polygonal Shank | Monoblockhalter mit Polgygonschaft | 26 |
| SDUCR/L | Monoblock Tools with Polygonal Shank | Monoblockhalter mit Polgygonschaft | 27 |
| TCLNR/L | Monoblock Tools with Polygonal Shank | Monoblockhalter mit Polgygonschaft | 27 |
| TER/L | Monoblock Tools with Polygonal Shank | Monoblockhalter mit Polgygonschaft | 28 |
| SIR/L | Monoblock Tools with Polygonal Shank | Monoblockhalter mit Polgygonschaft | 28 |
| TIR/L | Monoblock Tools with Polygonal Shank | Monoblockhalter mit Polgygonschaft | 29 |
| TCBNR/L | T-System External Turning Toolholders | T-System Aussen-Drehhalter | 33 |
| TCBNR/L-H | T-System External Turning Toolholders | T-System Aussen-Drehhalter | 33 |
| TCKNR/L | T-System External Turning Toolholders | T-System Aussen-Drehhalter | 34 |
| TCKNR/L-H | T-System External Turning Toolholders | T-System Aussen-Drehhalter | 34 |
| TCLNR/L | T-System External Turning Toolholders | T-System Aussen-Drehhalter | 35 |
| TCLNR/L-H | T-System External Turning Toolholders | T-System Aussen-Drehhalter | 35 |
| TCMNN | T-System External Turning Toolholders | T-System Aussen-Drehhalter | 36 |
| TCZNN | T-System External Turning Toolholders | T-System Aussen-Drehhalter | 36 |
| TDHNR/L | T-System External Turning Toolholders | T-System Aussen-Drehhalter | 37 |
| TDJNR/L | T-System External Turning Toolholders | T-System Aussen-Drehhalter | 37 |
| TDJNR/L-H | T-System External Turning Toolholders | T-System Aussen-Drehhalter | 38 |
| TDNNN | T-System External Turning Toolholders | T-System Aussen-Drehhalter | 38 |
| TDNNN-H | T-System External Turning Toolholders | T-System Aussen-Drehhalter | 39 |
| TSBNR/L-H | T-System External Turning Toolholders | T-System Aussen-Drehhalter | 39 |
| TSDNN | T-System External Turning Toolholders | T-System Aussen-Drehhalter | 40 |
| TSDNN-H | T-System External Turning Toolholders | T-System Aussen-Drehhalter | 40 |
| TSKNR/L | T-System External Turning Toolholders | T-System Aussen-Drehhalter | 41 |
| TSSNR/L | T-System External Turning Toolholders | T-System Aussen-Drehhalter | 41 |
| TSSNR/L-H | T-System External Turning Toolholders | T-System Aussen-Drehhalter | 42 |
| TTENN | T-System External Turning Toolholders | T-System Aussen-Drehhalter | 42 |
| TTGNR/L | T-System External Turning Toolholders | T-System Aussen-Drehhalter | 43 |
| TTJNR/L | T-System External Turning Toolholders | T-System Aussen-Drehhalter | 43 |
| TTJNR/L-H | T-System External Turning Toolholders | T-System Aussen-Drehhalter | 44 |
| TVHNR/L | T-System External Turning Toolholders | T-System Aussen-Drehhalter | 44 |
| TVJNR/L | T-System External Turning Toolholders | T-System Aussen-Drehhalter | 45 |
| TVJNR/L-H | T-System External Turning Toolholders | T-System Aussen-Drehhalter | 45 |
| TVVNN | T-System External Turning Toolholders | T-System Aussen-Drehhalter | 46 |
| TVVNN-H | T-System External Turning Toolholders | T-System Aussen-Drehhalter | 46 |
| TWLNR/L | T-System External Turning Toolholders | T-System Aussen-Drehhalter | 47 |
| TWLNR/L-H | T-System External Turning Toolholders | T-System Aussen-Drehhalter | 47 |
| MTENN | M-System External Turning Toolholders | M-System Aussen-Drehhalter | 50 |
| MTJNR/L | M-System External Turning Toolholders | M-System Aussen-Drehhalter | 50 |
| MWLNR/L | M-System External Turning Toolholders | M-System Aussen-Drehhalter | 51 |
| MWMNN | M-System External Turning Toolholders | M-System Aussen-Drehhalter | 51 |
| PCBNR/L | P-System External Turning Toolholders | P-System Aussen-Drehhalter | 53 |
| PCLNR/L | P-System External Turning Toolholders | P-System Aussen-Drehhalter | 53 |
| PCLNR/L-H | P-System External Turning Toolholders | P-System Aussen-Drehhalter | 54 |

| KOD / CODE | AÇIKLAMA / DESCRIPTION | BESCHREIBUNG | S.N. / P.N. SEITE |
|---|---|---|---|
| PCMNN | P-System External Turning Toolholders | P-System Aussen-Drehhalter | 54 |
| PDJNR/L | P-System External Turning Toolholders | P-System Aussen-Drehhalter | 55 |
| PDJNR/L-H | P-System External Turning Toolholders | P-System Aussen-Drehhalter | 55 |
| PDNNN | P-System External Turning Toolholders | P-System Aussen-Drehhalter | 56 |
| PDNNN-H | P-System External Turning Toolholders | P-System Aussen-Drehhalter | 56 |
| PRDCN | P-System External Turning Toolholders | P-System Aussen-Drehhalter | 57 |
| PSBNR/L | P-System External Turning Toolholders | P-System Aussen-Drehhalter | 57 |
| PSDNN | P-System External Turning Toolholders | P-System Aussen-Drehhalter | 58 |
| PSKNR/L | P-System External Turning Toolholders | P-System Aussen-Drehhalter | 58 |
| PSSNR/L | P-System External Turning Toolholders | P-System Aussen-Drehhalter | 59 |
| PTFNR/L | P-System External Turning Toolholders | P-System Aussen-Drehhalter | 59 |
| PTGNR/L | P-System External Turning Toolholders | P-System Aussen-Drehhalter | 60 |
| PTJNR/L | P-System External Turning Toolholders | P-System Aussen-Drehhalter | 60 |
| PTTNR/L | P-System External Turning Toolholders | P-System Aussen-Drehhalter | 61 |
| PWLNR/L | P-System External Turning Toolholders | P-System Aussen-Drehhalter | 61 |
| PDJCR/L-S | P-System Tools For Swiss Type Sliding Automatic Lathes | P-System für Langdrehautomaten | 62 |
| PWLNR/L-H | P-System External Turning Toolholders | P-System Aussen-Drehhalter | 62 |
| CCLNR/L | C-System External Turning Toolholders | C-System Aussen-Drehhalter | 65 |
| CKJNR/L | C-System External Turning Toolholders | C-System Aussen-Drehhalter | 65 |
| CDJNR/L | C-System External Turning Toolholders | C-System Aussen-Drehhalter | 66 |
| CDNNN | C-System External Turning Toolholders | C-System Aussen-Drehhalter | 66 |
| CRDCN-CV | C-System External Turning Toolholders | C-System Aussen-Drehhalter | 67 |
| CRDCN-CVK | C-System External Turning Toolholders | C-System Aussen-Drehhalter | 67 |
| CRDCR/L | C-System External Turning Toolholders | C-System Aussen-Drehhalter | 68 |
| CRDPR/L | C-System External Turning Toolholders | C-System Aussen-Drehhalter | 68 |
| CSDNN | C-System External Turning Toolholders | C-System Aussen-Drehhalter | 69 |
| CSKNR/L | C-System External Turning Toolholders | C-System Aussen-Drehhalter | 69 |
| CSRNR/L | C-System External Turning Toolholders | C-System Aussen-Drehhalter | 70 |
| CSSNR/L | C-System External Turning Toolholders | C-System Aussen-Drehhalter | 70 |
| CTJNR/L | C-System External Turning Toolholders | C-System Aussen-Drehhalter | 71 |
| CCLNR/L-TP | C-System External Turning Toolholders | C-System Aussen-Drehhalter | 72 |
| CDJNR/L-TP | C-System External Turning Toolholders | C-System Aussen-Drehhalter | 72 |
| CSDNN-TP | C-System External Turning Toolholders | C-System Aussen-Drehhalter | 73 |
| CSKNR/L-TP | C-System External Turning Toolholders | C-System Aussen-Drehhalter | 73 |
| CSRNR/L-TP | C-System External Turning Toolholders | C-System Aussen-Drehhalter | 74 |
| CSSNR/L-TP | C-System External Turning Toolholders | C-System Aussen-Drehhalter | 74 |
| CCLNR/L-N | C-System External Turning Toolholders | C-System Aussen-Drehhalter | 75 |
| CDJNR/L-N | C-System External Turning Toolholders | C-System Aussen-Drehhalter | 75 |
| CSDNN-N | C-System External Turning Toolholders | C-System Aussen-Drehhalter | 76 |
| CSKNR/L-N | C-System External Turning Toolholders | C-System Aussen-Drehhalter | 76 |
| CSRNR/L-N | C-System External Turning Toolholders | C-System Aussen-Drehhalter | 77 |
| CSSNR/L-N | C-System External Turning Toolholders | C-System Aussen-Drehhalter | 77 |
| SCACR/L | S-System External Turning Toolholders | S-System Aussen-Drehhalter | 79 |
| SCLCR/L | S-System External Turning Toolholders | S-System Aussen-Drehhalter | 79 |
| SCLCR/L-SHC | S-System External Turning Toolholders | S-System Aussen-Drehhalter | 80 |
| SCMCN | S-System External Turning Toolholders | S-System Aussen-Drehhalter | 80 |
| SDHCR/L | S-System External Turning Toolholders | S-System Aussen-Drehhalter | 81 |
| SDJCR/L | S-System External Turning Toolholders | S-System Aussen-Drehhalter | 81 |
| SDJCR/L-SHC | S-System External Turning Toolholders | S-System Aussen-Drehhalter | 82 |
| SDNCN | S-System External Turning Toolholders | S-System Aussen-Drehhalter | 82 |
| SRDCN | S-System External Turning Toolholders | S-System Aussen-Drehhalter | 83 |
| SRDCR/L | S-System External Turning Toolholders | S-System Aussen-Drehhalter | 84 |
| SRGCR/L | S-System External Turning Toolholders | S-System Aussen-Drehhalter | 84 |
| SRHCR/L | S-System External Turning Toolholders | S-System Aussen-Drehhalter | 85 |
| SRXCR/L | S-System External Turning Toolholders | S-System Aussen-Drehhalter | 85 |
| SSDCN | S-System External Turning Toolholders | S-System Aussen-Drehhalter | 86 |
| SSFCR/L | S-System External Turning Toolholders | S-System Aussen-Drehhalter | 86 |
| SSSCR/L | S-System External Turning Toolholders | S-System Aussen-Drehhalter | 87 |
| STFCR/L | S-System External Turning Toolholders | S-System Aussen-Drehhalter | 88 |
| STGCR/L | S-System External Turning Toolholders | S-System Aussen-Drehhalter | 88 |
| STCCN | S-System External Turning Toolholders | S-System Aussen-Drehhalter | 89 |
| STJCR/L | S-System External Turning Toolholders | S-System Aussen-Drehhalter | 89 |
| STUCR/L | S-System External Turning Toolholders | S-System Aussen-Drehhalter | 90 |
| SVACR/L | S-System External Turning Toolholders | S-System Aussen-Drehhalter | 90 |
| SVHBR/L | S-System External Turning Toolholders | S-System Aussen-Drehhalter | 91 |
| SVHCR/L | S-System External Turning Toolholders | S-System Aussen-Drehhalter | 91 |
| SVJBR/L | S-System External Turning Toolholders | S-System Aussen-Drehhalter | 92 |
| SVJCR/L | S-System External Turning Toolholders | S-System Aussen-Drehhalter | 92 |
| SVJCR/L-SHC | S-System Tools For Swiss Type Sliding Automatic Lathes | S-System für Langdrehautomaten | 93 |
| SVVBN | S-System External Turning Toolholders | S-System Aussen-Drehhalter | 93 |

| KOD / CODE | AÇIKLAMA / DESCRIPTION | BESCHREIBUNG | S.N. / P.N. SEITE |
|---|---|---|---|
| SCACR/L-S | S-System Tools For Swiss Type Sliding Automatic Lathes | S-System für Langdrehautomaten | 94 |
| SVVCN | S-System External Turning Toolholders | S-System Aussen-Drehhalter | 94 |
| SCLCR/L-S | S-System Tools For Swiss Type Sliding Automatic Lathes | S-System für Langdrehautomaten | 95 |
| SDACR/L-S | S-System Tools For Swiss Type Sliding Automatic Lathes | S-System für Langdrehautomaten | 95 |
| SDJCR/L-S | S-System Tools For Swiss Type Sliding Automatic Lathes | S-System für Langdrehautomaten | 96 |
| STGCR/L-S | S-System Tools For Swiss Type Sliding Automatic Lathes | S-System für Langdrehautomaten | 96 |
| STGCR/L-SHC | S-System Tools For Swiss Type Sliding Automatic Lathes | S-System für Langdrehautomaten | 97 |
| SVJBR/L-S | S-System Tools For Swiss Type Sliding Automatic Lathes | S-System für Langdrehautomaten | 97 |
| SVACR/L-S | S-System Tools For Swiss Type Sliding Automatic Lathes | S-System für Langdrehautomaten | 98 |
| SVJCR/L-S | S-System Tools For Swiss Type Sliding Automatic Lathes | S-System für Langdrehautomaten | 98 |
| ASTB-H | Sec Tools | Sec Tools | 99 |
| SCLCR/L-H | Sec Tools | Sec Tools | 99 |
| SDJCR/L | Sec Tools | Sec Tools | 100 |
| SDJCR/L-H | Sec Tools | Sec Tools | 100 |
| SVJCR/L | Sec Tools | Sec Tools | 100 |
| SVJCR/L-H | Sec Tools | Sec Tools | 100 |
| SER/L | Sec Tools | Sec Tools | 101 |
| TER/L | Sec Tools | Sec Tools | 101 |
| TCKNR/L | T-System Boring Bars | T-System Bohrstange | 105 |
| TCLNR/L | T-System Boring Bars | T-System Bohrstange | 105 |
| TD-NR/L | T-System Boring Bars | T-System Bohrstange | 106 |
| TDQNR/L | T-System Boring Bars | T-System Bohrstange | 106 |
| TDUNR/L | T-System Boring Bars | T-System Bohrstange | 107 |
| TSKNR/L | T-System Boring Bars | T-System Bohrstange | 107 |
| TT-NR/L | T-System Boring Bars | T-System Bohrstange | 108 |
| TTUNR/L | T-System Boring Bars | T-System Bohrstange | 108 |
| TVUNR/L | T-System Boring Bars | T-System Bohrstange | 109 |
| TWLNR/L | T-System Boring Bars | T-System Bohrstange | 109 |
| CKUNR/L | C-System Boring Bars | C-System Bohrstange | 110 |
| CTFPR/L | C-System Boring Bars | C-System Bohrstange | 110 |
| MCLNR/L | M-System Boring Bars | M-System Bohrstange | 112 |
| MDUNR/L | M-System Boring Bars | M-System Bohrstange | 112 |
| MTFNR/L | M-System Boring Bars | M-System Bohrstange | 113 |
| MT-NR/L | M-System Boring Bars | M-System Bohrstange | 113 |
| MTQNR/L | M-System Boring Bars | M-System Bohrstange | 114 |
| MTUNR/L | M-System Boring Bars | M-System Bohrstange | 114 |
| MWLNR/L | M-System Boring Bars | M-System Bohrstange | 115 |
| PCLNR/L | P-System Boring Bars | P-System Bohrstange | 117 |
| PDQNR/L | P-System Boring Bars | P-System Bohrstange | 118 |
| PDXNR/L | P-System Boring Bars | P-System Bohrstange | 118 |
| PDUNR/L | P-System Boring Bars | P-System Bohrstange | 119 |
| PSKNR/L | P-System Boring Bars | P-System Bohrstange | 120 |
| PTFNR/L | P-System Boring Bars | P-System Bohrstange | 120 |
| PTUNR/L | P-System Boring Bars | P-System Bohrstange | 121 |
| PWLNR/L | P-System Boring Bars | P-System Bohrstange | 122 |
| SCLCR/L | S-System Boring Bars | S-System Bohrstange | 124 |
| SCFCR/L | S-System Boring Bars | S-System Bohrstange | 125 |
| SD-CR/L | S-System Boring Bars | S-System Bohrstange | 125 |
| SDPCR/L | S-System Boring Bars | S-System Bohrstange | 126 |
| SDQCR/L | S-System Boring Bars | S-System Bohrstange | 126 |
| SDUCR/L | S-System Boring Bars | S-System Bohrstange | 127 |
| SDXCR/L | S-System Boring Bars | S-System Bohrstange | 128 |
| SRGCR/L | S-System Boring Bars | S-System Bohrstange | 129 |
| SSSCR/L | S-System Boring Bars | S-System Bohrstange | 129 |
| ST-CR/L | S-System Boring Bars | S-System Bohrstange | 130 |
| STFCR/L | S-System Boring Bars | S-System Bohrstange | 130 |
| STUCR/L | S-System Boring Bars | S-System Bohrstange | 131 |
| STUPR/L | S-System Boring Bars | S-System Bohrstange | 132 |
| SVJBR/L | S-System Boring Bars | S-System Bohrstange | 132 |
| SVQBR/L | S-System Boring Bars | S-System Bohrstange | 133 |
| SVQCR/L | S-System Boring Bars | S-System Bohrstange | 133 |
| SVUBR/L | S-System Boring Bars | S-System Bohrstange | 134 |
| SVUCR/L | S-System Boring Bars | S-System Bohrstange | 134 |
| SVJCR/L | S-System Boring Bars | S-System Bohrstange | 135 |
| SVXBR/L | S-System Boring Bars | S-System Bohrstange | 135 |
| SWLCR/L | S-System Boring Bars | S-System Bohrstange | 136 |
| SWUBR/L | S-System Boring Bars | S-System Bohrstange | 136 |
| SCLCR/L | S-System Carbide Boring Bars | Hartmetall-Bohrstange | 137 |
| SDUCR/L | S-System Carbide Boring Bars | Hartmetall-Bohrstange | 137 |
| STFCR/L | S-System Carbide Boring Bars | Hartmetall-Bohrstange | 138 |
| STUPR/L | S-System Carbide Boring Bars | Hartmetall-Bohrstange | 138 |
| A-SCLCR/L | S-System Boring Bars Sets | S-System Bohrstangen Sets | 139 |
| E-SCLCR/L | S-System Boring Bars Sets | S-System Bohrstangen Sets | 139 |
| S-SCLCR/L | S-System Boring Bars Sets | S-System Bohrstangen Sets | 139 |
| A-SDUCR/L | S-System Boring Bars Sets | S-System Bohrstangen Sets | 140 |
| E-SDUCR/L | S-System Boring Bars Sets | S-System Bohrstangen Sets | 140 |
| S-SDUCR/L | S-System Boring Bars Sets | S-System Bohrstangen Sets | 140 |
| ATTB | Anti Vibration Tools Shank | Schaft für Schwingungs-gedampfte Borstange | 143 |
| ATTC-SCLCR/L | Anti Vibration Tools Cartridges | Wechselkopf für Schwingungsgedampfte Borstange | 144 |
| ATTC-SDUCR/L | Anti Vibration Tools Cartridges | Wechselkopf für Schwingungsgedampfte Borstange | 144 |
| ATTC-STFCR/L | Anti Vibration Tools Cartridges | Wechselkopf für Schwingungsgedampfte Borstange | 145 |
| ATTC-SVUCR/L | Anti Vibration Tools Cartridges | Wechselkopf für Schwingungsgedampfte Borstange | 145 |
| ATTC-TDUNR/L | Anti Vibration Tools Cartridges | Wechselkopf für Schwingungsgedampfte Borstange | 146 |
| ATTC-TTFNR/L | Anti Vibration Tools Cartridges | Wechselkopf für Schwingungsgedampfte Borstange | 146 |
| ATTC | Anti Vibration Tools Cartridges | Wechselkopf für Schwingungsgedampfte Borstange | 147 |
| ATTC-TCLNR/L | Anti Vibration Tools Cartridges | Wechselkopf für Schwingungsgedampfte Borstange | 147 |

| KOD / CODE | AÇIKLAMA / DESCRIPTION | BESCHREIBUNG | S.N. / P.N. SEITE |
|---|---|---|---|
| SCACR/L | S-Type Engine Overhaul Cartridge | S-System Kurzdehhalter für die Motorinstandhaltung | 153 |
| SCMCN | S-Type Rectified Cartridge | S-System Kurzdehhalter für die Motorinstandhaltung | 154 |
| SRSCN | S-Type Rectified Cartridge | S-System Kurzdehhalter für die Motorinstandhaltung | 154 |
| SCFCR/L | S-Type Rectified Cartridge | S-System Kurzdehhalter für die Motorinstandhaltung | 155 |
| STXCR/L | S-Type Rectified Cartridge | S-System Kurzdehhalter für die Motorinstandhaltung | 155 |
| SCLCR/L | S-System Cartridge | S-System Kurzdrehhalter | 156 |
| SCSCR/L | S-System Cartridge | S-System Kurzdrehhalter | 156 |
| SDJCR/L | S-System Cartridge | S-System Kurzdrehhalter | 157 |
| SSKCR/L | S-System Cartridge | S-System Kurzdrehhalter | 157 |
| STFCR/L | S-System Cartridge | S-System Kurzdrehhalter | 158 |
| STSCR/L | S-System Cartridge | S-System Kurzdrehhalter | 158 |
| STTCR/L | S-System Cartridge | S-System Kurzdrehhalter | 159 |
| PSKNR/L | S-System Cartridge | P-System Kurzdrehhalter | 160 |
| PSRNR/L | S-System Cartridge | P-System Kurzdrehhalter | 160 |
| PTFNR/L | S-System Cartridge | P-System Kurzdrehhalter | 161 |
| PTGNR/L | S-System Cartridge | P-System Kurzdrehhalter | 161 |
| PSDNN | S-System Cartridge | P-System Kurzdrehhalter | 162 |
| ACPBT | Pipe Beveling and Chamfering Tools | Rohrenden-Anfaswerkzeuge | 163 |
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| ADKT-K-...-K-S | Grooving Toolholders-KRLY | Stechhalter-KRLY | 193 |
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| AEMR-RD | Milling Tools-ISO | Fraswerkzeuge-ISO | 295 |
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| AFMRC-RD | Milling Tools-ISO | Fraswerkzeuge-ISO | 297 |
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| AFMR-RD-...-H | Milling Tools-ISO | Fraswerkzeuge-ISO | 297 |
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| AEM90-ZP | Milling Tools-DJT | Fraswerkzeuge-DJT | 313 |
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| AFM90-ZN-...-H | Milling Tools-DJT | Fraswerkzeuge-DJT | 315 |
| AFM90-ZO-...-H | Milling Tools-DJT | Fraswerkzeuge-DJT | 316 |
| AHFM-YP | Milling Tools-DJT | Fraswerkzeuge-DJT | 317 |
| AHFM-YP-...-F | Milling Tools-DJT | Fraswerkzeuge-DJT | 317 |
| AHFM-YP-...-H | Milling Tools-DJT | Fraswerkzeuge-DJT | 317 |
| AHFM-EP | Milling Tools-DJT | Fraswerkzeuge-DJT | 318 |
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| AEM90-ZC | Milling Tools-DJT | Fraswerkzeuge-DJT | 320 |
| AEM90-ZN | Milling Tools-DJT | Fraswerkzeuge-DJT | 321 |
| AHFM-EO | Milling Tools-DJT | Fraswerkzeuge-DJT | 321 |
| AHFM-EN | Milling Tools-DJT | Fraswerkzeuge-DJT | 322 |
| AHFM-EN-...-H | Milling Tools-DJT | Fraswerkzeuge-DJT | 322 |
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| AHFM-WD | Milling Tools-DJT | Fraswerkzeuge-DJT | 326 |
| AHFM-YO-...-F | Milling Tools-DJT | Fraswerkzeuge-DJT | 326 |
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| AFM90-SD-...-H | Milling Tools-KRLY | Fraswerkzeuge-KRLY | 353 |
| AFM90-WN | Milling Tools-KRLY | Fraswerkzeuge-KRLY | 354 |
| AFM90-WN-...-H | Milling Tools-KRLY | Fraswerkzeuge-KRLY | 354 |
| AFM90-XE-...-H | Milling Tools-KRLY | Fraswerkzeuge-KRLY | 354 |
| AEM90-BD | Milling Tools-KYCR | Fraswerkzeuge-KYCR | 355 |
| AEM90-BD-...-H | Milling Tools-KYCR | Fraswerkzeuge-KYCR | 355 |
| AFM90-BD-...-H | Milling Tools-KYCR | Fraswerkzeuge-KYCR | 356 |
| AEM90-LO | Milling Tools-KYCR | Fraswerkzeuge-KYCR | 357 |

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| AEMR-RP | Milling Tools-KYCR | Fraswerkzeuge-KYCR | 357 |
| AEMR-RP-...-H | Milling Tools-KYCR | Fraswerkzeuge-KYCR | 358 |
| AHFM-LO-...-F | Milling Tools-KYCR | Fraswerkzeuge-KYCR | 358 |
| AHFM-LO-...-H | Milling Tools-KYCR | Fraswerkzeuge-KYCR | 358 |
| AHFM-LO-...-H | Milling Tools-KYCR | Fraswerkzeuge-KYCR | 359 |
| AHFM-LO-...-H-F | Milling Tools-KYCR | Fraswerkzeuge-KYCR | 359 |
| AHFM-LP | Milling Tools-KYCR | Fraswerkzeuge-KYCR | 360 |
| AHFM-SO-...-H | Milling Tools-KYCR | Fraswerkzeuge-KYCR | 360 |
| AFM66-PN | Milling Tools-KYCR | Fraswerkzeuge-KYCR | 361 |
| AFM88-SN | Milling Tools-KYCR | Fraswerkzeuge-KYCR | 362 |
| AFM90-LO-...-H | Milling Tools-KYCR | Fraswerkzeuge-KYCR | 363 |
| AFM88C-SN | Milling Tools-KYCR | Fraswerkzeuge-KYCR | 363 |
| AFM90-WN-...-H | Milling Tools-KYCR | Fraswerkzeuge-KYCR | 363 |
| AEM90-AP | Milling Tools-LMN | Fraswerkzeuge-LMN | 364 |
| AEM90-AP-...-H | Milling Tools-LMN | Fraswerkzeuge-LMN | 364 |
| AFM90-AP-...-H | Milling Tools-LMN | Fraswerkzeuge-LMN | 365 |
| AFM43C-OD | Milling Tools-LMN | Fraswerkzeuge-LMN | 366 |
| AFM43C-OD-...-H | Milling Tools-LMN | Fraswerkzeuge-LMN | 366 |
| AFM45C-SN | Milling Tools-LMN | Fraswerkzeuge-LMN | 367 |
| AFM45C-SN-...-H | Milling Tools-LMN | Fraswerkzeuge-LMN | 367 |
| AEM90-AO | Milling Tools-MTSBH | Fraswerkzeuge-MTSBH | 368 |
| AEM90-AO-...-H | Milling Tools-MTSBH | Fraswerkzeuge-MTSBH | 368 |
| AEM90-LO-...-H | Milling Tools-MTSBH | Fraswerkzeuge-MTSBH | 369 |
| AFM90-AO-...-H | Milling Tools-MTSBH | Fraswerkzeuge-MTSBH | 369 |
| AFM90-LO-...-H | Milling Tools-MTSBH | Fraswerkzeuge-MTSBH | 370 |
| ADM90-QO | Milling Tools-MTSBH | Fraswerkzeuge-MTSBH | 370 |
| ADM90-QO-...-H | Milling Tools-MTSBH | Fraswerkzeuge-MTSBH | 370 |
| AEMR-RP | Milling Tools-MTSBH | Fraswerkzeuge-MTSBH | 371 |
| AEMR-RP-...-H | Milling Tools-MTSBH | Fraswerkzeuge-MTSBH | 371 |
| AFMR-RP-...-H | Milling Tools-MTSBH | Fraswerkzeuge-MTSBH | 372 |
| AHFMC-JD | Milling Tools-MTSBH | Fraswerkzeuge-MTSBH | 372 |
| AHFMC-JD-...-H | Milling Tools-MTSBH | Fraswerkzeuge-MTSBH | 373 |
| AHFM-SP-...-H | Milling Tools-MTSBH | Fraswerkzeuge-MTSBH | 374 |
| AFM50-NN | Milling Tools-MTSBH | Fraswerkzeuge-MTSBH | 376 |
| AFM50-NN-...-H | Milling Tools-MTSBH | Fraswerkzeuge-MTSBH | 376 |
| AFM45-NN | Milling Tools-MTSBH | Fraswerkzeuge-MTSBH | 376 |
| AFM45-NN-...-H | Milling Tools-MTSBH | Fraswerkzeuge-MTSBH | 376 |
| AFM45S-SE | Milling Tools-MTSBH | Fraswerkzeuge-MTSBH | 377 |
| AFM45S-SE-...-H | Milling Tools-MTSBH | Fraswerkzeuge-MTSBH | 377 |
| AFM90-6N | Milling Tools-MTSBH | Fraswerkzeuge-MTSBH | 378 |
| AFM90-6N-...-H | Milling Tools-MTSBH | Fraswerkzeuge-MTSBH | 378 |
| AHFM-JO | Milling Tools-MTSBH | Fraswerkzeuge-MTSBH | 378 |
| AHFM-JO-...-H | Milling Tools-MTSBH | Fraswerkzeuge-MTSBH | 378 |
| AFM45C-SN | Milling Tools-NTK | Fraswerkzeuge-NTK | 379 |
| AFM75CS-SN | Milling Tools-NTK | Fraswerkzeuge-NTK | 380 |
| AFM88C-SN | Milling Tools-NTK | Fraswerkzeuge-NTK | 380 |
| AFM88CS-SN | Milling Tools-NTK | Fraswerkzeuge-NTK | 380 |
| AEM90-AP | Milling Tools-OKE | Fraswerkzeuge-OKE | 381 |
| AEM90-AP | Milling Tools-PLBT | Fraswerkzeuge-PLBT | 382 |
| AEM90-AP | Milling Tools-OKE | Fraswerkzeuge-OKE | 381 |
| AEM90-AP | Milling Tools-PLBT | Fraswerkzeuge-PLBT | 382 |

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| AHFM-XN-...-H | Milling Tools-PLBT | Fraswerkzeuge-PLBT | 384 |
| AFM45C-SN | Milling Tools-PLBT | Fraswerkzeuge-PLBT | 384 |
| AFM45C-SN-...-H | Milling Tools-PLBT | Fraswerkzeuge-PLBT | 384 |
| AFM44-ON-...-H | Milling Tools-PLBT | Fraswerkzeuge-PLBT | 385 |
| AHFM-SO-...-H | Milling Tools-PLBT | Fraswerkzeuge-PLBT | 385 |
| AHFM-SP-...-H | Milling Tools-PLBT | Fraswerkzeuge-PLBT | 386 |
| AEM90-AD-...-H | Milling Tools-PLBT | Fraswerkzeuge-PLBT | 387 |
| AHFM-XN-...-H | Milling Tools-PLBT | Fraswerkzeuge-PLBT | 387 |
| AEM90-AD-...-H | Milling Tools-PRMT | Fraswerkzeuge-PRMT | 387 |
| AFM45-HN | Milling Tools-PRMT | Fraswerkzeuge-PRMT | 389 |
| AFM45-HN-...-H | Milling Tools-PRMT | Fraswerkzeuge-PRMT | 389 |
| AFM90-AD-...-H | Milling Tools-PRMT | Fraswerkzeuge-PRMT | 389 |
| AEM90-AD-...-H | Milling Tools-PRMT | Fraswerkzeuge-PRMT | 390 |
| AEM90-RT | Milling Tools-PRMT | Fraswerkzeuge-PRMT | 391 |
| AEM90-RT-...-H | Milling Tools-PRMT | Fraswerkzeuge-PRMT | 392 |
| AFM90-RT | Milling Tools-PRMT | Fraswerkzeuge-PRMT | 392 |
| AFM90-RT-...-H | Milling Tools-PRMT | Fraswerkzeuge-PRMT | 392 |
| AEM90-TNG | Milling Tools-PRMT | Fraswerkzeuge-PRMT | 393 |
| AEM90-TNG-...-H | Milling Tools-PRMT | Fraswerkzeuge-PRMT | 393 |
| AFM90-TNG-...-H | Milling Tools-PRMT | Fraswerkzeuge-PRMT | 395 |
| AHFM-BN-...-H | Milling Tools-PRMT | Fraswerkzeuge-PRMT | 396 |
| AHFM-SN-...-H | Milling Tools-PRMT | Fraswerkzeuge-PRMT | 397 |
| AEM90-XC | Milling Tools-SC | Fraswerkzeuge-SC | 398 |
| AEM90-XO | Milling Tools-SC | Fraswerkzeuge-SC | 398 |
| AEM90-XO-...-H | Milling Tools-SC | Fraswerkzeuge-SC | 398 |
| AFM75-XO-...-H | Milling Tools-SC | Fraswerkzeuge-SC | 399 |
| AFM90-XO-...-H | Milling Tools-SC | Fraswerkzeuge-SC | 399 |
| AEM90-XN-...-H | Milling Tools-SC | Fraswerkzeuge-SC | 400 |
| AFM88-SN-...-H | Milling Tools-SC | Fraswerkzeuge-SC | 401 |
| AFM90-XN-...-H | Milling Tools-SC | Fraswerkzeuge-SC | 401 |
| AFM90-LO-...-H | Milling Tools-SC | Fraswerkzeuge-SC | 402 |
| AEM90-RT | Milling Tools-SFTY | Fraswerkzeuge-SFTY | 403 |
| AEM90-RT-...-H | Milling Tools-SFTY | Fraswerkzeuge-SFTY | 403 |
| AFM90-RT | Milling Tools-SFTY | Fraswerkzeuge-SFTY | 404 |
| AFM90-RT-...-H | Milling Tools-SFTY | Fraswerkzeuge-SFTY | 404 |
| AEM90-AP | Milling Tools-SMTM | Fraswerkzeuge-SMTM | 405 |
| AEM90-AX | Milling Tools-SMTM | Fraswerkzeuge-SMTM | 406 |
| AEM90-AX-...-H | Milling Tools-SMTM | Fraswerkzeuge-SMTM | 407 |
| AFM90-AX-...-H | Milling Tools-SMTM | Fraswerkzeuge-SMTM | 407 |
| AEM90-SO-...-H | Milling Tools-SMTM | Fraswerkzeuge-SMTM | 408 |
| AEMR-QP | Milling Tools-SMTM | Fraswerkzeuge-SMTM | 408 |
| AEMR-QP-...-H | Milling Tools-SMTM | Fraswerkzeuge-SMTM | 408 |
| AFMR-QP-...-H | Milling Tools-SMTM | Fraswerkzeuge-SMTM | 409 |
| AHFM-LN-...-H | Milling Tools-SMTM | Fraswerkzeuge-SMTM | 410 |
| AHFM-WD | Milling Tools-SMTM | Fraswerkzeuge-SMTM | 410 |
| AHFMC-WD-...-H | Milling Tools-SMTM | Fraswerkzeuge-SMTM | 411 |
| AEM90-R390 | Milling Tools-SNDVK | Fraswerkzeuge-SNDVK | 412 |
| AEM90-R390-...-H | Milling Tools-SNDVK | Fraswerkzeuge-SNDVK | 412 |
| AFM45-SE-...-H | Milling Tools-SMTM | Fraswerkzeuge-SMTM | 414 |
| AFM45-SE | Milling Tools-SNDVK | Fraswerkzeuge-SNDVK | 414 |

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| AFM90-R390 | Milling Tools-SNDVK | Fraswerkzeuge-SNDVK | 414 |
| AFM90-R390-...-H | Milling Tools-SNDVK | Fraswerkzeuge-SNDVK | 414 |
| AFM90-490 | Milling Tools-SNDVK | Fraswerkzeuge-SNDVK | 415 |
| AFM90-490-...-H | Milling Tools-SNDVK | Fraswerkzeuge-SNDVK | 415 |
| AFM90-R290 | Milling Tools-SNDVK | Fraswerkzeuge-SNDVK | 415 |
| AFM90-R290-...-H | Milling Tools-SNDVK | Fraswerkzeuge-SNDVK | 415 |
| AFM90-SP-...-H | Milling Tools-SNDVK | Fraswerkzeuge-SNDVK | 416 |
| AFMR-RC-...-H | Milling Tools-SNDVK | Fraswerkzeuge-SNDVK | 416 |
| AEM90-AN | Milling Tools-TGTC | Fraswerkzeuge-TGTC | 417 |
| AEM90-AX | Milling Tools-TGTC | Fraswerkzeuge-TGTC | 417 |
| AEM90-AX-...-H | Milling Tools-TGTC | Fraswerkzeuge-TGTC | 417 |
| AEM90-4N06 | Milling Tools-TGTC | Fraswerkzeuge-TGTC | 418 |
| AEM90-4N06-...-H | Milling Tools-TGTC | Fraswerkzeuge-TGTC | 418 |
| AFM90-AN | Milling Tools-TGTC | Fraswerkzeuge-TGTC | 418 |
| AFM90-AN-...-H | Milling Tools-TGTC | Fraswerkzeuge-TGTC | 418 |
| AEM90-AP | Milling Tools-TGTC | Fraswerkzeuge-TGTC | 419 |
| AEM90-AP-...-H | Milling Tools-TGTC | Fraswerkzeuge-TGTC | 419 |
| AFM90-4N06-...-H | Milling Tools-TGTC | Fraswerkzeuge-TGTC | 419 |
| AEM90-3P | Milling Tools-TGTC | Fraswerkzeuge-TGTC | 420 |
| AEM90-3P-...-H | Milling Tools-TGTC | Fraswerkzeuge-TGTC | 420 |
| AFM90-3P | Milling Tools-TGTC | Fraswerkzeuge-TGTC | 421 |
| AFM90-3P-...-H | Milling Tools-TGTC | Fraswerkzeuge-TGTC | 421 |
| AEMR-RY | Milling Tools-TGTC | Fraswerkzeuge-TGTC | 422 |
| AEMR-RY-...-H | Milling Tools-TGTC | Fraswerkzeuge-TGTC | 422 |
| AFMR-RY-...-H | Milling Tools-TGTC | Fraswerkzeuge-TGTC | 423 |
| AHFM-BL | Milling Tools-TGTC | Fraswerkzeuge-TGTC | 424 |
| AHFM-BL-...-H | Milling Tools-TGTC | Fraswerkzeuge-TGTC | 424 |
| AFM90-AP-...-H | Milling Tools-TGTC | Fraswerkzeuge-TGTC | 426 |
| AHM90-AP-...-H | Milling Tools-TGTC | Fraswerkzeuge-TGTC | 426 |
| AFM45-SN-...-H | Milling Tools-TGTC | Fraswerkzeuge-TGTC | 427 |
| AFM45-XN | Milling Tools-TGTC | Fraswerkzeuge-TGTC | 428 |
| AFM45-XN-...-H | Milling Tools-TGTC | Fraswerkzeuge-TGTC | 428 |
| AFM88-SN-...-H | Milling Tools-TGTC | Fraswerkzeuge-TGTC | 428 |
| AFM90-TN | Milling Tools-TGTC | Fraswerkzeuge-TGTC | 429 |
| AFM90-TN-...-H | Milling Tools-TGTC | Fraswerkzeuge-TGTC | 429 |
| AFM90-TP | Milling Tools-TGTC | Fraswerkzeuge-TGTC | 429 |
| AHFM-LN | Milling Tools-TNGLY | Fraswerkzeuge-TNGLY | 430 |
| AHFM-LN-...-H | Milling Tools-TNGLY | Fraswerkzeuge-TNGLY | 430 |
| ATSM90-SP | Milling Tools-TGTC | Fraswerkzeuge-TGTC | 430 |
| AFM88C-SN | Milling Tools-UNIN | Fraswerkzeuge-UNIN | 432 |
| AFM90-TN | Milling Tools-TNGLY | Fraswerkzeuge-TNGLY | 432 |
| AFM90-TN-...-H | Milling Tools-TNGLY | Fraswerkzeuge-TNGLY | 432 |
| AHFM-XD-...-H | Milling Tools-WDA | Fraswerkzeuge-WDA | 433 |
| ATM-3BEI-...-H | Milling Tools-VRGS | Fraswerkzeuge-VRGS | 433 |
| AFM45-HN | Milling Tools-WDA | Fraswerkzeuge-WDA | 434 |
| AFM45-HN-...-H | Milling Tools-WDA | Fraswerkzeuge-WDA | 434 |
| AEM90-AD | Milling Tools-WLTR | Fraswerkzeuge-WLTR | 435 |
| AEM90-AD-...-H | Milling Tools-WLTR | Fraswerkzeuge-WLTR | 435 |
| AFM90-AD-...-H | Milling Tools-WLTR | Fraswerkzeuge-WLTR | 436 |
| APMR-P32 | Milling Tools-WLTR | Fraswerkzeuge-WLTR | 436 |

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| AFM43-OD-...-H | Milling Tools-WLTR | Fraswerkzeuge-WLTR | 437 |
| AFM43C-OD-...-H | Milling Tools-WLTR | Fraswerkzeuge-WLTR | 438 |
| AFM45C-SN | Milling Tools-WLTR | Fraswerkzeuge-WLTR | 438 |
| AFM45C-SN-...-H | Milling Tools-WLTR | Fraswerkzeuge-WLTR | 438 |
| AFM90-LN-...-H | Milling Tools-WLTR | Fraswerkzeuge-WLTR | 439 |
| AEMR-RO-...-H | Milling Tools-WLTR | Fraswerkzeuge-WLTR | 440 |
| AFMRC-RO-...-H | Milling Tools-WLTR | Fraswerkzeuge-WLTR | 440 |
| AEM90-AN | Milling Tools-XTC-GSC | Fraswerkzeuge-XTC-GSC | 441 |
| AFM90-AN-...-H | Milling Tools-XTC-GSC | Fraswerkzeuge-XTC-GSC | 441 |
| AEM90-AP | Milling Tools-XTC-GSC | Fraswerkzeuge-XTC-GSC | 442 |
| AEM90-AP-...-H | Milling Tools-XTC-GSC | Fraswerkzeuge-XTC-GSC | 442 |
| AEM90-LN | Milling Tools-XTC-GSC | Fraswerkzeuge-XTC-GSC | 442 |
| AEM90-WNG-...-H | Milling Tools-XTC-GSC | Fraswerkzeuge-XTC-GSC | 443 |
| AFM90-LN | Milling Tools-XTC-GSC | Fraswerkzeuge-XTC-GSC | 443 |
| AFM90-WNG-...-H | Milling Tools-XTC-GSC | Fraswerkzeuge-XTC-GSC | 443 |
| AEM90-AP | Milling Tools-YG | Fraswerkzeuge-YG | 444 |
| AEM90-AP-...-H | Milling Tools-YG | Fraswerkzeuge-YG | 444 |
| AEM90-AN | Milling Tools-ZCC | Fraswerkzeuge-ZCC | 445 |
| AFM90-AP-...-H | Milling Tools-YG | Fraswerkzeuge-YG | 445 |
| AEM90-SE | Milling Tools-ZCC | Fraswerkzeuge-ZCC | 446 |
| AEM90-SE-...-H | Milling Tools-ZCC | Fraswerkzeuge-ZCC | 446 |
| AFM90-AN-...-H | Milling Tools-ZCC | Fraswerkzeuge-ZCC | 446 |
| AFM90-SE | Milling Tools-ZCC | Fraswerkzeuge-ZCC | 447 |
| AFM90-SE-...-H | Milling Tools-ZCC | Fraswerkzeuge-ZCC | 447 |
| AEM90-AP | Milling Tools-ZCC | Fraswerkzeuge-ZCC | 448 |
| AEM90-AP-...-H | Milling Tools-ZCC | Fraswerkzeuge-ZCC | 448 |
| AEM90-AZ | Milling Tools-ZCC | Fraswerkzeuge-ZCC | 450 |
| AEM90-SPGT | Milling Tools-ZCC | Fraswerkzeuge-ZCC | 451 |
| ATSM90-SPGT | Milling Tools-ZCC | Fraswerkzeuge-ZCC | 451 |
| ATSM90-SPGT-...-H | Milling Tools-ZCC | Fraswerkzeuge-ZCC | 451 |
| ACM45-SP | Milling Tools-ZCC | Fraswerkzeuge-ZCC | 452 |
| ASDM-SPGT | Milling Tools-ZCC | Fraswerkzeuge-ZCC | 452 |
| AEM90-WN-...-H | Milling Tools-ZCC | Fraswerkzeuge-ZCC | 453 |
| AFM90-WN | Milling Tools-ZCC | Fraswerkzeuge-ZCC | 454 |
| AFM90-WN-...-H | Milling Tools-ZCC | Fraswerkzeuge-ZCC | 454 |
| AHFMC-SD-...-H | Milling Tools-ZCC | Fraswerkzeuge-ZCC | 455 |
| AHFM-SD | Milling Tools-ZCC | Fraswerkzeuge-ZCC | 455 |
| AEMR-RC-...-H | Milling Tools-ZCC | Fraswerkzeuge-ZCC | 456 |
| APMR-RO | Milling Tools-ZCC | Fraswerkzeuge-ZCC | 457 |
| APMR-XP | Milling Tools-ZCC | Fraswerkzeuge-ZCC | 458 |
| AFM43-ON | Milling Tools-ZCC | Fraswerkzeuge-ZCC | 459 |
| AFM43-ON-...-H | Milling Tools-ZCC | Fraswerkzeuge-ZCC | 459 |
| AFM45-SE | Milling Tools-ZCC | Fraswerkzeuge-ZCC | 459 |
| AFM45-SE-...-H | Milling Tools-ZCC | Fraswerkzeuge-ZCC | 459 |
| AFM67-PN | Milling Tools-ZCC | Fraswerkzeuge-ZCC | 461 |
| AFM90-LN | Milling Tools-ZCC | Fraswerkzeuge-ZCC | 461 |
| AFM90-LN-...-H | Milling Tools-ZCC | Fraswerkzeuge-ZCC | 461 |
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| AG-01 | Cooler Hose Sets | Kühlerschlauchsatze | 48 |
| AH-1-250 | Cooler Hose Sets | Kühlerschlauchsatze | 48 |
| AH-2-250 | Cooler Hose Sets | Kühlerschlauchsatze | 48 |
| AH-3-250 | Cooler Hose Sets | Kühlerschlauchsatze | 48 |
| AMP-01 | Cooler Hose Sets | Kühlerschlauchsatze | 48 |
| AMP-02 | Cooler Hose Sets | Kühlerschlauchsatze | 48 |
| AMP-03 | Cooler Hose Sets | Kühlerschlauchsatze | 48 |
| AMP-04 | Cooler Hose Sets | Kühlerschlauchsatze | 48 |
| AMP-05 | Cooler Hose Sets | Kühlerschlauchsatze | 48 |
| 2705-G1/8-5.5 | Cooler Hose Sets | Kühlerschlauchsatze | 48 |
| AACN | Spare Parts | Ersatzteile | 468 |
| AADN | Spare Parts | Ersatzteile | 468 |
| AARC | Spare Parts | Ersatzteile | 468 |
| AASD | Spare Parts | Ersatzteile | 468 |
| AASE | Spare Parts | Ersatzteile | 468 |
| AASN | Spare Parts | Ersatzteile | 468 |
| AATN | Spare Parts | Ersatzteile | 468 |
| AAVN | Spare Parts | Ersatzteile | 468 |
| AAWN | Spare Parts | Ersatzteile | 468 |
| AKS | Spare Parts | Ersatzteile | 468 |
| ATS | Spare Parts | Ersatzteile | 468 |
| ACK | Spare Parts | Ersatzteile | 469 |
| AMK | Spare Parts | Ersatzteile | 469 |
| ATK | Spare Parts | Ersatzteile | 469 |
| ATKH | Spare Parts | Ersatzteile | 469 |
| AKV | Spare Parts | Ersatzteile | 470 |
| AN | Spare Parts | Ersatzteile | 470 |
| AAV | Spare Parts | Ersatzteile | 471 |
| AKV | Spare Parts | Ersatzteile | 471 |
| ACP | Spare Parts | Ersatzteile | 472 |
| AKY | Spare Parts | Ersatzteile | 472 |
| 1904 | Spare Parts | Ersatzteile | 473 |
| 2004 | Spare Parts | Ersatzteile | 473 |
| ALV | Spare Parts | Ersatzteile | 473 |
| APL | Spare Parts | Ersatzteile | 473 |
| AAY | Spare Parts | Ersatzteile | 474 |
| APM | Spare Parts | Ersatzteile | 474 |
| 1204 | Spare Parts | Ersatzteile | 475 |
| 1208 | Spare Parts | Ersatzteile | 475 |
| 1210 | Spare Parts | Ersatzteile | 475 |
| 1215 | Spare Parts | Ersatzteile | 475 |
| 1215 | Spare Parts | Ersatzteile | 475 |
| 1220 | Spare Parts | Ersatzteile | 475 |
| AEV | Spare Parts | Ersatzteile | 475 |
| ACS | Spare Parts | Ersatzteile | 479 |
| AS | Spare Parts | Ersatzteile | 479 |
| ABKS | Spare Parts | Ersatzteile | 480 |
| ABPL | Spare Parts | Ersatzteile | 480 |
| AOR | Spare Parts | Ersatzteile | 480 |
| AXR | Spare Parts | Ersatzteile | 480 |
| 82-T | Spare Parts | Ersatzteile | 481 |

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| AAL | Spare Parts | Ersatzteile | 481 |
| ABK | Spare Parts | Ersatzteile | 481 |
| ALA | Spare Parts | Ersatzteile | 481 |
| 1008 | Spare Parts | Ersatzteile | 476-479 |
| 1008 | Spare Parts | Ersatzteile | 476-479 |
| 1015 | Spare Parts | Ersatzteile | 476-479 |
| 1015 | Spare Parts | Ersatzteile | 476-479 |
| 1020 | Spare Parts | Ersatzteile | 476-479 |
| 1020 | Spare Parts | Ersatzteile | 476-479 |
| 1020 | Spare Parts | Ersatzteile | 476-479 |
| 1108 | Spare Parts | Ersatzteile | 476-479 |
| 1108 | Spare Parts | Ersatzteile | 476-479 |
| 1115 | Spare Parts | Ersatzteile | 476-479 |
| 1120 | Spare Parts | Ersatzteile | 476-479 |
| 1120 | Spare Parts | Ersatzteile | 476-479 |
| 1315 | Spare Parts | Ersatzteile | 476-479 |
| 1315 | Spare Parts | Ersatzteile | 476-479 |
| 1415 | Spare Parts | Ersatzteile | 476-479 |
| 1420 | Spare Parts | Ersatzteile | 476-479 |
| 1510 | Spare Parts | Ersatzteile | 476-479 |
| 1515 | Spare Parts | Ersatzteile | 476-479 |
| 1520 | Spare Parts | Ersatzteile | 476-479 |
| 1615 | Spare Parts | Ersatzteile | 476-479 |
| 1615 | Spare Parts | Ersatzteile | 476-479 |
| 1615 | Spare Parts | Ersatzteile | 476-479 |
| 1707 | Spare Parts | Ersatzteile | 476-479 |
| 1710 | Spare Parts | Ersatzteile | 476-479 |
| 1720 | Spare Parts | Ersatzteile | 476-479 |
| 2306 | Spare Parts | Ersatzteile | 476-479 |
| 2405 | Spare Parts | Ersatzteile | 476-479 |
| 2406 | Spare Parts | Ersatzteile | 476-479 |
| 2407 | Spare Parts | Ersatzteile | 476-479 |
| 2408 | Spare Parts | Ersatzteile | 476-479 |
| 2408 | Spare Parts | Ersatzteile | 476-479 |
| 2503 | Spare Parts | Ersatzteile | 476-479 |
| 2504 | Spare Parts | Ersatzteile | 476-479 |
| 2505 | Spare Parts | Ersatzteile | 476-479 |
| 2506 | Spare Parts | Ersatzteile | 476-479 |
| 2508 | Spare Parts | Ersatzteile | 476-479 |
| 2510 | Spare Parts | Ersatzteile | 476-479 |
| 2514 | Spare Parts | Ersatzteile | 476-479 |
| 2525 | Spare Parts | Ersatzteile | 476-479 |
| 2600 | Spare Parts | Ersatzteile | 476-479 |
| 2702 | Spare Parts | Ersatzteile | 476-479 |
| 2703 | Spare Parts | Ersatzteile | 476-479 |
| 2704 | Spare Parts | Ersatzteile | 476-479 |
| 2705 | Spare Parts | Ersatzteile | 476-479 |
| 2715 | Spare Parts | Ersatzteile | 476-479 |
| 2725 | Spare Parts | Ersatzteile | 476-479 |
| 3006 | Spare Parts | Ersatzteile | 476-479 |
| 3007 | Spare Parts | Ersatzteile | 476-479 |

| KOD / CODE | AÇIKLAMA / DESCRIPTION | BESCHREIBUNG | S.N. / P.N. SEITE |
|---|---|---|---|
| 3008 | Spare Parts | Ersatzteile | 476-479 |
| 3008 | Spare Parts | Ersatzteile | 476-479 |
| 3010 | Spare Parts | Ersatzteile | 476-479 |
| 3015 | Spare Parts | Ersatzteile | 476-479 |
| 3015 | Spare Parts | Ersatzteile | 476-479 |
| 3108 | Spare Parts | Ersatzteile | 476-479 |
| 4006 | Spare Parts | Ersatzteile | 476-479 |
| 4008 | Spare Parts | Ersatzteile | 476-479 |
| 4008 | Spare Parts | Ersatzteile | 476-479 |
| 4010 | Spare Parts | Ersatzteile | 476-479 |

| KOD / CODE | AÇIKLAMA / DESCRIPTION | BESCHREIBUNG | S.N. / P.N. SEITE |
|---|---|---|---|
| 4015 | Spare Parts | Ersatzteile | 476-479 |
| 4015 | Spare Parts | Ersatzteile | 476-479 |
| 4015 | Spare Parts | Ersatzteile | 476-479 |
| 4020 | Spare Parts | Ersatzteile | 476-479 |
| 4108 | Spare Parts | Ersatzteile | 476-479 |
| 4115 | Spare Parts | Ersatzteile | 476-479 |
| 4420 | Spare Parts | Ersatzteile | 476-479 |
| 4515 | Spare Parts | Ersatzteile | 476-479 |
| 4615 | Spare Parts | Ersatzteile | 476-479 |
| | | | |

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