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

# 2022 KATALOĞU CATALOGUE KATALOG

*Kesici Uç ve Bağlama Sistemleri*
*Cutting Inserts and Connection Systems*
*Trägerwerkzeuge für Wendeschneidplatten*

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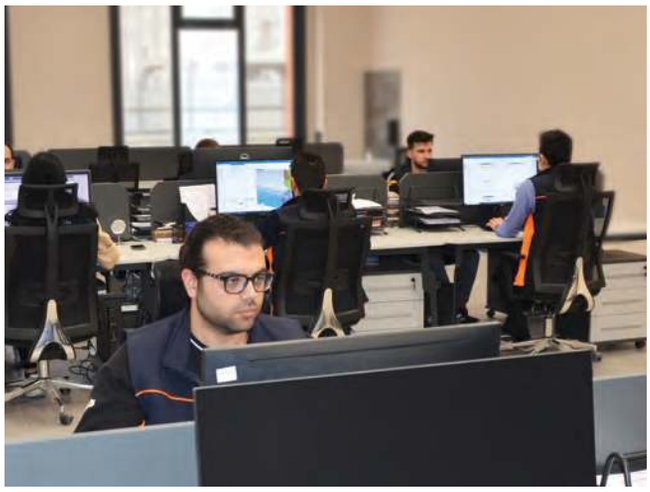


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# konuşulan kalite • the spoken quality • qualität über die man spricht







1986 yılında Abdullah KARAKUŞ tarafından kurulan AKKO Oto. Mak. Hırd. San. Tic. Ltd. Şti. Tornalama Takımları, Diş ve Kanal Açma Takımları, Delik Delme Takımları, Frezeleme Takımları ve talebe yönelik Özel Takımları üretmektedir. Şu an 39.000 m²' ye yakın bir alanda Türkiye, Japonya, Almanya, İsviçre gibi ülkelerin ürettikleri son teknoloji tezgah ve ekipmanlarıyla yıllık 400.000 adet üretim kapasitesiyle, standart 10.000 çeşit takım üretimi yapmaktadır. Avrupa, Asya, Afrika, Güney Amerika, Kuzey Amerika ve Orta Doğu kıtalarında şimdilik 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.

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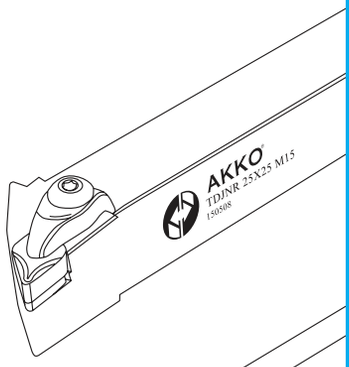
We as AKKO Oto. Mak. Hırd. San. Tic. Ltd. Şti, which has been founded by Abdullah KARAKUŞ in 1986, produces Turning Tool Holders, Threading and Grooving Tool Holders, U-Drills, Milling Tool Holders, and Precision Tool Holders ( OEM Tool Holders ) on-demand. We produce standard 10.000 kinds of tool holders with a production capacity of 400.000 pieces per annum in an area of about 39.000 square meters. We are going on exporting to 90 countries including European, Asian, African, South American Countries, North American Countries, and Middle East 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.

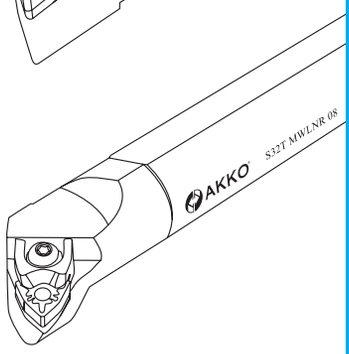
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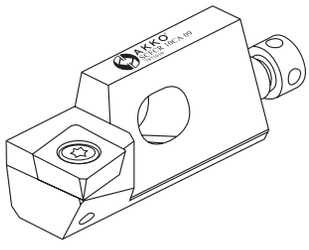
Wir die Firma AKKO Oto. Mak. Hırd. San. Tic. Ltd. Şti, welches durch Herrn Abdullah Karakuş in 1986 gegründet wurde, produzieren Dreh-, Gewinde- und Stechwerkzeuge für Wendeschneidplatten. Ebenso gehören Wendeplattenbohrer, Wendeplattenfräser und Sonderwerkzeuge nach Anfrage für Wendeplatten zum Lieferprogramm. Alle Werkzeuge sind auch als OEM-Version lieferbar. Wir produzieren 10.000 standart Arten der Werkzeughalter mit einer Produktionskapazität von 400.000 Stücken per anum auf einer Fläche von 39.000 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 einzelenen Produktionsschritte wie z.B. mechanische Bearbeitung, Wärmebehandlung und Beschichtung unserer Werkzeuge erfolgen auf unseren eigenen Maschinenanlagen.

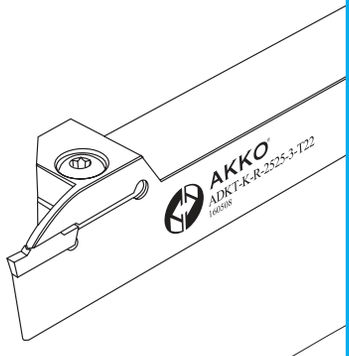
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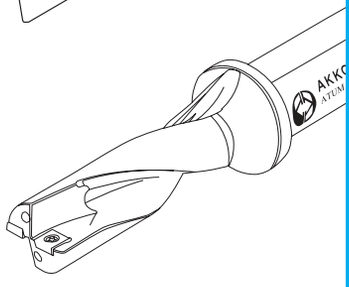

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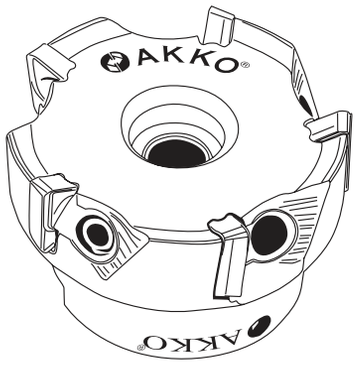



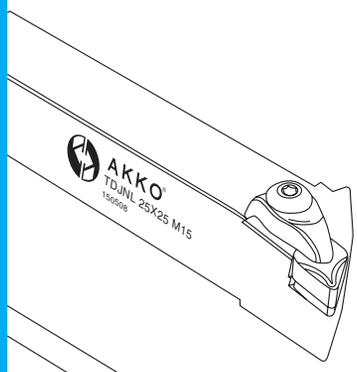



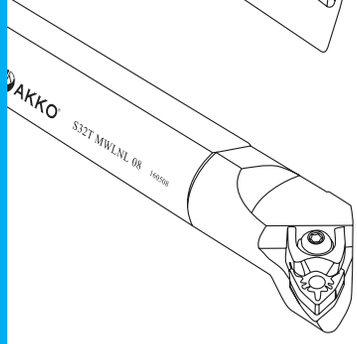


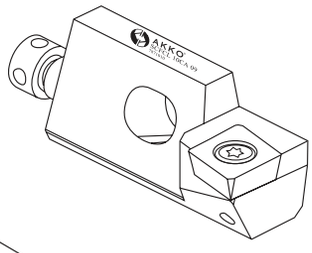



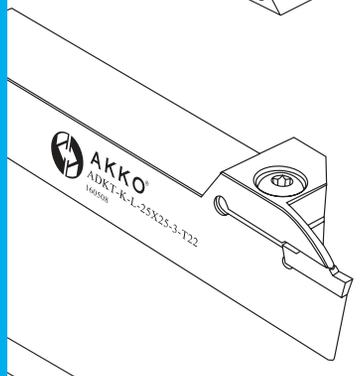


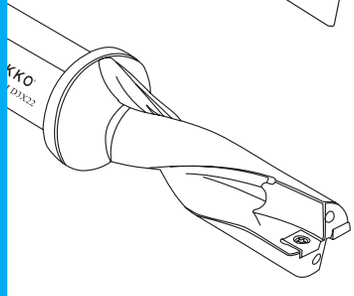
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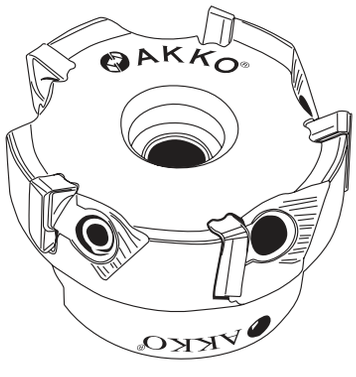


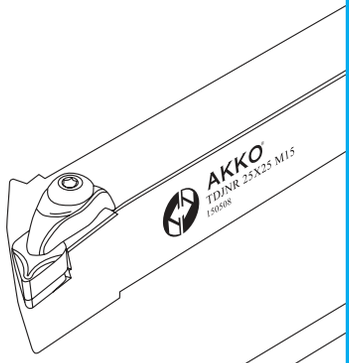


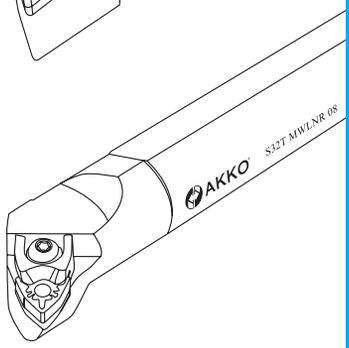


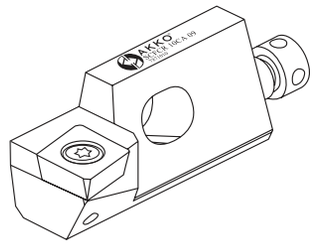
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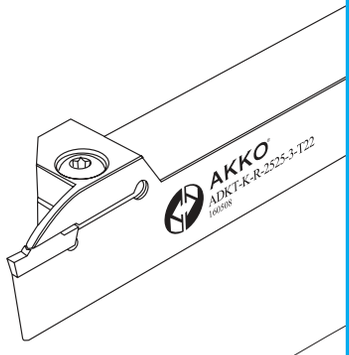
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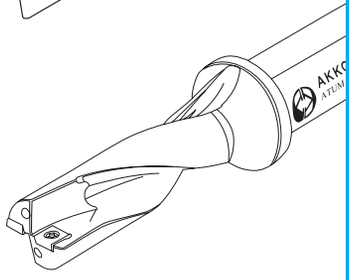

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| P270-P281 | S-SYSTEM HOCHVORSCHUB- SCHAFTFRÄSER |
| P281-P293 | S-SYSTEM EINSCHRAUBFRÄSER |
| P293-P303 | S-SYSTEM HOCHVORSCHUB-EINSCHRAUBFRÄSER |
| P304-P305 | KUGELKOPIERFRÄSER |
| P306-P307 | MODULARE EINSCHRAUB-KUGELFRÄSER |
| P308 | AUFNAHME FÜR EINSCHRAUBFRÄSER |
| P308-P310 | GEWINDEFRÄSERWERKZEUGE |
| P310-P311 | S-SYSTEM WENDELSCHAFTFRÄSER |
| P312-P351 | PLAN UND ECKMESSERKÖPFE |
| P352-P356 | MESSERKÖPFE FÜR RUNDE WENDESCHNEIDPLATTEN |
| P357-P359 | PLAN UND ECKMESSERKÖPFE |
| P360-P368 | HOCHVORSCHUBFRASER |
| P369-P370 | T-NUTENFRASER |
| P371-P372 | SCHEIBENFRASER |
| P374-P378 | ABMESSUNGEN DER AUFNAHMEBOHRUNGEN FÜR MESSERKÖPFE |
| | **ERSATZTEILE** |
| P380-P393 | ERSATZTEILE |
| P394-P399 | INDEX |

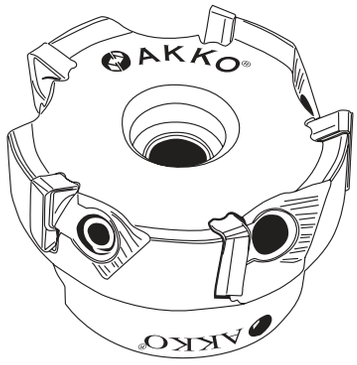







**konuşulan**
**the spoken** kalite...
quality...



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# DIŞ TORNA TAKIMLARI

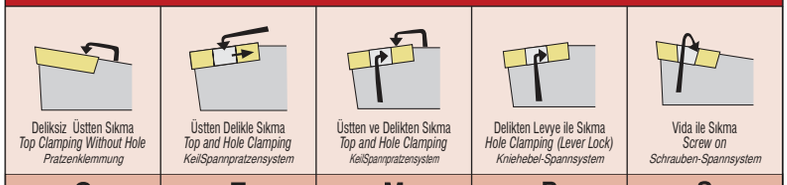
## *EXTERNAL TURNING TOOLHOLDERS*

## *DREHEN - AUßENDREHHALTER*



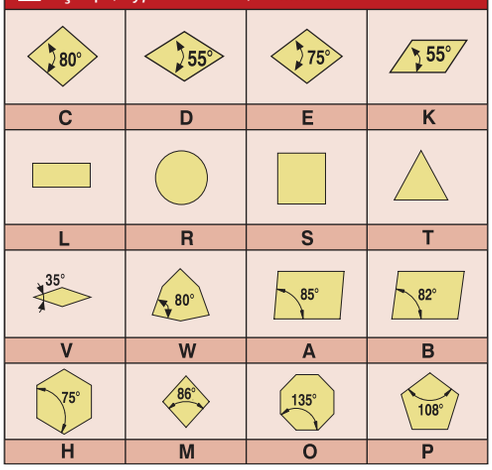
| P | S | K | N | R |
|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 |

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



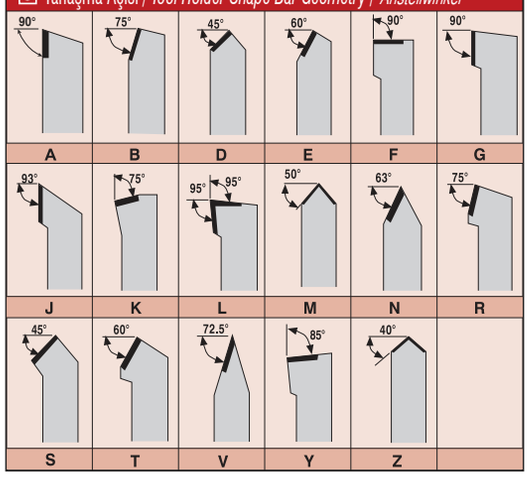
| Deliksiz Üstten Sıkma<br>*Top Clamping Without Hole*<br>*Pratzenklemmung* | Üstten Delikle Sıkma<br>*Top and Hole Clamping*<br>*KeilSpannpratzensystem* | Üstten ve Delikten Sıkma<br>*Top and Hole Clamping*<br>*KeilSpannpratzensystem* | Delikten Levye ile Sıkma<br>*Hole Clamping (Lever Lock)*<br>*Kniehebel-Spannsystem*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

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



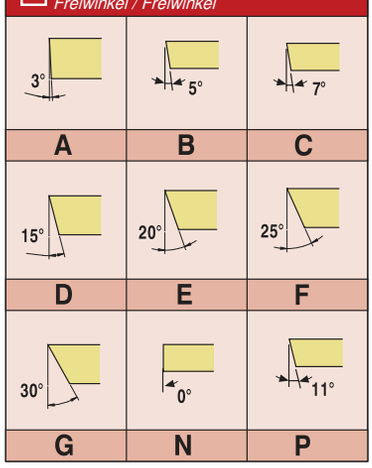
| | | | |
|---|---|---|---|
| C | D | E | K |
| L | R | S | T |
| V | W | A | B |
| H | M | O | P |

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



| | | | | | |
|---|---|---|---|---|---|
| A | B | D | E | F | G |
| J | K | L | M | N | R |
| S | T | V | Y | Z | |

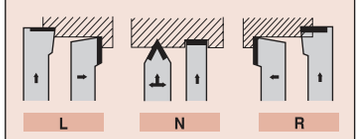
## 4 Serbest Uç Açısı / *Insert Clearance Ange* *Freiwinkel* / *Freiwinkel*



| | | |
|---|---|---|
| A | B | C |
| D | E | F |
| G | N | P |

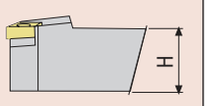
| 6 | 7 | - | 8 | 9 | 10 |
|---|---|---|---|---|---|
| 25 | 25 | - | M | 12 | C |

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

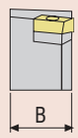


L N R

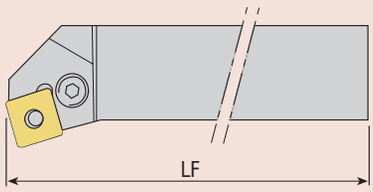
## 6 Kesme Kenar Yüksekliği / *Cutting Edge Height* / *Schafthöhe*



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



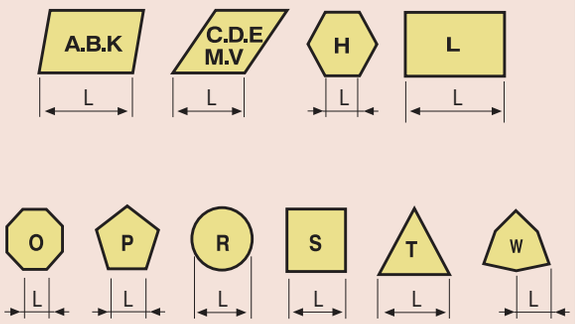
## 8 Şaft Boyu / *Shank Length* / *Schaftlänge*



(mm)

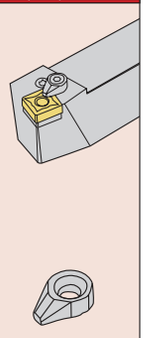
| | | | |
|---|---|---|---|
| A-32 | H-100 | Q-180 | x-special |
| B-40 | J-110 | R-200 | |
| C-50 | K-125 | S-250 | |
| D-60 | L-140 | T-300 | |
| E-70 | M-150 | U-350 | |
| F-80 | N-160 | V-400 | |
| G-90 | P-170 | W-450 | |

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



A.B.K C.D.E M.V H L O P R S T W

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



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*quality...*

# T-SİSTEM

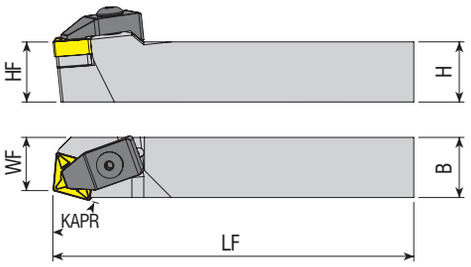
**T-SİSTEM DIŞ TORNA KATERLERİ**
*T-SYSTEM EXTERNAL TURNING TOOLHOLDERS*
*T-SYSTEM AUSSEN - DREHHALTER MIT INNENKÜHLUNG*

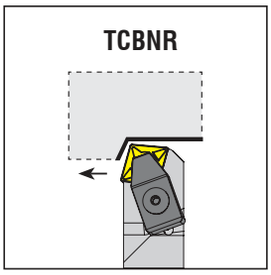



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*FÜR DETAILS BİTTE DEN QR CODE SCANNEN*

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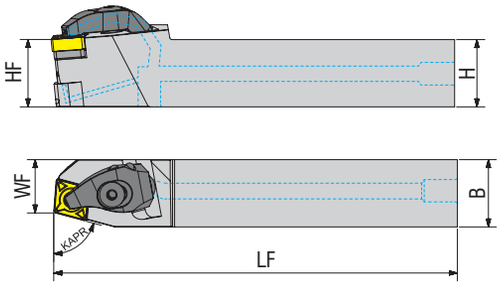


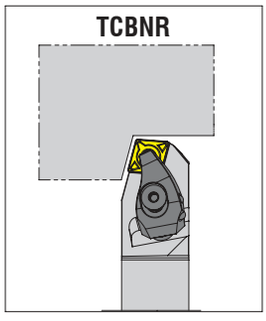




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|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



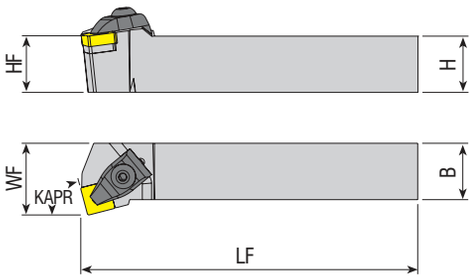



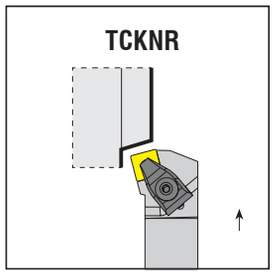

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 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* *Резьбовой Винт* | Anahtar *Allen Key* Innensechskantschlüssel |
| | R | L | HF=H | B | LF | WF | | | | | | | | | |
| **TCBNR/L 2020 K12-H** | ○ | ○ | 20 | 20 | 125 | 16 | | | | | | | | | |
| **2525 M12-H** | ○ | ○ | 25 | 25 | 150 | 20 | **CNM. 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 |
| **3232 P12-H** | ○ | ○ | 32 | 32 | 170 | 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 TCBNR/L 2525 M16

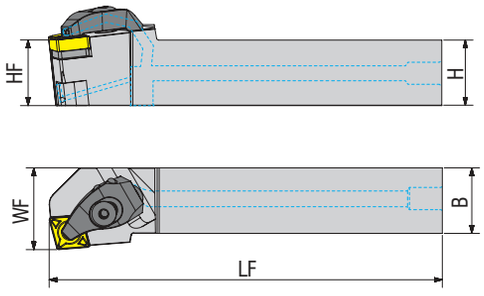


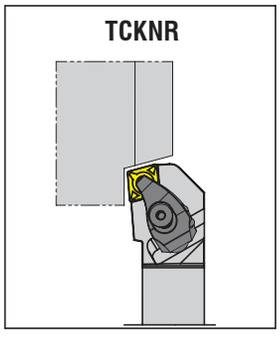




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* R | L | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H | B | LF | WF | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *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 | | | | | | | | |
| **2525 M12** | ● | ● | 25 | 25 | 150 | 32 | **CNM. 1204..** | ATK-02 | AKV-30-M6x22 | AACN-3-0001 | AAV-02-M5x12 | AS-01 | ABPL-01 | AAL-03-3 |
| **3232 P12** | ● | ● | 32 | 32 | 170 | 40 | | | | | | | | |
| **2525 M16** | ● | ● | 25 | 25 | 150 | 32 | | | | | | | | |
| **3232 P16** | ● | ● | 32 | 32 | 170 | 40 | **CNM. 1606..** | ATK-04 | AKV-19-M7x25 | AACN-3-0002 | AAV-05-M6x15 | AS-02 | ABPL-02 | AAL-05-4 |



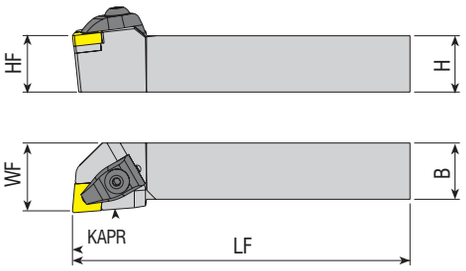



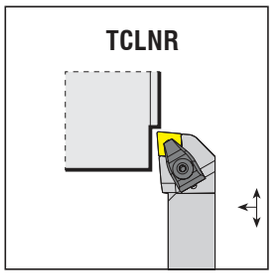

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* R | L | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H | B | LF | WF | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Yay *Spring* *Feder* | Oring *Ring* *Feder* | Sızdırmaz Vida *Threaded Pin* *Резьбовой Винт* | Anahtar *Allen Key* *Innensechskantschlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **TCKNR/L 2020 K12-H** | ○ | ○ | 20 | 20 | 125 | 25 | | | | | | | | | |
| **2525 M12-H** | ○ | ○ | 25 | 25 | 150 | 32 | **CNM. 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 |
| **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*

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

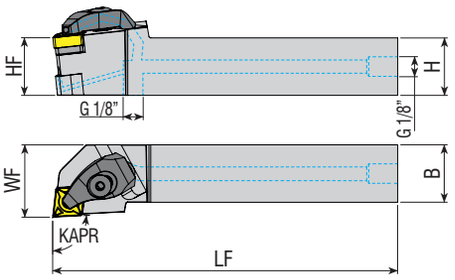


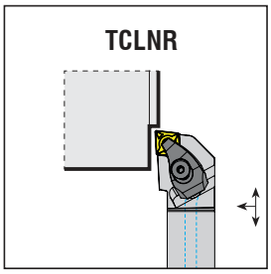




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 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 | | | | | | | | |
| **TCLNR/L 2020 K12** | ● | ● | 20 | 20 | 125 | 25 | **CNM. 1204..** | ATK-02 | AKV-30-M6x22 | AACN-3-0001 | AAV-02-M5x12 | AS-01 | ABPL-01 | AAL-03-3 |
| **2525 M12** | ● | ● | 25 | 25 | 150 | 32 | | | | | | | | |
| **3232 P12** | ● | ● | 32 | 32 | 170 | 40 | | | | | | | | |
| **4040 S12** | ● | ● | 40 | 40 | 250 | 50 | | | | | | | | |
| **5050 S12** | ● | ● | 50 | 50 | 250 | 63 | | | | | | | | |
| **2525 M16** | ● | ● | 25 | 25 | 150 | 32 | **CNM. 1606..** | ATK-04 | AKV-19-M7x25 | AACN-3-0002 | AAV-05-M6x15 | AS-02 | ABPL-02 | AAL-05-4 |
| **3232 P16** | ● | ● | 32 | 32 | 170 | 40 | | | | | | | | |



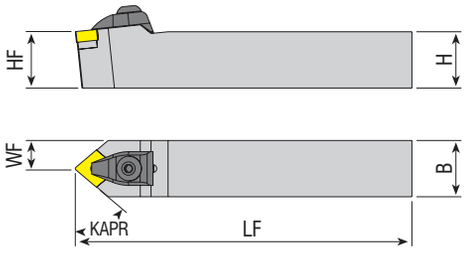



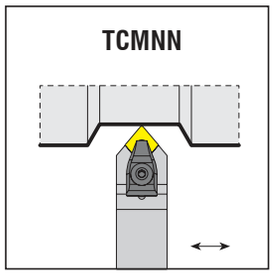

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 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* *Резьбовой Винт* | Anahtar *Allen Key* *Innensechskantschlüssel* |
| | R | L | HF=H | B | LF | WF | | | | | | | | | | |
| **TCLNR/L 2020 K12-H** | ● | ● | 20 | 20 | 125 | 25 | **CNM. 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 |
| **2525 M12-H** | ● | ● | 25 | 25 | 150 | 32 | | | | | | | | | |
| **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*

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

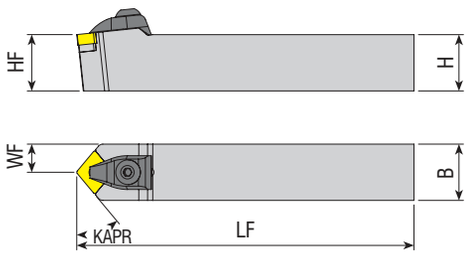


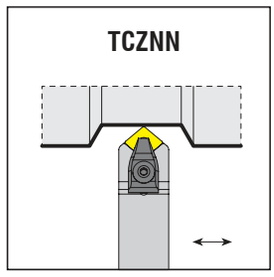




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H | B | LF | WF | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp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



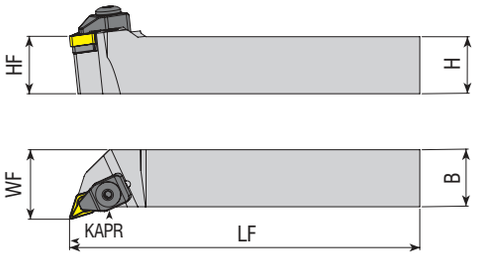



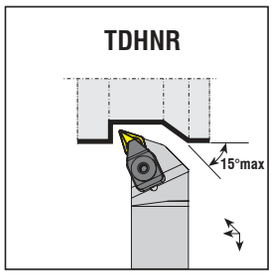

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H | B | LF | WF | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp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

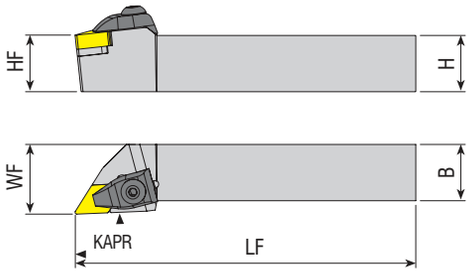


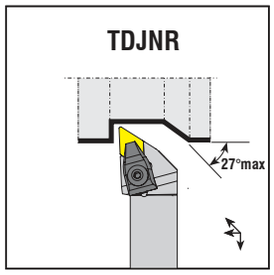




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 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 | **DNM. 1104..** | ATK-01 | AKV-01-M5x22 | AADN-2-0001 | AAV-04-M5x12 | - | | |
| **2020 K15** | ● | ● | 20 | 20 | 125 | 25 | | | | | | | | |
| **2525 M15** | ● | ● | 25 | 25 | 150 | 32 | **DNM. 1506..** | ATK-02 | AKV-30-M6x22 | AADN-3-0001 | AAV-02-M5x12 | AS-01 | ABPL-01 | AAL-03-3 |
| **3232 P15** | ● | ● | 32 | 32 | 170 | 40 | | | | | | | | |



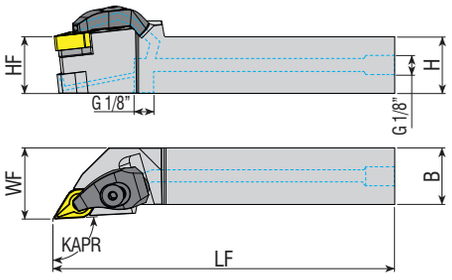



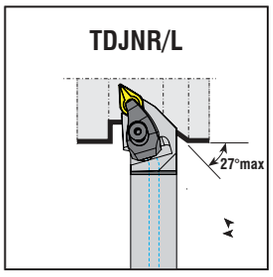

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 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 | | | | | | | | |
| **2020 K11** | ● | ● | 20 | 20 | 125 | 25 | **DNM. 1104..** | ATK-01 | AKV-01-M5x22 | AADN-2-0001 | AAV-04-M5x12 | - | | |
| **2525 M11** | ● | ● | 25 | 25 | 150 | 32 | | | | | | | | |
| **2020 K15** | ● | ● | 20 | 20 | 125 | 25 | | | | | | | | |
| **2525 M15** | ● | ● | 25 | 25 | 150 | 32 | | | | | | | | |
| **3232 P15** | ● | ● | 32 | 32 | 170 | 40 | **DNM. 1506..** | ATK-02 | AKV-30-M6x22 | AADN-3-0001 | AAV-02-M5x12 | AS-01 | ABPL-01 | AAL-03-3 |
| **4040 S15** | ● | ● | 40 | 40 | 250 | 50 | | | | | | | | |
| **5050 S15** | ○ | ○ | 50 | 50 | 250 | 63 | | | | | | | | |
| **2020 K1504** | ● | ● | 20 | 20 | 125 | 25 | | | | | | | | |
| **2525 M1504** | ● | ● | 25 | 25 | 150 | 32 | | | | | | | | |
| **3232 P1504** | ● | ● | 32 | 32 | 170 | 40 | **DNM. 1504..** | ATK-02 | AKV-30-M6x22 | AADN-2-0003 | AAV-02-M5x12 | AS-01 | | |
| **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

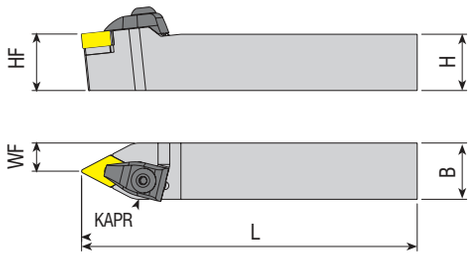


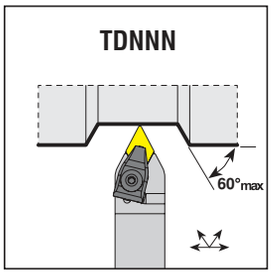




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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* *Резьбовой Винт* | Anahtar *Allen Key* *Innensechskantschlüssel* |
| **TDJNR/L 2020 K15-H** | ● | ● | 20 | 20 | 125 | 25 | **DNM. 1506..** | ATKH-01-R<br>ATKH-02-L | AKV-33-M6x22 | AADN-3-0001 | AAV-13-M5x8 | AKY-01 | AXR-01 | 2705-G1/8x5.5 | AAL-03-3 |
| **2525 M15-H** | ● | ● | 25 | 25 | 150 | 32 | | | | | | | | | |
| **3232 P15-H** | ● | ● | 32 | 32 | 170 | 40 | | | | | | | | | |



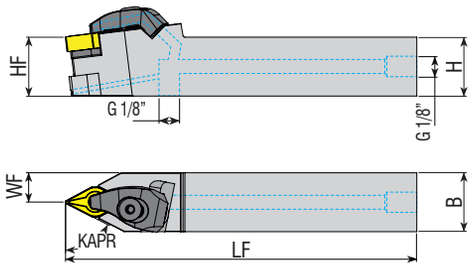



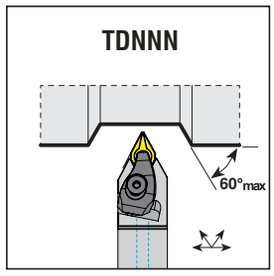

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 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 | | | | | | | | |
| **2020 K11** | ● | 20 | 20 | 125 | 10 | **DNM. 1104..** | ATK-01 | AKV-01-M5x22 | AADN-2-0001 | AAV-04-M5x12 | - | | |
| **2525 M11** | ● | 25 | 25 | 150 | 12.5 | | | | | | | | |
| **2020 K15** | ● | 20 | 20 | 125 | 10 | | | | | | | ABPL-01 | AAL-03-3 |
| **2525 M15** | ● | 25 | 25 | 150 | 12.5 | | | | | | | | |
| **3232 P15** | ● | 32 | 32 | 170 | 16 | **DNM. 1506..** | ATK-02 | AKV-30-M6x22 | AADN-3-0001 | AAV-02-M5x12 | AS-01 | | |
| **4040 S15** | ○ | 40 | 40 | 250 | 20 | | | | | | | | |
| **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

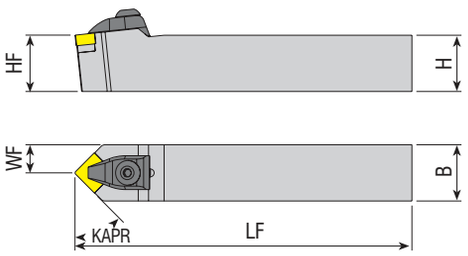


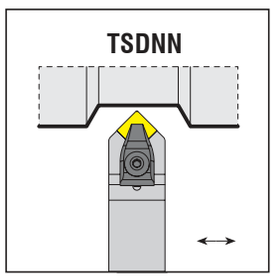




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 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* *Резьбовой Винт* | Anahtar *Allen Key* Innensechskantschlüssel |
| **TDNNN 2525 M15-H** | ● | 25 | 25 | 150 | 32 | **DNM. 1506..** | ATKH-01-R<br>ATKH-02-L | AKV-33-M6x22 | AADN-3-0001 | AAV-13-M5x8 | AKY-01 | AXR-01 | 2705-G1/8x5.5 | AAL-03-3 |




| 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* | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 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 | | | | | | | | |
| **2020 K12** | ● | 20 | 20 | 125 | 10 | **SNM. 1204..** | ATK-02 | AKV-30-M6x22 | AASN-3-0004 | AAV-02-M5x12 | AS-01 | ABPL-01 | AAL-03-3 |
| **2525 M12** | ● | 25 | 25 | 150 | 12.5 | | | | | | | | |
| **3232 P12** | ● | 32 | 32 | 170 | 16 | | | | | | | | |
| **2525 M15** | ○ | 25 | 25 | 150 | 12.5 | | | | | | | | |
| **3232 P15** | ● | 32 | 32 | 170 | 16 | **SNM. 1506..** | ATK-04 | AKV-19-M7x25 | AASN-3-0023 | AAV-05-M6x15 | AS-02 | ABPL-02 | AAL-05-4 |
| **4040 S15** | ○ | 40 | 40 | 250 | 20 | | | | | | | | |

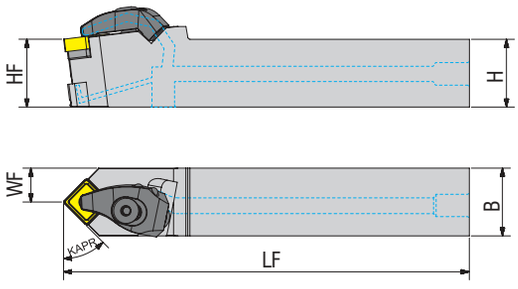
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

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

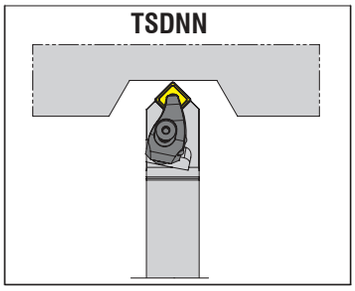
new

**KAPR=45°**





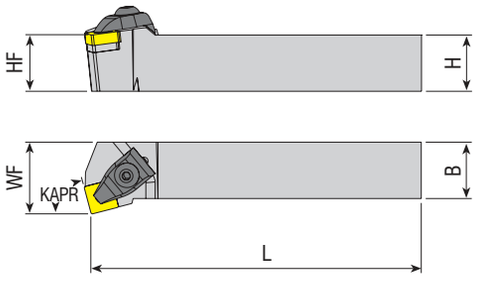

**TSDNN**



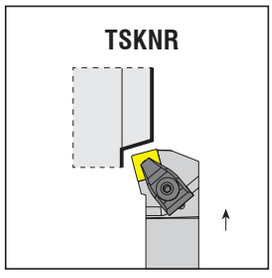
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 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* *Резьбовой Винт* | Anahtar *Allen Key* *Innensechskantschlüssel* |
| | R | L | HF=H | B | LF | WF | | | | | | | | | |
| **TSDNN 2525 M12-H** | ○ | ○ | 25 | 25 | 150 | 25 | **SNM. 1204..** | ATKH-01-R<br>ATKH-02-L | AKV-33-M6x22 | AASN-3-0004 | AAV-02-M5x12 | | | 2705-G1/8x5.5 | AAL-03-3 |
| **3232 P12-H** | ○ | ○ | 32 | 32 | 170 | 16 | | | | | | | | | |
| **2525 M15-H** | ○ | ○ | 25 | 25 | 150 | 12.7 | **SNM. 1506..** | ATKH-07-R<br>ATKH-08-L | AKV-39-M7x21 | AASN-3-0023 | AAV-05-M6x10 | AKY-01 | AXR-01 | 2705-G1/8x5.5 | AAL-05-4 |
| **3232 P15-H** | ○ | ○ | 32 | 32 | 170 | 16 | | | | | | | | | |
| **4040 S15-H** | ○ | ○ | 40 | 40 | 250 | 20 | | | | | | | | | |

**KAPR=75°**






**TSKNR**



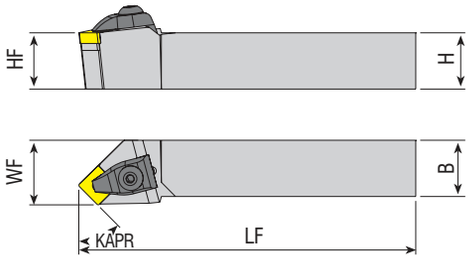
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 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 | HF=H | B | LF | WF | | | | | | | | | |
| **TSKNR/L 2020 K12** | ● | ● | 20 | 20 | 125 | 25 | **SNM. 1204..** | ATK-02 | AKV-30-M6x22 | AASN-3-0004 | AAV-02-M5x12 | AS-01 | ABPL-01 | AAL-03-3 |
| **2525 M12** | ● | ● | 25 | 25 | 150 | 32 | | | | | | | | |
| **3232 P12** | ● | ● | 32 | 32 | 170 | 40 | | | | | | | | |
| **3232 P15** | ● | ● | 32 | 32 | 170 | 40 | **SNM. 1506..** | ATK-04 | AKV-19-M7x25 | AASN-3-0023 | AAV-05-M6x15 | AS-02 | ABPL-02 | 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*

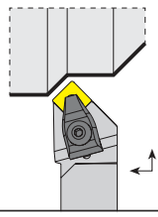
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück TSDNN 2525 M12-H

**KAPR=45°**




**TSSNR**

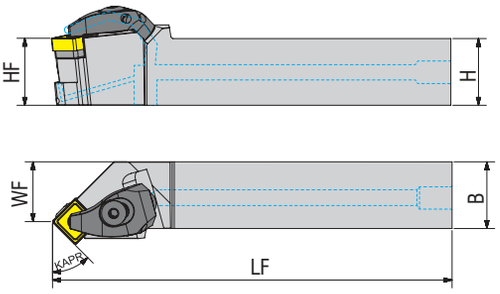


| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | **SNM. 1204..** | ATK-02 | AKV-30-M6x22 | AASN-3-0004 | AAV-02-M5x12 | AS-01 | ABPL-01 | AAL-03-3 |
| **2525 M12** | ● | ● | 25 | 25 | 150 | 32 | | | | | | | | |
| **3232 P12** | ● | ● | 32 | 32 | 170 | 40 | | | | | | | | |
| **2525 M15** | ● | ● | 25 | 25 | 150 | 32 | **SNM. 1506..** | ATK-04 | AKV-19-M7x25 | AASN-3-0023 | AAV-05-M6x15 | AS-02 | ABPL-02 | AAL-05-4 |
| **3232 P15** | ● | ● | 32 | 32 | 170 | 40 | | | | | | | | |

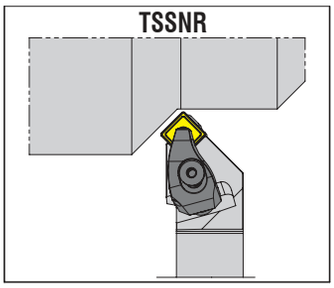
new

**KAPR=45°**




**TSSNR**

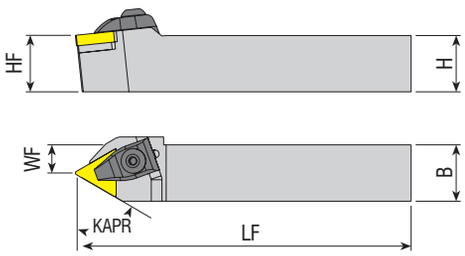


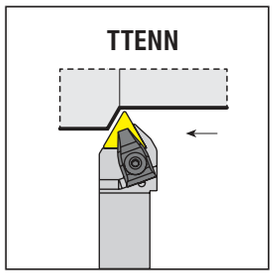
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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* | Yay *Spring* *Feder* | Oring *Ring* *Feder* | Sızdırmaz Vida *Threaded Pin* *Резьбовой Винт* | Anahtar *Allen Key* Innensechskantschlüssel |
| **TSSNR/L 2525 M12-H** | ○ | ○ | 25 | 25 | 150 | 32 | **SNM. 1204..** | ATKH-01-R | AKV-33-M6x22 | AASN-3-0004 | AAV-02-M5x12 | | | | AAL-03-3 |
| **3232 P12-H** | ○ | ○ | 32 | 32 | 170 | 32 | | ATKH-02-L | | | | | | | |
| **2525 M15-H** | ○ | ○ | 25 | 25 | 150 | 40 | **SNM. 1506..** | ATKH-07-R | AKV-39-M7x21 | AASN-3-0023 | AAV-05-M6x10 | AKY-01 | AXR-01 | 2705-G1/8x5.5 | AAL-05-4 |
| **3232 P15-H** | ○ | ○ | 32 | 32 | 170 | 40 | | | | | | | | | |
| **4040 S15-H** | ○ | ○ | 40 | 40 | 250 | 50 | | ATKH-08-L | | | | | | | |

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 2020 K12

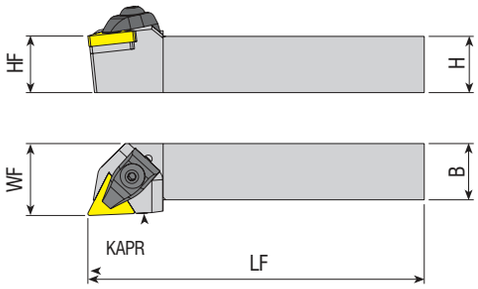


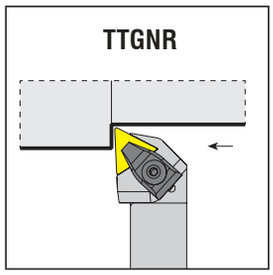




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 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 |
| **TTENN 2020 K16** | ● | 20 | 20 | 125 | 10 | **TNM. 1604..** | ATK-01 | AKV-01-M5x22 | AATN-2-0002 | AAV-03-M5x12 | - | ABPL-01 | AAL-03-3 |
| **2525 M16** | ● | 25 | 25 | 150 | 12.5 | | | | | | | | |
| **3232 P16** | ● | 32 | 32 | 170 | 16 | | | | | | | | |
| **2525 M22** | ● | 25 | 25 | 150 | 12.5 | **TNM. 2204..** | ATK-02 | AKV-30-M6x22 | AATN-3-0015 | AAV-02-M5x12 | AS-01 | | |
| **3232 P22** | ● | 32 | 32 | 170 | 16 | | | | | | | | |
| **4040 S22** | ○ | 40 | 40 | 250 | 20 | | | | | | | | |



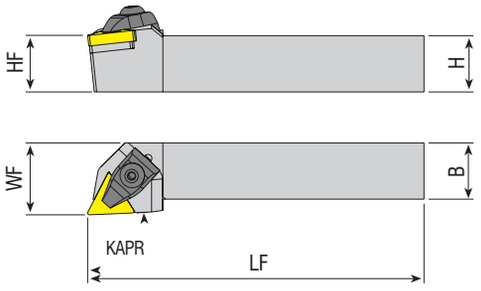



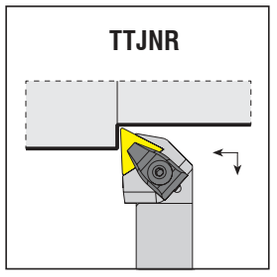

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | **TNM. 1604..** | ATK-01 | AKV-01-M5x22 | AATN-2-0002 | AAV-03-M5x12 | - | ABPL-01 | AAL-03-3 |
| **2525 M16** | ● | ● | 25 | 25 | 150 | 32 | | | | | | | | |
| **3232 P16** | ● | ● | 32 | 32 | 170 | 40 | | | | | | | | |
| **2525 M22** | ● | ● | 25 | 25 | 150 | 32 | **TNM. 2204..** | ATK-02 | AKV-30-M6x22 | AATN-3-0015 | AAV-02-M5x12 | AS-01 | | |
| **3232 P22** | ● | ● | 32 | 32 | 170 | 40 | | | | | | | | |
| **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 TTENN 2020 K16

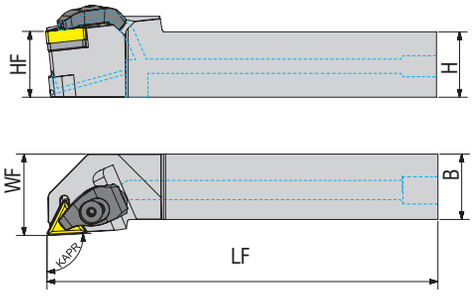


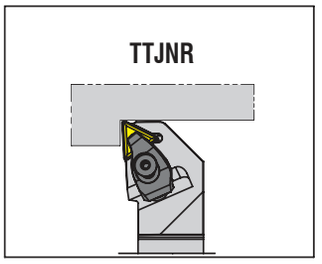




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 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 | | | | | | | | |
| **TTJNR/L 2020 K16** | ● | ● | 20 | 20 | 125 | 25 | | | | | | | | |
| **2525 M16** | ● | ● | 25 | 25 | 150 | 32 | **TNM. 1604..** | ATK-01 | AKV-01-M5x22 | AATN-2-0002 | AAV-03-M5x12 | - | | |
| **3232 P16** | ● | ● | 32 | 32 | 170 | 40 | | | | | | | ABPL-01 | AAL-03-3 |
| **2525 M22** | ● | ● | 25 | 25 | 150 | 32 | | | | | | | | |
| **3232 P22** | ● | ● | 32 | 32 | 170 | 40 | **TNM. 2204..** | ATK-02 | AKV-30-M6x22 | AATN-3-0015 | AAV-02-M5x12 | AS-01 | | |
| **4040 S22** | ○ | ○ | 40 | 40 | 250 | 50 | | | | | | | | |



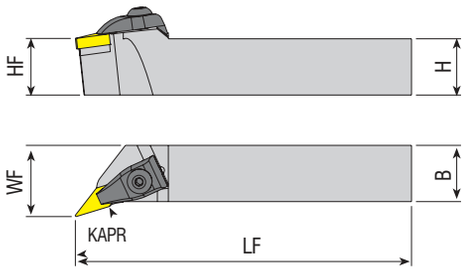



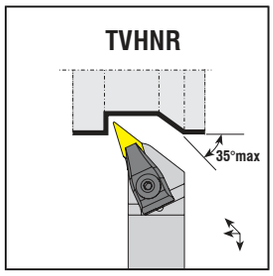

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 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* *Резьбовой Винт* | Anahtar *Allen Key* *Innensechskantschlüssel* |
| | R | L | HF=H | B | LF | WF | | | | | | | | | |
| **TTJNR/L 2525 M16-H** | ○ | ○ | 25 | 25 | 150 | 32 | **TNM. 1604..** | ATKH-03-R<br>ATKH-04-L | AKV-37-M5x18 | AATN-2-000 | AAV-03-M5x12 | AKY-02 | AXR-02 | 2705-G1/8x5.5 | AAL-02-2.5 |
| **3232 P16-H** | ○ | ○ | 32 | 32 | 170 | 32 | | | | | | | | | |
| **2525 M22-H** | ○ | ○ | 25 | 25 | 150 | 40 | **TNM. 2204..** | ATKH-01-R<br>ATKH-02-L | AKV-33-M6x22 | AATN-3-0015 | AAV-02-M5x12 | AKY-01 | AXR-01 | | AAL-03-3 |
| **3232 P22-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*

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

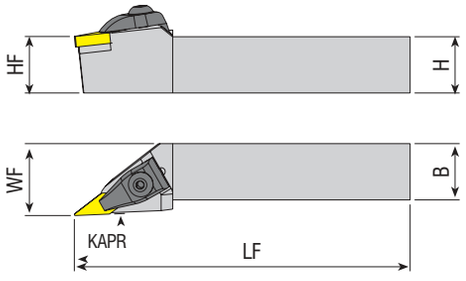


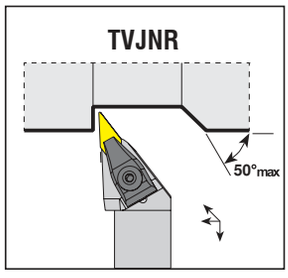




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 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 | **VNM. 1604..** | ATK-03 | AKV-30-M6x22 | AAVN -2-0002 | AAV-04-M5x12 | AS-01 | ABPL-01 | AAL-03-3 |
| **2525 M16** | ● | ● | 25 | 25 | 150 | 32 | | | | | | | | |
| **3232 P16** | ● | ● | 32 | 32 | 170 | 40 | | | | | | | | |



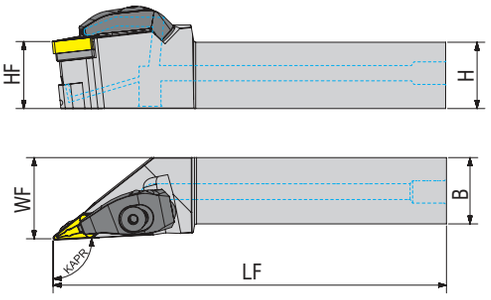

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 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 | | | | | | | | |
| **TVJNR/L 2020 K16** | ● | ● | 20 | 20 | 125 | 25 | **VNM. 1604..** | ATK-03 | AKV-30-M6x22 | AAVN-2-0002 | AAV-04-M5x12 | AS-01 | ABPL-01 | AAL-03-3 |
| **2525 M16** | ● | ● | 25 | 25 | 150 | 32 | | | | | | | | |
| **3232 P16** | ● | ● | 32 | 32 | 170 | 40 | | | | | | | | |

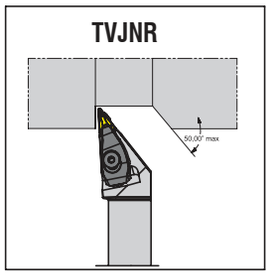
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

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

**KAPR=93°**



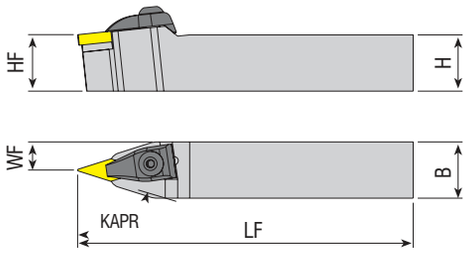


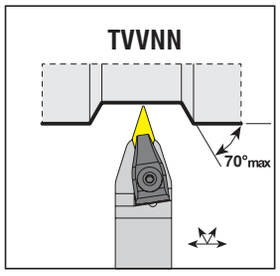




| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* | | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* | | | | Kesici Uç / *Insert* / *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | HF=H | B | LF | WF | | 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* / *Резьбовой Винт* | Anahtar / *Allen Key* / Innensechskantschlüssel |
| **TVJNR/L 2020 K16-H** | ○ | ○ | 20 | 20 | 125 | 25 | **VNM. 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 |
| **2525 M16-H** | ○ | ○ | 25 | 25 | 150 | 32 | | | | | | | | | |
| **3232 P16-H** | ○ | ○ | 32 | 32 | 170 | 40 | | | | | | | | | |

**KAPR=72.5°**






| 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* | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 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 |
| **TVVNN 2020 K16** | ● | 20 | 20 | 125 | 10 | **VNM. 1604..** | ATK-03 | AKV-30-M6x22 | AAVN-2-0002 | AAV-04-M5x12 | AS-01 | ABPL-01 | AAL-03-3 |
| **2525 M16** | ● | 25 | 25 | 150 | 12.5 | | | | | | | | |
| **3232 P16** | ● | 32 | 32 | 170 | 16 | | | | | | | | |

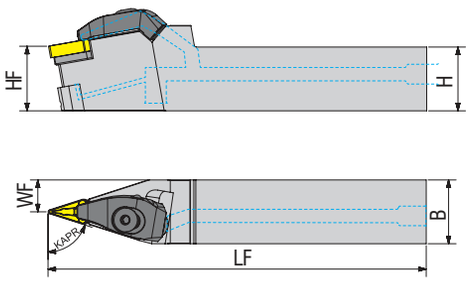
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück TVJNR 2020 H16-H

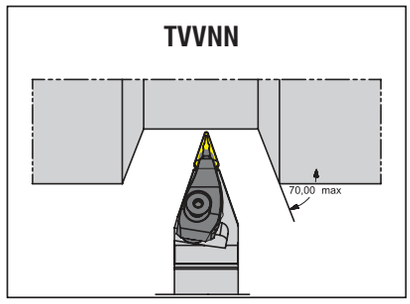
new

**KAPR=72.5°**





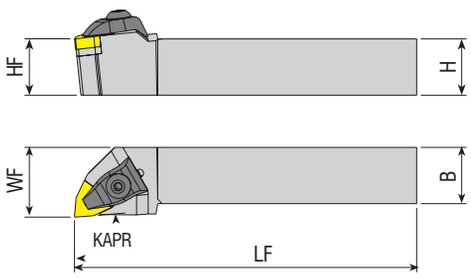

**TVVNN**



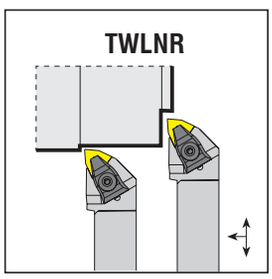

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 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* *Резьбовой Винт* | Anahtar *Allen Key* Innensechskantschlüssel |
| | R | L | HF=H | B | LF | WF | | | | | | | | | |
| **TVVNN 2020 K16-H** | ○ | ○ | 20 | 20 | 125 | 10 | **VNM. 1604..** | ATKH-05-R ATKH-06-L | AKV-33-M6x22 | AAVN-2-0002 | AAV-04-M5x12 | AKY-01 | AXR-01 | 2705-G1/8x5.5 | AAL-03-3 |
| **2525 M16-H** | ○ | ○ | 25 | 25 | 150 | 12.7 | | | | | | | | | |

**KAPR=95°**






**TWLNR**

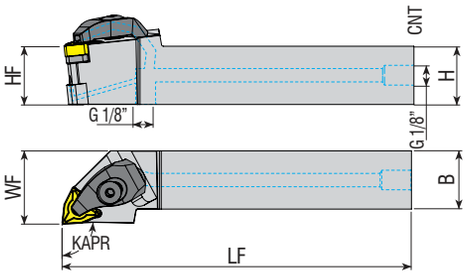


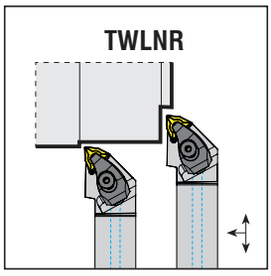
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 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 | HF=H | B | LF | WF | | | | | | | | |
| **TWLNR/L 1616 H06** | ● | ● | 16 | 16 | 100 | 20 | **WNM. 0604..** | ATK-01 | AKV-01-M5x22 | AAWN-SW317 | AAV-01-M3x10 | - | ABPL-01 | AAL-03-3 |
| **2020 K06** | ● | ● | 20 | 20 | 125 | 25 | | | | | | | | |
| **2525 M06** | ● | ● | 25 | 25 | 150 | 32 | | | | | | | | |
| **2020 K08** | ● | ● | 20 | 20 | 125 | 25 | **WNM. 0804..** | ATK-02 | AKV-30-M6x22 | AAWN-3-0001 | AAV-02-M5x12 | AS-01 | | |
| **2525 M08** | ● | ● | 25 | 25 | 150 | 32 | | | | | | | | |
| **3232 P08** | ● | ● | 32 | 32 | 170 | 40 | | | | | | | | |
| **4040 S08** | ● | ● | 40 | 40 | 250 | 50 | | | | | | | | |
| **5050 S08** | ○ | ○ | 50 | 50 | 250 | 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 TVVNN 2020 H16-H



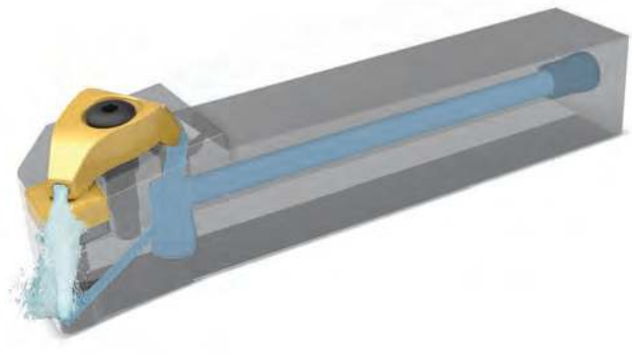



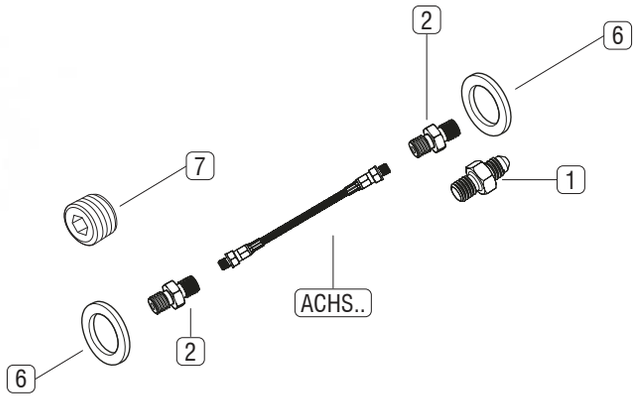

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 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* *Резьбовой Винт* | Anahtar *Allen Key* *Innensechskantschlüssel* |
| | R | L | HF=H | B | LF | WF | | | | | | | | | |
| **TWLNR/L 2020 K08-H** | ● | ● | 20 | 20 | 125 | 25 | **WNM. 0804..** | ATKH-01-R<br>ATKH-02-L | AKV-33-M6x22 | AAWN-3-0001 | AAV-13-M5x8 | AKY-01 | AXR-01 | 2705-G1/8x5.5 | AAL-03-3 |
| **2525 M08-H** | ● | ● | 25 | 25 | 150 | 32 | | | | | | | | | |
| **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*

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück TWLNR 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 275 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 275 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. 275 bar eingesetzt werden.*

| Set İçindeki Parçalar<br>*Parts In The Set*<br>*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<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 |

AKKO®

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

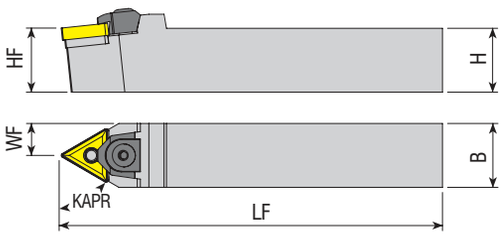
# M-SİSTEM

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

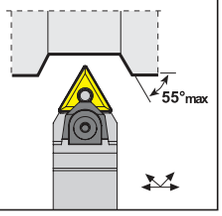


**KAPR=60°**



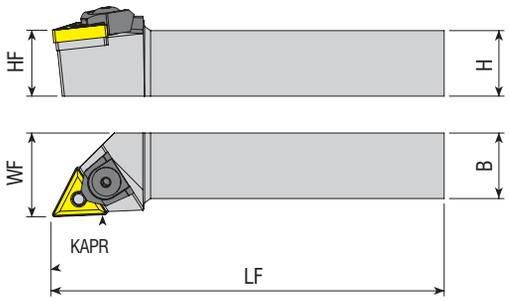

**MTENN**



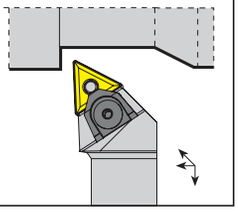

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H | B | LF | WF | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp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

**KAPR=93°**




**MTJNR**



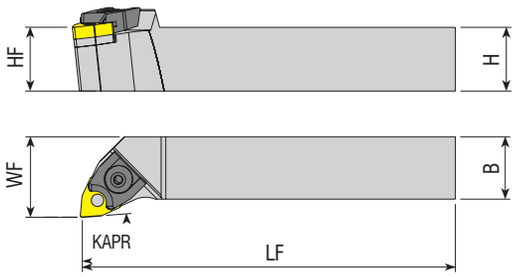
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* R | L | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H | B | LF | WF | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası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

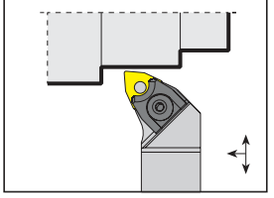
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück MTENN 2020 K16

**KAPR=95°**





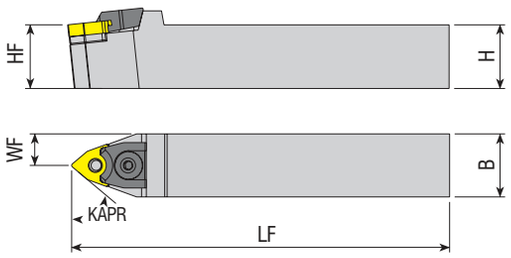

**MWLNR**



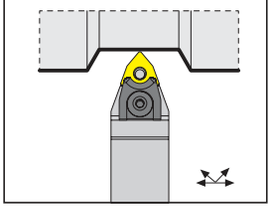
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|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

# P-SİSTEM

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











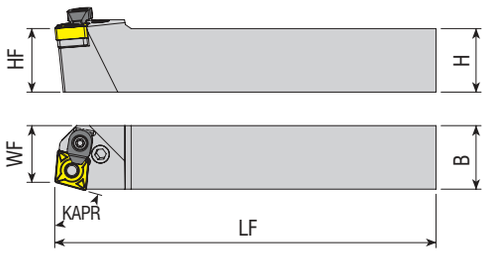


**DETAYLI BİLGİ İÇİN BARKODU OKUTUNUZ**
*SCAN ME FOR MORE DETAILS*
*FÜR DETAILS BİTTE DEN QR CODE SCANNEN*

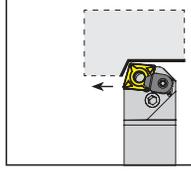
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**KAPR=75°**





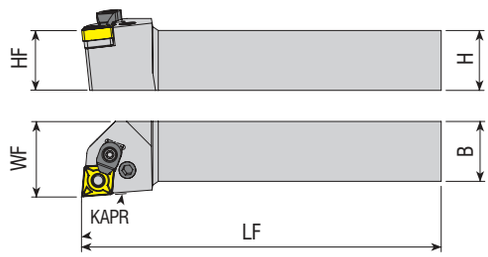

**PCBNR**



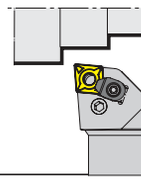
| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* | | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* | | | | Kesici Uç / *Insert* / *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 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 | | | | | | | | |
| **PCBNR/L 2020 K12C** | ● | ● | 20 | 20 | 125 | 17.5 | **CNM. 1204..** | APL-02 | ALV-03-M8x19 | AACN-3-0001 | AAY-02 | ACK-05 | 4015-M4x11 | AAL-03-3 |
| **2525 M12C** | ● | ● | 25 | 25 | 150 | 22.5 | | | | | | | | |
| **3232 P12C** | ● | ● | 32 | 32 | 170 | 29.5 | | | | | | | | |
| **2525 M16C** | ● | ● | 25 | 25 | 150 | 22 | **CNM. 1606..** | APL-04 | ALV-04-M8x22 | AACN-3-0002 | AAY-03 | | | |
| **3232 P16C** | ● | ● | 32 | 32 | 170 | 27 | | | | | | | | |
| **3232 P19C** | ● | ● | 32 | 32 | 170 | 27 | **CNM. 1906..** | APL-05 | ALV-05-M10x27 | AACN-3-0003 | AAY-04 | ACK-09 | AAV-05-M6x15 | AAL-05-4 |
| **4040 S19C** | ● | ● | 40 | 40 | 250 | 37 | | | | | | | | |
| **4040 S25C** | ● | ● | 40 | 40 | 250 | 37 | **CNM. 2509..** | APL-06 | ALV-06-M12x36 | AACN-3-0008 | AAY-05 | ACK-04 | AKV-16-M6x16 | AAL-07-5 |
| **5050 S25C** | ○ | ○ | 50 | 50 | 250 | 47 | | | | | | | | |

**KAPR=95°**






**PCLNR**



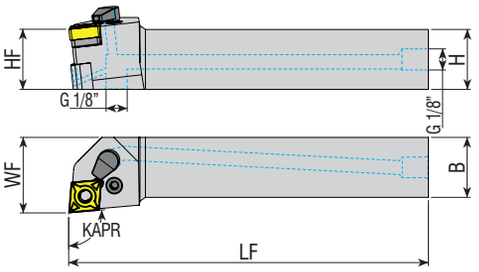
| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* | | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* | | | | Kesici Uç / *Insert* / *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|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

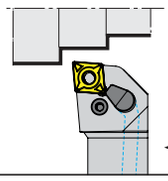
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück PCBNR 2020 K12C

**KAPR=95°**





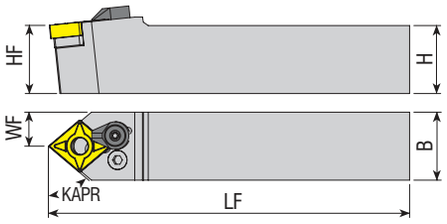

**PCLNR**



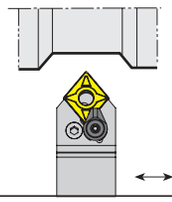
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* R | L | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H | B | LF | WF | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Levye *Lever* *Kniehebel* | Levye Vidası *Lever Screw*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

**KAPR=50°**






**PCMNN**

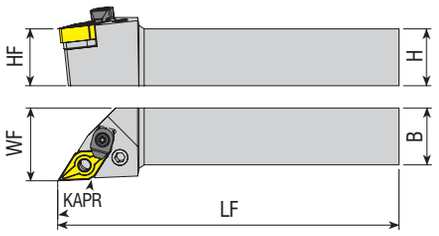


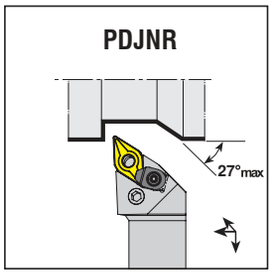
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H | B | LF | WF | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Levye *Lever* *Kniehebel* | Levye Vidası *Lever Screw* *Kniehebelschraube*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

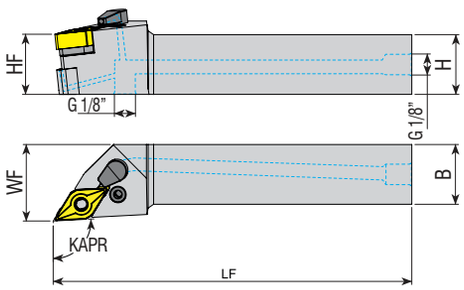


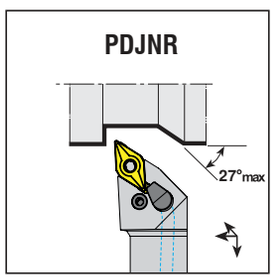




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 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 | | | | | | | | |
| **2020 K11** | ● | ● | 20 | 20 | 125 | 25 | **DNM. 1104..** | APL-01 | ALV-02-M6x17 | AADN-SD317 | AAY-01 | - | - | AAL-02-2.5 |
| **2525 M11** | ● | ● | 25 | 25 | 150 | 32 | | | | | | | | |
| **2020 K15C** | ● | ● | 20 | 20 | 125 | 25 | | | | | | | | |
| **2525 M15C** | ● | ● | 25 | 25 | 150 | 32 | **DNM. 1506..** | APL-03 | ALV-03-M8x19 | AADN-3-0001 | AAY-02 | ACK-05 | 4015-M4x11 | AAL-03-3 |
| **3232 P15C** | ● | ● | 32 | 32 | 170 | 40 | | | | | | | | |
| **4040 S15C** | ● | ● | 40 | 40 | 250 | 50 | | | | | | | | |



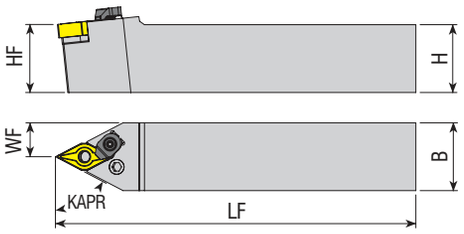



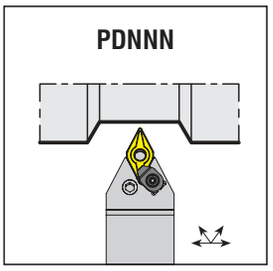

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 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* *Резьбовой Винт* | Nozul *Spannpratze* | Anahtar *Allen Key* *Innensechskantschlüssel* |
| | R | L | HF=H | B | LF | WF | | | | | | | | | |
| **PDJNR/L 2020 K15-H** | ● | ● | 20 | 20 | 125 | 25 | | | | | | | | | |
| **2525 M15-H** | ● | ● | 25 | 25 | 150 | 32 | **DNM. 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 |
| **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*

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

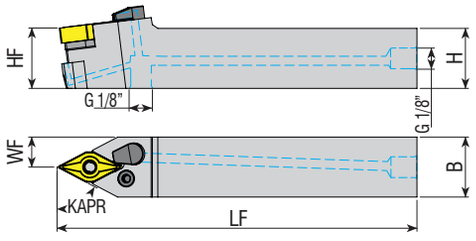


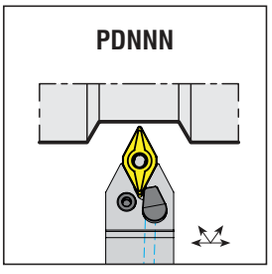




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 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 | **DNM. 1104..** | APL-01 | ALV-02-M6x17 | AADN-SD317 | AAY-01 | - | - | AAL-02-2.5 |
| **2020 K11** | ● | 20 | 20 | 125 | 10 | | | | | | | | |
| **2525 M11** | ● | 25 | 25 | 150 | 12.5 | | | | | | | | |
| **2020 K15C** | ● | 20 | 20 | 125 | 10 | **DNM. 1506..** | APL-03 | ALV-03-M8x19 | AADN-3-0001 | AAY-02 | ACK-05 | 4015-M4x11 | AAL-03-3 |
| **2525 M15C** | ● | 25 | 25 | 150 | 12.5 | | | | | | | | |
| **3232 P15C** | ● | 32 | 32 | 170 | 16 | | | | | | | | |



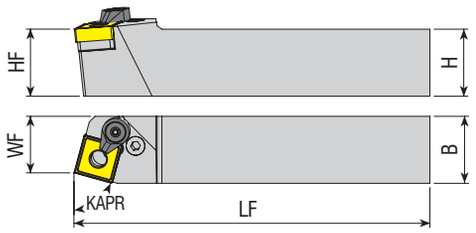

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 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* *Резьбовой Винт* | Nozul *Spannpratze* *Spannpratze COW* | Anahtar *Allen Key* *Innensechskantschlüssel* |
| **PDNNN 2525 M15-H** | ● | 25 | 25 | 150 | 32 | **DNM. 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*

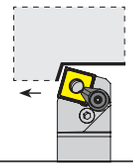
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück PDNNN 1616 H11

**KAPR=75°**





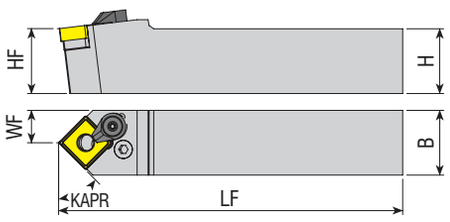

**PSBNR**



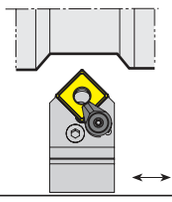
| Takım Kodu / Ordering Code / Bestell-Bezeichnung | Stok / Stock / Lager | | Takım Ölçüleri (mm) / Dimension (mm) / Abmessung (mm) | | | | Kesici Uç / Insert / Wendeschneidplatte | Yedek Parçaları / Spare Parts / Ersatzteile | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 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 |  |  |  |  |  |  |  |  |
| **PSBNR/L 1616 H09** | ● | ● | 16 | 16 | 100 | 13 | **SNM. 0903..** | APL-01 | ALV-02-M6x17 | AASN-2-0002 | AAY-01 | - | - | AAL-02-2.5 |
| **2020 K09** | ○ | ○ | 20 | 20 | 125 | 17 | | | | | | | | |
| **2020 K12** | ● | ● | 20 | 20 | 125 | 17 | **SNM. 1204..** | APL-02 | ALV-03-M8x19 | AASN-3-0004 | AAY-02 | - | - | AAL-03-3 |
| **2525 M12C** | ● | ● | 25 | 25 | 150 | 22 | | | | | | ACK-05 | 4015-M4x11 | |
| **3232 P12C** | ● | ● | 32 | 32 | 170 | 27 | | | | | | | | |
| **2525 M15** | ● | ● | 25 | 25 | 150 | 22 | **SNM. 1506..** | APL-04 | ALV-04-M8x22 | AASN-3-0023 | AAY-03 | - | - | |
| **3232 P15C** | ● | ● | 32 | 32 | 170 | 27 | | | | | | | | |
| **3232 P19C** | ● | ● | 32 | 32 | 170 | 27 | **SNM. 1906..** | APL-05 | ALV-05-M10x27 | AASN-3-0005 | AAY-04 | ACK-09 | AAV-05-M6x15 | AAL-05-4 |
| **4040 S19C** | ● | ● | 40 | 40 | 250 | 35 | | | | | | | | |
| **4040 S25C** | ● | ● | 40 | 40 | 250 | 35 | **SNM. 2509..** | APL-06 | ALV-06-M12x36 | AASN-3-0020 | AAY-05 | ACK-04 | AKV-16-M6x16 | AAL-07-5 |
| **5050 S25C** | ● | ○ | 50 | 50 | 250 | 43 | | | | | | | | |

**KAPR=45°**






**PSDNN**



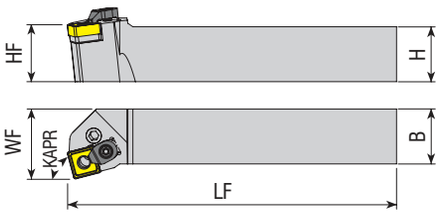
| Takım Kodu / Ordering Code / Bestell-Bezeichnung | Stok / Stock / Lager | Takım Ölçüleri (mm) / Dimension (mm) / Abmessung (mm) | | | | Kesici Uç / Insert / Wendeschneidplatte | Yedek Parçaları / Spare Parts / Ersatzteile | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | 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 |  |  |  |  |  |  |  |  |
| **PSDNN 1616 H09** | ● | 16 | 16 | 100 | 8 | **SNM. 0903..** | APL-01 | ALV-02-M6x17 | AASN-2-0002 | AAY-01 | - | - | AAL-02-2.5 |
| **2020 K12C** | ● | 20 | 20 | 125 | 10 | **SNM. 1204..** | APL-02 | ALV-03-M8x19 | AASN-3-0004 | AAY-02 | ACK-05 | 4015-M4x11 | AAL-03-3 |
| **2525 M12C** | ● | 25 | 25 | 150 | 12.5 | | | | | | | | |
| **3232 P12C** | ● | 32 | 32 | 170 | 16 | | | | | | | | |
| **2020 K15** | ● | 20 | 20 | 125 | 10 | **SNM. 1506..** | APL-04 | ALV-04-M8x22 | AASN-3-0023 | AAY-03 | - | - | |
| **2525 M15C** | ● | 25 | 25 | 150 | 12.5 | | | | | | | | |
| **3232 P19C** | ● | 32 | 32 | 170 | 16 | **SNM. 1906..** | APL-05 | ALV-05-M10x27 | AASN-3-0005 | AAY-04 | ACK-09 | AAV-05-M6x15 | AAL-05-4 |
| **4040 S19C** | ○ | 40 | 40 | 250 | 20 | | | | | | | | |
| **5050 S19C** | ○ | 50 | 50 | 250 | 25 | | | | | | | | |
| **4040 S25C** | ● | 40 | 40 | 250 | 20 | **SNM. 2509..** | APL-06 | ALV-06-M12x36 | AASN-3-0020 | AAY-05 | ACK-04 | AKV-16-M6x16 | AAL-07-5 |
| **5050 S25C** | ○ | 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*

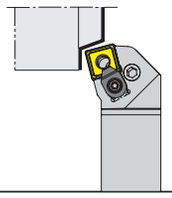
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück PSBNR 1616 H09

**KAPR=75°**



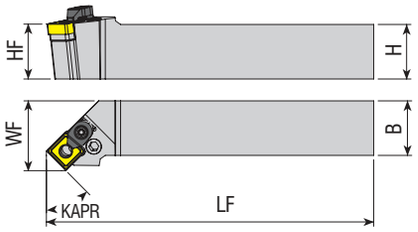

**PSKNR**



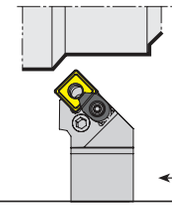
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|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

**KAPR=45°**




**PSSNR**



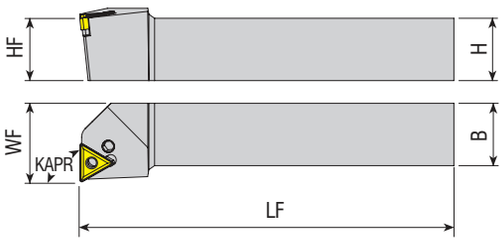
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 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 | **SNM. 0903..** | APL-01 | ALV-02-M6x17 | AASN-2-0002 | AAY-01 | - | - | AAL-02-2.5 |
| **2020 K09** | ● | ○ | 20 | 20 | 125 | 25 | | | | | | | | |
| **2020 K12C** | ● | ● | 20 | 20 | 125 | 25 | | | | | | | | |
| **2525 M12C** | ● | ● | 25 | 25 | 150 | 32 | **SNM. 1204..** | APL-02 | ALV-03-M8x19 | AASN-3-0004 | AAY-02 | ACK-05 | 4015-M4x11 | AAL-03-3 |
| **3232 P12C** | ● | ● | 32 | 32 | 170 | 40 | | | | | | | | |
| **3232 P15C** | ● | ○ | 32 | 32 | 170 | 40 | **SNM. 1506..** | APL-04 | ALV-04-M8x22 | AASN-3-0023 | AAY-03 | | | |
| **3232 P19C** | ● | ● | 32 | 32 | 170 | 40 | **SNM. 1906..** | APL-05 | ALV-05-M10x27 | AASN-3-0005 | AAY-04 | ACK-09 | AAV-05-M6x15 | AAL-05-4 |
| **4040 S19C** | ● | ● | 40 | 40 | 250 | 50 | | | | | | | | |
| **4040 S25C** | ● | ● | 40 | 40 | 250 | 50 | **SNM. 2509..** | APL-06 | ALV-06-M12x36 | AASN-3-0020 | 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*

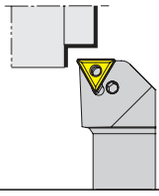
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück PSKNR 2020 K09

**KAPR=90°**



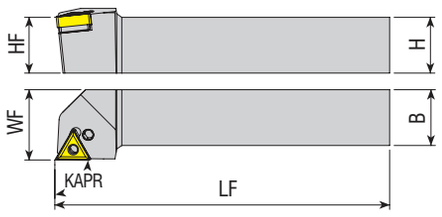

**PTFNR**



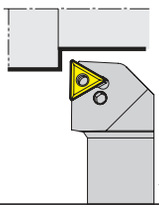
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 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 | | | | | | | | |
| **2020 K16** | ● | ● | 20 | 20 | 125 | 25 | | | | | | | | |
| **2525 M16** | ● | ● | 25 | 25 | 150 | 32 | **TNM. 1604..** | APL-01 | ALV-02-M6x17 | AATN-3-0025 | AAY-01 | - | - | AAL-02-2.5 |
| **3232 P16** | ● | ● | 32 | 32 | 170 | 40 | | | | | | | | |
| **2525 M22C** | ● | ● | 25 | 25 | 150 | 32 | | | | | | | | |
| **3232 P22C** | ● | ● | 32 | 32 | 170 | 40 | **TNM. 2204..** | APL-02 | ALV-03-M8x19 | AATN-3-0015 | AAY-02 | ACK-05 | 4015-M4x11 | AAL-03-3 |
| **4040 S27C** | ○ | ○ | 40 | 40 | 250 | 50 | **TNM. 2706..** | APL-05 | ALV-05-M10x27 | AATN-3-0027 | AAY-04 | ACK-09 | AAV-05-M6x15 | AAL-05-4 |

**KAPR=90°**




**PTGNR**



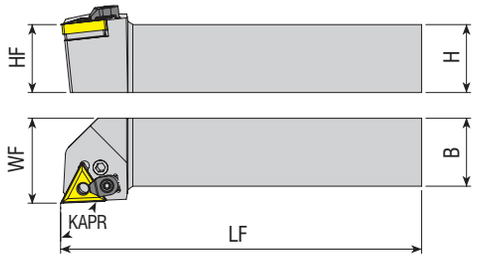
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Levye *Lever* *Kniehebel* | Levye Vidası *Lever Screw* *Kniehebelschraube* | Altlık *Shim* *Unterlage* | Altlık Yayı *Shim Spring* *Feder für Unterlage* | Baskı Parçası *Wedge Clamp* *Spannpratze* | Baskı Vidası *Clamp Screw* *Klemmschraube* | Anahtar *Allen Key* *Innensechskantschlüssel* |
| | R | L | HF=H | B | LF | WF |  |  |  |  |  |  |  |  |
| **PTGNR/L 1010 E11** | ○ | ○ | 10 | 10 | 70 | 12 | | | | | | | | |
| **1212 F11** | ○ | ○ | 12 | 12 | 80 | 16 | **TNM. 1103..** | APL-11 | ALV-10-M5X10 | - | - | - | - | AAL-13-2.5 |
| **1616 H11** | ○ | ○ | 16 | 16 | 100 | 20 | | | | | | | | |
| **1616 H16** | ● | ● | 16 | 16 | 100 | 20 | | | | | | | | |
| **2020 K16** | ● | ● | 20 | 20 | 125 | 25 | | | | | | | | |
| **2525 M16** | ● | ● | 25 | 25 | 150 | 32 | **TNM. 1604..** | APL-01 | ALV-02-M6x17 | AATN-3-0025 | AAY-01 | - | - | AAL-02-2.5 |
| **3232 P16** | ○ | ○ | 32 | 32 | 170 | 40 | | | | | | | | |
| **2525 M22C** | ● | ● | 25 | 25 | 150 | 32 | | | | | | | | |
| **3232 P22C** | ● | ● | 32 | 32 | 170 | 40 | **TNM. 2204..** | APL-02 | ALV-03-M8x19 | AATN-3-0015 | AAY-02 | ACK-05 | 4015-M4x11 | AAL-03-3 |
| **4040 S27C** | ○ | ○ | 40 | 40 | 250 | 50 | **TNM. 2706..** | APL-05 | ALV-05-M10x27 | AATN-3-0027 | AAY-04 | ACK-09 | AAV-05-M6x15 | 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*

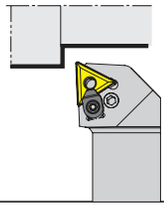
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück PTFNR 1616 H16

**KAPR=93°**



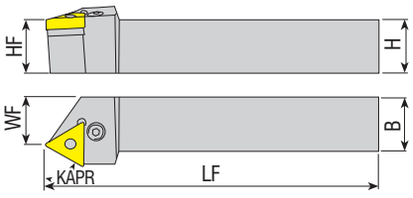

**PTJNR**



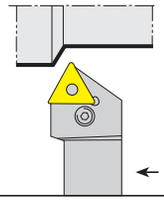
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 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 | | | | | | | | |
| **PTJNR/L 1010 E11** | ○ | ○ | 10 | 10 | 70 | 12 | **TNM. 1103..** | APL-11 | ALV-10-M5X10 | - | - | - | - | AAL-13-2.5 |
| **1212 F11** | ○ | ○ | 12 | 12 | 80 | 16 | | | | | | | | |
| **1616 H11** | ○ | ○ | 16 | 16 | 100 | 20 | | | | | | | | |
| **1616 H16** | ● | ● | 16 | 16 | 100 | 20 | **TNM. 1604..** | APL-01 | ALV-02-M6x17 | AATN-3-0025 | AAY-01 | - | - | AAL-02-2.5 |
| **2020 K16** | ● | ● | 20 | 20 | 125 | 25 | | | | | | | | |
| **2525 M16** | ● | ● | 25 | 25 | 150 | 32 | | | | | | | | |
| **3232 P16** | ● | ● | 32 | 32 | 170 | 40 | | | | | | | | |
| **2525 M22C** | ● | ● | 25 | 25 | 150 | 32 | **TNM. 2204..** | APL-02 | ALV-03-M8x19 | AATN-3-0015 | AAY-02 | ACK-05 | 4015-M4x11 | AAL-03-3 |
| **3232 P22C** | ● | ● | 32 | 32 | 170 | 40 | | | | | | | | |
| **4040 S27C** | ● | ○ | 40 | 40 | 250 | 50 | **TNM. 2706..** | APL-05 | ALV-05-M10x27 | AATN-3-0027 | AAY-04 | ACK-09 | AAV-05-M6x15 | AAL-05-4 |

**KAPR=60°**




**PTTNR**

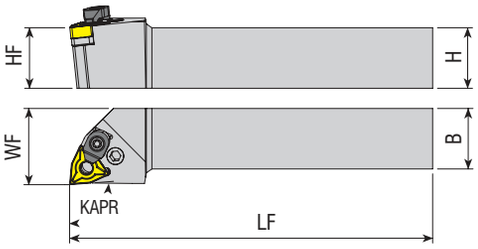


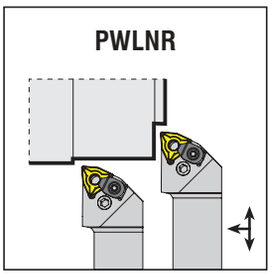
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 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 | **TNM. 1604..** | APL-01 | ALV-02-M6x17 | AATN-3-0025 | AAY-01 | - | - | AAL-02-2.5 |
| **2020 K16** | ● | ● | 20 | 20 | 125 | 17 | | | | | | | | |
| **2525 M16** | ● | ● | 25 | 25 | 150 | 21.5 | | | | | | | | |
| **3232 P16** | ● | ● | 32 | 32 | 170 | 31 | | | | | | | | |
| **2525 M22C** | ● | ● | 25 | 25 | 150 | 20.5 | **TNM. 2204..** | APL-02 | ALV-03-M8x19 | AATN-3-0015 | AAY-02 | ACK-05 | 4015-M4x11 | AAL-03-3 |
| **3232 P22C** | ● | ● | 32 | 32 | 170 | 29 | | | | | | | | |

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 PTJNR 1010 E11

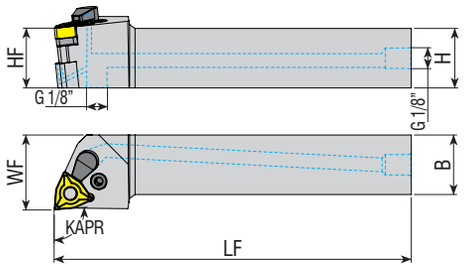


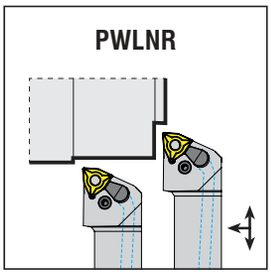




| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* R | L | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* HF=H | B | LF | WF | Kesici Uç / *Insert* / *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Levye / *Lever* / *Kniehebel* | Levye 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* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PWLNR/L 1616 H06** | ● | ● | 16 | 16 | 100 | 20 | **WNM. 0604..** | APL-01 | ALV-02-M6x17 | AAWN-SW317 | AAY-01 | - | - | AAL-02-2.5 |
| **2020 K06** | ● | ● | 20 | 20 | 125 | 25 | | | | | | | | |
| **2525 M06** | ● | ● | 25 | 25 | 150 | 32 | | | | | | | | |
| **3232 P06** | ○ | ○ | 32 | 32 | 170 | 40 | | | | | | | | |
| **1616 H08** | ● | ● | 16 | 16 | 100 | 20 | **WNM. 0804..** | APL-02 | ALV-03-M8x19 | AAWN-3-0001 | AAY-02 | ACK-05 | 4015-M4x11 | AAL-03-3 |
| **2020 K08C** | ● | ● | 20 | 20 | 125 | 25 | | | | | | | | |
| **2525 M08C** | ● | ● | 25 | 25 | 150 | 32 | | | | | | | | |
| **3232 P08C** | ● | ● | 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* 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* / *Резьбовой Винт* | Nozul / *Spannpratze* / *Spannpratze COX* | Anahtar / *Allen Key* / *Innensechskantschlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PWLNR/L 2020 K08-H** | ● | ● | 20 | 20 | 125 | 25 | **WNM. 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 |
| **2525 M08-H** | ● | ● | 25 | 25 | 150 | 32 | | | | | | | | | |

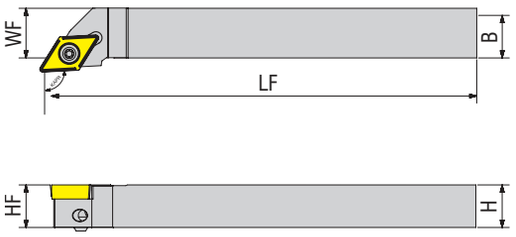
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

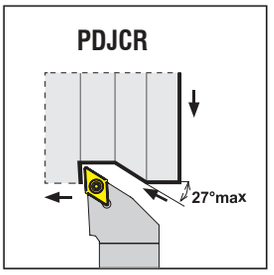
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück PWLNR 1616 H06

new

**KAPR=93°**



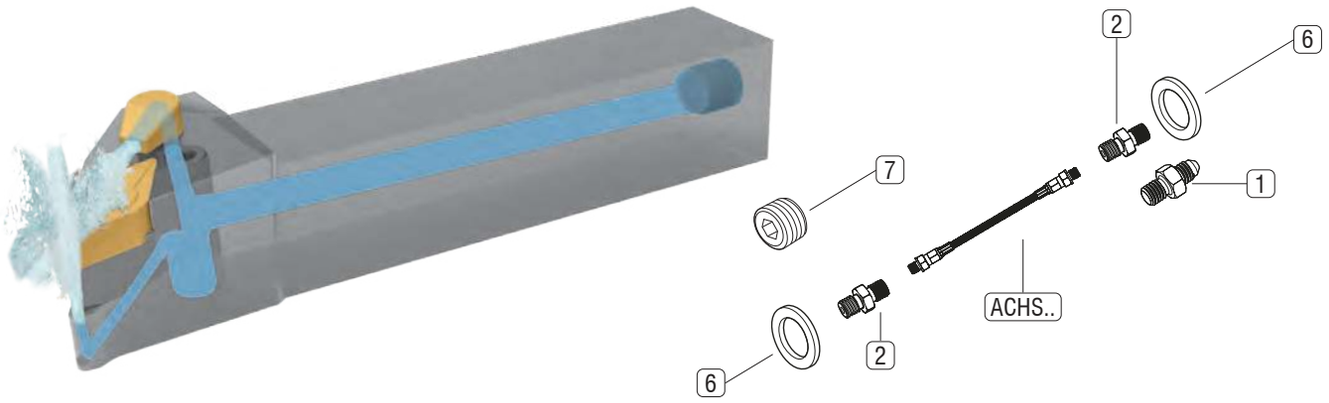




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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.T 11T3..** | APL-14 / APL-15 | 2802-M4x8 | - | - | - | - | AAL-01-02 |
| **1212 K11-S** | ● | ○ | 12 | 12 | 125 | 12 | | | | | | | | |
| **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 PDJCR 1010 K11-S






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 275 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 275 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. 275 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...*

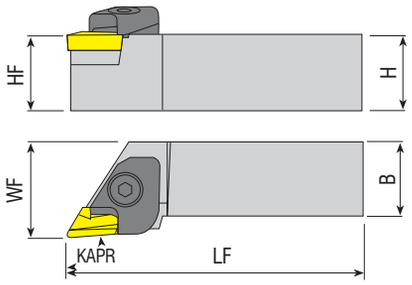
# C-SİSTEM

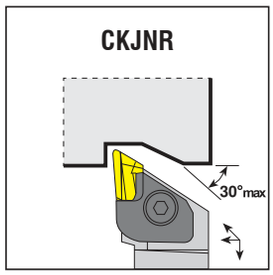
**C-SİSTEM DIŞ TORNA KATERLERİ**
*C-SYSTEM EXTERNAL TURNING TOOLHOLDERS*
*C-SYSTEM AUSSEN - DREHHALTER*




www.akko.com.tr

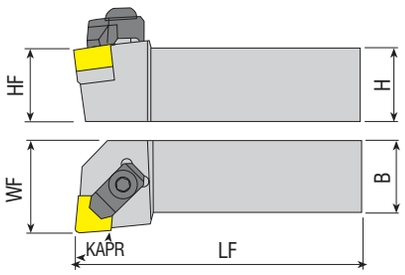


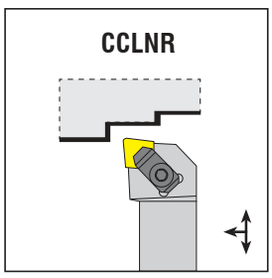




| Takım Kodu / Ordering Code / Bestell-Bezeichnung | Stok / Stock / Lager | | Takım Ölçüleri (mm) / Dimension (mm) / Abmessung (mm) | | | | Kesici Uç / Insert / Wendeschneidplatte | Yedek Parçaları / Spare Parts / Ersatzteile | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 |
| **2525 M16** | ● | ● | 25 | 25 | 150 | 31.5 | | | | | | | | |
| **3232 P16** | ● | ● | 32 | 32 | 170 | 40 | | | | | | | | |
| **4040 S16** | ● | ● | 40 | 40 | 250 | 50 | | | | | | | | |



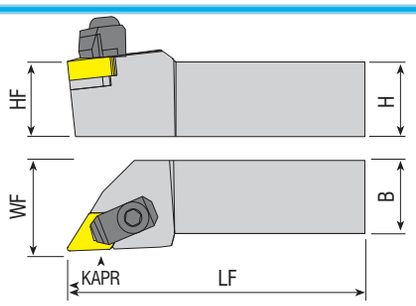

| Takım Kodu / Ordering Code / Bestell-Bezeichnung | Stok / Stock / Lager | | Takım Ölçüleri (mm) / Dimension (mm) / Abmessung (mm) | | | | Kesici Uç / Insert / Wendeschneidplatte | Yedek Parçaları / Spare Parts / Ersatzteile | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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.N 1207..** | ACK-13 | AKV-11-M8x29 | AACN-3-0001 | AAV-02-M5x12 | ACS-01 | AAL-05-4 | |
| **3232 P1207C** | ● | ● | 32 | 32 | 170 | 40 | | | | | | | | |
| **2525 M1607C** | ● | ● | 25 | 25 | 150 | 32 | **CN.N 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*

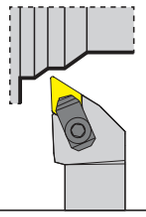
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück CKJNR 2020 K16

**KAPR=93°**





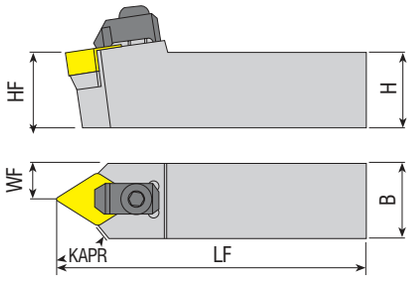

**CDJNR**



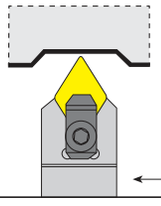
| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* | | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* | | | | Kesici Uç / *Insert* / *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 |
| **CDJNR/L 2525 M1107C** | ● | ● | 25 | 25 | 150 | 32 | **DN.N 1107..** | ACK-22 | AKV-11-M8x29 | AADN-2-0001 | AAV-04-M5x12 | ACS-01 | AAL-05-4 |
| **2525 M1507C** | ● | ● | 25 | 25 | 150 | 32 | **DN.N 1507..** | ACK-13 | AKV-11-M8x29 | AADN-3-0001 | AAV-02-M5x12 | ACS-01 | AAL-05-4 |
| **3232 P1507C** | ● | ● | 32 | 32 | 170 | 40 | | | | | | | |

**KAPR=62.5°**






**CDNNN**

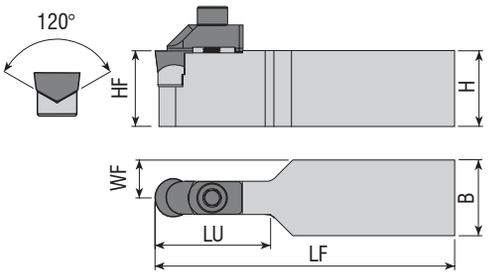


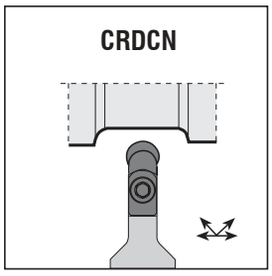
| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* | | | | Kesici Uç / *Insert* / *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 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 |
| **CDNNN 2525 M1107C** | ● | 25 | 25 | 150 | 12.5 | **DN.N 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



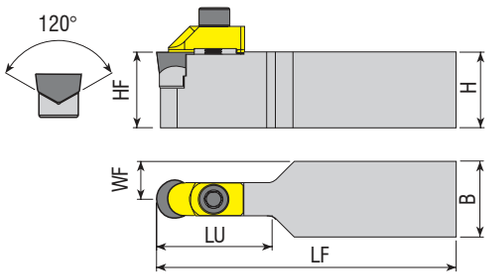



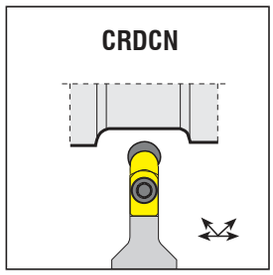




| Takım Kodu / Ordering Code / Bestell-Bezeichnung | Stok / Stock / Lager | Takım Ölçüleri (mm) / Dimension (mm) / Abmessung (mm) HF=H | B | LF | LU | WF | Kesici Uç / Insert / Wendeschneidplatte | Yedek Parçaları / Spare Parts / Ersatzteile: Baskı Pabucu / Wedge Clamp / Spannpratze | Pabuç Vidası / Clamp Screw / Klemmschraube | Altlık / Shim / Unterlage | Altlık Vidası / Shim Screw / Schraube für Unterlage | Anahtar / Allen Key / Innensechskantschlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CRDCN 2525 M06CV | ● | 25 | 25 | 150 | 19 | 12.5 | | | | | | |
| 3225 P06CV | ● | 32 | 25 | 170 | 19 | 12.5 | RCGX 0606.. | ACK-27 | 2525-M3X14 | AARC-3-0001 | 3007-M2.2X4.6 | AAL-02-2.5 |
| 4040 S06CV | ● | 40 | 40 | 250 | 19 | 20 | | | | | | |
| 2525 M09CV | ● | 25 | 25 | 150 | 29 | 12.5 | | | | | | |
| 3225 P09CV | ● | 32 | 25 | 170 | 29 | 12.5 | RCGX 0907.. | ACK-28 | 2504-M5X16 | AARC-3-0002 | 3008-M2.5x6 | AAL-05-4 |
| 4040 S09CV | ● | 40 | 40 | 250 | 29 | 20 | | | | | | |
| 2525 M12CV | ● | 25 | 25 | 150 | 38 | 12.5 | | | | | | |
| 3225 P12CV | ● | 32 | 25 | 170 | 38 | 12.5 | RCGX 1207.. | ACK-29 | 2505-M6X20 | AARC-3-0003 | 3008-M2.5x6 | AAL-07-5 |
| 4040 S12CV | ● | 40 | 40 | 250 | 38 | 20 | | | | | | |

new



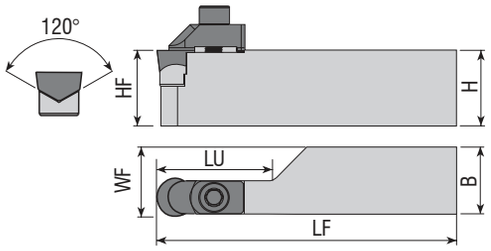




| Takım Kodu / Ordering Code / Bestell-Bezeichnung | Stok / Stock / Lager | Takım Ölçüleri (mm) / Dimension (mm) / Abmessung (mm) HF=H | B | LF | LU | WF | Kesici Uç / Insert / Wendeschneidplatte | Yedek Parçaları / Spare Parts / Ersatzteile: Baskı Pabucu / Wedge Clamp / Spannpratze | Pabuç Vidası / 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 | | | | | | |
| 4040 R06CVK | ● | 40 | 40 | 200 | 19 | 20 | RCGX 060600 | ACK-42 | 2525-M3x12 | AARC-3-0005 | 2008-M2.5X12 | AAL-02-2.5 |
| 3232 P09CVK | ● | 32 | 32 | 170 | 29 | 16 | | | | | | |
| 4040 R09CVK | ● | 40 | 40 | 200 | 29 | 20 | RCGX 090700 | ACK-43 | 2504-M5x14 | AARC-3-0006 | 4015-M3.5x14 | AAL-05-4 |
| 3232 P12CVK | ● | 32 | 32 | 170 | 38 | 16 | | | | | | |
| 4040 R12CVK | ● | 40 | 40 | 200 | 38 | 20 | RCGX 120700 | ACK-44 | 2505-M6x16 | AARC-3-0007 | 1620-M5x18 | AAL-07-5 |

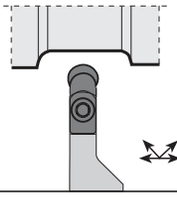
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück CRDCN 2525 M06CV





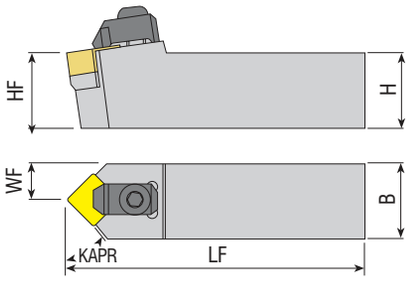

**CRDCR**



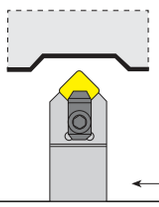
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 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 | |
| **3225 P09CV** | ● | ● | 32 | 25 | 170 | 29 | 25.8 | **RCGX 0907..** | ACK-28 | 2504-M5X16 | AARC-3-0002 | 3008-M2.5x6 | AAL-05-4 | |
| **3225 P12CV** | ● | ● | 32 | 25 | 170 | 38.5 | 25.9 | **RCGX 1207..** | ACK-29 | 2505-M6X20 | AARC-3-0003 | 3008-M2.5x6 | AAL-07-5 | |

**KAPR=45°**






**CSDNN**

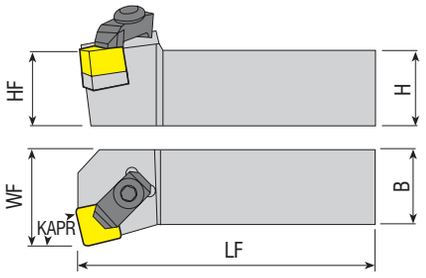


| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | 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 | | | | | | | | |
| **CSDNN 2525 M1207C** | ● | 25 | 25 | 150 | 12.5 | **SN.N 1207..** | ACK-13 | AKV-11-M8x29 | AASN-3-0004 | AAV-02-M5x12 | ACS-01 | AAL-05-4 | |
| **3232 P1207C** | ● | 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 CRDCR 3225 P06CV



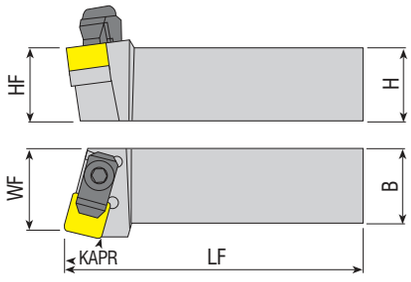



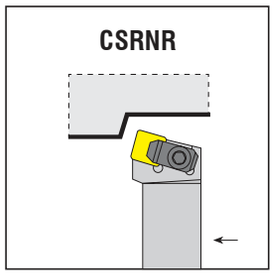




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 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 | | | | | | | |
| **CSKNR/L 2525 M1207C** | ● | ● | 25 | 25 | 150 | 32 | **SN.N 1207..** | ACK-13 | AKV-11-M8x29 | AASN-3-0004 | AAV-02-M5x12 | ACS-01 | AAL-05-4 |
| **3232 P1207C** | ● | ● | 32 | 32 | 170 | 40 | | | | | | | |



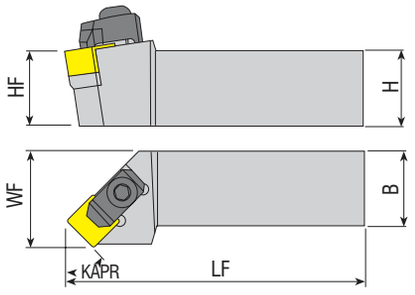

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 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.N 1207..** | ACK-13 | AKV-11-M8x29 | AASN-3-0004 | AAV-02-M5x12 | ACS-01 | AAL-05-4 |
| **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*

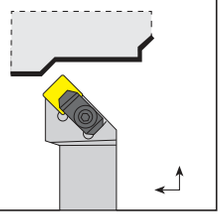
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück CSKNR 2525 M1207C

**KAPR=45°**



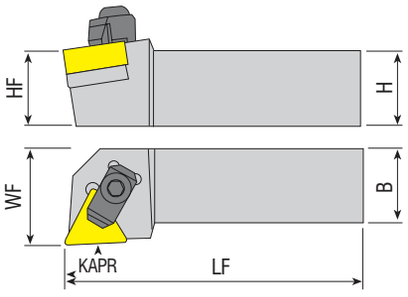

**CSSNR**



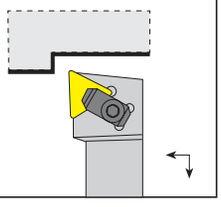
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 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.N 1207..** | ACK-13 | AKV-11-M8x29 | AASN-3-0004 | AAV-02-M5x12 | ACS-01 | AAL-05-4 |
| **3232 P1207C** | ● | ● | 32 | 32 | 170 | 40 | | | | | | | |

**KAPR=93°**




**CTJNR**



| Takım 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.N 1607..** | ACK-14 | AKV-11-M8x29 | AATN-2-0002 | AAV-03-M5x12 | ACS-01 | AAL-05-4 |
| **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 CSSNR 2525 M1207C

AKKO®

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

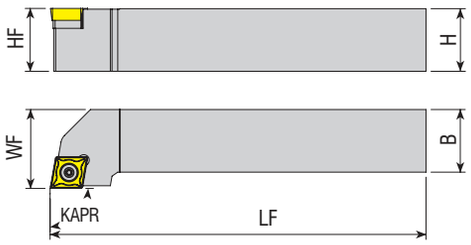
# S-SİSTEM

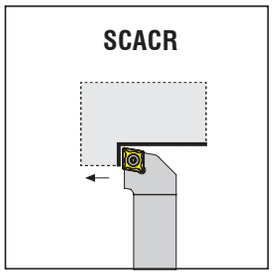
**S-SİSTEM DIŞ TORNA KATERLERİ**
*S-SYSTEM EXTERNAL TURNING TOOLHOLDERS*
*S-SYSTEM AUSSEN - DREHHALTER*



**KAPR=90°**

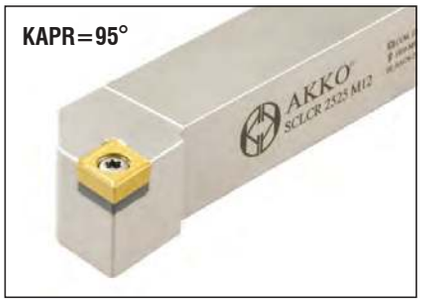


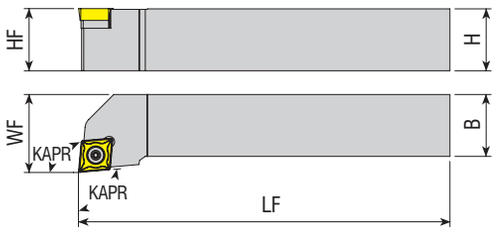



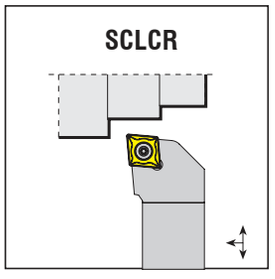




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | |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

**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* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 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 | **CCM. 0602..** | 4008-M2.5x6 | - | - | 82-T08 |
| **1010 E06** | ● | ○ | 10 | 10 | 70 | 12 | | | | | |
| **1212 F06** | ● | ● | 12 | 12 | 80 | 16 | | | | | |
| **1010 E09** | ● | ● | 10 | 10 | 70 | 12 | **CC.T 09T3..** | 4015-M3.5x9 | - | - | 80-T15 |
| **1212 F09** | ● | ● | 12 | 12 | 80 | 16 | | 4015-M3.5x11 | - | - | |
| **1616 H09** | ● | ● | 16 | 16 | 100 | 20 | | 4015-M3.5x14 | AACN-2-0001 | AAV-06-M3.5x11 | |
| **2020 K09** | ● | ● | 20 | 20 | 125 | 25 | | | | | |
| **2525 M09** | ● | ● | 25 | 25 | 150 | 32 | | | | | |
| **1616 H12** | ● | ○ | 16 | 16 | 100 | 20 | **CC.T 1204..** | 1020-M5x11 | - | - | 80-T20 |
| **2020 K12** | ● | ● | 20 | 20 | 125 | 25 | | 1020-M4.5x16 | AACN-2-0003 | AAV-07-M4.5x13 | |
| **2525 M12** | ● | ● | 25 | 25 | 150 | 32 | | | | | |

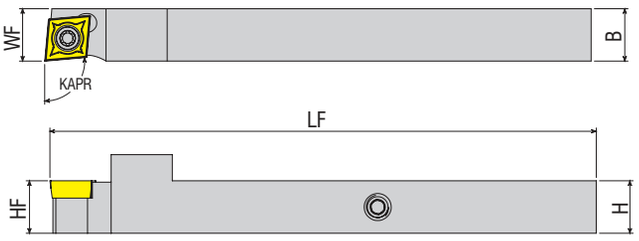
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

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

new

**KAPR=95°**

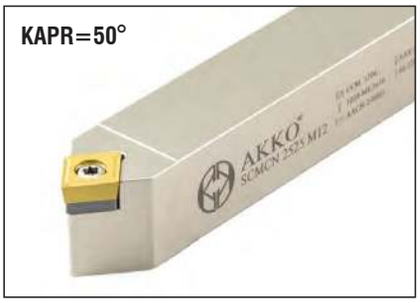


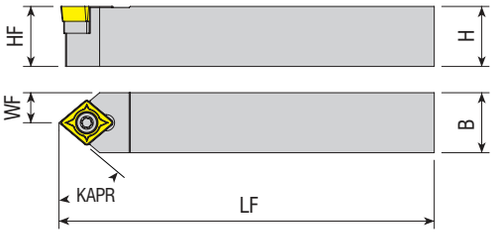


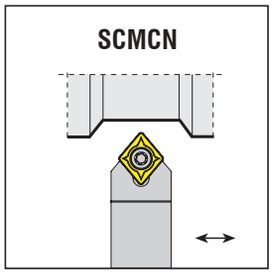

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık 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 |  |  |  |  |  |  |  |
| **SCLCR/L 1212 K09-SHP** | ● | ○ | 12 | 12 | 125 | 12 | **CC.T 09T3..** | 4015-M3.5x11 | - | - | 2703-M6X4 | AAL-03-3 | 80-T15 |
| **1616 K09-SHP** | ● | ○ | 16 | 16 | 125 | 16 | | | | | 2704-M8X1X5 | AAL-05-4 | |

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

**KAPR=50°**





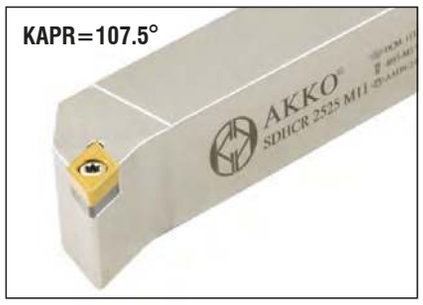



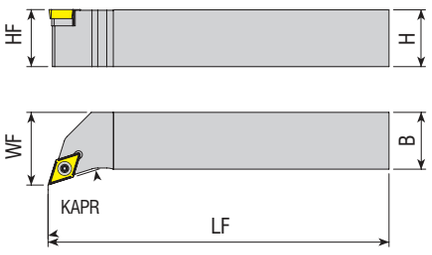

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık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

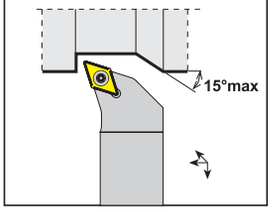
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück SCLCR/L 1212 K09-SHP

**KAPR=107.5°**



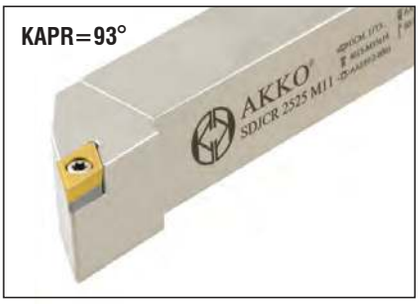



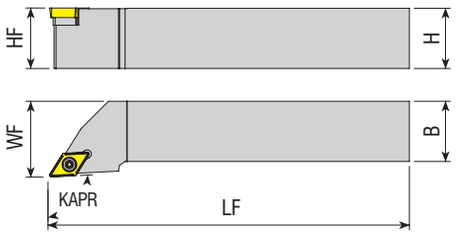

**SDHCR**



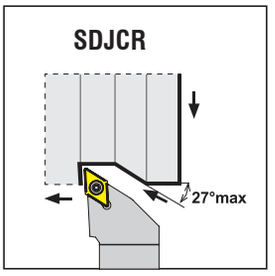

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 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.T 0702..** | 4008-M2.5x6 | - | - | 82-T08 |
| **1010 E07** | ● | ● | 10 | 10 | 70 | 12 | | | | | |
| **1212 F07** | ● | ● | 12 | 12 | 80 | 16 | | | | | |
| **1616 H07** | ● | ● | 16 | 16 | 100 | 20 | | | | | |
| **1616 H11** | ● | ● | 16 | 16 | 100 | 20 | **DC.T 11T3..** | 4015-M3.5x14 | AADN-2-0001 | AAV-06-M3.5x11 | 80-T15 |
| **2020 K11** | ● | ● | 20 | 20 | 125 | 25 | | | | | |
| **2525 M11** | ● | ● | 25 | 25 | 150 | 32 | | | | | |
| **3232 P11** | ● | ● | 32 | 32 | 170 | 40 | | | | | |

**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* |
| | | | HF=H | B | LF | WF |  |  |  |  |  |
| **SDJCR/L 0808 E07** | ● | ● | 08 | 08 | 70 | 10 | **DC.T 0702..** | 4008-M2.5x6 | - | - | 82-T08 |
| **1010 E07** | ● | ● | 10 | 10 | 70 | 12 | | | | | |
| **1212 F07** | ● | ● | 12 | 12 | 80 | 16 | | | | | |
| **1616 H07** | ● | ● | 16 | 16 | 100 | 20 | | | | | |
| new **1212 F11** | ● | ● | 12 | 12 | 80 | 16 | **DC.T 11T3..** | 4015-M3.5x14 | AADN-2-0001 | AAV-06-M3.5x11 | 80-T15 |
| **1616 H11** | ● | ● | 16 | 16 | 100 | 20 | | | | | |
| **2020 K11** | ● | ● | 20 | 20 | 125 | 25 | | | | | |
| **2525 M11** | ● | ● | 25 | 25 | 150 | 32 | | | | | |
| **3232 P11** | ● | ● | 32 | 32 | 170 | 40 | | | | | |

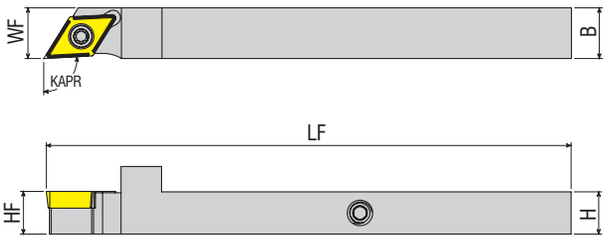
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

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

new

**KAPR=93°**



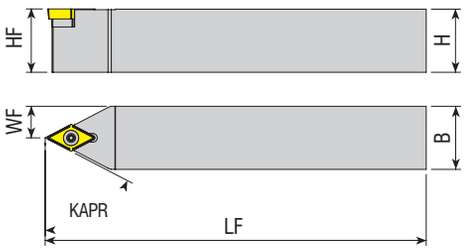


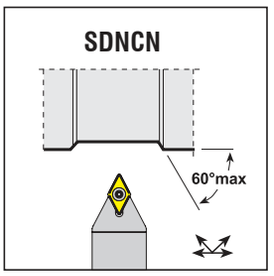

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık 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-SHP** | ● | ○ | 8 | 10 | 90 | 10 | **DC.T 0702..** | 4008-M2.5x6 | - | - | 2703-M6X4 | AAL-03-3 | 82-T08 |
| **1010 K07-SHP** | ● | ○ | 10 | 10 | 125 | 10 | | | | | | | |
| **1012 K11-SHP** | ● | ○ | 10 | 12 | 125 | 12 | **DC.T 11T3..** | 4015-M3.5x14 | | | | | 80-T15 |
| **1212 K11-SHP** | ● | ○ | 12 | 12 | 125 | 12 | | | | | | | |
| **1616 K11-SHP** | ● | ○ | 16 | 16 | 125 | 16 | | | | | 2704-M8X1X5 | AAL-05-4 | |

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

**KAPR=62.5°**



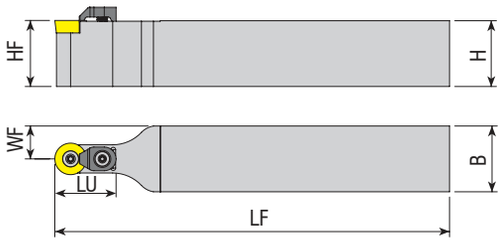



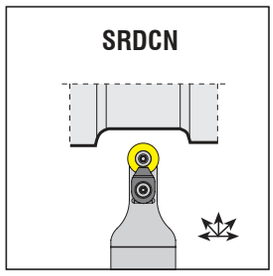

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık 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.T 0702..** | 4008-M2.5x6 | - | - | 82-T08 |
| **1010 E07** | ● | 10 | 10 | 70 | 5 | | | | | |
| **1212 F07** | ● | 12 | 12 | 80 | 6 | | | | | |
| **1616 H07** | ● | 16 | 16 | 100 | 8 | | | | | |
| **1616 H11** | ● | 16 | 16 | 100 | 8 | **DC.T 11T3..** | 4015-M3.5x14 | AADN-2-0001 | AAV-06-M3.5x11 | 80-T15 |
| **2020 K11** | ● | 20 | 20 | 125 | 10 | | | | | |
| **2525 M11** | ● | 25 | 25 | 150 | 12.5 | | | | | |
| **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/L 0810 G07-SHP



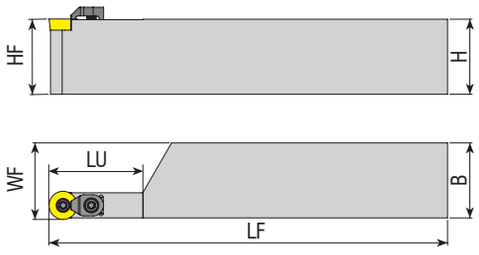

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 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 | | | | | | | |
| **2020 K06** | ● | 20 | 20 | 125 | 17 | 10 | **RC.T 0602..** | 3008-M2.5x6 | - | - | - | - | |
| **2525 M06** | ● | 25 | 25 | 150 | 17 | 12.5 | | | | | | | 82-T08 |
| **1616 H08C** | ● | 16 | 16 | 100 | 15 | 8 | | | | | | | |
| **2020 K08C** | ● | 20 | 20 | 125 | 20 | 10 | **RC.T 0803..** | 3008-M3x8 | - | - | | | |
| **2525 M08C** | ● | 25 | 25 | 150 | 20 | 12.5 | | | | | ACK-15 | 4015-M3.5x11 | |
| **1616 H10C** | ● | 16 | 16 | 100 | 20 | 8 | | | | | | | |
| **2020 K10C** | ● | 20 | 20 | 125 | 20 | 10 | **RC.T 10T3..** | 4015-M3.5x11 | - | - | | | |
| **2525 M10C** | ● | 25 | 25 | 150 | 20 | 12.5 | | | | | | | |
| **3232 P10C** | ● | 32 | 32 | 170 | 20 | 16 | | | | | | | 80-T15 |
| **2020 K12C** | ● | 20 | 20 | 125 | 22 | 10 | | | | | | | |
| **2525 M12C** | ● | 25 | 25 | 150 | 22 | 12.5 | **RC.T 1204..** | 4015-M3.5x11 | - | - | | | |
| **3232 P12C** | ● | 32 | 32 | 170 | 22 | 16 | | | | | ACK-05 | 4015-M4x11 | |
| **2525 M16C** | ● | 25 | 25 | 150 | 32 | 12.5 | **RC.T 1605..** | 1020-M5x11 | - | - | | | |
| **3232 P16C** | ● | 32 | 32 | 170 | 35 | 16 | | | | | | | 80-T20 |
| **2525 M20C** | ● | 25 | 25 | 150 | 32 | 12.5 | **RC.T 2006..** | 1420-M6x16 | | | | | |
| **3232 P20C** | ● | 32 | 32 | 170 | 40 | 16 | | | - | - | ACK-09 | AAV-05-M6x15 | |
| **3232 P25C** | ● | 32 | 32 | 170 | 40 | 16 | **RC.T 2507..** | 1520-M6x16 | | | | | |
| **3232 P32C** | ● | 32 | 32 | 170 | 45 | 16 | **RC.T 3209..** | 1904-M8x1x20 | | | | | AAL-05-4 |

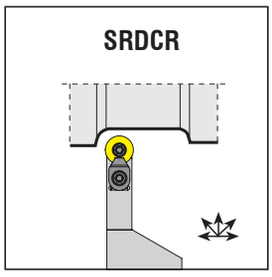
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

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



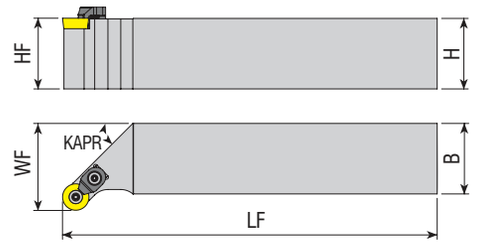


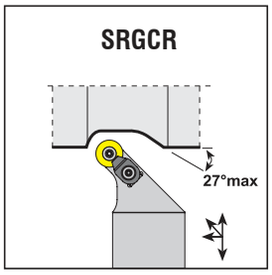




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 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* |
| | R | L | HF=H | B | LF | LU | WF | | | | | | | |
| **SRDCR/L 3232 T06** | ● | ● | 32 | 32 | 300 | 20 | 32.35 | **RC.T 0602..** | 3008-M2.5x6 | - | - | - | - | 82-T08 |
| **3232 P12C** | ● | ● | 32 | 32 | 170 | 40 | 32.65 | **RC.T 1204..** | 4015-M3.5x11 | | | ACK-05 | 4015-M4x11 | 80-T15 |



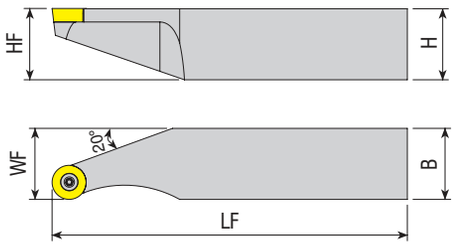



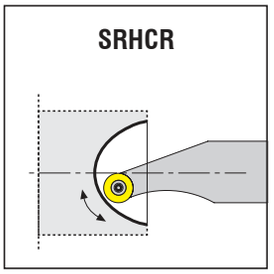

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage*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

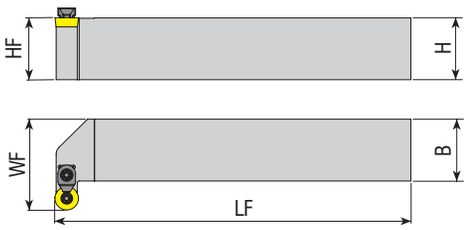


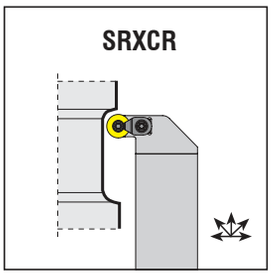




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık 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.T 0602..** | 3008-M2.5x6 | - | - | 82-T08 |
| **2525 K08** | ● | ● | 25 | 25 | 125 | 25 | 32.5 | **RC.T 0803..** | 3008-M3x8 | - | - | |
| **2525 K10** | ● | ● | 25 | 25 | 125 | 25 | 36 | **RC.T 10T3..** | 4015-M3.5x11 | - | - | 80-T15 |
| **2525 K12** | ● | ● | 25 | 25 | 125 | 25 | 40 | **RC.T 1204..** | | | | |
| **2525 K16** | ● | ● | 25 | 25 | 125 | 25 | 47.5 | **RC.T 1606..** | 1020-M5x11 | - | - | 80-T20 |



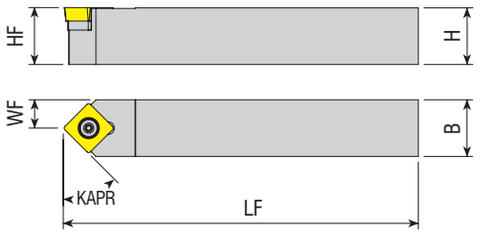

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | 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.T 0803..** | 3008-M3x8 | - | - | ACK-15 | 4015-M3.5x11 | 82-T08 |
| **3232 X10C** | ● | ● | 32 | 32 | 220 | 47 | **RC.T 10T3..** | 4015-M3.5x11 | | | | | 80-T15 |
| **3232 X12C** | ● | ● | 32 | 32 | 220 | 47 | **RC.T 1204..** | | | | ACK-05 | 4015-M4x11 | |

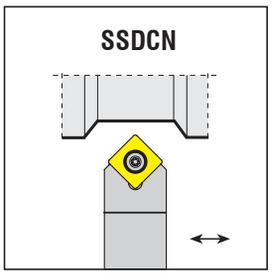
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

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

**KAPR=45°**



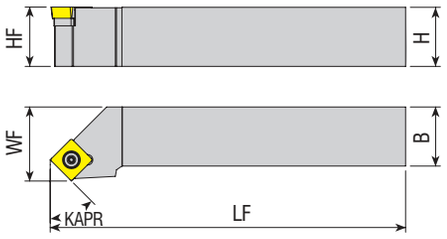



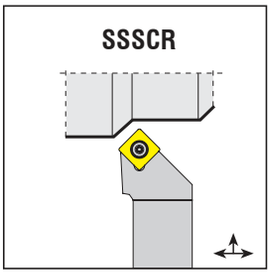




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | HF=H | B | LF | 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.T 09T3..** | 4015-M3.5x11 | - | - | 80-T15 |
| **1616 H09** | ● | 16 | 16 | 100 | 8 | | 4015-M3.5x14 | AASN-2-0001 | AAV-06-M3.5x11 | |
| **2020 K09** | ● | 20 | 20 | 125 | 10 | | | | | |
| **1616 H12** | ● | 16 | 16 | 100 | 8 | **SC.T 1204..** | 4020-M4.5x12 | AASN-2-0004 | AAV-10-M4.5x8 | 80-T20 |
| **2020 K12** | ● | 20 | 20 | 125 | 10 | | 1020-M4.5x16 | | AAV-07-M4.5x13 | |
| **2525 M12** | ● | 25 | 25 | 150 | 12.5 | | | | | |

**KAPR=45°**



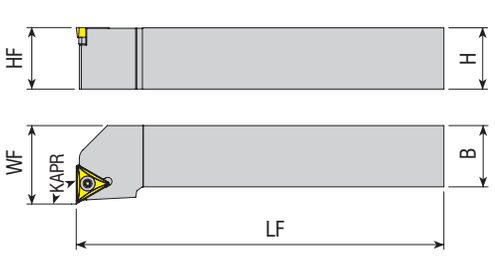



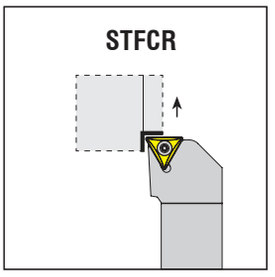

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | HF=H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

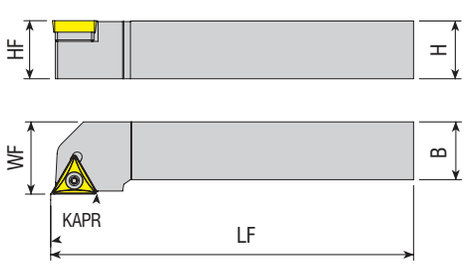


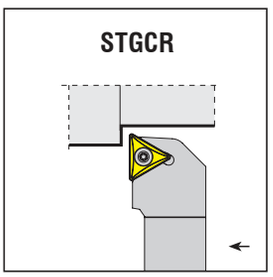




| Takım Kodu *Ordering Code* Bestell-Bezeichnung | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık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



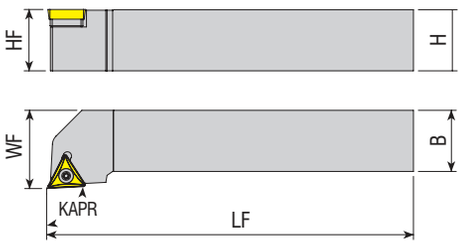

| Takım Kodu *Ordering Code* Bestell-Bezeichnung | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık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

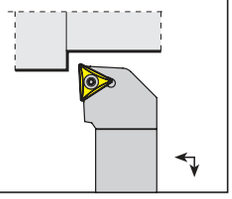
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück STFCR 0808 E09

**KAPR=93°**



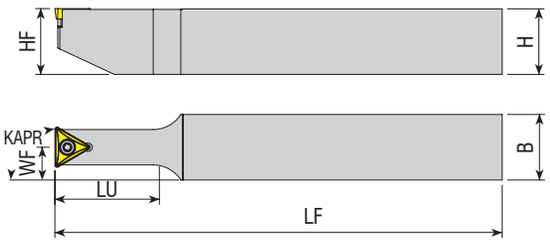

**STJCR**



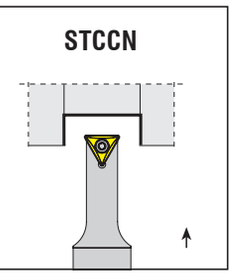
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık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

**KAPR=90°**




**STCCN**



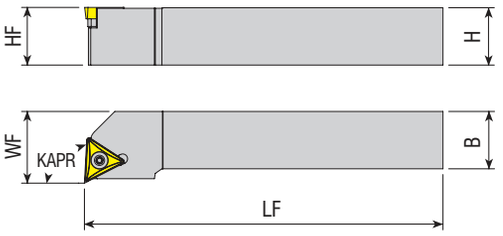
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık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

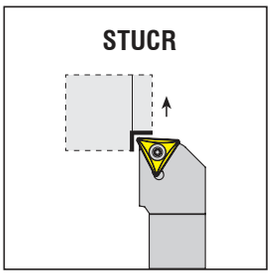
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

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

**KAPR=93°**



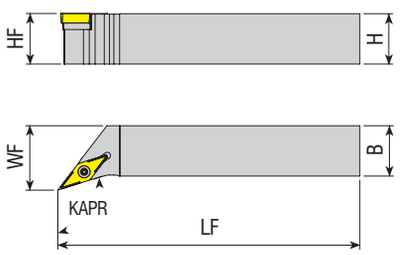



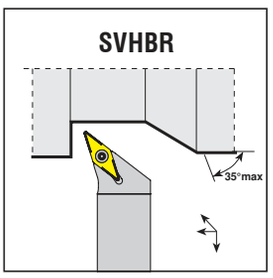



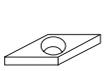

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 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 |  |  |  |  |  |
| **STUCR/L 0808 E09** | ● | ● | 08 | 08 | 70 | 10 | **TC.T 0902..** | 3007-M2.2x4.6 | - | - | 82-T07 |
| **1010 E09** | ● | ● | 10 | 10 | 70 | 12 | | | | | |
| **1212 F11** | ● | ● | 12 | 12 | 80 | 16 | **TC.T 1102..** | 4008-M2.5x6 | | | 82-T08 |
| **1616 H11** | ● | ● | 16 | 16 | 100 | 20 | | | | | |
| **1616 H16** | ○ | ○ | 16 | 16 | 100 | 20 | **TC.T 16T3..** | 4015-M3.5x14 | AATN-2-0001 | AAV-06-M3.5x11 | 80-T15 |
| **2020 K16** | ● | ● | 20 | 20 | 125 | 25 | | | | | |
| **2525 M16** | ● | ● | 25 | 25 | 150 | 32 | | | | | |
| **3232 P16** | ● | ● | 32 | 32 | 170 | 40 | | | | | |

**KAPR=107.5°**



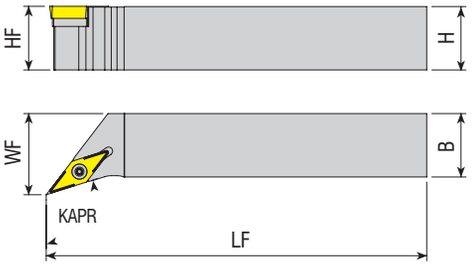



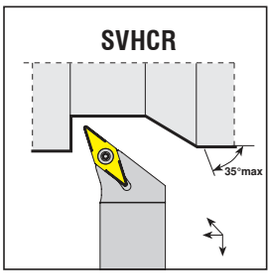

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 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 |  |  |  |  |  |
| **SVHBR/L 1212 F11** | ● | ● | 12 | 12 | 80 | 16 | **VB.T 1103..** | 4008-M2.5x6 | - | - | 82-T08 |
| **1616 H11** | ● | ● | 16 | 16 | 100 | 20 | | | | | |
| **2020 K11** | ● | ● | 20 | 20 | 125 | 25 | | | | | |
| **2020 K16** | ● | ● | 20 | 20 | 125 | 25 | **VB.T 1604..** | 4015-M3.5x14 | AAVN-2-0002 | AAV-06-M3.5x11 | 80-T15 |
| **2525 M16** | ● | ● | 25 | 25 | 150 | 32 | | | | | |
| **3232 P16** | ● | ● | 32 | 32 | 170 | 40 | | | | | |

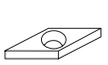
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

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

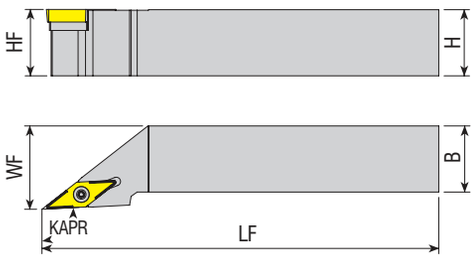


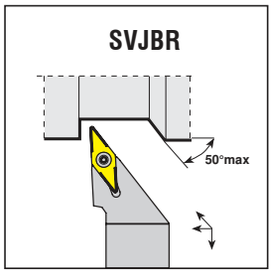



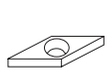




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 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 |  |  |  |  |  |
| **SVHCR/L 1212 F11** | ● | ● | 12 | 12 | 80 | 16 | | | | | |
| **1616 H11** | ● | ● | 16 | 16 | 100 | 20 | **VC.T 1103..** | 4008-M2.5x6 | - | - | 82-T08 |
| **2020 K11** | ● | ● | 20 | 20 | 125 | 25 | | | | | |
| **2020 K16** | ● | ● | 20 | 20 | 125 | 25 | | | | | |
| **2525 M16** | ● | ● | 25 | 25 | 150 | 32 | **VC.T 1604..** | 4015-M3.5x14 | AAVN-2-0002 | AAV-06-M3.5x11 | 80-T15 |
| **3232 P16** | ● | ● | 32 | 32 | 170 | 40 | | | | | |



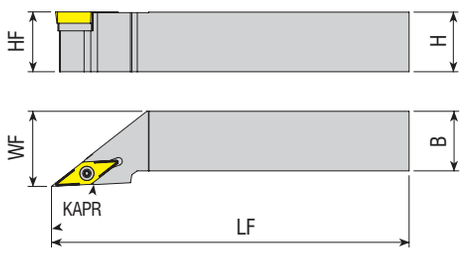



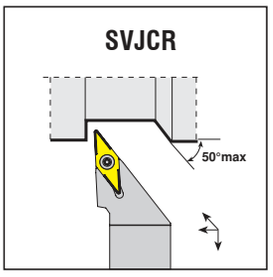

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 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 |  |  |  |  |  |
| **SVJBR/L 1212 F11** | ● | ● | 12 | 12 | 80 | 16 | | | | | |
| **1616 H11** | ● | ● | 16 | 16 | 100 | 20 | **VB.T 1103..** | 4008-M2.5x6 | - | - | 82-T08 |
| **2020 K11** | ● | ● | 20 | 20 | 125 | 25 | | | | | |
| **1616 H16** | ● | ● | 16 | 16 | 100 | 20 | | 4015-M3.5x12 | | AAV-08-M3.5x8 | |
| **2020 K16** | ● | ● | 20 | 20 | 125 | 25 | **VB.T 1604..** | 4015-M3.5x14 | AAVN-2-0002 | AAV-06-M3.5x11 | 80-T15 |
| **2525 M16** | ● | ● | 25 | 25 | 150 | 32 | | | | | |
| **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 SVHCR 1212 F11

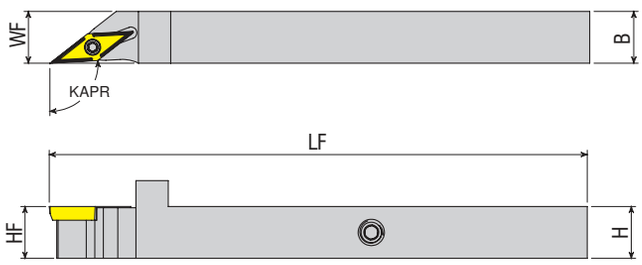


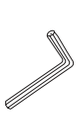




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 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 |  |  |  |  |  |
| **SVJCR/L 1212 F11** | ● | ● | 12 | 12 | 80 | 16 | **VC.T 1103..** | 4008-M2.5x6 | - | - | 82-T08 |
| **1616 H11** | ● | ● | 16 | 16 | 100 | 20 | | | | | |
| **2020 K11** | ● | ● | 20 | 20 | 125 | 25 | | | | | |
| **2525 M11** | ● | ● | 25 | 25 | 150 | 32 | | | | | |
| **1212 F16** | ● | ● | 12 | 12 | 80 | 16 | **VC.T 1604..** | 4015-M3.5x11 | AAVN-2-0002 | AAV-06-M3.5x11 | 80-T15 |
| **2020 K16** | ● | ● | 20 | 20 | 125 | 25 | | 4015-M3.5x14 | | | |
| **2525 M16** | ● | ● | 25 | 25 | 150 | 32 | | | | | |
| **3232 P16** | ● | ● | 32 | 32 | 170 | 40 | | | | | |



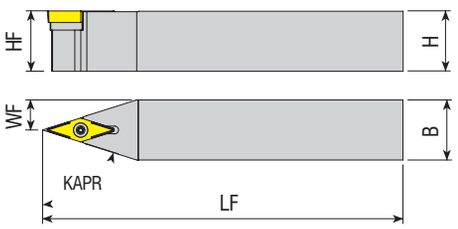



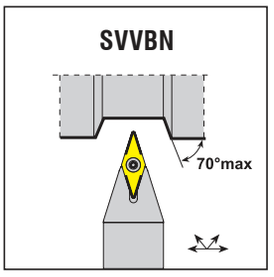

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|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

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

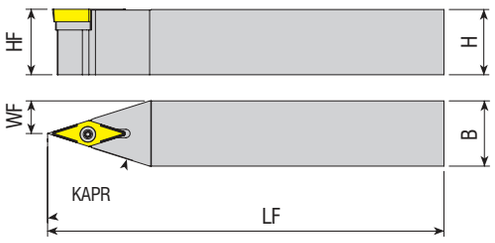


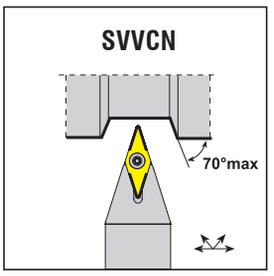




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H | B | LF | WF | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *Unterlage*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



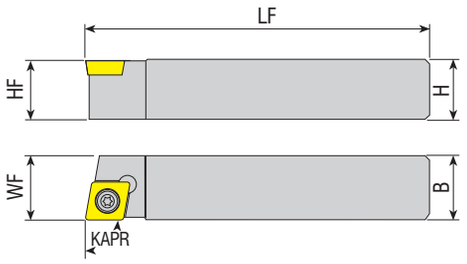

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H | B | LF | WF | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *Unterlage*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

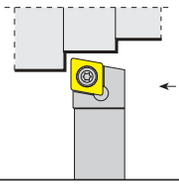
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück SVVBN 1212 F11

**KAPR=90°**





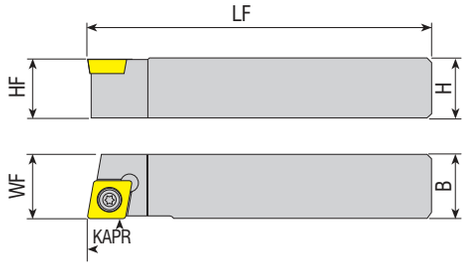

**SCACR**



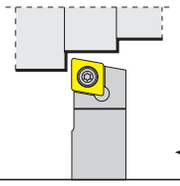
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 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 X06-S** | ● | ● | 08 | 08 | 115 | 08 | **CC.T 0602..** | 4008-M2.5x6 | - | - | 82-T08 |
| **1010 K06-S** | ● | ○ | 10 | 10 | 125 | 10 | | | | | |
| **1212 G06-S** | ● | ○ | 12 | 12 | 90 | 12 | | | | | |
| **1212 K06-S** | ● | ○ | 12 | 12 | 125 | 12 | | | | | |
| **1616 F06-S** | ○ | ○ | 16 | 16 | 75 | 16 | | | | | |
| **1616 K06-S** | ○ | ○ | 16 | 16 | 125 | 16 | | | | | |
| **1212 G09-S** | ○ | ○ | 12 | 12 | 90 | 12 | **CC.T 09T3..** | 4015-M3.5x11 | - | - | 80-T15 |
| **1212 K09-S** | ● | ● | 12 | 12 | 125 | 12 | | | | | |
| **1616 F09-S** | ○ | ○ | 16 | 16 | 75 | 16 | | | | | |
| **1616 K09-S** | ● | ● | 16 | 16 | 125 | 16 | | | | | |
| **2020 K09-S** | ● | ● | 20 | 20 | 125 | 20 | | | | | |

**KAPR=95°**






**SCLCR**



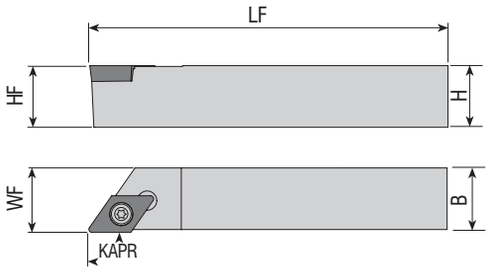
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 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 X06-S** | ● | ● | 08 | 08 | 115 | 08 | **CC.T 0602..** | 4008-M2.5x6 | - | - | 82-T08 |
| **1010 X06-S** | ● | ○ | 10 | 10 | 115 | 10 | | | | | |
| **1212 G06-S** | ● | ● | 12 | 12 | 90 | 12 | | | | | |
| **1212 X06-S** | ● | ○ | 12 | 12 | 130 | 12 | | | | | |
| **1212 K06-S** | ○ | ● | 12 | 12 | 125 | 12 | | | | | |
| **1616 F06-S** | ● | ○ | 16 | 16 | 75 | 16 | | | | | |
| **1616 X06-S** | ● | ○ | 16 | 16 | 130 | 16 | | | | | |
| **1212 G09-S** | ● | ● | 12 | 12 | 90 | 12 | **CC.T 09T3..** | 4015-M3.5x11 | - | - | 80-T15 |
| **1212 X09-S** | ● | ○ | 12 | 12 | 130 | 12 | | | | | |
| **1616 F09-S** | ● | ○ | 16 | 16 | 75 | 16 | | | | | |
| **1616 G09-S** | ● | ○ | 16 | 16 | 90 | 16 | | | | | |
| **1616 X09-S** | ● | ○ | 16 | 16 | 115 | 16 | | | | | |
| **2020 X09-S** | ● | ○ | 20 | 20 | 120 | 20 | | | | | |

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

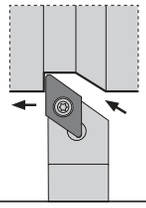
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück SCACR 0808 X06-S

**KAPR=90°**





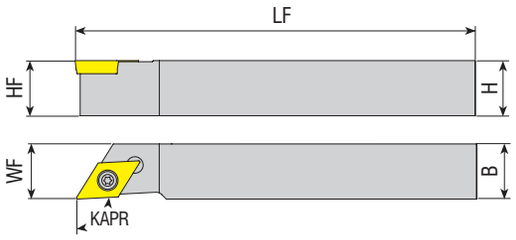

**SDACR**



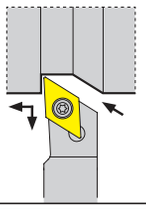
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık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

**KAPR=93°**






**SDJCR**



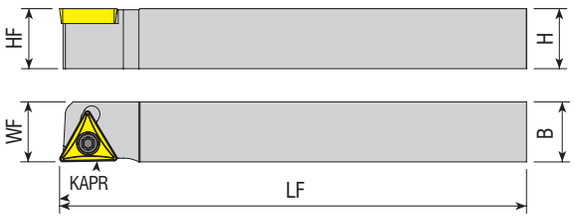
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık 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 | | | | | |
| **1010 X07-S** | ● | ● | 10 | 10 | 115 | 10 | | | | | |
| **1212 G07-S** | ● | ○ | 12 | 12 | 90 | 12 | | | | | |
| **1212 X07-S** | ● | ● | 12 | 12 | 130 | 12 | **DC.T 0702..** | 4008-M2.5x6 | - | - | 82-T08 |
| **1616 F07-S** | ● | ○ | 16 | 16 | 75 | 16 | | | | | |
| **1616 X07-S** | ● | ○ | 16 | 16 | 130 | 16 | | | | | |
| **2020 X07-S** | ● | ○ | 20 | 20 | 120 | 20 | | | | | |
| **1212 G11-S** | ● | ○ | 12 | 12 | 90 | 12 | | | | | |
| **1212 X11-S** | ● | ● | 12 | 12 | 130 | 12 | | | | | |
| **1212 K11-S** | ● | ● | 12 | 12 | 125 | 12 | | | | | |
| **1616 F11-S** | ● | ○ | 16 | 16 | 75 | 16 | **DC.T 11T3..** | 4015-M3.5x11 | - | - | 80-T15 |
| **1616 X11-S** | ● | ● | 16 | 16 | 130 | 16 | | | | | |
| **1616 K11-S** | ● | ● | 16 | 16 | 125 | 16 | | | | | |
| **2020 X11-S** | ● | ○ | 20 | 20 | 120 | 20 | | | | | |

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

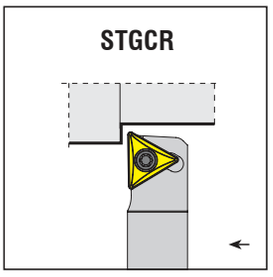
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück SDACR 0808 X07-S

**KAPR=91°**





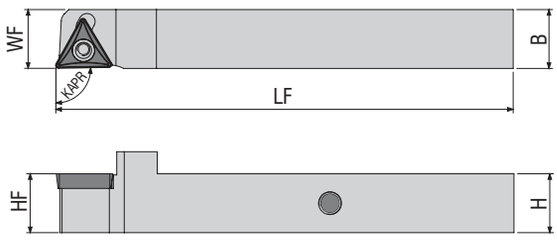

**STGCR**

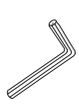


| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* | | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* | | | | Kesici Uç / *Insert* / *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 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.T 1102..** | 4008-M2.5x6 | - | - | 82-T08 |
| **1616 K11-S** | ● | ○ | 16 | 16 | 125 | 16 | | | | | |
| **1216 K16-S** | ● | ○ | 12 | 16 | 125 | 16 | **TC.T 16T3..** | 4015-M3.5x11 | - | - | 80-T15 |
| **1616 K16-S** | ● | ○ | 16 | 16 | 125 | 16 | | | | | |

**KAPR=90°**





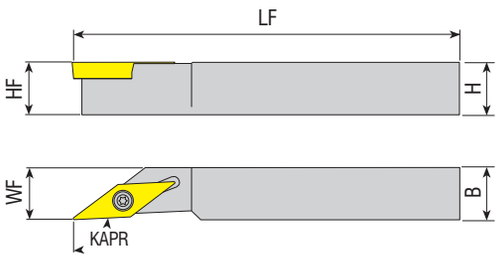

| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* | | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* | | | | Kesici Uç / *Insert* / *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Sıkma Vidası / *Screw* / *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 |  |  |  |  |  |  |  |
| **STGCR/L 1216 K16-SHP** | ● | ○ | 12 | 16 | 125 | 16 | **TC.T 16T3..** | 4015-M3.5x14 | AATN-2-0001 | AAV-06-M3.5x11 | 2703-M6X4<br>2704-M8X1X5 | AAL-03-3<br>AAL-05-4 | 80-T15 |
| **1616 K16-SHP** | ● | ○ | 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. / Kompatibel mit ISO Wendeplatten.

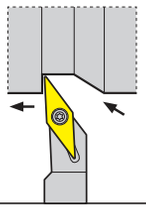
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück STGCR 1216 K11-S

**KAPR=93°**



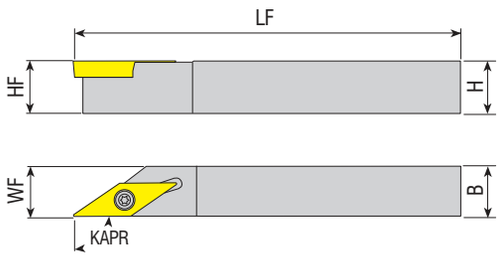

**SVJBR**



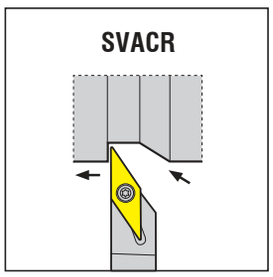
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık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

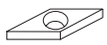
**KAPR=90°**




**SVACR**

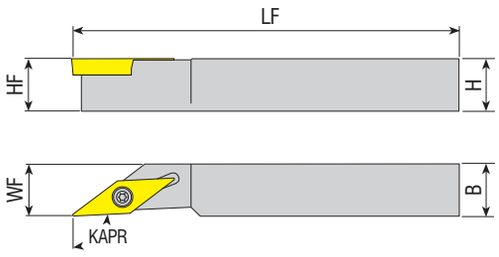


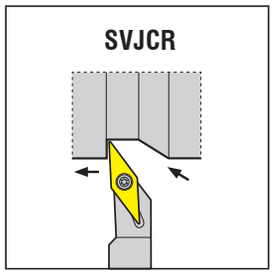
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık 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 | | | | | |
| **1010 K11-S** | ● | ○ | 10 | 10 | 125 | 10 | | | | | |
| **1212 G11-S** | ○ | ○ | 12 | 12 | 90 | 12 | | | | | |
| **1212 K11-S** | ● | ● | 12 | 12 | 125 | 12 | **VC.T 1103..** | 4008-M2.5x6 | - | - | 82-T08 |
| **1616 F11-S** | ○ | ○ | 16 | 16 | 75 | 16 | | | | | |
| **1616 K11-S** | ● | ● | 16 | 16 | 125 | 16 | | | | | |
| **2020 K11-S** | ● | ● | 20 | 20 | 125 | 20 | | | | | |
| **1212 K16-S** | ● | ● | 12 | 12 | 125 | 12 | **VC.T 1604..** | 4015-M3.5x11 | | | 80-T15 |
| **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 SVJBR 1616 K11-S



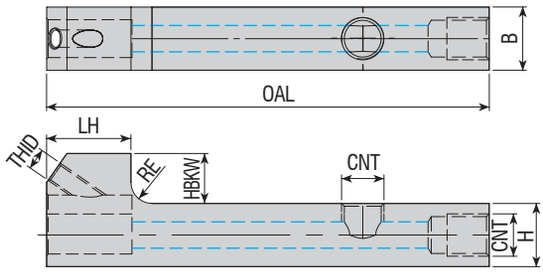



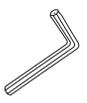




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık 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 | **VC.T 1103..** | 4008-M2.5x6 | - | - | 82-T08 |
| **1010 K11-S** | ● | ○ | 10 | 10 | 125 | 10 | | | | | |
| **1212 G11-S** | ○ | ○ | 12 | 12 | 90 | 12 | | | | | |
| **1212 K11-S** | ● | ● | 12 | 12 | 125 | 12 | | | | | |
| **1616 F11-S** | ○ | ○ | 16 | 16 | 75 | 16 | | | | | |
| **1616 K11-S** | ● | ○ | 16 | 16 | 125 | 16 | | | | | |
| **2020 K11-S** | ○ | ○ | 20 | 20 | 125 | 20 | | | | | |

## SEC TOOLS





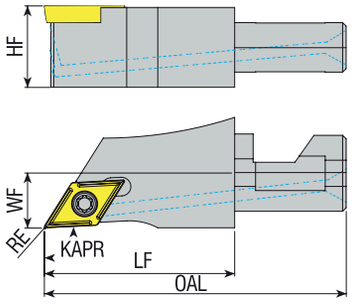

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sızdırmaz Vida *Threaded Pin* *Резьбовой Винт* | Montaj Vidası *Mounting Screw* *Монтажный винт* | Anahtar *Allen Key* Innensechskantschlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | H | B | RE | HBKW | LH | OAL | CNT | THID |  |  |  |
| **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 | | | |

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 0808 X11-S

**KAPR=93°**

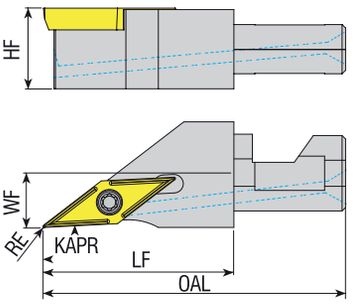





| Takım Kodu *Ordering Code* Bestell-Bezeichnung | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | HF | WF | RE | LF | OAL |  |  |  |
| **SDJCR/L-12X43.3-07** | ● | ● | 11.8 | 8 | 0.2 | 27.3 | 43.3 | **DC.T 070202** | 4008-M2.5x6 | 82-T08 |
| **12X43.3-07-H** | ● | ● | 11.8 | 8 | 0.2 | 27.3 | 43.3 | | | |
| **16X43.3-07** | ● | ● | 15.8 | 8 | 0.2 | 27.3 | 43.3 | | | |
| **16X43.3-07-H** | ● | ● | 15.8 | 8 | 0.2 | 27.3 | 43.3 | | | |
| **12X43.3-11** | ● | ● | 11.8 | 8 | 0.2 | 27.3 | 43.3 | **DC.T 11T302** | 4015-M3.5x9 | 80-T15 |
| **12X43.3-11-H** | ● | ● | 11.8 | 8 | 0.2 | 27.3 | 43.3 | | | |
| **16X43.3-11** | ● | ● | 15.8 | 8 | 0.2 | 27.3 | 43.3 | | | |
| **16X43.3-11-H** | ● | ● | 15.8 | 8 | 0.2 | 27.3 | 43.3 | | | |

**KAPR=93°**



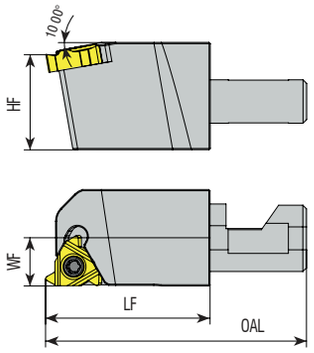



| Takım Kodu *Ordering Code* Bestell-Bezeichnung | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | HF | WF | RE | LF | OAL |  |  |  |
| **SVJCR/L-12X43.3-11** | ● | ● | 11.8 | 8 | 0.2 | 27.3 | 43.3 | **VC.T 110302** | 4008-M2.5x6 | 82-T08 |
| **12X43.3-11-H** | ● | ● | 11.8 | 8 | 0.2 | 27.3 | 43.3 | | | |
| **16X43.3-11** | ● | ● | 15.8 | 8 | 0.2 | 27.3 | 43.3 | | | |
| **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-12X43.3-07



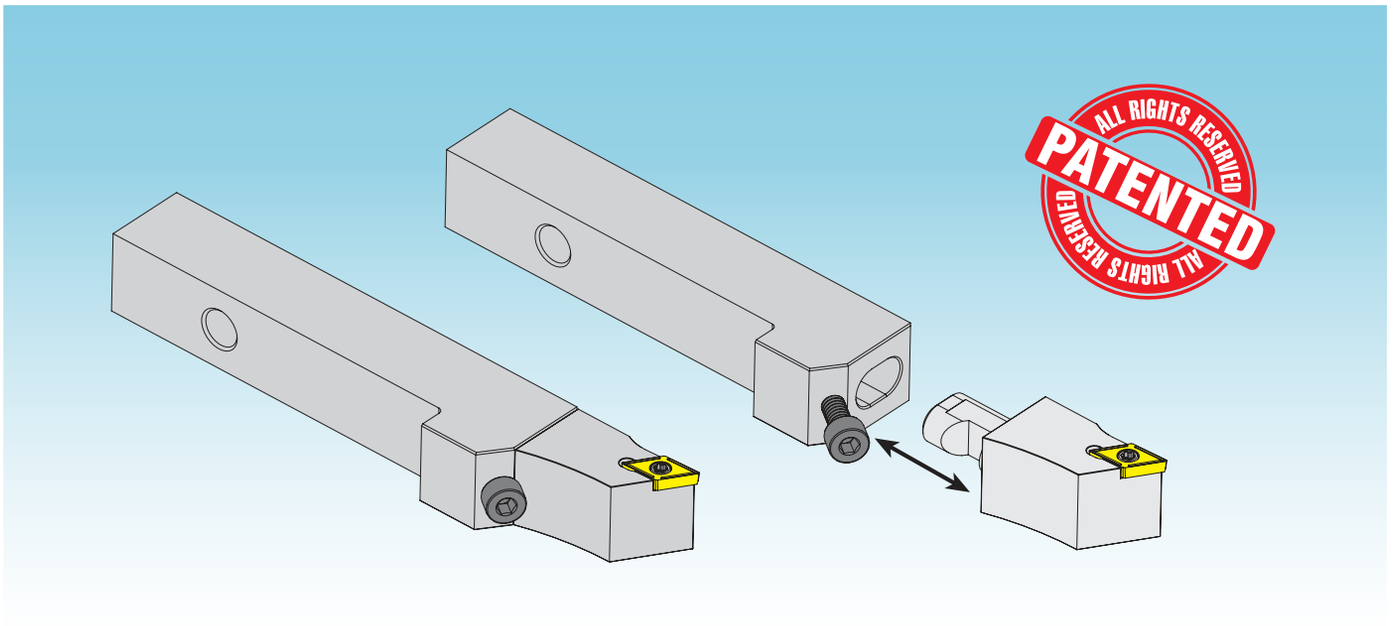




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 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 Unterlagenring* | 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 |

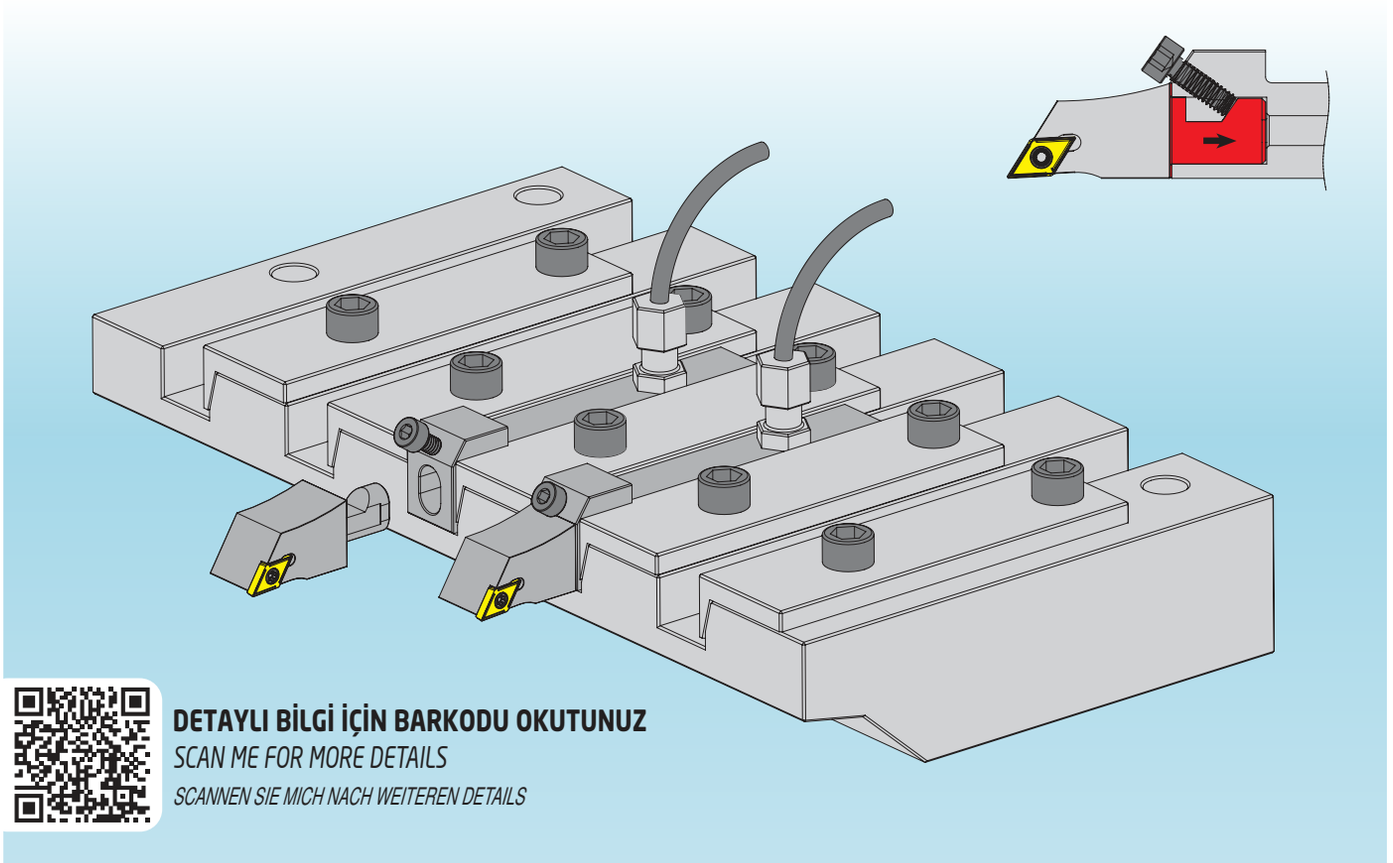
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

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

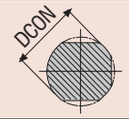


| S | 25 | S | P | C | L | N | R | 12 | C |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |

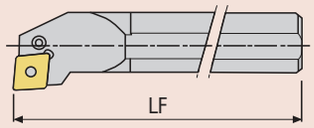
## 1 Takım Malzemesi / *Type of Boring Bar* / *Art der Bohrstange*

"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)

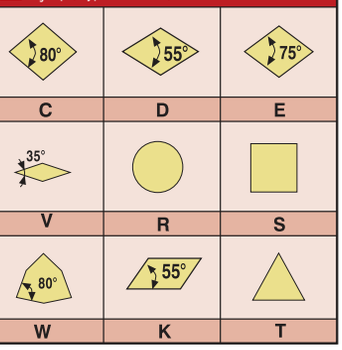
| | | | |
|---|---|---|---|
| A - 32 | H - 100 | Q - 180 | x-special |
| B - 40 | J - 110 | R - 200 | |
| C - 50 | K - 125 | S - 250 | |
| D - 60 | L - 140 | T - 300 | |
| E - 70 | M - 150 | U - 350 | |
| F - 80 | N - 160 | V - 400 | |
| G - 90 | P - 170 | W - 450 | |

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

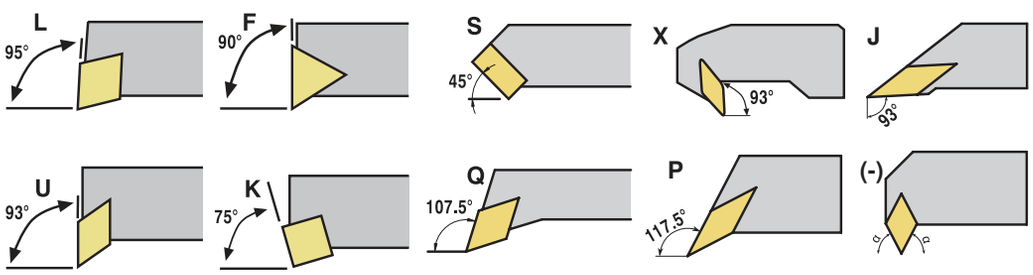


| C | T | M | P | S |
|---|---|---|---|---|
| Deliksiz Üstten Sıkma *Top Clamping Without Hole* *Pratzenklemmung* | Üstten Delikle Sıkma *Top and Hole Clamping* *Keilspannpratzensystem* | Üstten ve Delikten Sıkma *Top and Hole Clamping* *Keilspannpratzensystem* | Delikten Levye ile Sıkma *Hole Clamping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

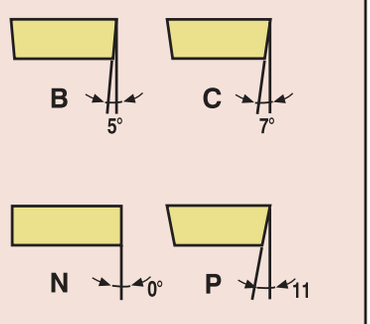
## 5 Uç Tipi / *Type of Insert* / *Plattenform*



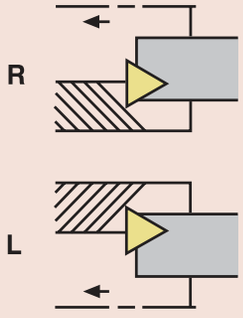

## 6 Yanaşma Açısı / *Tool Holder Shape Bar Geometry* / *Anstellwinkel*



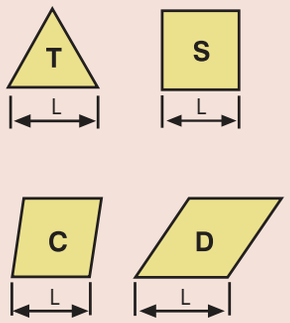

## 7 Serbest Uç Açısı *Insert Clearance Ange* *Freiwinkel*



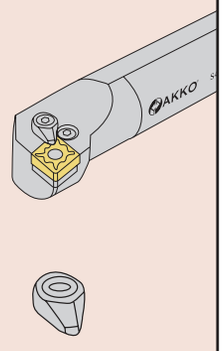

## 8 Kesme Yönü *Cutting Direction* *Halterausführung*




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




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



AKKO®

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

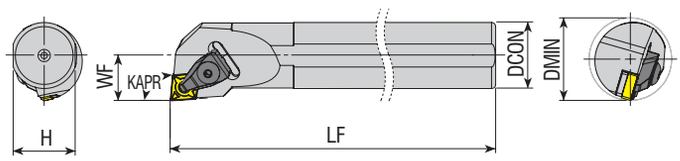
# T&C-SİSTEM

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

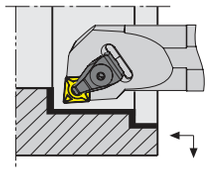


**KAPR=95°**





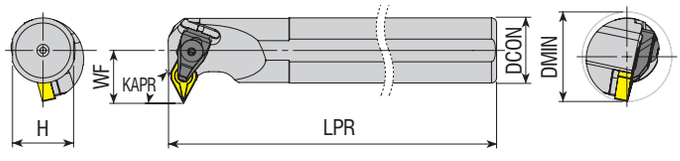

**TCLNR**



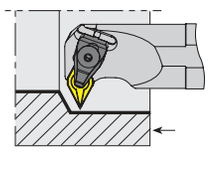
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* R | L | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON | H | LF | WF | DMIN | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç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

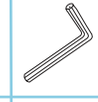
**KAPR=62.5°**






**TD-NR**

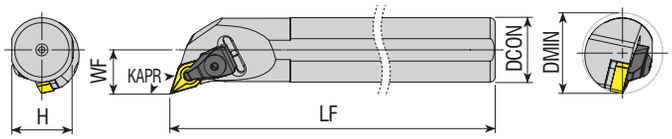


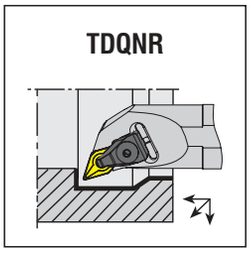
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* R | L | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON | H | LPR | WF | DMIN | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Segman *Ring* *Feder* | Pul *Stamp* *Ring* | Anahtar *Allen Key* Innensechskantschlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | |  |  |  |  |  |  |  |  |
| **S32T TD-NR/L 15** | ● | ● | 32 | 30 | 300 | 26 | ≥44 | | | | | | | | |
| **S40U TD-NR/L 15** | ● | ● | 40 | 37.5 | 350 | 29 | ≥52 | **DNM. 1506..** | ATK-02 | AKV-30-M6x22 | AADN-3-0001 | AAV-02-M5x12 | AS-01 | ABPL-01 | AAL-03-3 |
| **S50V TD-NR/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 S25S TCLNR 09

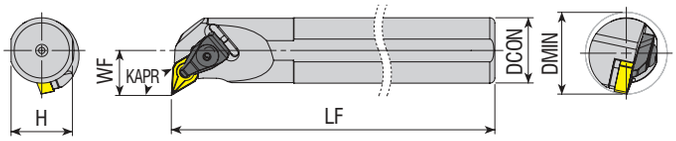


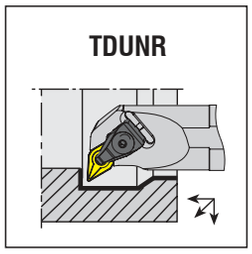




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | DCON | H | LF | WF | DMIN | | 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 |
| **S25S TDQNR/L 11** | ● | ● | 25 | 23 | 250 | 17 | ≥32 | **DNM. 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 | **DNM. 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 | | | | | | | | |



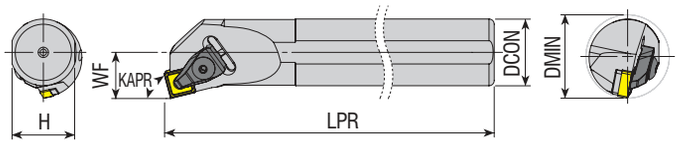

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | DCON | H | LF | WF | DMIN | | 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 |
| **S25S TDUNR/L 11** | ● | ● | 25 | 23 | 250 | 17 | ≥32 | **DNM. 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 | **DNM. 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 | | | | | | | | |
| new **A40T TDUNR/L 15** | ● | ● | 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*

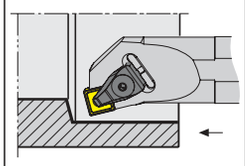
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück S25S TDQNR 11

**KAPR=75°**



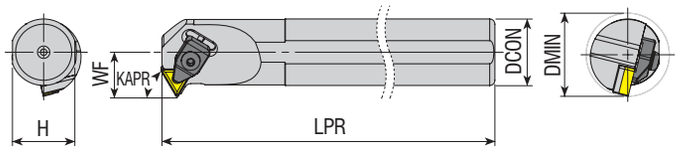

**TSKNR**



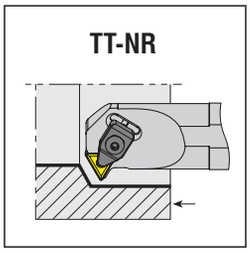
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 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 | **SNM. 1204..** | ATK-02 | AKV-30-M6x22 | AASN -3-0004 | AAV-13-M5x8<br>AAV-02-M5x12 | AS-01 | ABPL-01 | AAL-03-3 |
| **S32T TSKNR/L 12** | ● | ● | 32 | 30 | 300 | 22 | ≥40 | | | | | | | | |
| **S40U TSKNR/L 12** | ● | ● | 40 | 37.5 | 350 | 27 | ≥50 | | | | | | | | |

**KAPR=60°**




**TT-NR**

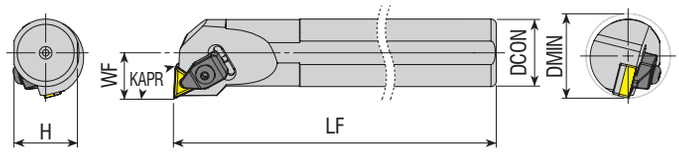


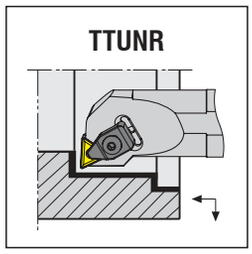
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Yay *Spring* *Пружина* | Pul *Stamp* *Ring* | Anahtar *Allen Key* *Innensechskantschlüssel* |
| | R | L | DCON | H | LPR | WF | DMIN | | | | | | | | |
| **S25S TT-NR/L 16** | ● | ● | 25 | 23 | 250 | 17 | ≥32 | **TNM. 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 | | | | | | | | |

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 TSKNR 12

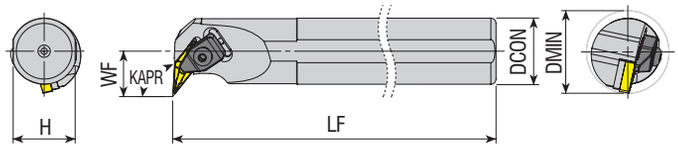


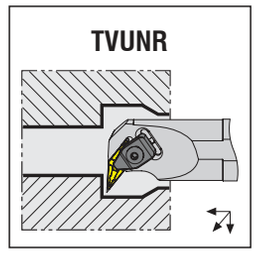




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | DCON | H | 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* | Anahtar *Allen Key* Innensechskantschlüssel |
| **S25S TTUNR/L 16** | ● | ● | 25 | 23 | 250 | 17 | ≥32 | **TNM. 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 | **TNM. 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 | | | | | | | | |



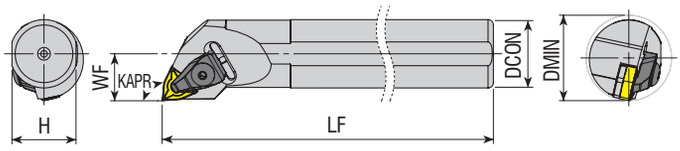

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | DCON | H | LF | WF | DMIN | | Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Yay *Spring* *Пружина* | Pul *Stamp* *Ring* | Anahtar *Allen Key* Innensechskantschlüssel |
| **S25S TVUNR/L 16** | ● | ● | 25 | 23 | 250 | 20 | ≥36 | **VNM. 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 | | | | | | | | |

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

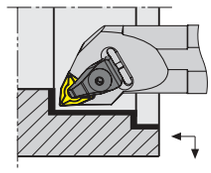
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück S25S TTUNR 16

**KAPR=95°**




**TWLNR**

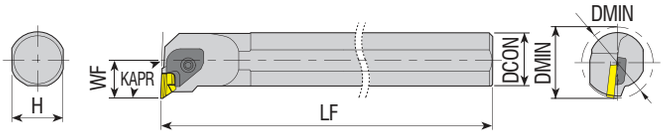


| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* R | L | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON | H | LF | WF | DMIN | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç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

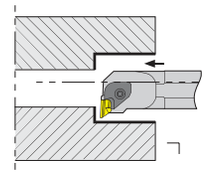
## C-SİSTEM DELİK TORNA KATERLERİ
*C-SYSTEM BORING BARS*
*C-SYSTEM BOHRSTANGE*

**KAPR=93°**




**CKUNR**

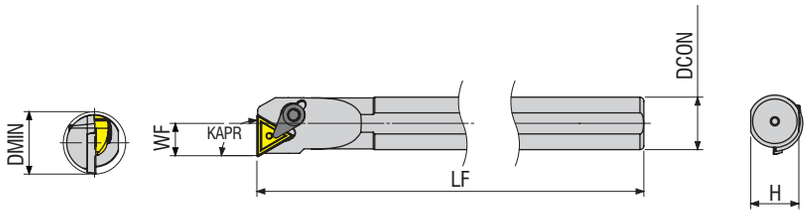


| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* R | L | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON | H | LF | WF | DMIN | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Yay *Spring* *Пружина* | Pul *Stamp* *Ring* | Anahtar *Allen Key* *Innensechskantschlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **S25S CKUNR/L 16** | ● | ● | 25 | 23 | 250 | 19 | ≥38 | **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 |
| **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 | | | | | | | | |

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 TWLNR 06

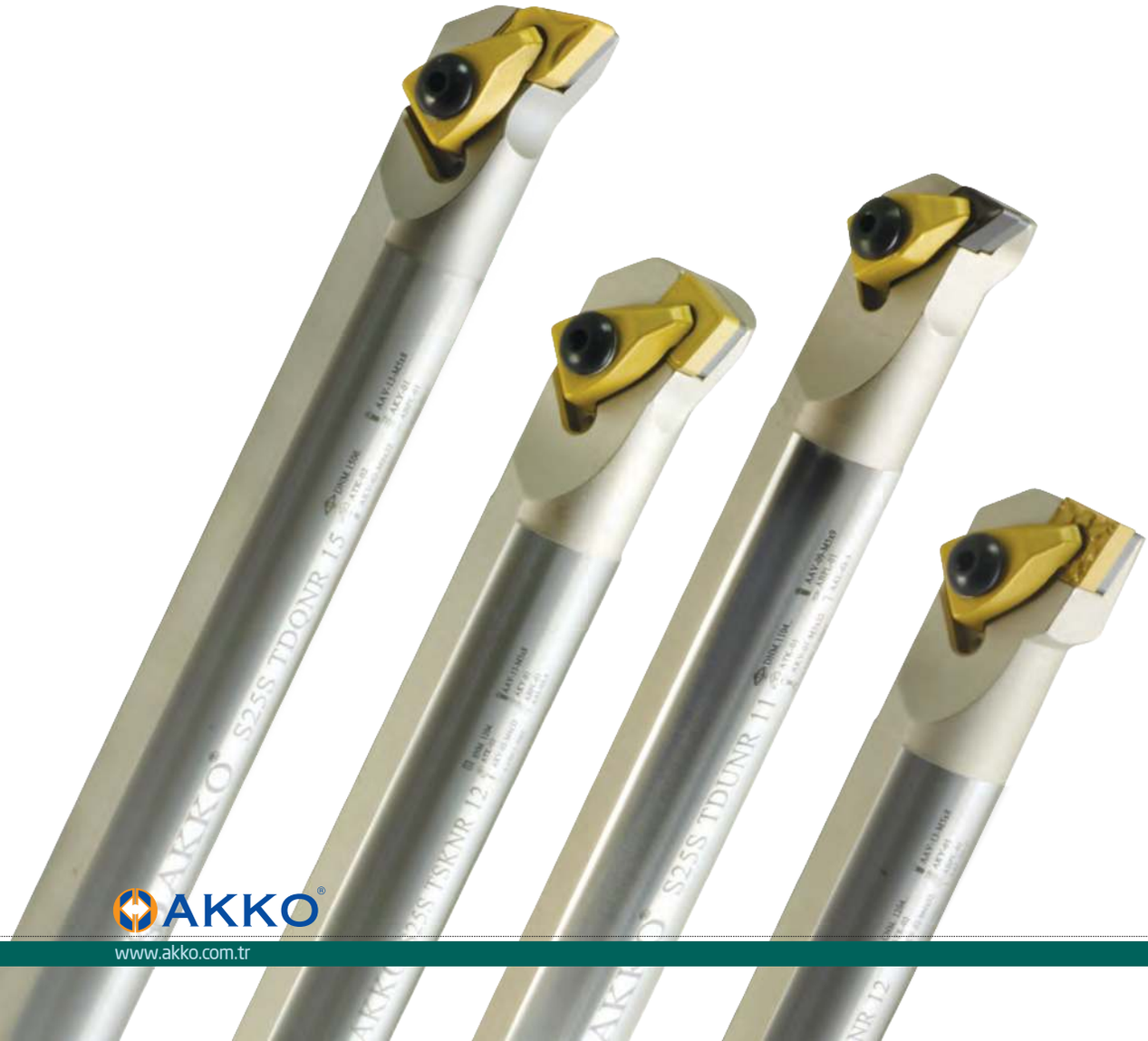





| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 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 | | | | | | | | |
| **S16R CTFPR/L 16** | ● | ○ | 16 | 14.7 | 200 | 11 | 22 | **TP. 1603..** | ACK-06 | AKV-10-M6X14 | - | - | - | - | AAL-05-4 |
| **S20S CTFPR/L 16** | ● | ○ | 20 | 18.3 | 250 | 13 | 24 | | | | | | | | |
| **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 S16R CTFPR 16



AKKO®

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

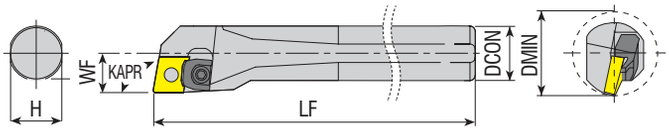
# M-SİSTEM

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

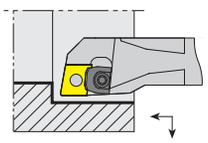


**KAPR=95°**





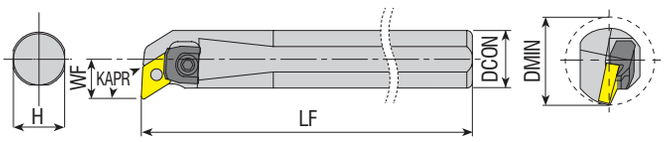

**MCLNR**



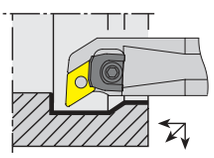
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | DCON | H | LF | WF | DMIN | | Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Pim *Pin* *Штифт* | Pul *Stamp* *Ring* | Anahtar *Allen Key* *Innensechskantschlüssel* |
| **S20R MCLNR/L 12** | ● | ● | 20 | 18.3 | 200 | 13 | ≥25 | **CNM. 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**



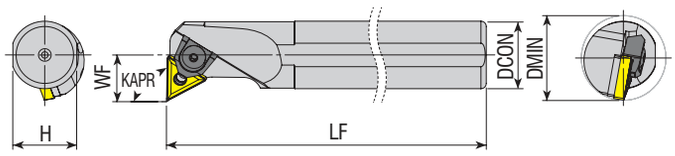
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | DCON | H | LF | WF | DMIN | | Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Pim *Pin* *Штифт* | Segman *Ring* *Feder* | Pul *Stamp* *Ring* | Anahtar *Allen Key* *Innensechskantschlüssel* |
| **S20R MDUNR/L 11** | ● | ● | 20 | 18.3 | 200 | 13 | ≥25 | **DNM. 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 | **DNM. 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*

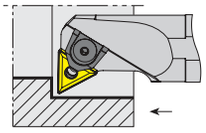
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück S20R MCLNR 12

**KAPR=90°**





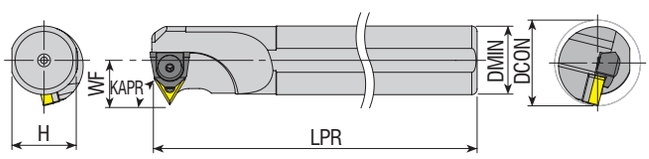

**MTFNR**



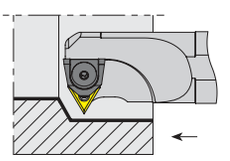
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Pim *Pin* *Штифт* | 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 | **TNM. 1604..** | AMK-02 | AKV-17-M5x15 | - | APM-03 | - | - | AAL-03-3 |
| **S25S MTFNR/L 16** | ● | ● | 25 | 23 | 250 | 17 | ≥32 | | | | | APM-14 | AS-01 | ABPL-01 | |
| **S32T MTFNR/L 16** | ● | ● | 32 | 30 | 300 | 22 | ≥40 | | | | AATN-2-0002 | | | | |
| **S40U MTFNR/L 16** | ● | ● | 40 | 37.5 | 350 | 27 | ≥50 | | | | | APM-01 | | | |
| **S32T MTFNR/L 22** | ● | ● | 32 | 30 | 300 | 22 | ≥40 | **TNM. 2204..** | AMK-04 | AKV-30-M6x22 | | | | | |
| **S40U MTFNR/L 22** | ● | ● | 40 | 37.5 | 350 | 27 | ≥50 | | | | AATN-3-0015 | APM-02 | | | |
| **S50V MTFNR/L 22** | ● | ○ | 50 | 47 | 400 | 35 | ≥63 | | | | | | | | |

**KAPR=60°**






**MT-NR**



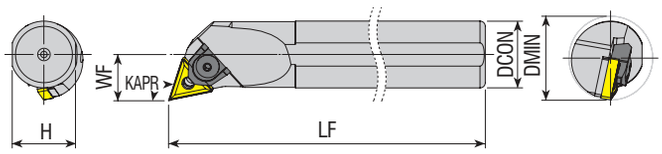
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Pim *Pin* *Штифт* | 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 | **TNM. 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 | | | | 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 | **TNM. 2204..** | AMK-04 | AKV-30-M6x22 | | | | | |
| **S40U MT-NR/L 22** | ● | ● | 40 | 37.5 | 350 | 27 | ≥50 | | | | AATN-3-0015 | APM-02 | | | |
| **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*

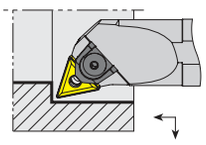
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück S20R MTFNR 16

**KAPR=107.5°**



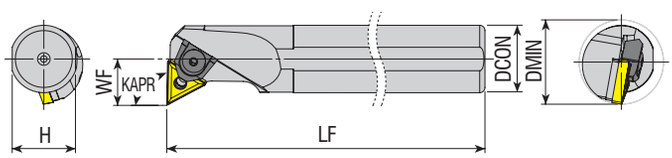

**MTQNR**



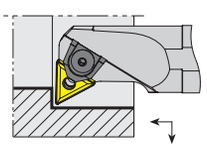
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | DCON | H | LF | WF | DMIN | | Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Pim *Pin* *Штифт* | Segman *Ring* *Feder* | Pul *Stamp* *Ring* | Anahtar *Allen Key* *Innensechskantschlüssel* |
| **S20R MTQNR/L 16** | ● | ● | 20 | 18.3 | 200 | 13 | ≥25 | **TNM. 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 | **TNM. 2204..** | | | 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**

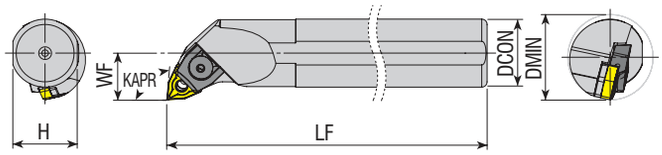


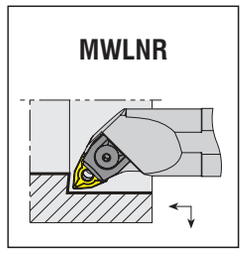
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | DCON | H | LF | WF | DMIN | | Baskı Pabucu *Wedge Clamp* *Spannpratze* | Pabuç Vidası *Clamp Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Pim *Pin* *Штифт* | Segman *Ring* *Feder* | Pul *Stamp* *Ring* | Anahtar *Allen Key* *Innensechskantschlüssel* |
| **S20R MTUNR/L 16** | ● | ● | 20 | 18.3 | 200 | 13 | ≥25 | **TNM. 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 | **TNM. 2204..** | | | 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* *Штифт* | 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 | ≥20 | **WNM. 0604..** | AMK-01 | AKV-17-M5x15 | - | APM-09 | - | - | AAL-03-3 |
| **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 | | | |
| **S25S MWLNR/L 08** | ● | ● | 25 | 23 | 250 | 17 | ≥32 | **WNM. 0804..** | AMK-05 | AKV-27-M6x20 | AAWN-3-0001 | APM-04 | AS-01 | ABPL-01 | |
| new **S20R MWLNR/L 08** | ● | ● | 20 | 18.3 | 200 | 13 | ≥25 | | | AKV-03-M6x22 | | APM-02 | | | |
| **S32T MWLNR/L 08** | ● | ● | 32 | 30 | 300 | 22 | ≥40 | | | | | | | | |
| **S40U MWLNR/L 08** | ● | ● | 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 MWLNR 06



AKKO®

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

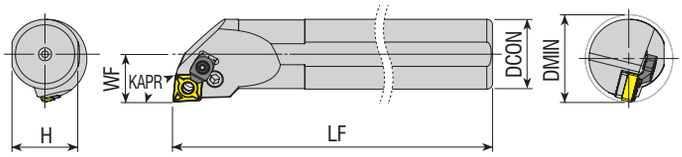
# P-SİSTEM

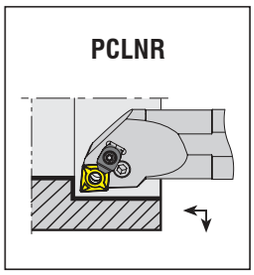
**P-SİSTEM DELİK TORNA KATERLERİ**
*P-SYSTEM BORING BARS*
*P- SYSTEM BOHRSTANGE*




www.akko.com.tr



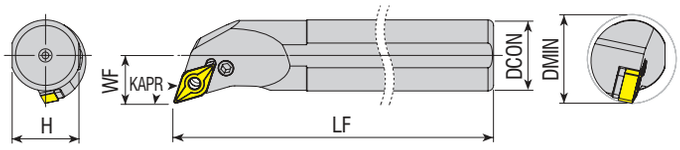

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* R | L | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON | H | LF | WF | DMIN | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Levye *Lever* *Kniehebel* | Levye Vidası *Lever 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* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | |  |  |  |  |  |  |  |  |
| **S16P PCLNR/L 09** | ● | ● | 16 | 14.8 | 170 | 11 | ≥20 | **CNM. 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 | | | | | | | | |
| **S25S PCLNR/L 12C** | ● | ● | 25 | 23 | 250 | 17 | ≥32 | **CNM. 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 | | | | | |
| **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 | **CNM. 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 | **CNM. 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 | | | | | | | | |
| **A20P PCLNR/L 09** | ● | ● | 20 | 18.3 | 170 | 13 | ≥25 | **CNM. 0903..** | APL-01 | ALV-01-M6x17 | AACN-2-0002 | AAY-01 | - | - | AAL-02-2.5 |
| **A25R PCLNR/L 12C** | ● | ● | 25 | 23 | 200 | 17 | ≥32 | **CNM. 1204..** | APL-02 | ALV-08-M8x16 | AACN-3-0001 | AAY-02 | ACK-05 | 4015-M4x11 | AAL-03-3 |
| new **A25S PCLNR/L 12C** | ● | ○ | 25 | 23 | 250 | 17 | ≥32 | | | ALV-03-M8x19 | | | | | |
| **A32S PCLNR/L 12C** | ● | ● | 32 | 30 | 250 | 22 | ≥40 | | | | | | | | |
| new **A32T PCLNR/L 12C** | ○ | ● | 32 | 30 | 300 | 22 | ≥40 | | | | | | | | |
| **A40T PCLNR/L 12C** | ● | ● | 40 | 37.5 | 300 | 27 | ≥50 | | | | | | | | |
| **A50U PCLNR/L 12C** | ● | ● | 50 | 47 | 350 | 35 | ≥63 | | | | | | | | |
| **A32S PCLNR/L 16C** | ● | ● | 32 | 30 | 250 | 22 | ≥40 | **CNM. 1606..** | APL-04 | ALV-04-M8x22 | AACN-3-0002 | AAY-03 | ACK-09 | AAV-05-M6x15 | |
| **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 | **CNM. 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*

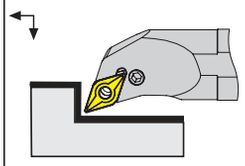
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück S16P PCLNR 09

**KAPR=107.5°**



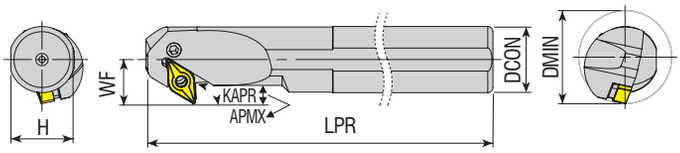

**PDQNR**



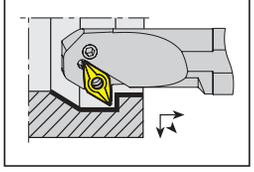
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 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 | **DNM. 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 | **DNM. 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 | **DNM. 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 | **DNM. 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 | **DNM. 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 | **DNM. 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 | **DNM. 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 | | | | | | | | |

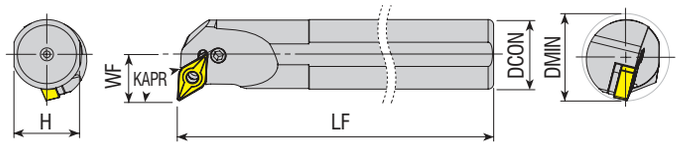
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*

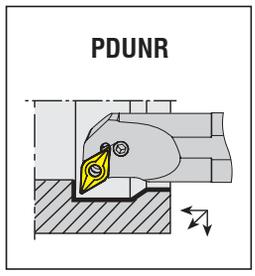
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

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




| Takım 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 | **DNM. 1104..** | APL-01 | ALV-01-M6x14 | AADN-SD317 | AAY-01 | - | - | AAL-02-2.5 |
| **S25S PDUNR/L 11** | ● | ● | 25 | 23 | 250 | 17 | ≥32 | | | ALV-02-M6x17 | | | | | |
| **S25S PDUNR/L 15** | ● | ● | 25 | 23 | 250 | 19 | ≥32 | **DNM. 1506..** | APL-03 | ALV-08-M8x16 | AADN-3-0001 | AAY-02 | - | - | AAL-03-3 |
| **S32T PDUNR/L 15** | ● | ● | 32 | 30 | 300 | 22 | ≥40 | | | ALV-03-M8x19 | | | | | |
| **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 | **DNM. 1104..** | APL-01 | ALV-01-M6x14 | AADN-SD317 | AAY-01 | - | - | AAL-02-2.5 |
| **A25R PDUNR/L 11** | ● | ● | 25 | 23 | 200 | 17 | ≥32 | | | ALV-02-M6x17 | | | | | |
| new **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 | **DNM. 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 | | | | | | | | |

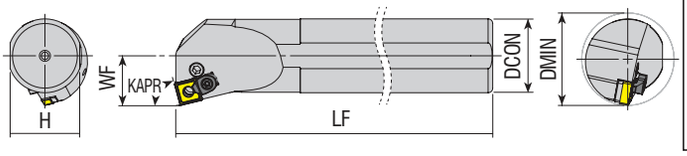
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

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

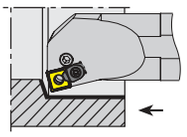


**KAPR=75°**





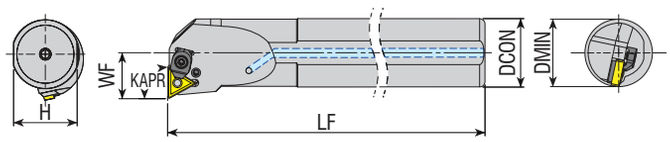

**PSKNR**



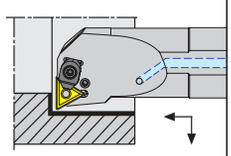
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 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 | **SNM. 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 | **SNM. 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 | **SNM. 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 | **SNM. 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**



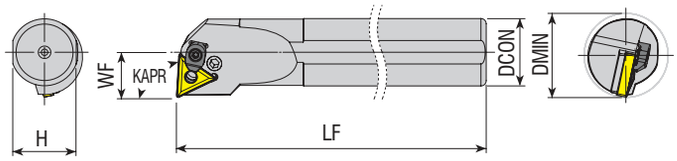
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 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 | **TNM. 1604..** | APL-01 | ALV-02-M6x17 | AATN-3-0025 | AAY-01 | ACK-05 | 4015-M4x11 | AAL-03-3 |
| **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*

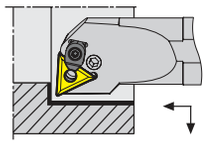
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück S25S PSKNR 12C

**KAPR=93°**






**PTUNR**



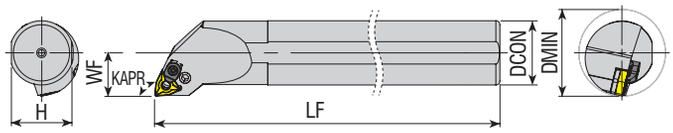
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 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 | | APL-08 | ALV-07-M6x13 | - | AAY-07 | - | - | |
| **S20R PTUNR/L 16** | ● | ● | 20 | 18.3 | 200 | 13 | ≥25 | | | ALV-01-M6x14 | | | | | |
| **S25S PTUNR/L 16C** | ● | ● | 25 | 23 | 250 | 17 | ≥32 | **TNM. 1604..** | APL-01 | ALV-02-M6x17 | AATN-3-0025 | AAY-01 | | | AAL-02-2.5 |
| **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 | | | | | | | | |
| **S40U PTUNR/L 22C** | ● | ● | 40 | 37.5 | 350 | 27 | ≥50 | **TNM. 2204..** | APL-02 | ALV-03-M8x19 | AATN-3-0015 | AAY-02 | ACK-05 | 4015-M4x11 | AAL-03-3 |
| **S50V PTUNR/L 22C** | ● | ● | 50 | 47 | 400 | 35 | ≥63 | | | | | | | | |
| **A16M PTUNR/L 16** | ● | ● | 16 | 14.8 | 150 | 11 | ≥20 | | APL-08 | ALV-07-M6x13 | - | AAY-07 | - | - | |
| **A20P PTUNR/L 16** | ● | ● | 20 | 18.3 | 170 | 13 | ≥25 | | | ALV-01-M6x14 | | | | | |
| **A25R PTUNR/L 16C** | ● | ● | 25 | 23 | 200 | 17 | ≥32 | **TNM. 1604..** | APL-01 | ALV-02-M6x17 | AATN-3-0025 | AAY-01 | | | AAL-02-2.5 |
| **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 | **TNM. 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 | | | | | | | | |

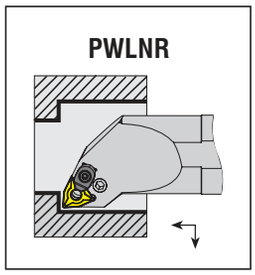
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

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 | **WNM. 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 | **WNM. 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 | **WNM. 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 06C** | ● | ○ | 40 | 37.5 | 300 | 27 | ≥50 | | | | | | ACK-05 | 4015-M4x11 | |
| **A25R PWLNR/L 08C** | ● | ● | 25 | 23 | 200 | 17 | ≥32 | **WNM. 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...*

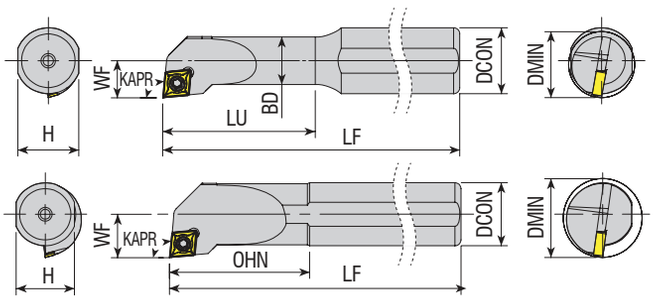
# S-SİSTEM

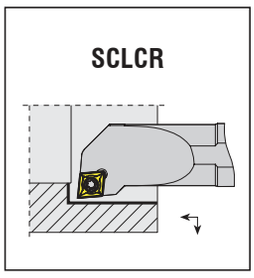
**S-SİSTEM DELİK TORNA KATERLERİ**
*S-SYSTEM BORING BARS*
*S- SYSTEM BOHRSTANGE*

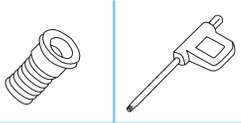



www.akko.com.tr



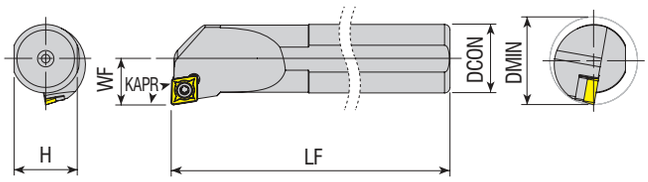

| Takım Kodu *Ordering Code* Bestell-Bezeichnung | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | DCON | BD | H | LU=OHN | LF | WF | DMIN |  |  |  |  | |
| **S0508H SCLCR/L 03** | ● | ○ | 08 | 5 | 7.3 | 18 | 100 | 3 | ≥6 | **CC.T 030102** | 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 | | | | | |
| **S10K SCLCR/L 06** | ● | ● | 10 | 10 | 09 | 25 | 125 | 07 | ≥13 | **CC.T 0602..** | 4008-M2.5x6 | - | - | 82-T08 |
| **S12K SCLCR/L 06** | ● | ● | 12 | 12 | 11 | 25 | 125 | 09 | ≥16 | | | | | |
| **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 | | | |
| **S1416P SCLCR/L 09** | ● | ● | 16 | 14 | 14.8 | 45 | 170 | 9.5 | ≥17 | | | | | |
| **S16P SCLCR/L 09** | ● | ● | 16 | 16 | 14.8 | 35 | 170 | 11 | ≥20 | | | | | |
| **S1620R SCLCR/L 09** | ● | ● | 20 | 16 | 18.3 | 50 | 200 | 11 | ≥20 | **CC.T 09T3..** | 4015-M3.5x9 | - | - | 80-T15 |
| **S20R SCLCR/L 09** | ● | ● | 20 | 20 | 18.3 | 40 | 200 | 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.T 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-M4.5x16 | | | |
| **A08H SCLCR/L 06** | ● | ● | 08 | 8 | 7.3 | 20 | 100 | 06 | ≥11 | | | | | |
| **A10H SCLCR/L 06** | ● | ● | 10 | 10 | 09 | 25 | 100 | 07 | ≥13 | **CC.T 0602..** | 4008-M2.5x6 | - | - | 82-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 | | | | | |
| **A32S SCLCR/L 09** | ● | ● | 32 | 32 | 30 | 60 | 250 | 22 | ≥40 | **CC.T 09T3..** | 4015-M3.5x12 | AACN-2-0001 | AAV-08-M3.5x8 | |
| **A25R SCLCR/L 12** | ● | ● | 25 | 25 | 23 | 50 | 200 | 17 | ≥32 | **CC.T 1204..** | 4020-M4.5x12 | AACN-2-0003 | AAV-10-M4.5x8 | 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*

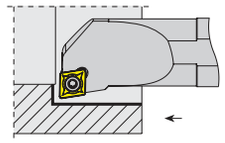
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück S0508H SCLCR 03

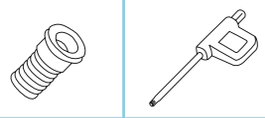
**KAPR=90°**





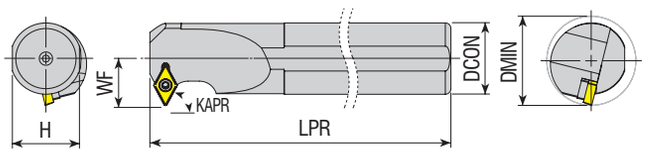

**SCFCR**



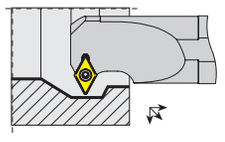
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* R | L | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON | H | LF | WF | DMIN | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | |  |  |  |  | |
| **S08H SCFCR/L 06** | ● | ● | 08 | 7.3 | 100 | 06 | ≥11 | **CC.T 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.T 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.T 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.T 0602..** | 4008-M2.5x6 | - | - | 82-T08 |

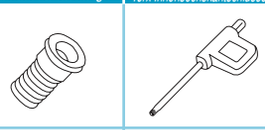
**KAPR=62.5°**






**SD-CR**



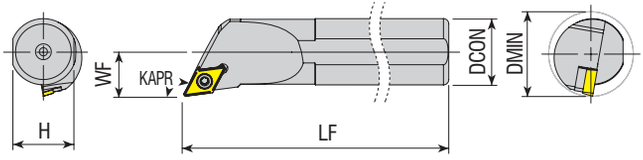
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* R | L | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON | H | LPR | WF | DMIN | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | |  |  |  |  | |
| **S10K SD-CR/L 07** | ● | ● | 10 | 9 | 125 | 07 | ≥14 | **DC.T 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.T 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*

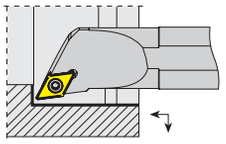
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück S08H SCFCR 06

**KAPR=117.5°**





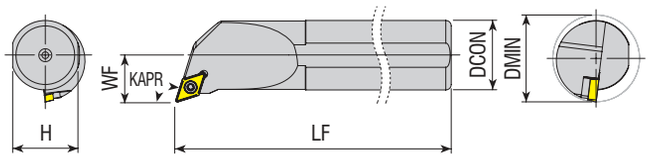

**SDPCR**



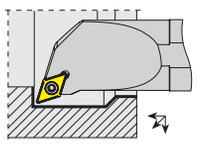
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 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.T 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.T 11T3..** | 4015-M3.5x9 | - | - | 80-T15 |
| **S20R SDPCR/L 11** | ● | ● | 20 | 18.3 | 200 | 13 | ≥25 | | 4015-M3.5x11 | | | |
| **S25S SDPCR/L 11** | ● | ● | 25 | 23 | 250 | 17 | ≥32 | | 4015-M3.5x12 | AADN-2-0001 | AAV-08-M3.5x8 | |

**KAPR=107.5°**






**SDQCR**



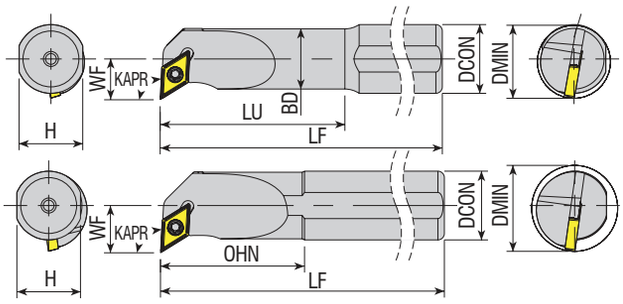
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 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.T 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.T 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.T 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.T 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 | |

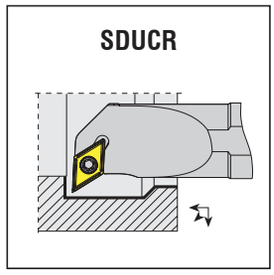
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*

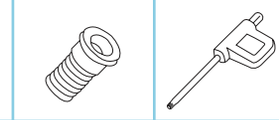
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

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



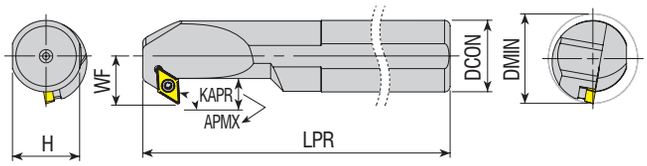



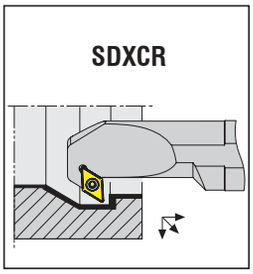

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | 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.T 0702.. | 4008-M2.5x6 | - | - | 82-T08 |
| 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.T 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 | | | | | |
| S20R SDUCR/L 11 | ● | ● | 20 | 20 | 18.3 | 40 | 200 | 13 | ≥25 | | 4015-M3.5x11 | | | |
| S25S SDUCR/L 11 | ● | ● | 25 | 25 | 23 | 50 | 250 | 17 | ≥32 | | 4015-M3.5x12 | | AAV-08-M3.5x8 | |
| new S25T SDUCR/L 11 | ● | ● | 25 | 25 | 23 | 50 | 300 | 17 | ≥32 | | | | | |
| S32T SDUCR/L 11 | ● | ● | 32 | 32 | 30 | 60 | 300 | 22 | ≥40 | | | | | |
| S40U SDUCR/L 11 | ● | ● | 40 | 40 | 37.5 | 70 | 350 | 27 | ≥50 | | 4015-M3.5x14 | AADN-2-0001 | AAV-06-M3.5x11 | |
| S50V SDUCR/L 11 | ● | ● | 50 | 50 | 47 | 80 | 400 | 35 | ≥63 | | | | | |
| A0810H SDUCR/L 07 | ● | ● | 10 | 8 | 09 | 30 | 100 | 08 | ≥13 | DC.T 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.T 11T3.. | 4015-M3.5x9 | - | - | 80-T15 |
| A20P SDUCR/L 11 | ● | ● | 20 | 20 | 18.3 | 40 | 170 | 13 | ≥25 | | 4015-M3.5x11 | | | |
| A25R SDUCR/L 11 | ● | ● | 25 | 25 | 23 | 50 | 200 | 17 | ≥32 | | 4015-M3.5x12 | AADN-2-0001 | AAV-08-M3.5x8 | |
| new A25T SDUCR/L 11 | ● | ○ | 25 | 25 | 23 | 50 | 300 | 17 | ≥32 | | | | | |
| A32S SDUCR/L 11 | ● | ● | 32 | 32 | 30 | 60 | 250 | 22 | ≥40 | | 4015-M3.5x14 | | AAV-06-M3.5x11 | |
| new A50U SDUCR/L 11 | ● | ○ | 50 | 50 | 47 | 80 | 350 | 35 | ≥63 | | | | AAV-06-M3.5x11 | |

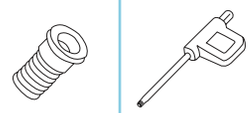
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück 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 | | | | | |
| **S16P SDXCR/L 07** | ● | ● | 16 | 14.8 | 170 | 11 | 6.5 | ≥20 | **DC.T 0702..** | 4008-M2.5x6 | - | - | 82-T08 |
| **S20R SDXCR/L 07** | ● | ● | 20 | 18.3 | 200 | 13 | 6.5 | ≥25 | | | | | |
| **S16P SDXCR/L 11** | ● | ● | 16 | 14.8 | 170 | 11 | 6.5 | ≥20 | | 4015-M3.5x9 | - | - | |
| **S20R SDXCR/L 11** | ● | ● | 20 | 18.3 | 200 | 14 | 7.5 | ≥25 | | | | | |
| **S25S SDXCR/L 11** | ● | ● | 25 | 23 | 250 | 17 | 9 | ≥32 | **DC.T 11T3..** | | | AAV-08-M3.5x8 | 80-T15 |
| **S32T SDXCR/L 11** | ● | ● | 32 | 30 | 300 | 22 | 12.5 | ≥40 | | 4015-M3.5x14 | AADN-2-0001 | 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 | | | | | |
| **A16M SDXCR/L 07** | ● | ● | 16 | 14.8 | 150 | 11 | 6.5 | ≥20 | **DC.T 0702..** | 4008-M2.5x6 | - | - | 82-T08 |
| **A20P SDXCR/L 07** | ● | ● | 20 | 18.3 | 170 | 13 | 6.5 | ≥25 | | | | | |
| **A16M SDXCR/L 11** | ● | ● | 16 | 14.8 | 150 | 11 | 7.5 | ≥20 | | 4015-M3.5x11 | - | - | |
| **A20P SDXCR/L 11** | ● | ● | 20 | 18.3 | 170 | 14 | 7.5 | ≥25 | | | | | |
| **A25R SDXCR/L 11** | ● | ● | 25 | 23 | 200 | 17 | 9 | ≥32 | **DC.T 11T3..** | | | AAV-08-M3.5x8 | 80-T15 |
| **A32S SDXCR/L 11** | ● | ● | 32 | 30 | 250 | 22 | 12.5 | ≥40 | | 4015-M3.5x14 | AADN-2-0001 | AAV-06-M3.5x11 | |

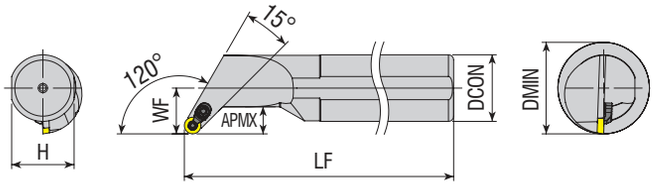
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

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*

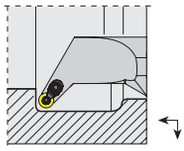
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück S12K SDXCR 07





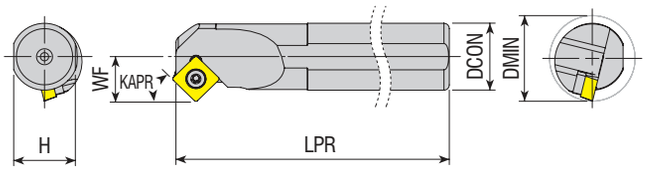



**SRGCR**

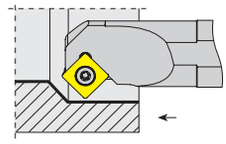


| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | 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 | **RCM. 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 | | | | | | | |




**SSSCR**



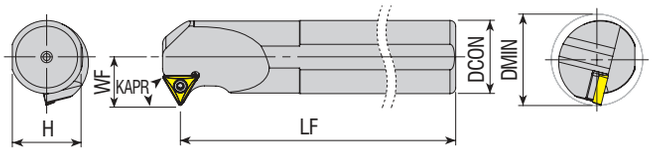
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 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.T 09T3..** | 4015-M3.5x9 | - | - | 80-T15 |
| **S20R SSSCR/L 09** | ● | ● | 20 | 18.3 | 200 | 13 | ≥25 | | 4015-M3.5x11 | | | |
| **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.T 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-10-M4.5x8 | |
| **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*

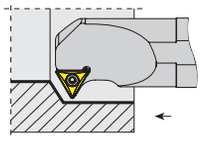
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück S16P SRGCR 08

**KAPR=60°**





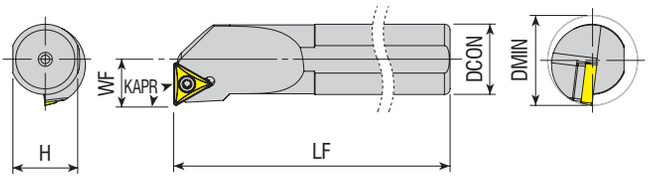

**ST-CR**



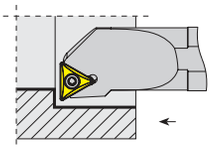
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 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.T 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.T 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**



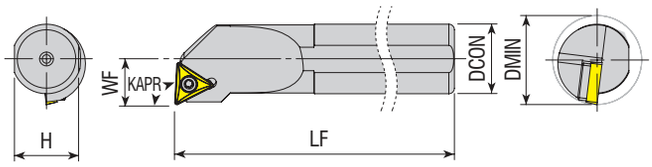
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | |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

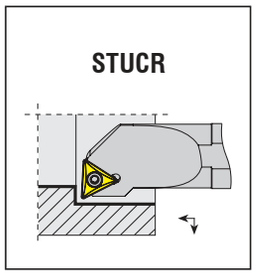
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*

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

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



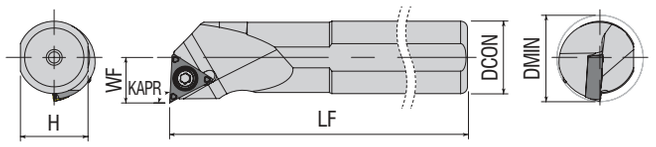

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 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.T 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.T 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.T 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.T 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.T 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.T 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 | | | | AAV-08-M3.5x8 | |
| **A32S STUCR/L 16** | ● | ● | 32 | 30 | 250 | 22 | ≥40 | | 4015-M3.5x14 | AATN-2-0001 | AAV-06-M3.5x11 | |

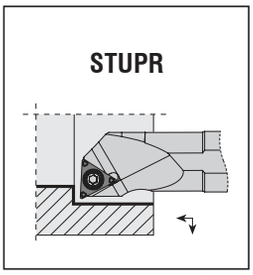
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

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



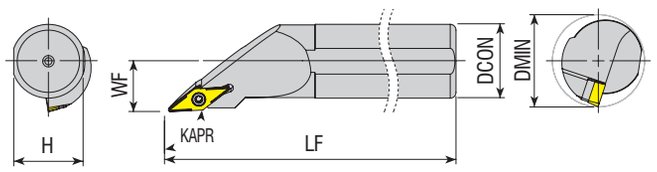


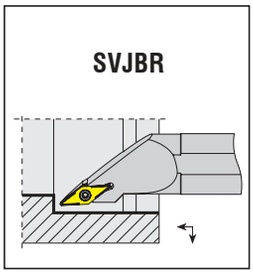




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* R | L | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON | H | LF | WF | DMIN | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *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 | 08 | ≥16 | | | | | |
| **S12M STUPR/L 1103** | ● | ● | 12 | 11 | 150 | 08 | ≥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 | | | | | |



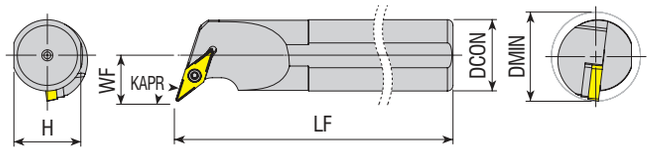

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* R | L | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON | H | LF | WF | DMIN | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **S25S SVJBR/L 16** | ● | ● | 25 | 23 | 250 | 17 | ≥32 | **VB.T 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*

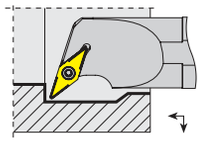
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück S08H STUPR 0802

**KAPR=107.5°**





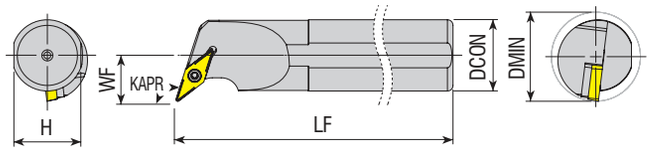

**SVQBR**



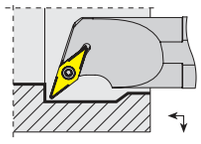
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* R | L | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON | H | LF | WF | DMIN | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim*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

**KAPR=107.5°**






**SVQCR**

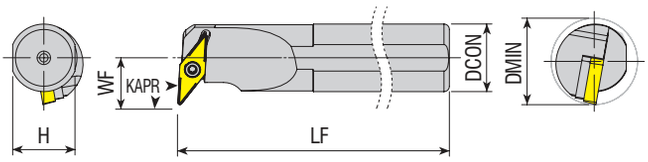


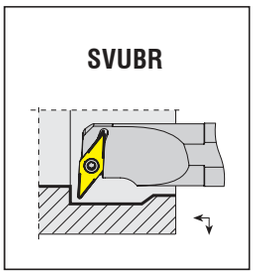
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* R | L | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON | H | LF | WF | DMIN | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **S16P SVQCR/L 11** | ● | ● | 16 | 14.8 | 170 | 11 | ≥20 | **VC.T 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.T 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.T 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.T 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

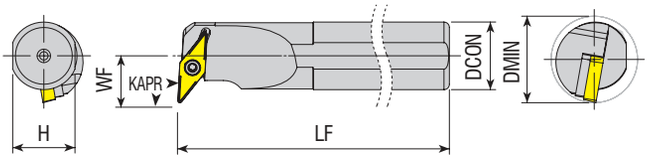


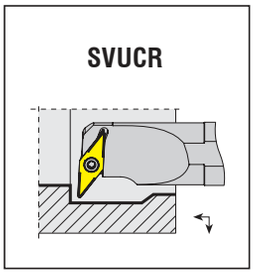




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 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.T 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.T 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 | |



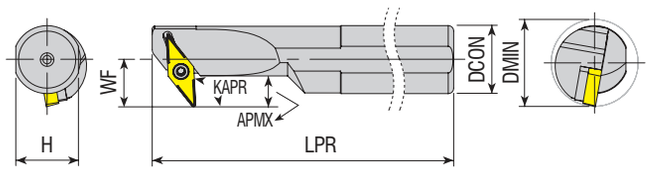

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 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.T 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.T 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.T 0702..** | 3006-M2x4 | - | - | 82-T06 |
| **A20P SVUCR/L 11** | ● | ○ | 20 | 18.3 | 170 | 13 | ≥25 | **VC.T 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.T 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*

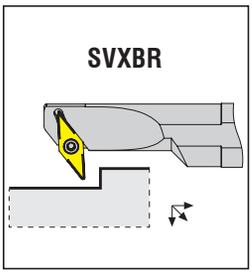
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück S16P SVUBR 11

**KAPR=93°**






**SVXBR**

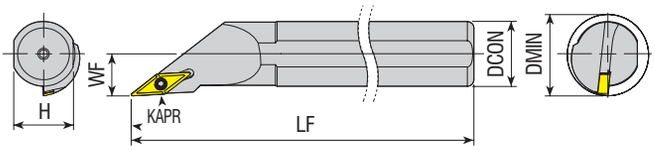


| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | 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 |  |  |  |  |  |
| **S16P SVXBR/L 1102** | ● | ○ | 16 | 14.8 | 170 | 12.5 | 7.2 | ≥20 | **VBM. 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 | ≥20 | **VB.T 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.T 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 | | | | | |

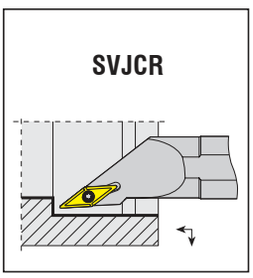
Not: "APMX" ölçüleri R0.4'e göre verilmiştir.
*Note: Dimensions of "APMX" are given according to R.0,4*
*Hinweis: Das Maß "APMX" bezieht sich auf R 0,4*

**KAPR=93°**






**SVJCR**



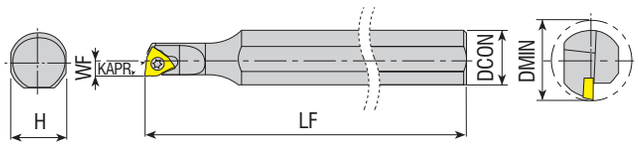
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 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 SVJCR/L 11** | ● | ● | 12 | 11 | 125 | 7 | ≥13 | **VC.T 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*

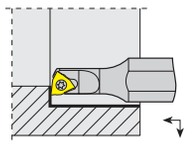
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück S16P SVXBR 1102

**KAPR=95°**





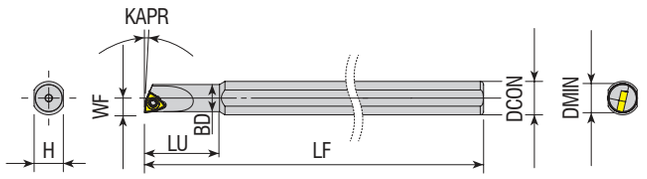

**SWLCR**



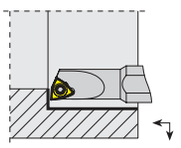
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DCON | H | LF | WF | DMIN | | Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel* |
| **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**



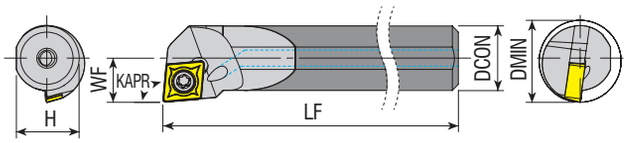
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|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

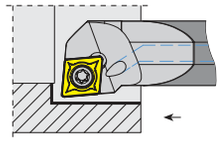
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück S0608H SWLCR 03

**KAPR=95°**





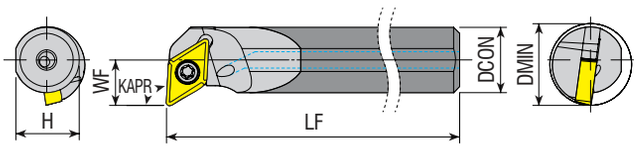

**SCLCR**



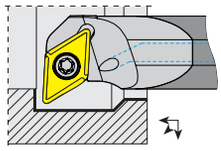
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 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 |  |  |  |  |  |
| new **C04G SCLCR/L 03** | ● | ○ | 4 | 3.7 | 90 | 2.5 | ≥5 | **CC. 0301..** | 4006-M1.6x3.2 | - | - | 82-T06 |
| new **C05H SCLCR/L 03** | ● | ○ | 5 | 4.7 | 100 | 3 | ≥6 | | | | | |
| new **C06J SCLCR/L 04** | ● | ○ | 6 | 5.7 | 110 | 3.5 | ≥7 | **CC. 0401..** | 3006-M2x3.3 | | | |
| new **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.T 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.T 09T3..** | 4015-M3.5x9 | | | 80-T15 |

**KAPR=93°**






**SDUCR**



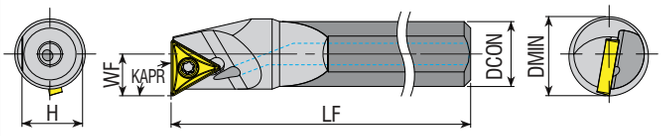
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 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.T 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.T 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*

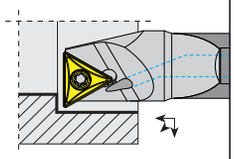
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück C04G SCLCR 03

**KAPR=90°**





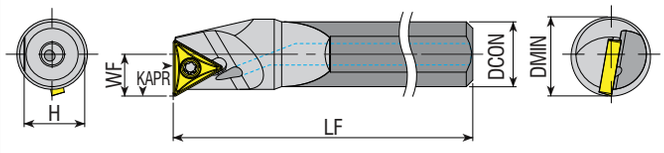

**STFCR**



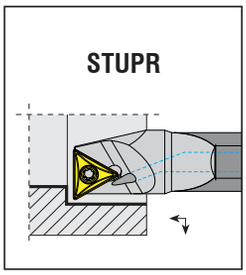
| Takım Kodu *Ordering Code* Bestell-Bezeichnung | Stok *Stock* Lager | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | DCON | H | LF | WF | DMIN |  |  |  |  |  |
| **E10M STFCR/L 09** | ● | ● | 10 | 9.5 | 150 | 6 | 12 | **TC.T 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.T 1102..** | 4008-M2.5x6 | | | 82-T08 |

**KAPR=93°**




**STUPR**



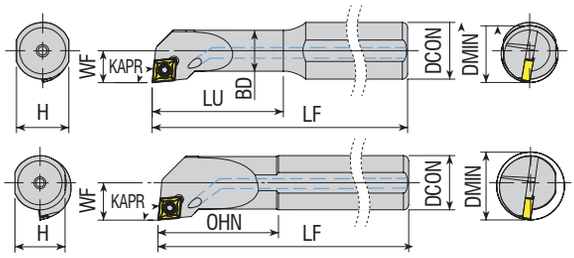
| Takım Kodu *Ordering Code* Bestell-Bezeichnung | Stok *Stock* Lager | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | DCON | H | LF | WF | DMIN |  |  |  |  |  |
| **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*

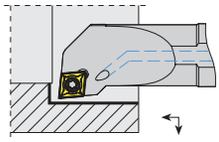
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück E10M STFCR 09

**SET-A/SCLCR/L**





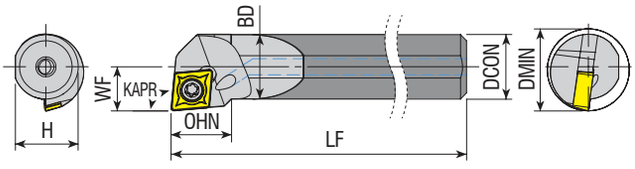

**SCLCR**



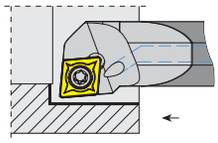
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | 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 | | | | | |
| **A10H SCLCR/L 06** | ● | ● | 10 | 10 | 9 | 25 | 100 | 7 | ≥13 | **CC.T 0602..** | 4008-M2.5x6 | - | - | 82-T08 |
| **A12H SCLCR/L 06** | ● | ● | 12 | 12 | 11 | 25 | 100 | 9 | ≥16 | | | | | |
| **A16M SCLCR/L 09** | ● | ● | 16 | 16 | 14.8 | 35 | 150 | 11 | ≥20 | **CC.T 09T3..** | 4015-M3.5x9 | | | 80-T15 |

**SET-E/SCLCR/L**





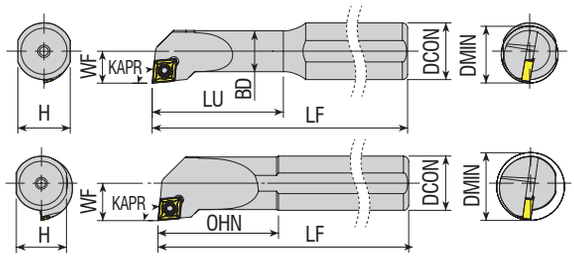

**SCLCR**



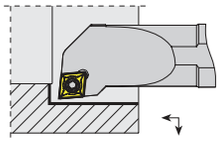
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | 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 | | | | | |
| **E10M SCLCR/L 06** | ● | ○ | 10 | 10 | 9.5 | 10 | 150 | 7 | ≥13 | **CC.T 0602..** | 4008-M2.5x6 | - | - | 82-T08 |
| **E12Q SCLCR/L 06** | ● | ○ | 12 | 12 | 11 | 12 | 180 | 9 | ≥16 | | | | | |
| **E16R SCLCR/L 09** | ● | ○ | 16 | 16 | 15 | 15 | 200 | 11 | ≥20 | **CC.T 09T3..** | 4015-M3.5x9 | | | 80-T15 |

**SET-S/SCLCR/L**






**SCLCR**



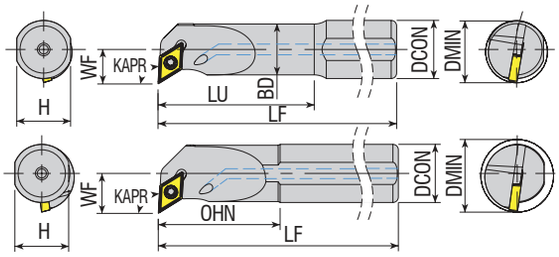
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | 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 | | | | | |
| **S10K SCLCR/L 06** | ● | ● | 10 | 10 | 9 | 25 | 125 | 7 | ≥13 | **CC.T 0602..** | 4008-M2.5x6 | - | - | 82-T08 |
| **S12K SCLCR/L 06** | ● | ● | 12 | 12 | 11 | 25 | 125 | 9 | ≥16 | | | | | |
| **S16P SCLCR/L 09** | ● | ● | 16 | 16 | 14.8 | 35 | 170 | 11 | ≥20 | **CC.T 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*

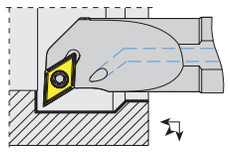
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück SET-A/SCLCR

**SET-A/SDUCR/L**





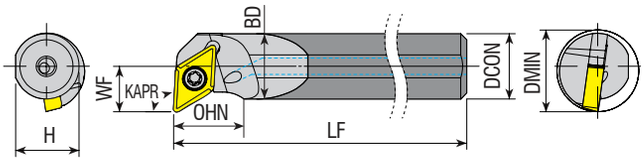

**SDUCR**



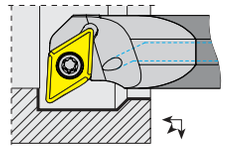
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | 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.T 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.T 11T3..** | 4015-M3.5x9 | | | 80-T15 |

**SET-E/SDUCR/L**





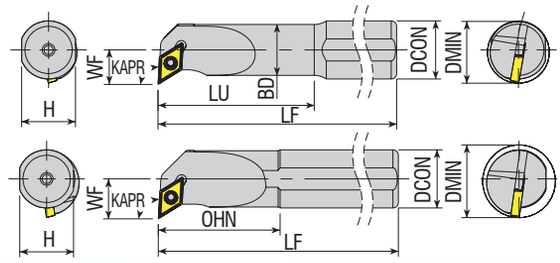

**SDUCR**



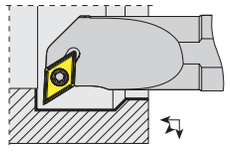
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | 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 | **DC.T 0702..** | 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 | **DC.T 11T3..** | 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.T 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.T 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*

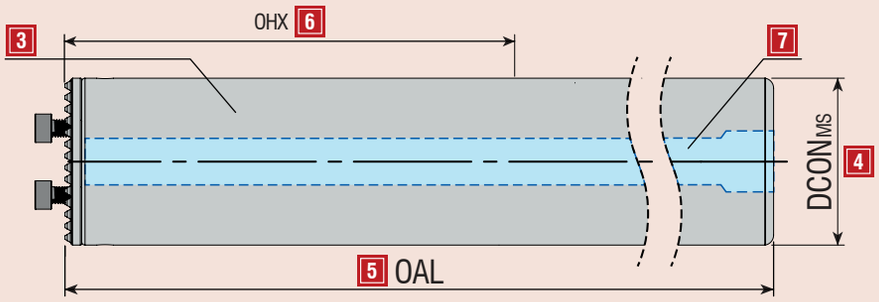


| AKKO | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|
| A | T | T | B | D16 | 204 | 10D | H | E |

**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 | 1 | 2 | 3 | 4 | 5 | 6 |
|---|---|---|---|---|---|---|
| A | T | T | C | A | 16 | SDUCR11 |

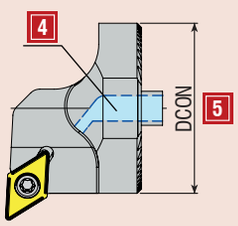
**2 Takım Tipi** / *Tool Type* / *Werkzeugtyp*
Tırlamaz Takım Kartuşu
*Anti Vibration Tool Cartridge*
*Wechselkopf für Schwingungsgedämpfte Bohrstange*

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

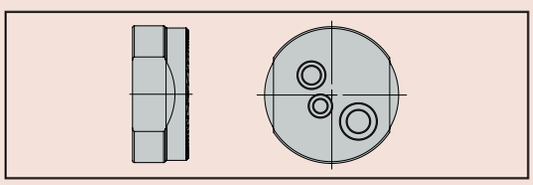
**4 İçten Soğutmalı** / *With Coolant Hole* / *Mit Innenkühlung*

**5 Bağlama Çapı** / *Connection Diameter* / *Anschlussdurchmesser*
Ø16 - Ø20 - Ø25
Ø32 - Ø40

**2 Kartuş Tipi** / *Cartridge Type* / *Wechselkopftyp*
SDUCR/L, SCLCR/L, SVUCR/L, TCLNR/L, TDUNR/L




| AKKO | 1 | 2 | 3 | 4 |
|---|---|---|---|---|
| A | T | T | C | 16-25 |

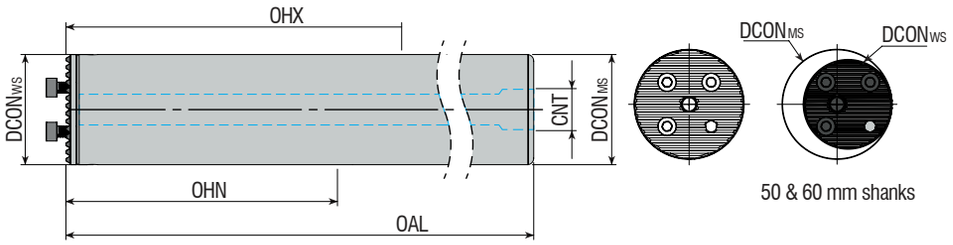


**2 Takım Tipi** / *Tool Type* / *Werkzeugtyp*
Tırlamaz Takım Kartuşu
*Anti Vibration Tool Cartridge*
*Wechselkopf für Schwingungsgedämpfte Bohrstangen*

**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* *Монтажный винт сголовкой под шестигранник* |
| **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 | 2525-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-M5X16 | 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 | | |

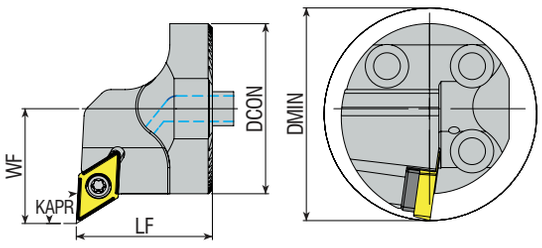
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

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

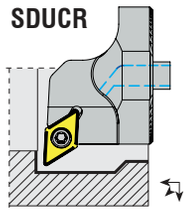


**KAPR=93°**





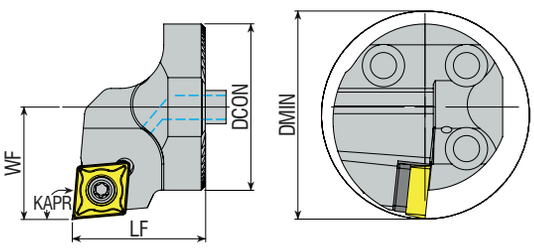

**SDUCR**



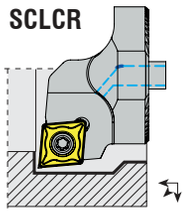
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* R | L | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON | LF | WF | DMIN | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim* *Unterlage* | Altlık Vidası *Shim Screw* *Schraube für Unterlage* | Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | |  |  |  |  | |
| ATTC-A16 SDUCR/L 07 | ● | ● | 16 | 20 | 11 | 20 | **DC.T 0702..** | 4008-M2.5x6 | - | - | 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.T 11T3..** | 4015-M3.5x14 | AADN-2-0001 | AAV-06-M3.5x11 | 80-T15 |
| ATTC-A40 SDUCR/L 11 | ● | ● | 40 | 32 | 27 | 50 | | | | | |

**KAPR=95°**






**SCLCR**



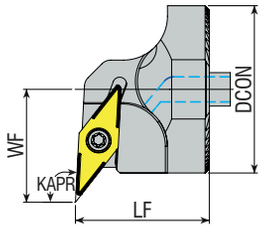
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* R | L | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON | LF | WF | DMIN | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Altlık *Shim*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

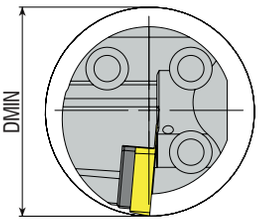
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

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

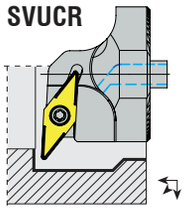
**KAPR=93°**

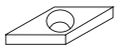




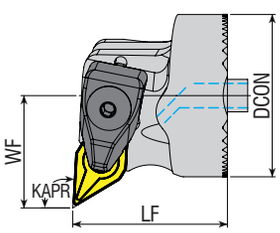

**SVUCR**

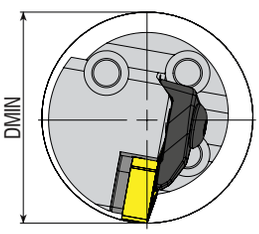


| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* | | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* | | | | Kesici Uç / *Insert* / *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|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

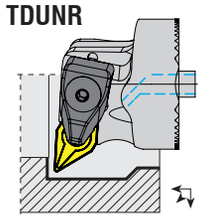
**KAPR=93°**

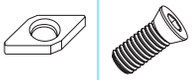
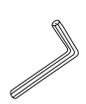





**TDUNR**



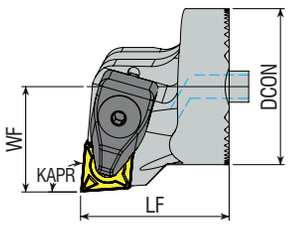
| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* | | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* | | | | Kesici Uç / *Insert* / *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 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 | LF | WF | DMIN |  |  |  |  |  |  |  |  |
| **ATTC-A32 TDUNR/L 11** | ● | ● | 32 | 32 | 22 | 40 | **DNM. 1104..** | ATK-01 | AKV-01-M5x22 | AADN -2-0001 | AAV-04-M5x12 | AS-01 | ABPL-01 | AAL-03-3 |
| **ATTC-A40 TDUNR/L 15** | ● | ● | 40 | 38 | 27 | 50 | **DNM. 1506..** | ATK-02 | AKV-30-M6x22 | AADN -3-0001 | AAV-02-M5x12 | | | |

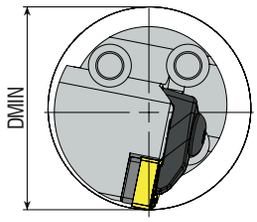
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

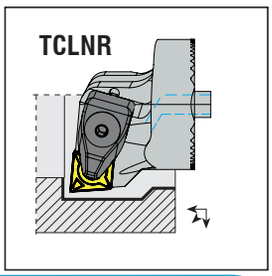
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 AD./PCS./STÜCK ATTC-A20 SVUCR 11

## TIRLAMAZ TAKIMLARIN KARTUŞLARI
## *ANTI VIBRATION TOOLS CARTRIDGES*
*WECHSELKOPF FÜR SCHWINGUNGSGEDÄMPFTE BORSTANGE*



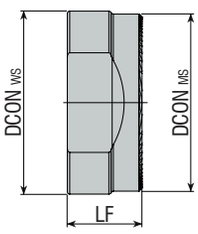



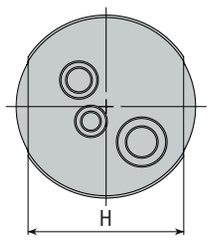




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 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 | LF | WF | DMIN | | | | | | | | |
| **ATTC-A32 TCLNR/L 12** | ● | ● | 32 | 32 | 22 | 40 | **CNM. 1204..** | ATK-02 | AKV-30-M6x22 | AACN -3-0001 | AAV-02-M5x12 | AS-01 | ABPL-01 | AAL-03-3 |
| **ATTC-A40 TCLNR/L 12** | ● | ● | 40 | 38 | 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* *Борштанги* |
|---|---|---|---|---|---|---|
| | | 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*

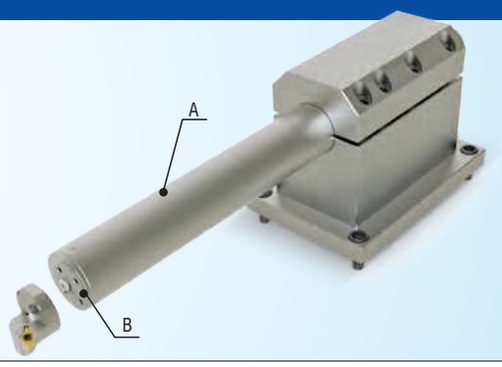
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ATTC-A32 TCLNR 12

## 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*

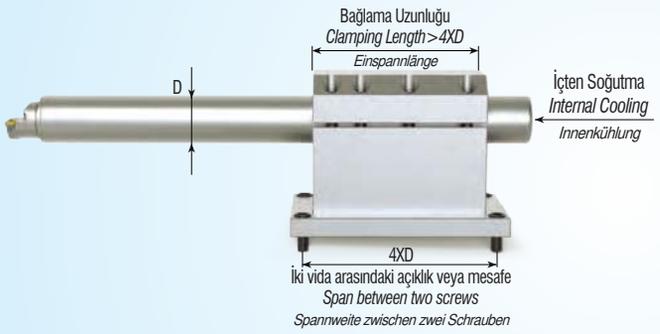



## 2 Gövde Montajı | *Assembly for the Shank* | *Schaftmontage*

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.*



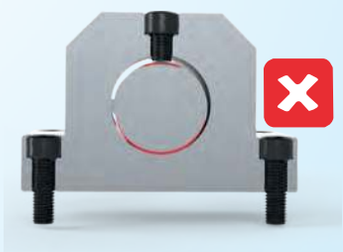












## 3 Merkez Yüksekliğinin Ayarlanması | *Adjusting the Height of Centre Assembly* | *Einstellung der Zentrumhöhe*

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*

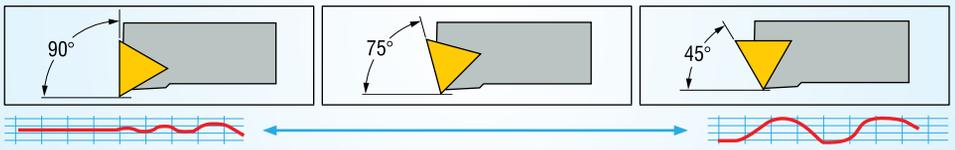
## Doğru Uç Seçimi / *Choosing the Correct Insert* / *Auswahl der richtigen Wendeschneidplatte*

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.

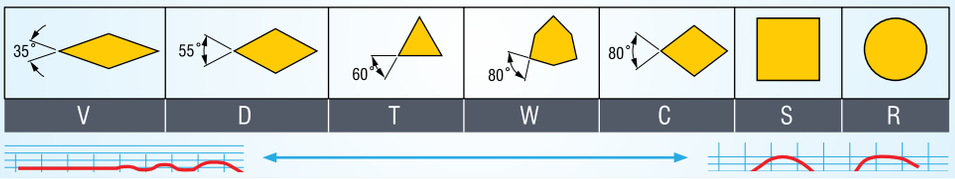
*Choosing the correct insert can have a big influence on the overall success of vibration damping. The main way the insert can improve the machining stability is by minimizing the cutting forces. Following the guidelines below should be your first step to eliminate vibrations: If possible, use it always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

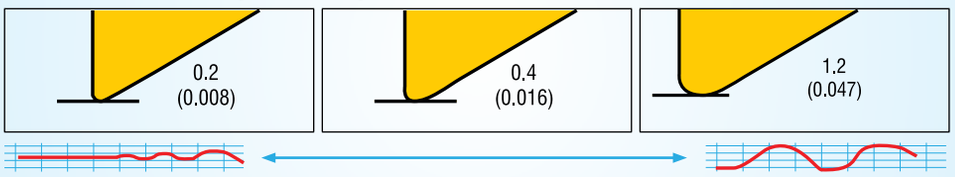
**A** Radyal kuvvetleri minimuma indirmek için mümkün olduğunca 90° 'ye yakın bir giriş açılı takımı seçin.
*Choose an entry angle that is as close as possible to 90° to reduce the radial forces to a minimum.*
*Wählen Sie einen Eintrittswinkel, der so nah wie möglich an 90 ° liegt, um die Radialkräfte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



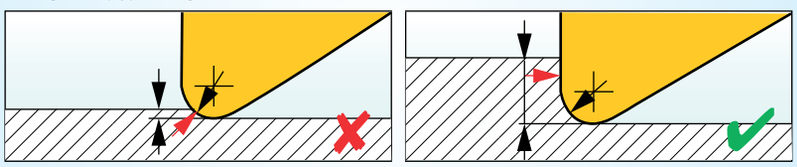

**B** Mümkün olan en küçük kesici uç açısını seçin. Böylece kesme kuvvetleri azalacak ve yüzey kalitesi artacak.
*Choose the smallest insert head angle possible. This will reduce overall cutting forces and increase the clearance.*
*Wählen Sie den kleinstmöglichen Wendeschneidplattenwinkel. Damit wird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



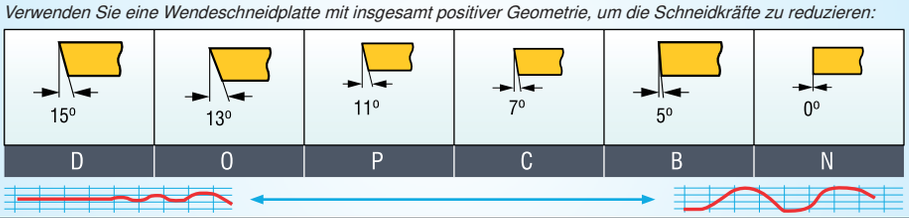

**C** Titreşimi azaltmak için olabildiğince en küçük radyüslü ucu seçmelisiniz.
*Choose a small nose radius to reduce the cutting forces and to enable machining in a lower depth of cut.*
*Wählen Sie einen Eintrittswinkel, der so nah wie möglich an 90 ° liegt, um die Radialkräfte auf ein Minimum zu reduzieren.*



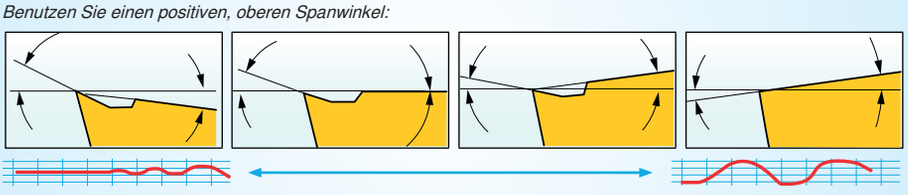

**D** İşleme derinliği (ap) radyüsten daha büyük olmalıdır.
*Machining depth (ap) should be larger than the nose radius.*
*Die Bearbeitungstiefe (ap) sollte größer als der Schneideckenradius sein.*



**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®

*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*)

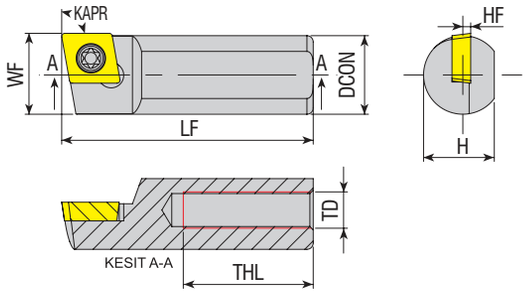
## 8 Kartuş Tipi / *Cartridge Type* / *Wechselkopftyp*

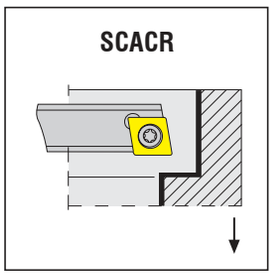
**A**
(ISO 5611)

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

L L L



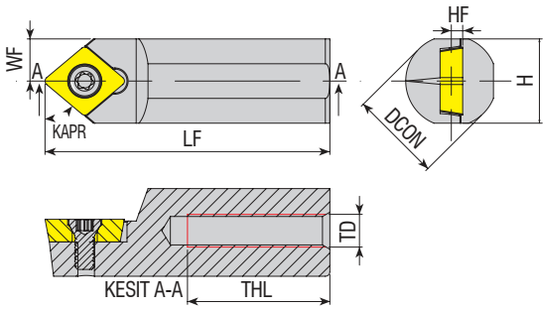



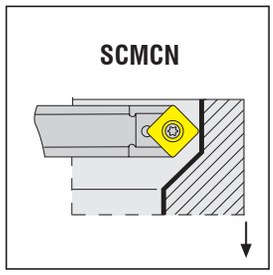

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | 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.T 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 | 12.2 | M5x0.8 | | | |
| **S1265 SCACR/L 09** | ○ | ● | 12 | 11 | 65 | 25 | 2 | 12.3 | M5x0.8 | | | |
| **S12H SCACR/L 09** | ● | ● | 12 | 11 | 100 | 25 | 2 | 12.2 | 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.T 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.T 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

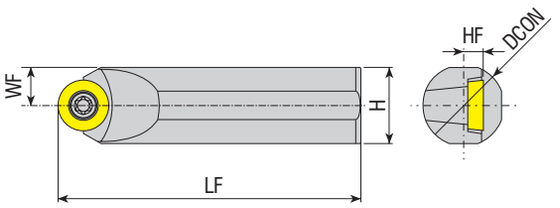


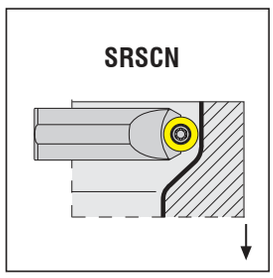




| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* | | | | | | | Kesici Uç / *Insert* / *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DCON | H | LF | THL | HF | WF | TD |  | Sıkma Vidası / *Screw* / *Klemmschraube*  | Tork Anahtar / *Torx Key* / *Torx Innensechskantschlüssel*  |
| **S10X SCMCN 06** | ● | 10 | 9 | 25 | 10 | 1 | 5 | M5x0.8 | **CC.T 0602..** | 4008-M2.5x6 | 82-T08 |
| new **S10A SCMCN 06** | ● | 10 | 9 | 32 | 15 | 1 | 5 | | | | |
| new **S10B SCMCN 06** | ● | 10 | 9 | 40 | 20 | 1 | 5 | | | | |
| new **S10C SCMCN 06** | ● | 10 | 9 | 50 | 25 | 1 | 5 | | | | |
| new **S10D SCMCN 06** | ● | 10 | 9 | 60 | 25 | 1 | 5 | | | | |
| **S12D SCMCN 06** | ● | 12 | 11 | 60 | 25 | 1 | 6 | | | | |
| **S16C SCMCN 09** | ● | 16 | 15 | 50 | 25 | 2 | 8 | M6x1 | **CC.T 09T3..** | 4015-M3.5x11 | 80-T15 |
| **S16D SCMCN 09** | ● | 16 | 15 | 60 | 25 | 4 | 8 | | | | |





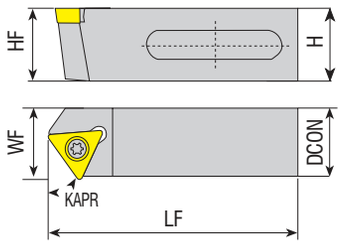

| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* | | | | | Kesici Uç / *Insert* / *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|
| | | DCON | H | WF | HF | LF |  | Sıkma Vidası / *Screw* / *Klemmschraube*  | Tork Anahtar / *Torx Key* / *Torx Innensechskantschlüssel*  |
| **S12D SRSCN 10** | ● | 12 | 11 | 6 | 3.9 | 60 | **RC.. 10T3..** | 4015-M3.5x9 | 80-T15 |
| **S14D SRSCN 10** | ● | 14 | 13 | 7 | 3.9 | 60 | | 4015-M3.5x11 | |
| **S16D SRSCN 10** | ● | 16 | 15 | 8 | 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 S10X SCMCN 06

**KAPR=35°**



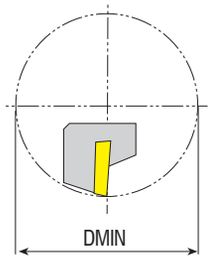


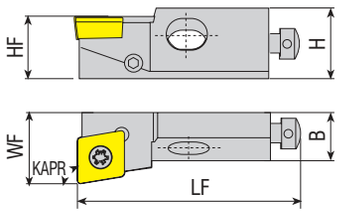

| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* R | L | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* DCON | H | HF | LF | WF | Kesici Uç / *Insert* / *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası / *Screw* / *Klemmschraube* | 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 | | | |

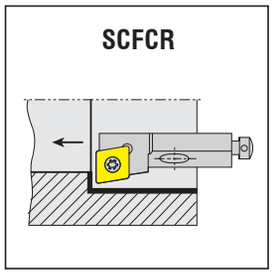


**KAPR=90°**





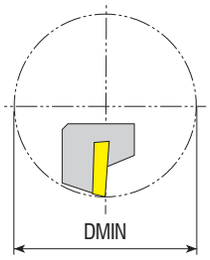

| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* R | L | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* HF | H | B | LF | WF | DMIN | Kesici Uç / *Insert* / *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Altlık / *Shim* / *Unterlage* | 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 | |

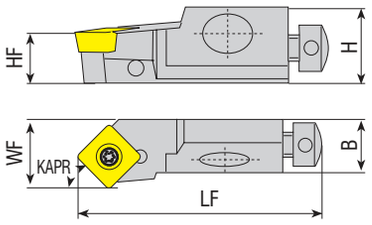
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

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

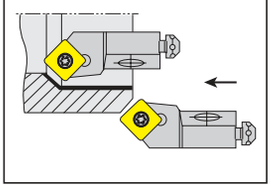
**KAPR=45°**





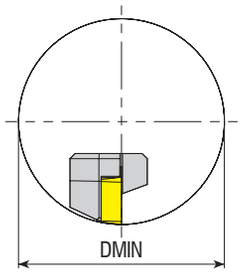

**SCSCR**

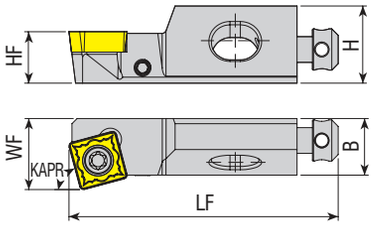


| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | 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 |

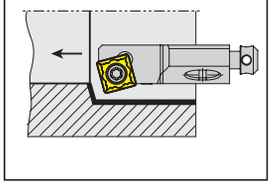
**KAPR=75°**






**SSKCR**



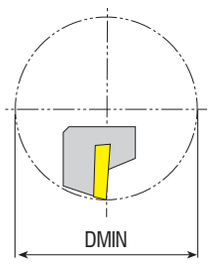
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | 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 |

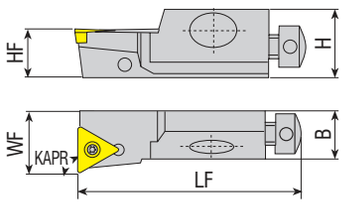
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

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

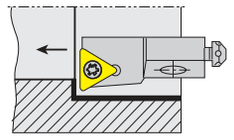
**KAPR=90°**





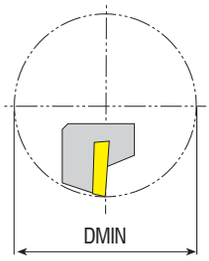

**STFCR**

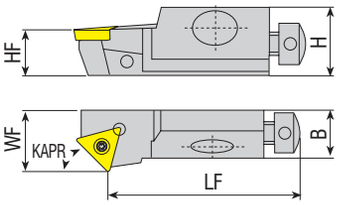


| Takım Kodu / Ordering Code / Bestell-Bezeichnung | Stok / Stock / Lager | | Takım Ölçüleri (mm) / Dimension (mm) / Abmessung (mm) | | | | | | Kesici Uç / Insert / Wendeschneidplatte | Yedek Parçaları / Spare Parts / Ersatzteile | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | 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 | |

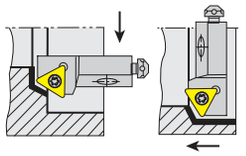
**KAPR=45°**

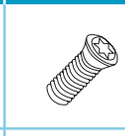





**STSCR**



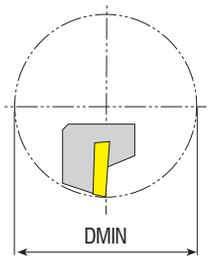
| Takım Kodu / Ordering Code / Bestell-Bezeichnung | Stok / Stock / Lager | | Takım Ölçüleri (mm) / Dimension (mm) / Abmessung (mm) | | | | | | Kesici Uç / Insert / Wendeschneidplatte | Yedek Parçaları / Spare Parts / Ersatzteile | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | 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 |

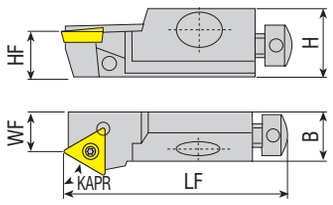
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

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

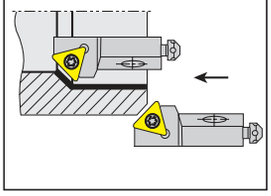
**KAPR=60°**






**STTCR**

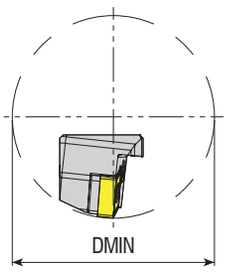


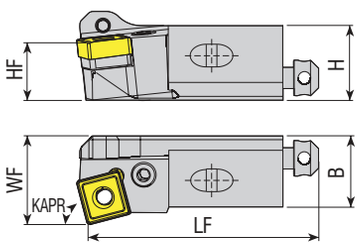
| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* | | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* | | | | | | Kesici Uç / *Insert* / *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | 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 |
| new **STTCR/L 12CA 16** | ● | ○ | 12 | 20 | 14.8 | 55 | 20 | ≥50 | **TC.T 16T308** | - | - | 4015-M3.5x9 | 80-T15 |

## P-SİSTEM KARTUŞLAR
*P-SYSTEM CARTRIDGE*
*P-SYSTEM KURZDREHHALTER*

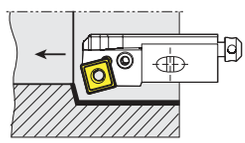
**KAPR=75°**






**PSKNR**



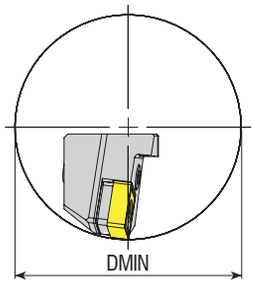
| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* | | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* | | | | | | Kesici Uç / *Insert* / *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | 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-02-2.5 |

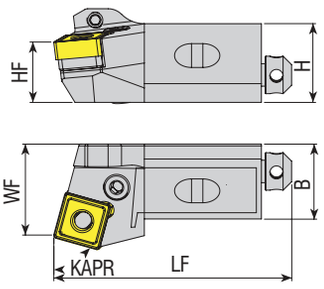
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

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

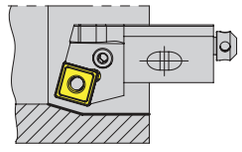
**KAPR=75°**





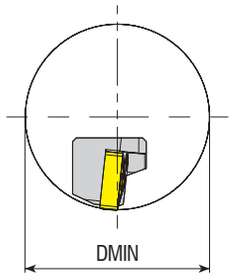

**PSRNR**

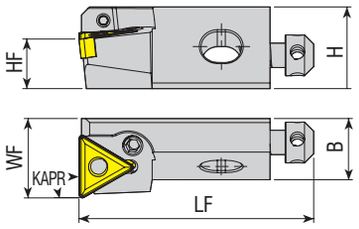


| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | 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 |

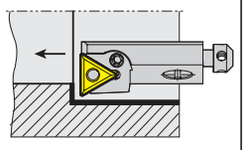
**KAPR=90°**






**PTFNR**

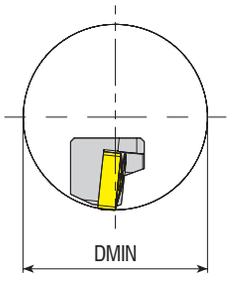


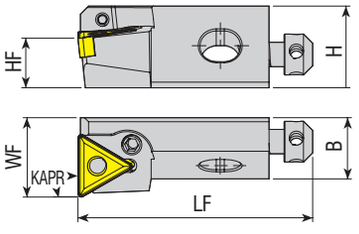
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | 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 | |
| new **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 |
| new **PTFNR/L 20CA 22** | ● | ○ | 20 | 30 | 20 | 63 | 25 | ≥70 | | | | | | |

new

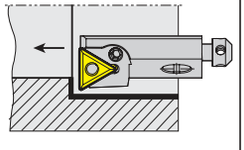
**KAPR=90°**






**PTGNR**

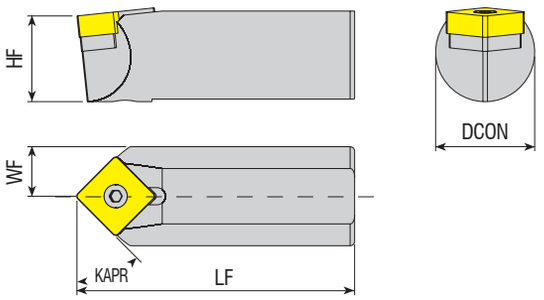


| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | 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 PSRNR 16CA 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 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DCON | HF | LF | WF | | Altlık / Shim / Unterlage | Sıkma Vidası / Screw / Klemmschraube | Baskı Parçası / Wedge Clamp / Spannpratze | Baskı Vidası / Clamp Screw / Klemmschraube | Tork Anahtar / Torx Key / Torx Innensechskantschlüssel |
| **S22D PSDNN 12C** | ● | 22 | 17.5 | 65 | 11 | **SNM. 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



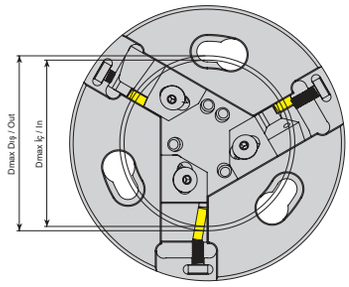
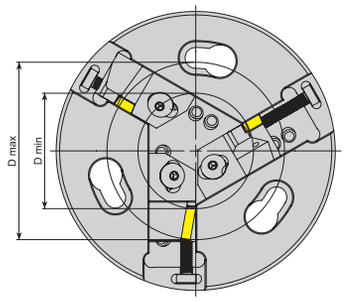
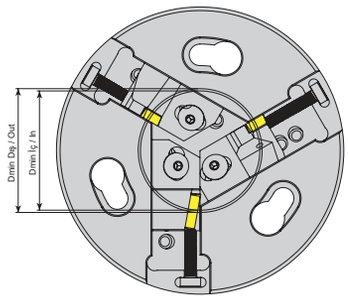
| Takım Kodu / Ordering Code / Bestell-Bezeichnung | | Yedek Parçaları / Spare Parts / Ersatzteile | | | | |
|---|---|---|---|---|---|---|
| | | Eksenel Ayar Vida / Axial Adj. Screw / Axial-Einstellschraube | Radyal Ayar Vida / Radial Adj. Screw / Radial-Einstellschraube | Radyal Ayar Vida Anahtarı / 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 | AAL-03-3 |
| **SCSCR/L** | 08CA 06 | 2600-M4x9.5 | 2715-M3x5 | AAL-09-1.5 | AKV-23-M4x10 | AAL-03-3 |
| **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 | AAL-03-3 |
| **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 |

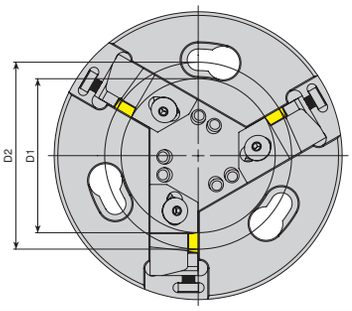









| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Ölçü Aralığı (mm) *Boring Range (mm)* *Bohrbereich (mm)* | | | | | Kartuşlar *Cardridge* *Kurzdrehhalter* | Gövde Takım Kodu *Body Tool Code* *Grundkörper-Bezeichnung* | Teknik Çizim *Tecnical Draw* *Technische Zeichnung* |
|---|---|---|---|---|---|---|---|---|---|
| | | 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*

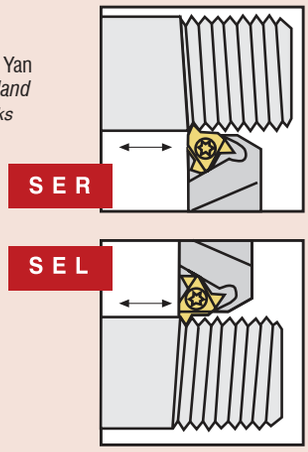
S: Vida Sıkmalı
S: *Screw Clamping* / *S Schrauben-Spannsystem*
T: Vida Sıkmalı Helis Açılı
T: *Screw Clamping with Helix Angle*
*T: Schraubenklemmung für unterschiedliche Einstellwinkel*

## 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*



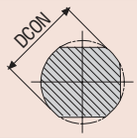

## 4 Takım Malzemesi / Type of Boring / *Art der Bohrstange*

*"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*

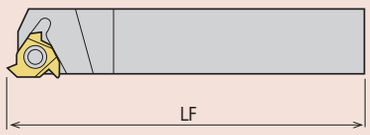
## 4-5 Dış Çap Şaft Ölçüleri / *External Shank Size* *Äußere Schaftgröße*

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

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



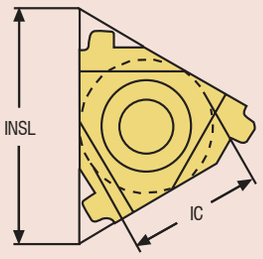

## 6 Şaft Boyu / *Shank Length* / *Schaftlänge*




(mm)

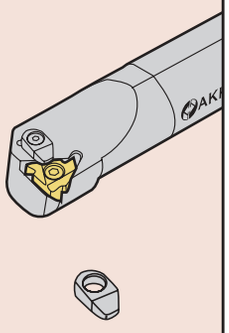
| | | | |
|---|---|---|---|
| A-32 | H-100 | Q-180 | x-special |
| B-40 | J-110 | R-200 | |
| C-50 | K-125 | S-250 | |
| D-60 | L-140 | T-300 | |
| E-70 | M-150 | U-350 | |
| F-80 | N-160 | V-400 | |
| G-90 | P-170 | W-450 | |

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



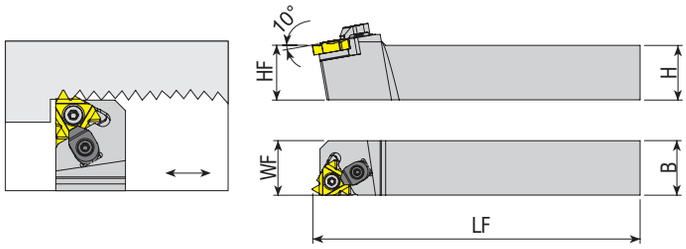

| l (mm) | d |
|---|---|
| 06 | 5/32" |
| 08 | 3/16" |
| 11 | 1/4" |
| 16 | 3/8" |
| 22 | 1/2" |
| 27 | 5/8" |

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



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

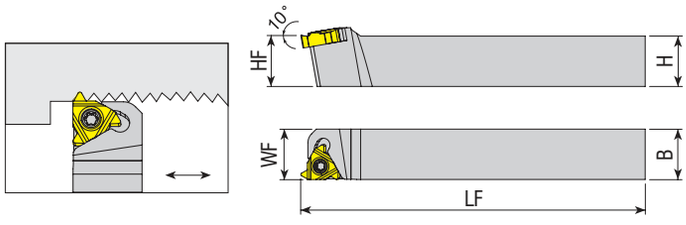





| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* | | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* | | | | Kesici Uç / *Insert* / *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 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 | | | | | | | |







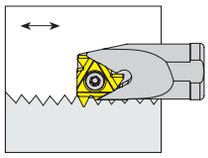

| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* | | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* | | | | Kesici Uç / *Insert* / *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 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 | | | | | | | |
| new **SER/L 1212 K16-S** | ● | ● | 12 | 12 | 125 | 12 | **16 ER 3.5** | 4015-M3.5X14 | AATN-2-0020 | AAV-08-M3.5X8 | | | 80-T15 |

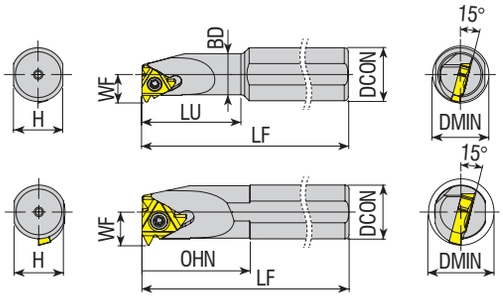
R: Sağ / Right / *Rechts* L: Sol / Left / *Links* ● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
Takımlar standart 1.5° helis açılı olarak üretilir. / *The tools have a built in 1.5° helix angle.* / *GEWINDE-DREHHALTER werden mit Einstellwinkel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

**UYARI** / ***WARNING*** / *ПРЕДУПРЕЖДЕНИЕ:* Sayfa 114'deki B ve D figürleri uygulanamaz. / *The operation for B and D on page 114 can not be applied.* / *130: für Abbildung B und D: nicht verwenden*

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





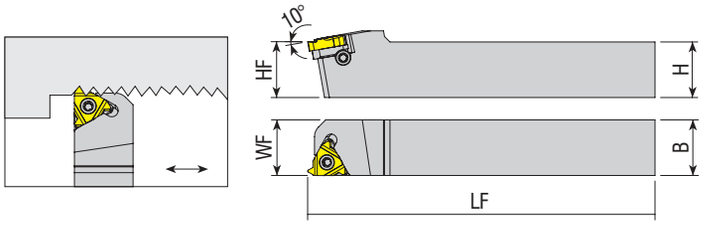



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | Sıkma Vidası *Screw* *Klemmschraube* | 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 S12K 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 | | | | | | | |
| new SIR/L A16X13M 16 | ● | ● | 16 | 12.8 | 150 | 32 | 9.05 | 18.1 | 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 | | | | | | | |
| SIR/L S20X16P 16 | ● | ● | 20 | 16 | 170 | 40 | 11.7 | 19 | | 4015-M3.5x11 | | | | | |
| new SIR/L A20X16P 16 | ● | ● | 20 | 31 | 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 | | 4015-M3.5x14 | AATN-2-0020 | AAV-08-M3.5x8 / AAV-06-M3.5x11 | ACK-05 | 4015-M4x11 | |
| 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 | | | | | | | |
| SIR/L S20P 22 | ● | ● | 20 | 20 | 170 | - | 15.7 | 24 | 22 IR/L (3.5 - 4.5) ISO METRIC | 4020-M4.5x12 | - | - | - | - | 80-T20 |
| SIR/L S25R 22C | ● | ● | 25 | 25 | 200 | - | 18.1 | 29 | | 1020-M4.5x16 | AATN-2-0004 | AAV-10-M4.5x8 / AAV-07-M4.5x13 | ACK-05 | 4015-M4x11 | |
| SIR/L S32S 22C | ● | ● | 32 | 32 | 250 | - | 21.6 | 38 | | | | | | | |
| 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 | - | - | | | 80-T15 |
| SIR/L S32S 16C-T | ● | ● | 32 | 32 | 250 | - | 19.7 | 36 | | | | | | | |
| SIR/L S25R 22C-T | ● | ● | 25 | 25 | 200 | - | 18.1 | 29 | 22 IR/L (4-6 TR) | 1020-M4.5x16 | - | - | | | 80-T20 |
| SIR/L S32S 22C-T | ● | ● | 32 | 32 | 250 | - | 21.6 | 38 | | | | | | | |
| new SIR/L S40T 27V T08 | ● | ● | 40 | 39.5 | 300 | 70 | 29 | 50 | 27VNR10TR NNT | 1620-M5X18 | | | | | |

R: Sağ / Right / *Rechts* L: Sol / Left / *Links* ● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Нет в наличи*
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*** / *ПРЕДУПРЕЖДЕНИЕ*: Sayfa 115'deki B ve D figürleri uygulanamaz. / *The operation for B and D on page 115 can not be applied.* / *130: für Abbildung B und D: nicht verwenden*

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



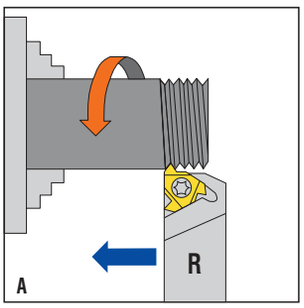

| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* | | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* | | | | Kesici Uç / *Insert* / *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Sıkma Vidası / *Screw* / *Klemmschraube* | 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 Unterlegenring* | 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 | **22 ER/EL** | 1720-U8-32x15 | ATS-22E | ATS-22I | AAV-12-U8-32x5.5 | ABPL-04 | 80-T20 |
| **TER/L 3232 P22** | ● | ● | 32 | 32 | 170 | 32 | | | | | | | |
| **TER/L 4040 S22** | ● | ● | 40 | 40 | 250 | 40 | | | | | | | |
| **TER/L 2525 M27** | ● | ● | 25 | 25 | 150 | 25 | **27 ER/EL** | 1620-M5x22 | ATS-27E | ATS-27I | AAV-15-M5x5.7 | ABPL-05 | 80-T20 |
| **TER/L 3232 P27** | ● | ● | 32 | 32 | 170 | 32 | | | | | | | |
| **TER/L 4040 S27** | ● | ● | 40 | 40 | 250 | 40 | | | | | | | |

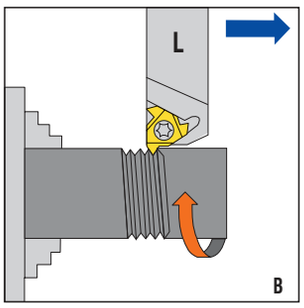
R: Sağ / Right / *Rechts* L: Sol / Left / *Links* ● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

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*

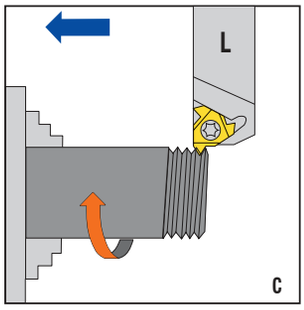
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück TER 1616 H16

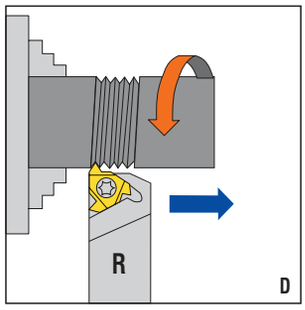
## DIŞ ÇAP SAĞ YÖNDE VİDA AÇMA
## *EXTERNAL RIGHT HAND THREADING OPERATION*
*HERSTELLUNG VON AUßEN-RECHTSGEWINDE*




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



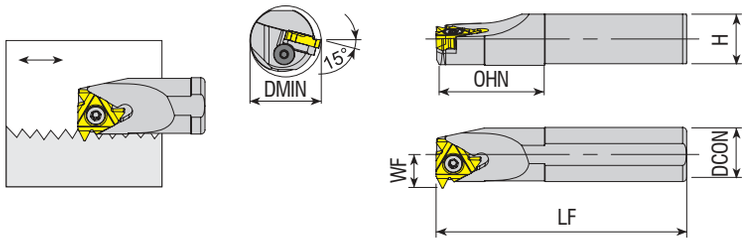




**UYARI** / ***WARNING*** / ***ACHTUNG***

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.*



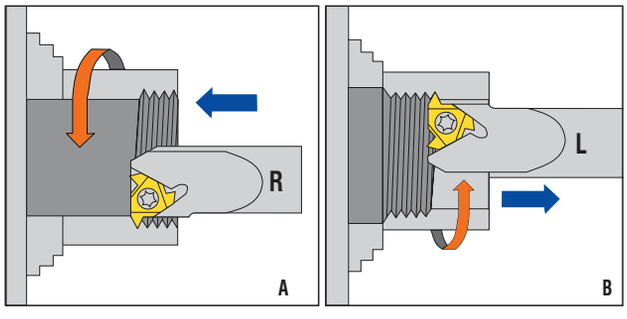



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | Sıkma Vidası *Screw* *Klemmschraube* | 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 | | | | | | | |
| new TIR/L A20P 16 | ● | ○ | 20 | 13.7 | 170 | 40 | 18 | 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 | | | | | | | |

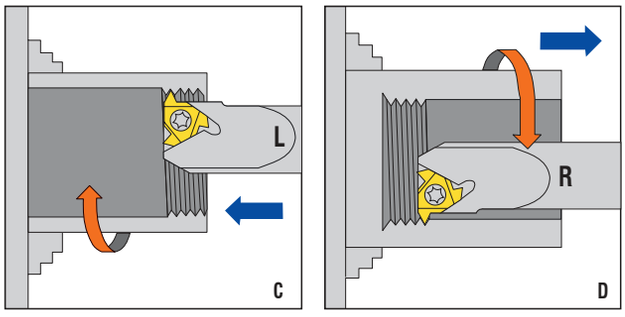
R: Sağ / Right / *Rechts* L: Sol / Left / *Links* ● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
Takımlar standart 1.5° helis açılı olarak üretilir. / *The tools have a built in 1.5° helix angle.* / *GEWINDE-DREHHALTER werden mit Einstellwinkel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



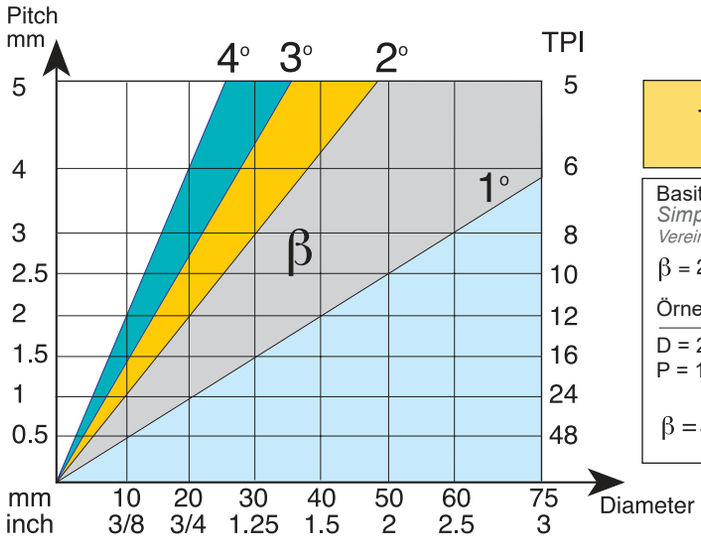

## DELİK İÇİ SOL YÖNDE VİDA AÇMA
## *INTERNAL LEFT HAND THREADING OPERATION*
*HERSTELLUNG VON INNEN -LINKSGEWINDE*




**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*




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

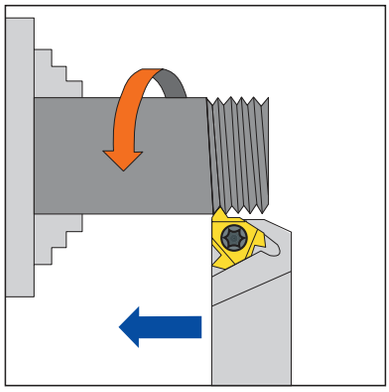
Basitleştirilmiş formül
*Simplified formula*
*Vereinfachte Formel*

$\beta = 20\ P/D$

Örnek / *Example* / *Beispiel* :

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

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

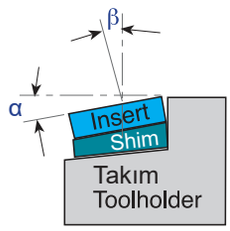


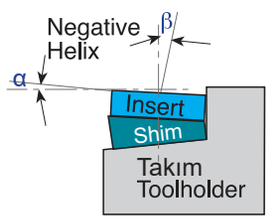
# Standart ve Eğik Altlıklar
## *Standard and Slanted Shim*
### *Standard und Schräge Unterlegplatte*

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 |

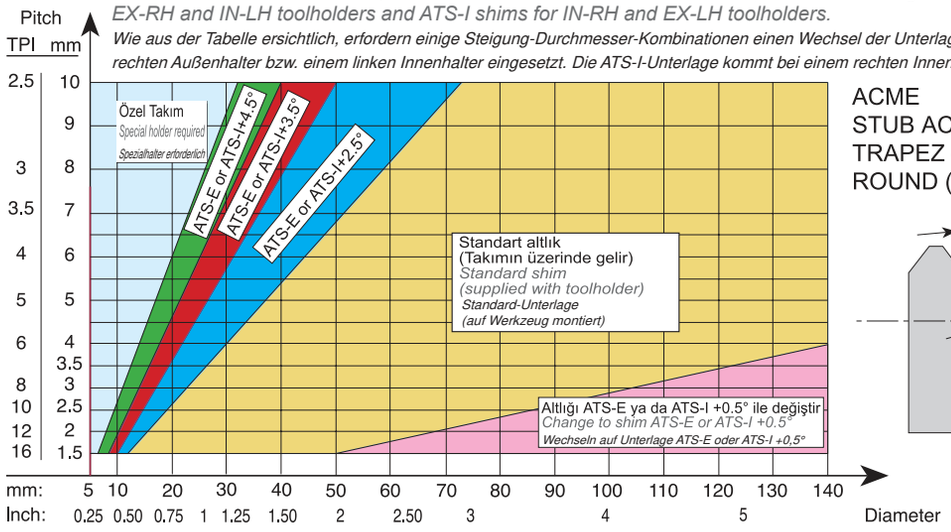
# Altlık Değiştirme Öneri Tablosu / *Shim Change Recommendation*

## *Empfehlungen zum Wechseln der Unterlage*

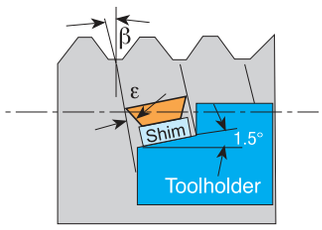
Tabloda da görüldüğü gibi bazı diş hatvelerinin çaplara göre kombinasyonları altlık değişimini gerektirir. Eğer değişim gerekli ise EX-RH ve IN-LH katerleri için ATS-E altlıklarını, IN-RH ve EX-LH katerleri için ATS-I altlıklarını kullanın.

*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.*



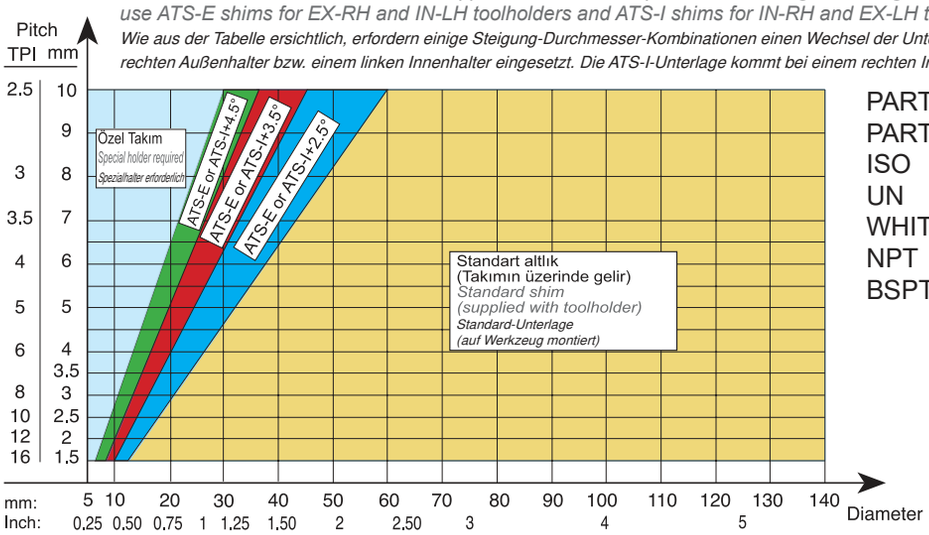

ACME
STUB ACME
TRAPEZ (DIN 103)
ROUND (DIN 405)




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.*

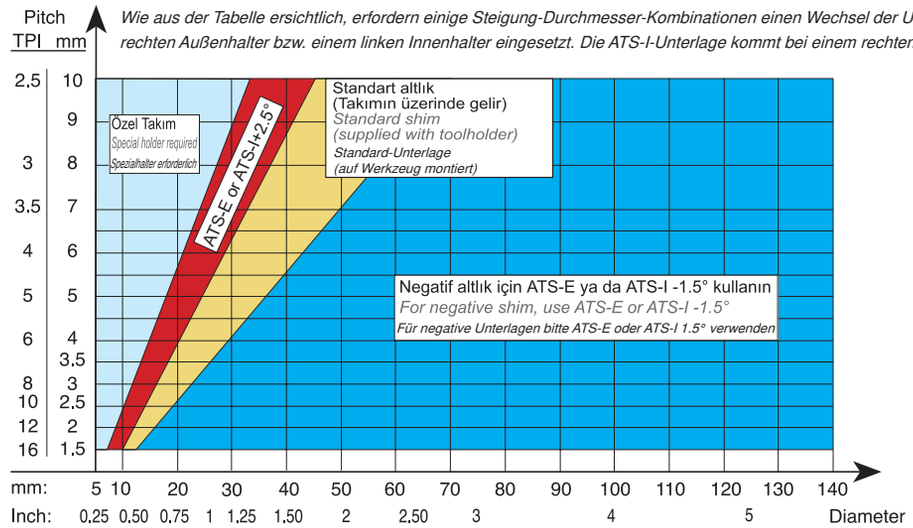


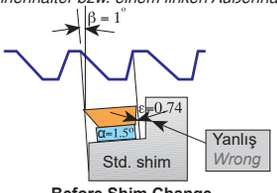

PARTIAL PROFILES 60°
PARTIAL PROFILES 55°
ISO
UN
WHIT.
NPT
BSPT

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.

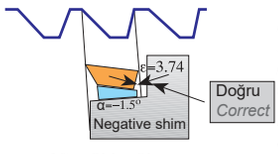
*As can be seen from the chart, most applications require a shim change. In most cases a negative shim is required, use ATS-E shims for EX-RH and IN-LH toolholders. ATS-I shims for IN-RH and EX-LH toolholders.*

*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.*




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




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

AMERICAN BUTTRESS SAGENGEWINDE (DIN 513)

Standart altlığın negatif bir altlıkla değiştirlmesi, kenar sürtmesini engeleyecektir.

*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*







www.akko.com.tr

| AKKO | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| A | AKT | - | K | - | R | - | 2525 | | | |
| 1 | 2 | | 3 | | 4 | | 5 | | | |
| 100 | - | 150 | - | 4 | - | T22 | | | | |
| 6 | | | | 7 | | 8 | | | | |

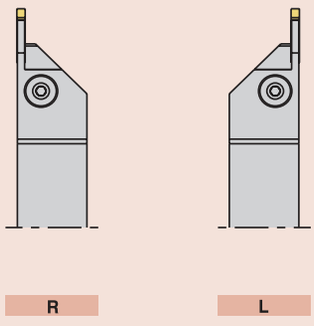
## 2 Kesici Stili / *Cutter Style* / *Cutter-Stil*

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*

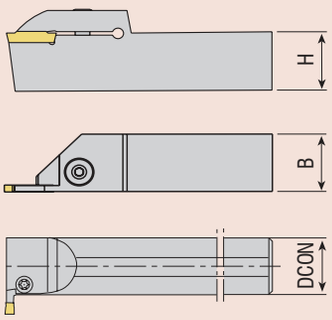
## 3 Uç Tipi / *Insert Type* / *Plattenform*

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

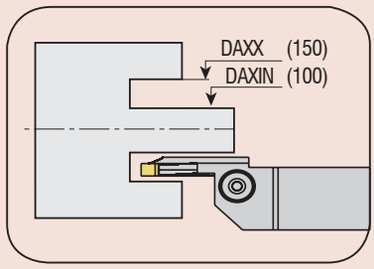
## 4 Kesme Yönü / *Cutting Direction*
*Halterausführung*




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



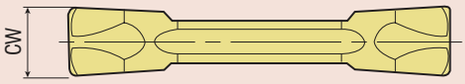

## 6 Kesme Aralığı
*Cutting Diametter*
*Durchmesser für Axialeinstechen*



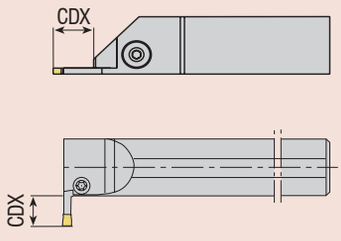

## 7 Kesme Kenar Genişliği / *Cutting Width Edge*
*Plattenbreite*

ÖR/E.G :

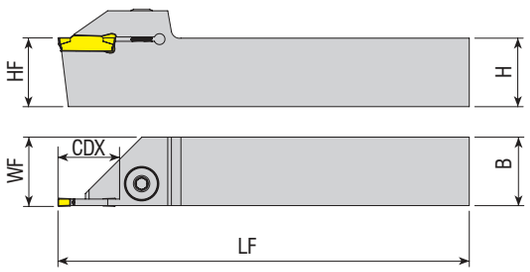
2 = 2.0 mm
3 = 3.0 mm
4 = 4.0 mm
5 = 5.0 mm
6 = 6.0 mm
8 = 8.0 mm

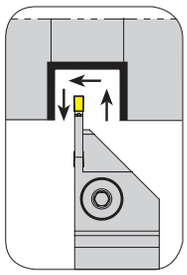



## 8 Kesme Derinliği / *Cutting Depth* / *Maximale Schnitttiefe*







| Takım 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-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-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 | | | |

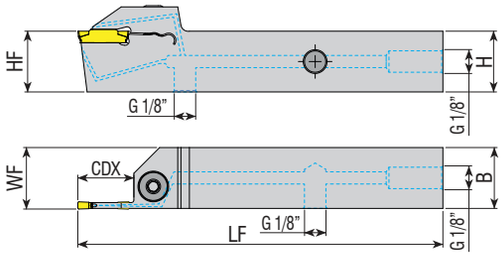
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*

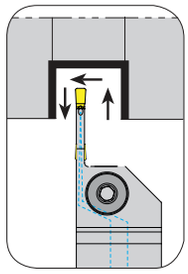
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

KRLY - JD Ucuna Uygundur. / Compatible with KRLY - JD Insert. / Kompatibel mit KRLY - JD Wendeplatten.

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



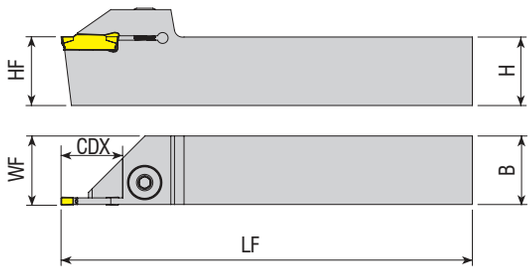


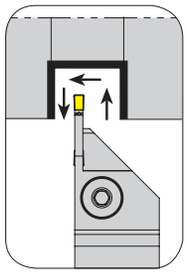



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Sıkma Vidası *Screw* *Klemmschraube* | Pul *Stamp* *Ring* | Anahtar *Allen Key* Innensechskantschlüssel |
| | R | L | HF=H | B | LF | WF | CDX |  |  |  |  |
| ADKT-K-R/L-2020-3-T20-H | ● | ● | 20 | 20 | 125 | 20.4 | 20 | MGM. - 3 | 2004-M8x1x20 | - | AAL-05-4 |
| 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. - 5 | | | |

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





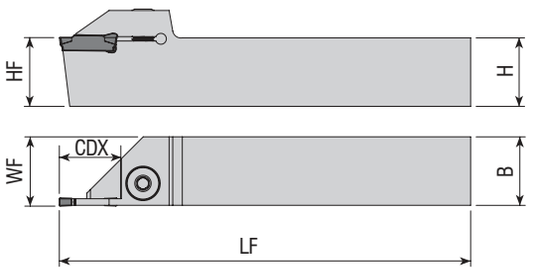



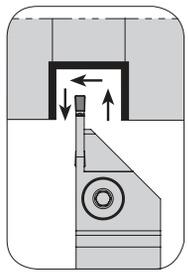
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 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 | | | |

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-2020-3-T20-H



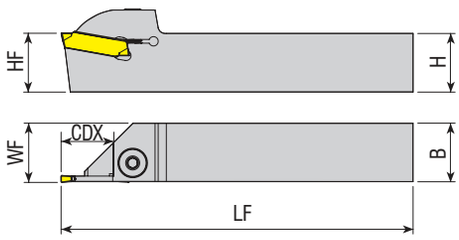


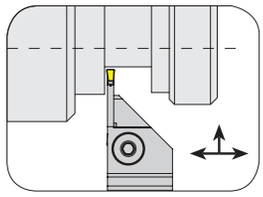



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* R | Stok *Stock* *Lager* L | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H | B | LF | WF | CDX | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Pul *Stamp* *Ring* | Anahtar *Allen Key* Innensechskantschlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 |
| new 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-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-R25 | ● | ○ | 25 | 25 | 150 | 25.4 | 25 | GCM N40 | | | |

SMTM Ucuna Uygundur. / Compatible with SMTM Insert. / Kompatibel mit SMTM





| 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 | 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 | | | |

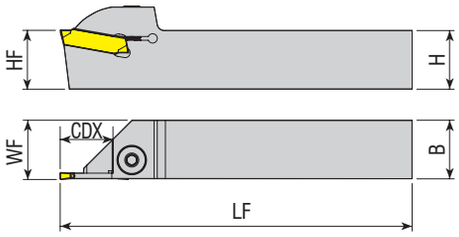
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*

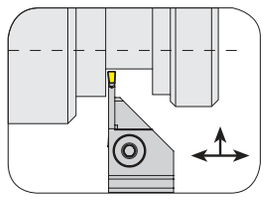
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

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

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ADKT-SGC-R-1212-2-R15



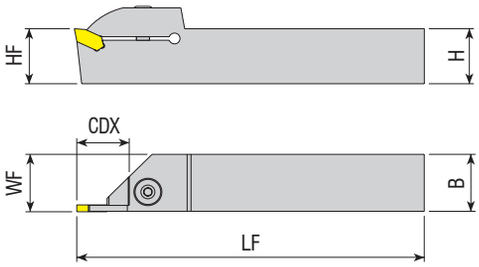


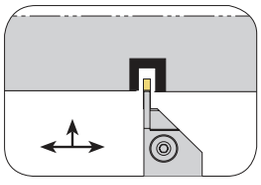



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Pul *Stamp* *Ring* | Anahtar *Allen 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 |

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





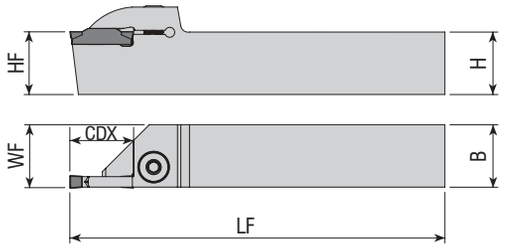



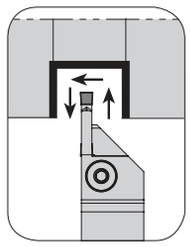
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Pul *Stamp* *Ring* | Anahtar *Allen 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** | | | |
| **ADKT-ZCC1-R/L-2525-4-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*
ZCC Ucuna Uygundur. / Compatible with ZCC Insert. / Kompatibel mit ZCC Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ADKT-HK-R-1616-2-T15





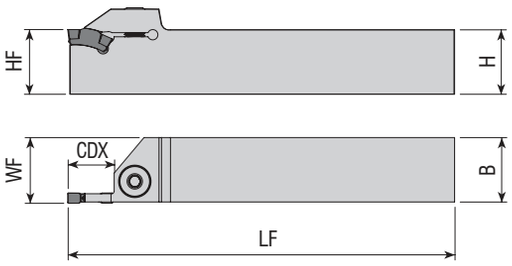



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 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

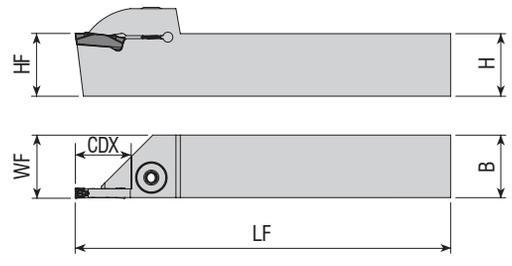


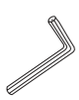



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Sıkma Vidası *Screw* *Klemmschraube* | Pul *Stamp* *Ring* | Anahtar *Allen Key* Innensechskantschlüssel |
| | R | L | HF=H | B | LF | WF | CDX |  |  |  |  |
| **ADKT-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 | | 2004-M8x1x20 | - | AAL-05-4 |
| **ADKT-ITG-R/L-2020-4-T9** | ● | ● | 20 | 20 | 125 | 20.4 | 9 | | | | |
| **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** | | | |

ISCR Ucuna Uygundur. / Compatible with ISCR Insert. / Kompatibel mit ISCR.



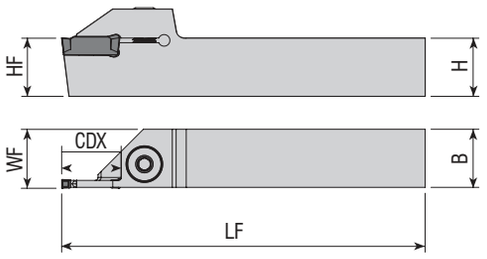


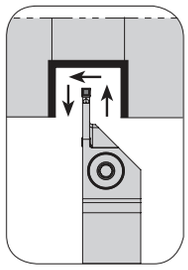

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 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** | | | |

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-ITG-R-2020-3-T8





| Takım 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 | 125 | 16.3 | 15 | DGN - 2 | AKV-02-M6x22 | ABPL-01 | AAL-03-3 |
| ADKT-I-R/L-1616-2-T15 | ● | ● | 16 | 16 | 100 | 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 | | | | |
| 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 | | - | |
| 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 | 2004-M8x1x20 | | |
| ADKT-IGI-R/L-2525-5-T25 | ● | ● | 25 | 25 | 150 | 25.5 | 25 | GIM / GIP - 5 | | | |
| new ADKT-IGI-R/L-2525-8-T25 | ● | ○ | 25 | 25 | 150 | 25.8 | 25 | GIM / GIP - 8 | 2505-M6x20 | | AAL-07-5 |
| ADKT-IGI-R/L-2525-8-T30 | ● | ○ | 25 | 25 | 150 | 25.8 | 30 | | 2004-M8x1x20 | | AAL-03-3 |
| ADKT-IGTN-R/L-2525-5-T25 | ● | ● | 25 | 25 | 150 | 25.6 | 25 | GTN - 5 | | | |
| new ADKT-IDC-R/L-1616-2-D35 | ○ | ● | 16 | 16 | 140 | 16.2 | 35 | DCE - 2 | 2503-M4x19 | | AAL-05-4 |
| new ADKT-IDC-R/L-2020-2-R23 | ● | ○ | 20 | 20 | 125 | 20.2 | 23 | | AKV-02-M6X22 | ABPL-01 | AAL-03-3 |
| new ADKT-IDC-R/L-2525-2-R23 | ● | ○ | 25 | 25 | 150 | 25.2 | 23 | | | | |
| new 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 |

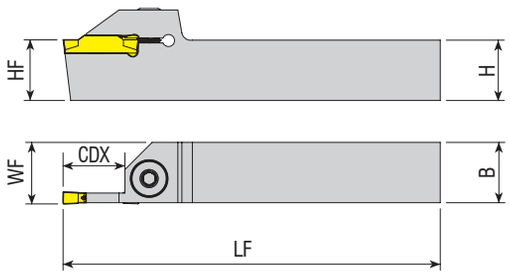
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*

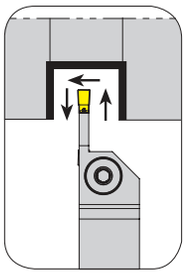
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

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





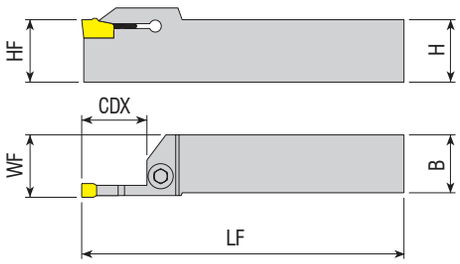



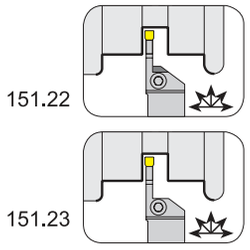
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 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** | AKV-02-M6x22 | ABPL-01 | AAL-03-3 |
| ADKT-123-R/L-1616-1.5-R15 | ● | ● | 16 | 16 | 125 | 16.2 | 15 | | | | |
| new ADKT-123-R/L-2012-1.5-R15 | ○ | ● | 20 | 12 | 125 | 12.5 | 15 | | | | |
| ADKT-123-R/L-1616-2-T15 | ● | ○ | 16 | 16 | 125 | 16.2 | 15 | **123 - 2** | | | |
| 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-1616-3-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





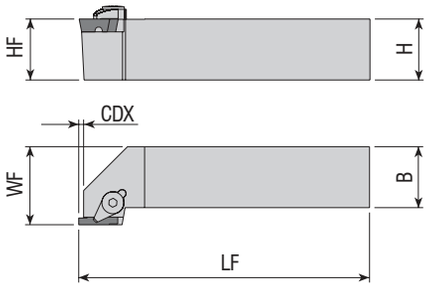



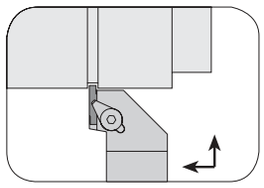

| Takım Kodu *Ordering Code* Bestell-Bezeichnung | Stok *Stock* Lager | | Takım Ölçüleri (mm) *Dimension (mm)* Abmessung (mm) | | | | | Kesici Uç *Insert* Wendeschneidplatte | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* Klemmschraube | Pul *Stamp* *Ring* | Anahtar *Allen Key* Innensechskantschlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | HF=H | B | LF | WF | CDX |  |  |  |  |
| ADKT-151.22-R/L-1616-2-T15 | ● | ● | 16 | 16 | 125 | 16.3 | 15 | **151.2 - 2** | AKV-02-M6x22 | ABPL-01 | AAL-03-3 |
| ADKT-151.22-R/L-2020-2-T15 | ● | ● | 20 | 20 | 125 | 20.3 | 15 | | | | |
| 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 | **151.2 - 3** | 2004-M8x1x20 | - | AAL-05-4 |
| ADKT-151.22-R/L-2020-3-T20 | ● | ● | 20 | 20 | 125 | 20.4 | 20 | | | | |
| 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 | **151.2 - 4** | | | |
| ADKT-151.22-R/L-2020-4-T20 | ● | ● | 20 | 20 | 125 | 20.4 | 20 | | | | |
| 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 | **151.2 - 2** | AKV-02-M6x22 | ABPL-01 | AAL-03-3 |
| ADKT-151.23-R/L-2020-2-T15 | ● | ● | 20 | 20 | 125 | 20.3 | 15 | | | | |
| 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 | **151.2 - 2.5** | 2004-M8x1x20 | - | AAL-05-4 |
| ADKT-151.23-R/L-2020-2.5-T15 | ● | ● | 20 | 20 | 125 | 20.3 | 15 | | | | |
| 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 | **151.2 - 3** | | | |
| 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 | | | | |
| 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 | **151.2 - 4** | | | |
| ADKT-151.23-R/L-2020-4-T20 | ● | ● | 20 | 20 | 125 | 20.4 | 20 | | | | |
| 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



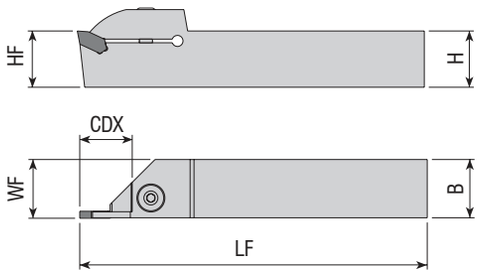


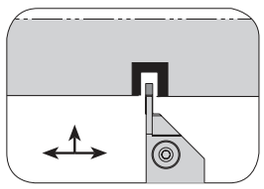



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* R | L | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H | B | LF | WF | CDX | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Baskı Parçası *Wedge Clamp* *Spannspratze* | Sıkma Vidası *Screw* *Klemmschraube* | Pul *Stamp* *Ring* | Anahtar *Allen Key* Innensechskantschlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 | | | | | |

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





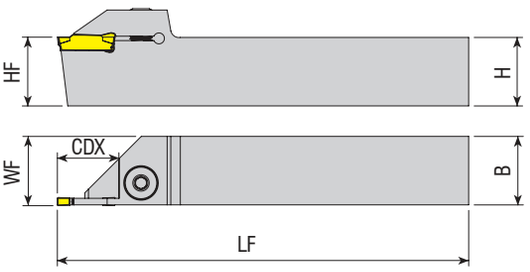



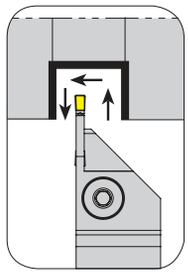
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* R | L | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H | B | LF | WF | CDX | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Pul *Stamp* *Ring* | Anahtar *Allen Key* Innensechskantschlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ADKT-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*
ARN Ucuna Uygundur. / Compatible with ARN Insert. / Kompatibel mit ARN Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ADKT-154.91-R-2020-3-T4



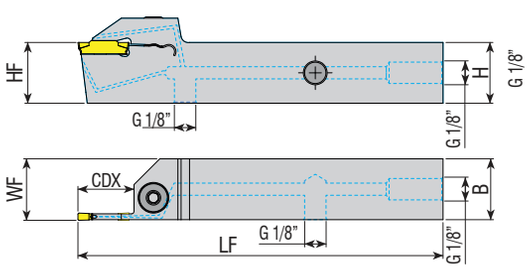


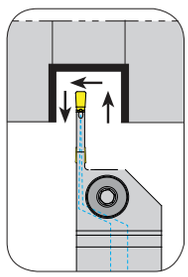



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* R | Stok *Stock* *Lager* L | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H | B | LF | WF | CDX | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Pul *Stamp* *Ring* | Anahtar *Allen Key* Innensechskantschlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | |  |  |  | |
| 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 | | | |

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





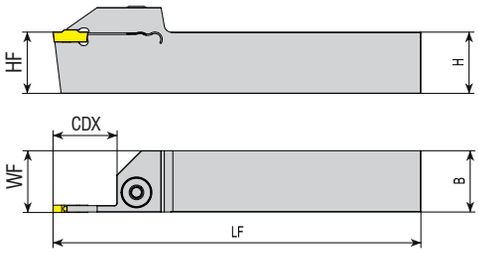



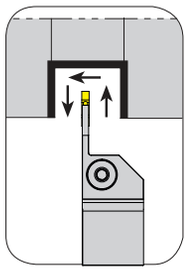
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* R | Stok *Stock* *Lager* L | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H | B | LF | WF | CDX | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Pul *Stamp* *Ring* | Anahtar *Allen Key* Innensechskantschlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | |  |  |  | |
| 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



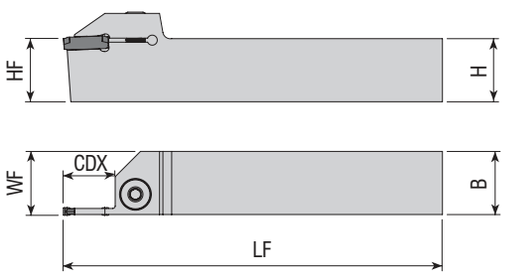


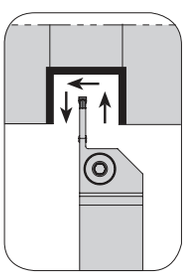



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 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 | | | | | |

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





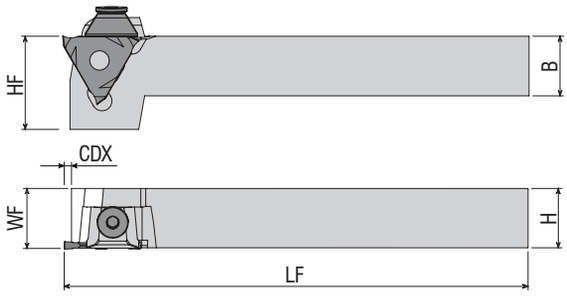



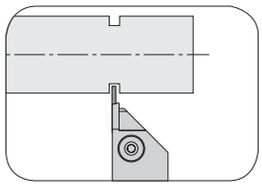
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Sıkma Vidası *Screw* *Klemmschraube* | Pul *Stamp* *Ring* | Anahtar *Allen Key* *Innensechskantschlüssel* |
| | R | L | HF=H | B | LF | WF | CDX |  |  |  |  |
| ADKT-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-RD-R-1616-2-T17





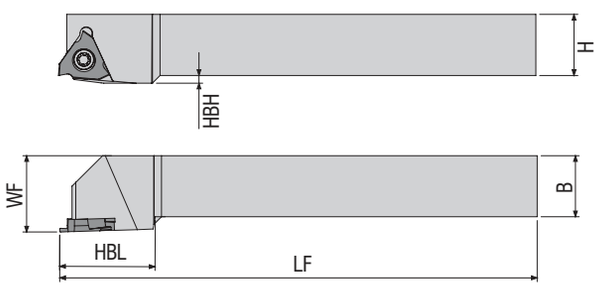



| Takım Kodu *Ordering Code* Bestell-Bezeichnung | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Sıkma Vidası *Screw* *Klemmschraube* | Baskı Pabucu *Wedge Clamp* *Spannpratze* | Segman *Ring* *Feder* | Anahtar *Allen Key* Innensechskantschlüssel |
| | R | L | HF=H | B | LF | WF | CDX |  |  |  |  |  |
| ADKT-H22-R/L-1616-(0.5-2)-T4 | ● | ● | 16 | 16 | 125 | 16.35 | 4 | **S312 - (0.5-2)** | 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 | | | | | |
| new ADKT-H22-R/L-2020-(0.5-2)-T6x20 | ● | ○ | 20 | 20 | 125 | 20.2 | 20 | | | | | |
| ADKT-H22-R/L-2525-(0.5-2)-T4 | ● | ● | 25 | 25 | 150 | 25.35 | 4 | | | | | |
| new ADKT-H22-R/L-2525-(0.5-2)-T6x20 | ● | ○ | 25 | 25 | 150 | 20.2 | 2 | | | | | |

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



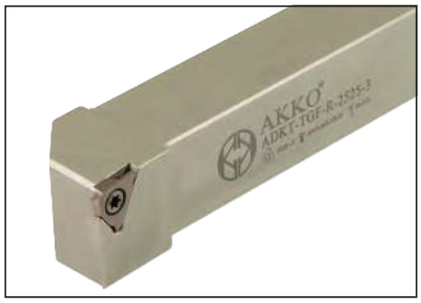


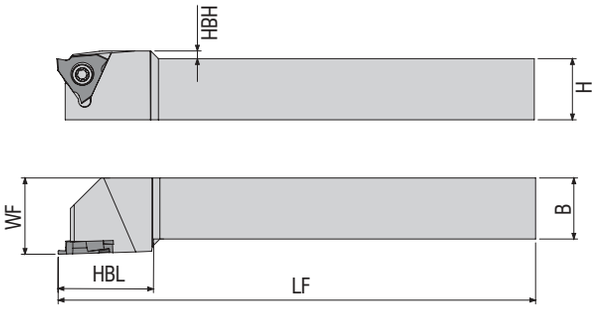



| Takım Kodu *Ordering Code* Bestell-Bezeichnung | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Sıkma Vidası *Screw* *Klemmschraube* | 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 | | | | |

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 ADKT-H22-R-1616-(0.5-2)-T4

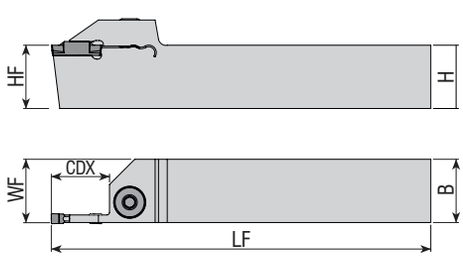


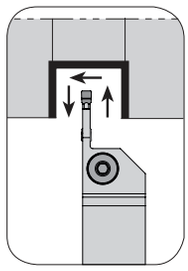



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* R | L | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H | B | LF | WF | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Pul *Stamp* *Ring* | Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | |  |  |  |  |
| ADKT-TGF-R/L-1616-3 | ● | ○ | 16 | 16 | 125 | 20 | QC16L150 | 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 | | | | |

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





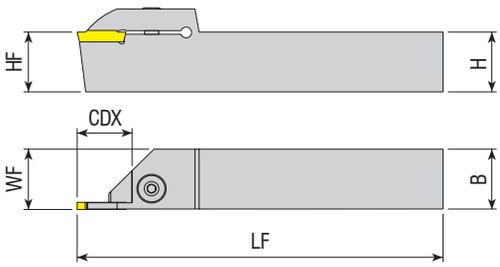



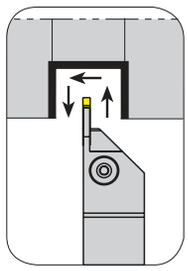
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* R | L | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H | B | LF | WF | CDX | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Pul *Stamp* *Ring* | Anahtar *Allen Key* Innensechskantschlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | |  |  |  |  |
| ADKT-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-R8 | ● | ○ | 20 | 20 | 125 | 20.2 | 8 | | | | |
| new 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-R12 | ● | ○ | 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 | | | | |

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-TGF-R-1616-3



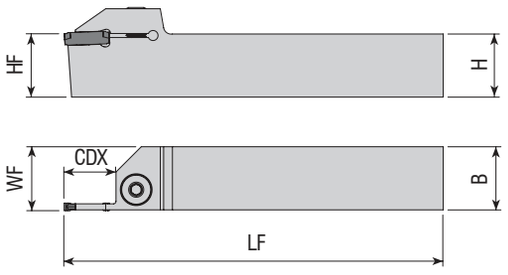


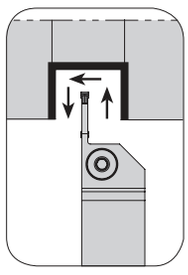



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Sıkma Vidası *Screw* *Klemmschraube* | Pul *Stamp* *Ring* | Anahtar *Allen Key* Innensechskantschlüssel |
| | R | L | HF=H | B | LF | WF | CDX |  |  |  |  |
| 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** | | | |
| 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 | | | | |

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





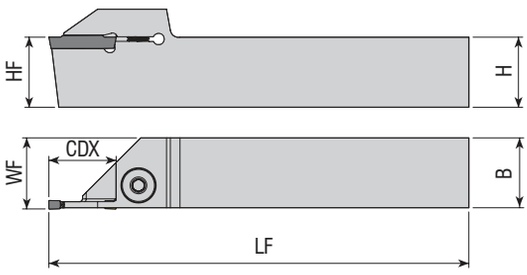



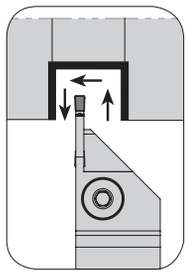
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Sıkma Vidası *Screw* *Klemmschraube* | Pul *Stamp* *Ring* | Anahtar *Allen Key* Innensechskantschlüssel |
| | R | L | HF=H | B | LF | WF | CDX |  |  |  |  |
| ADKT-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** | | | |

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-WGX16-R-2020-2-R16



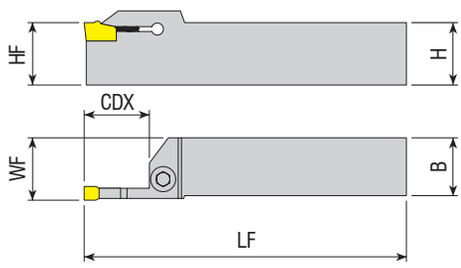


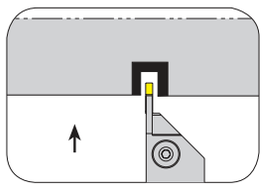



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Pul *Stamp* *Ring* | Anahtar *Allen 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.





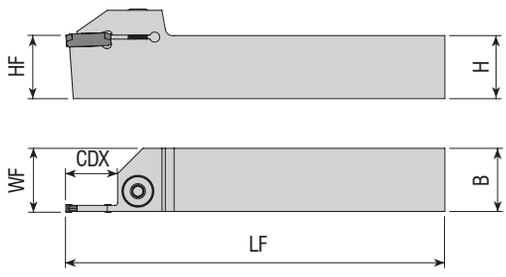



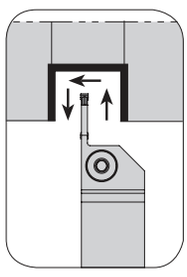
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Pul *Stamp* *Ring* | Anahtar *Allen 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 |

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







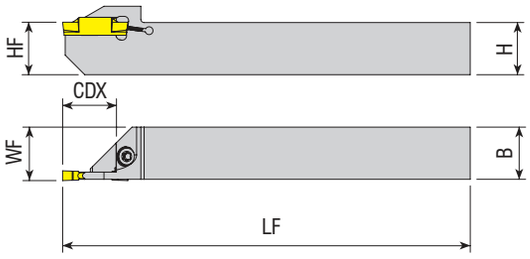



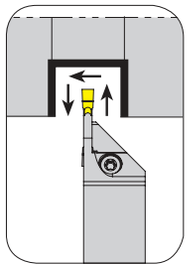
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Pul *Stamp* *Ring* | Anahtar *Allen Key* Innensechskantschlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | HF=H | B | LF | WF | CDX |  |  |  |  |
| **ADKT-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-2525-3-R20** | ● | ○ | 25 | 25 | 150 | 25.3 | 20 | **GY2M-0300** | 2004-M8x1x20 | | |
| **ADKT-GY2-R/L-2525-4-T25** | ● | ○ | 25 | 25 | 150 | 25.4 | 25 | **GY2M-0400** | 2004-M8x1x20 | - | AAL-05-4 |
| **ADKT-GY2-R/L-2525-5-T25** | ● | ○ | 25 | 25 | 150 | 25.5 | 25 | **GY2M-0500** | 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*
MTSBH Ucuna Uygundur. / Compatible with MTSBH Insert. / Kompatibel mit MTSBH Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ADKT-CD-R-2020-3-R20



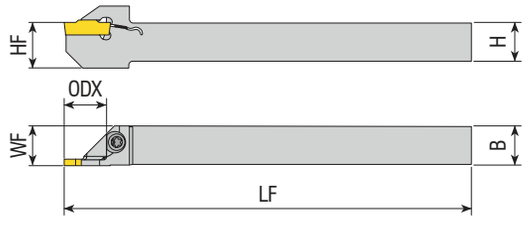



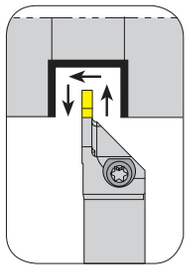



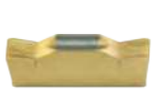
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Sıkma Vidası *Screw* *Klemmschraube* | Pul *Stamp* *Ring* | Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel* |
| | R | L | HF=H | B | LF | WF | CDX |  |  |  |  |
| new 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 | | | | |

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



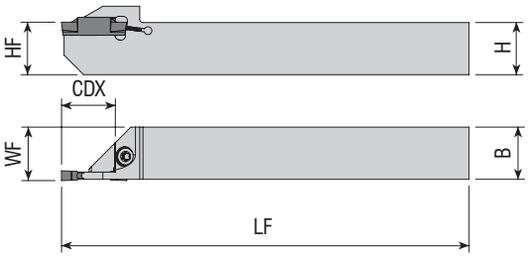



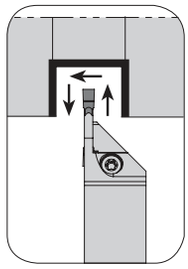
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 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** | | | |

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-1010-2-R10-K-S



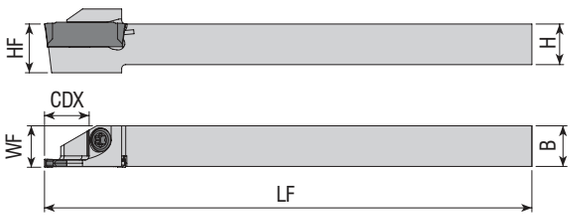



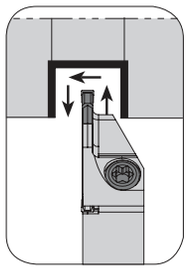



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Pul *Stamp* *Ring* | Tork Anahtar *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** | | | |

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



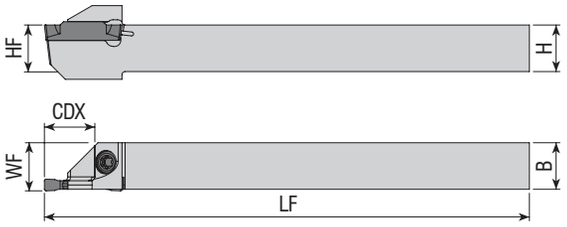



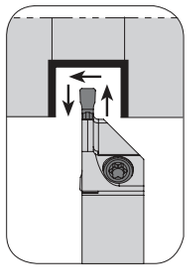
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Pul *Stamp* *Ring* | Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | HF=H | B | LF | WF | CDX |  |  |  |  |
| ADKT-I-R/L-0808-2-R10-S | ● | ● | 08 | 08 | 100 | 8.2 | 10 | | | | |
| ADKT-I-R/L-1010-2-R10-K-S | ● | ● | 10 | 10 | 125 | 10.2 | 10 | **DGN - 2** | 4015-M4x11 | - | 80-T15 |
| ADKT-I-R/L-1212-2-R12-K-S | ● | ● | 12 | 12 | 125 | 12.2 | 12 | | | | |
| new 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** | | | |

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-ZCC2-R-1010-2-T12-K-S



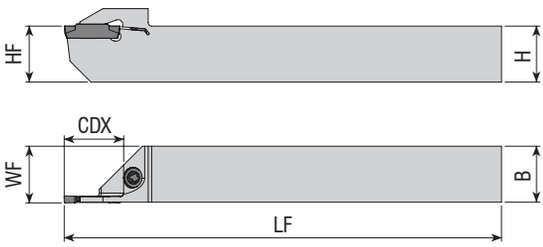



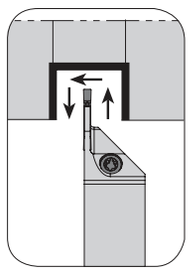



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Pul *Stamp* *Ring* | Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | HF=H | B | LF | WF | CDX | | | | |
| ADKT-KG-R/L-1212-2-R12-K-S | ● | ● | 12 | 12 | 125 | 12.2 | 12 | KG. - 2 | 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 | | | | |

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



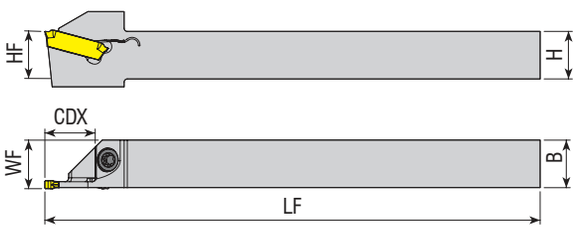



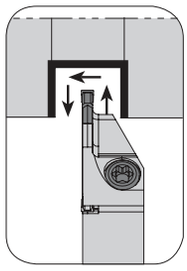
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Pul *Stamp* *Ring* | Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | HF=H | B | LF | WF | CDX | | | | |
| 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-KG-R-1212-2-R12-K-S



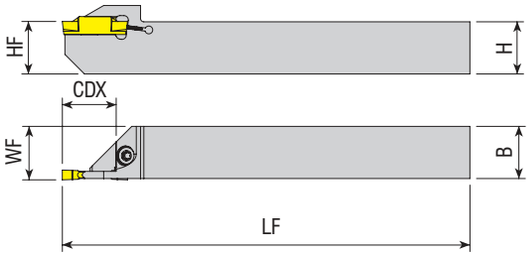


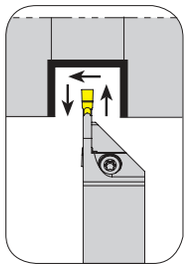



| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* | | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* | | | | | Kesici Uç / *Insert* / *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 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** | | | |

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



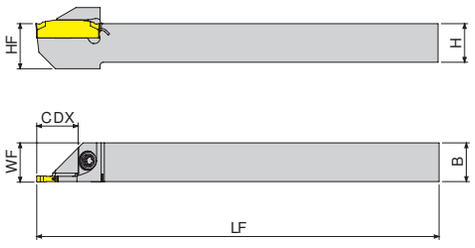


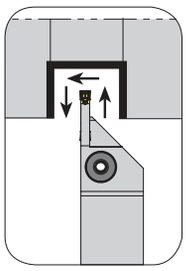



| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* | | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* | | | | | Kesici Uç / *Insert* / *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Sıkma Vidası / *Screw* / *Klemmschraube* | Pul / *Stamp* / *Ring* | Tork Anahtar / *Torx Key* / *Torx Innensechskantschlüssel* |
| | R | L | HF=H | B | LF | WF | CDX |  |  |  |  |
| **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** | | | |

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





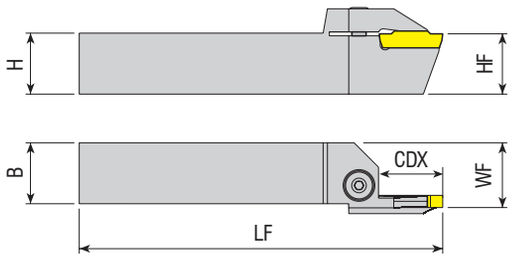



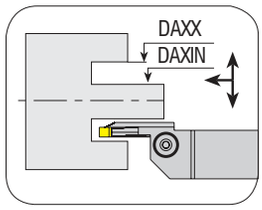
| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* | | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* | | | | | Kesici Uç / *Insert* / *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Sıkma Vidası / *Screw* / *Klemmschraube* | Pul / *Stamp* / *Ring* | 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** | | | |

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-WGX16-R-1212-2-R12-K-S





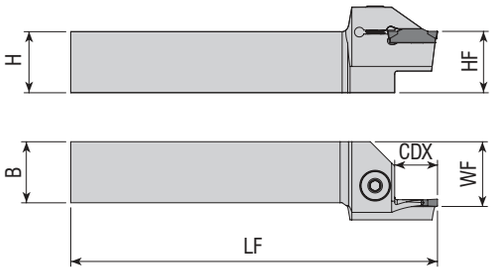



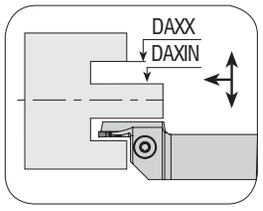

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Pul *Stamp* *Ring* | Tork 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 | | | | |
| 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 | **MGM. - 3** | | | |
| 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-2525-50-85-4-T22 | ● | ● | 25 | 25 | 150 | 26.5 | 22 | 50 | 85 | | | | |
| 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 | **MGM. - 4** | 2004-M8x1x20 | - | AAL-05-4 |
| 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 | | | | |
| AAKT-K-R/L-2525-100-150-5-T25 | ● | ● | 25 | 25 | 150 | 26.5 | 25 | 100 | 150 | | | | |
| AAKT-K-R/L-2525-80-180-5-T32 | ● | ● | 25 | 25 | 150 | 26.5 | 32 | 80 | 180 | **MGM. - 5** | | | |
| 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 | | | | |
| new 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 | | | | |
| 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 | **MGM. - 6** | | | |
| 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 | | | | |
| new AAKT-K-R/L-2525-180-360-6-T40 | ● | ○ | 25 | 25 | 150 | 26.5 | 40 | 180 | 360 | | | | |
| 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*
KRLY Ucuna Uygundur. / Compatible with KRLY Insert. / Kompatibel mit KRLY Wendeplatten.

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



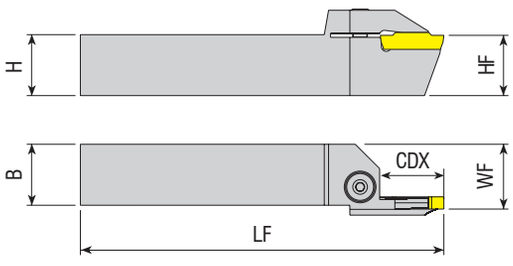


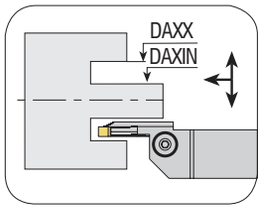



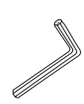

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | 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 | 2004-M8x1x20 | - | AAL-05-4 |
| AAKT-ZCC2-R/L-2525-35-45-3-T17 | ● | ● | 25 | 25 | 150 | 26.5 | 17 | 35 | 45 | Z.FD - 3 | | | |
| 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 | | | | |
| new AAKT-ZCC2-R/L-2525-70-110-3-T15 | ● | ○ | 25 | 25 | 150 | 26.5 | 15 | 70 | 110 | | | | |
| 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 | | | | |
| new AAKT-ZCC2-R/L-2525-100-150-3-T22 | ● | ● | 25 | 25 | 150 | 26.5 | 22 | 100 | 150 | | | | |
| AAKT-ZCC2-R/L-2525-40-60-4-T22 | ● | ○ | 25 | 25 | 150 | 26.5 | 22 | 40 | 60 | Z.GD - 4 | | | |
| AAKT-ZCC2-R/L-2525-52-80-4-T22 | ● | ● | 25 | 25 | 150 | 26.5 | 22 | 52 | 80 | | | | |
| AAKT-ZCC2-R/L-2525-72-110-4-T22 | ● | ● | 25 | 25 | 150 | 26.5 | 22 | 72 | 110 | | | | |
| 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-2525-55-95-5-T25 | ● | ○ | 25 | 25 | 150 | 26.5 | 25 | 55 | 95 | Z.HD - 5 | | | |
| AAKT-ZCC2-R/L-2525-85-140-5-T25 | ● | ● | 25 | 25 | 150 | 26.5 | 25 | 85 | 140 | | | | |
| AAKT-ZCC2-R/L-2525-130-200-5-T25 | ● | ○ | 25 | 25 | 150 | 26.5 | 25 | 130 | 200 | | | | |
| 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-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 | | | |
| new AAKT-ZCC2-R/L-3232-160-400-6-T25 | ○ | ● | 32 | 32 | 170 | 33.5 | 25 | 160 | 400 | | | | |

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





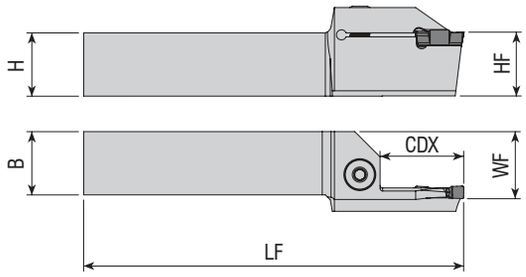



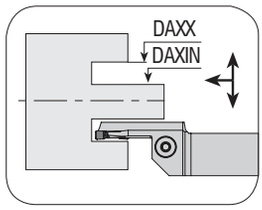

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | Sıkma Vidası *Screw* *Klemmschraube* | Pul *Stamp* *Ring* | Anahtar *Allen Key* Innensechskantschlüssel |
| | R | L | HF=H | B | LF | WF | CDX | 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 AAKT-ZCC2-R-2525-140-180-2-T4



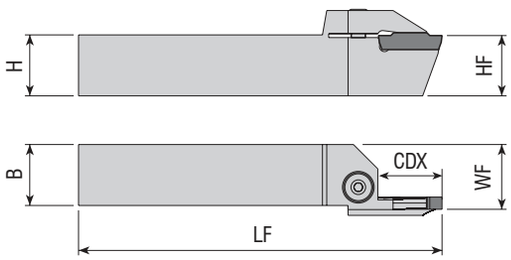


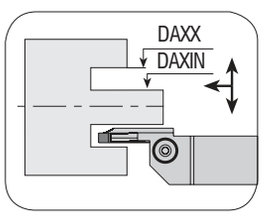




| Takım Kodu *Ordering Code* Bestell-Bezeichnung | Stok *Stock* Lager | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Pul *Stamp* *Ring* | Anahtar *Allen 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 | | | | |

ISCR Ucuna Uygundur. / Compatibel with ISCR Insert. / Kompatibel mit ISCR Wendeplatten.





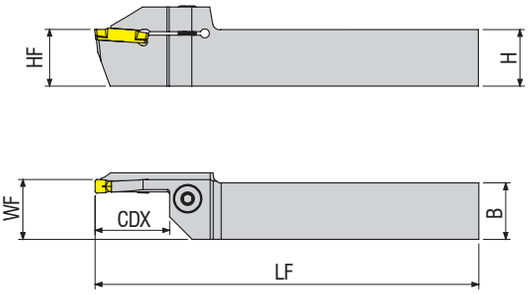



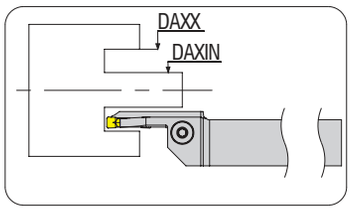

| Takım Kodu *Ordering Code* Bestell-Bezeichnung | Stok *Stock* Lager | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Pul *Stamp* *Ring* | Anahtar *Allen Key* Innensechskantschlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | HF=H | B | LF | WF | CDX | 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 AAKT-IG-R-2525-40-60-4-T25





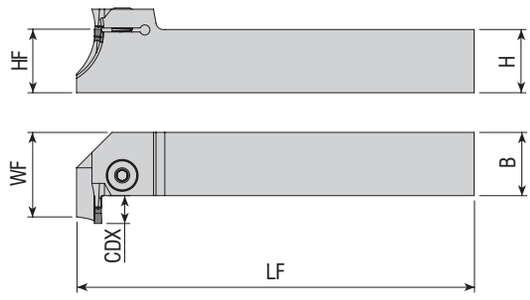



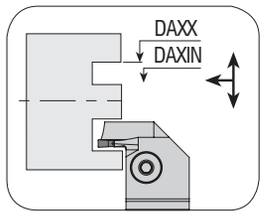

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Pul *Stamp* *Ring* | Anahtar *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 | | | | |

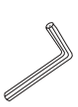
WLTR Ucuna Uygundur. / Compatible with WLTR Insert. / Kompatibel mit WLTR Wendeplatten.





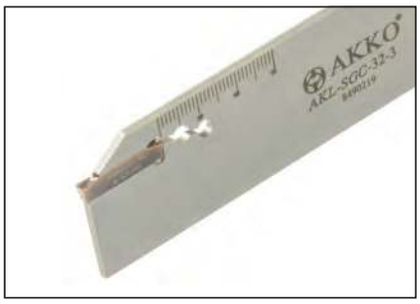


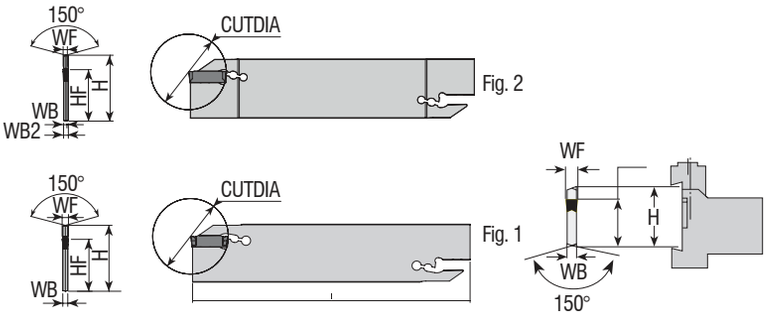




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Pul *Stamp* *Ring* | Anahtar *Allen Key* Innensechskantschlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | HF=H | B | LF | WF | CDX | DAXIN | DAXX |  |  |  |  |
| **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 AAKT-WGX24-R-2525-58-100-6-T32

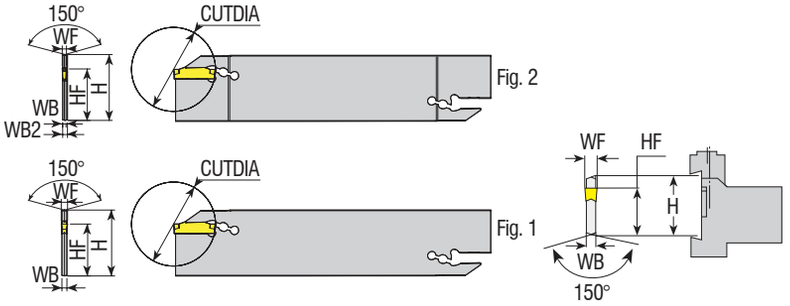



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* H | WF | WB2 | WB | I | HF | CUTDIA | Fig. | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* *Ersatzteile* Anahtar *Allen Key* Innensechskantschlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **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 | | |

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



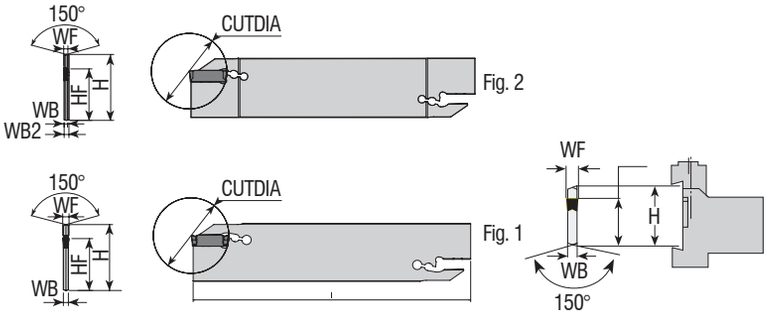




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* H | WF | WB2 | WB | I | HF | CUTDIA | Fig. | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* *Ersatzteile* Anahtar *Allen Key* Innensechskantschlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **AKL-TD-32-2** | ● | 32 | 2 | 2.4 | 1.6 | 150 | 25 | 39 | 2 | **TD. - 2** | ALA-02 |
| new **AKL-TD-26-3** | ● | 26 | 3 | - | 2.40 | 150 | 26 | 40 | 1 | **TD. - 3** | |
| **AKL-TD-32-3** | ● | 32 | 3 | 2.4 | - | 150 | 25 | 39 | 1 | | |
| new **AKL-TD-26-4** | ● | 26 | 4 | - | 3.20 | 150 | 26 | 40 | 1 | **TD. -4** | |
| new **AKL-TD-32-5** | ● | 32 | 5 | - | 4 | 150 | 25 | 40 | 1 | **TD. -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 AKL-SGC-26-3

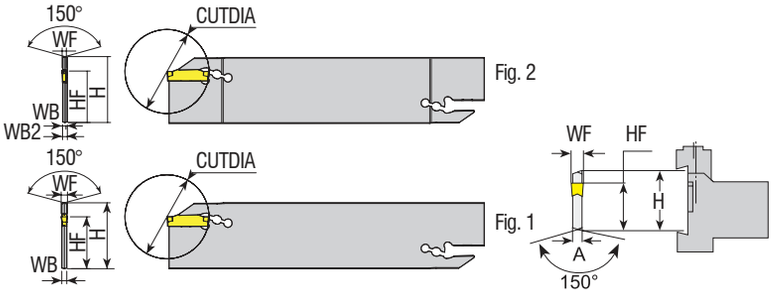


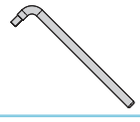



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* *Ersatzteile* Anahtar *Allen Key* Innensechskantschlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | H | WF | WB2 | WB | l | 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 | | |

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

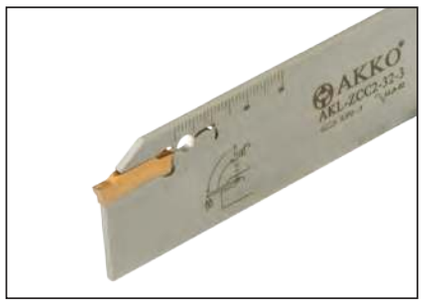


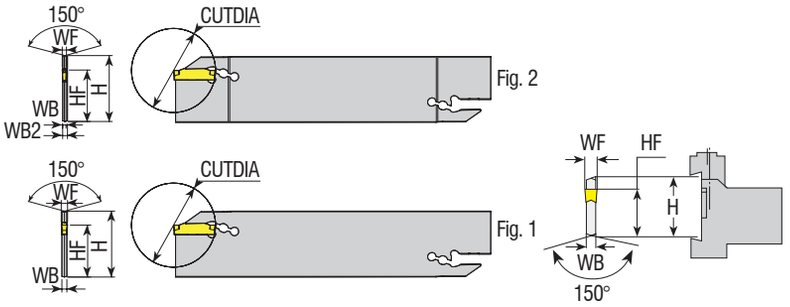



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* *Ersatzteile* Anahtar *Allen Key* Innensechskantschlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | H | WF | WB2 | WB | l | 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** | |

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 AKL-I-26-2

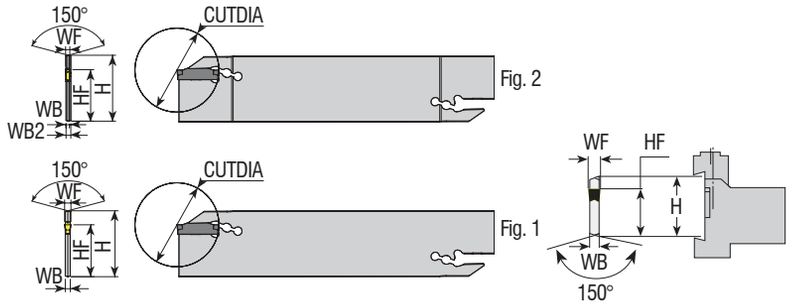





| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* H | WF | WB2 | WB | I | HF | CUTDIA | Fig. | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* *Ersatzteile* Anahtar *Allen Key* Innensechskantschlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **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** | |

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



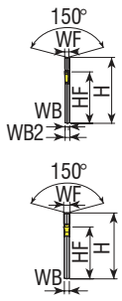


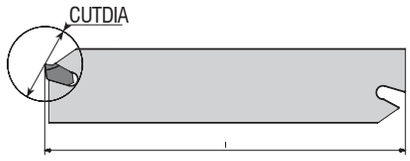

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* H | WF | WB2 | WB | I | HF | CUTDIA | Fig. | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* *Ersatzteile* Anahtar *Allen Key* Innensechskantschlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **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** | |

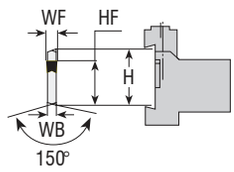
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
KRLY Ucuna Uygundur. / Compatible with KRLY Insert. / Kompatibel mit KRLY Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AKL-ZCC2-32-3





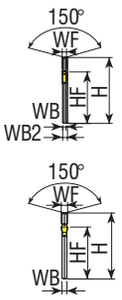



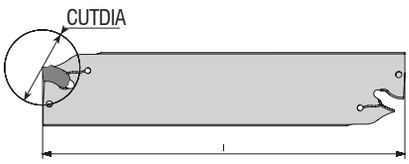



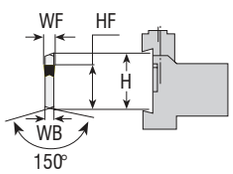

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* *Ersatzteile* Anahtar *Allen Key* Innensechskantschlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | H | WF | WB2 | WB | l | HF | CUTDIA | Fig. |  |  |
| **AKL-SP-26-2** | ● | 26 | 2 | - | 1.60 | 150 | 21 | - | 1 | **SP200N** | ALA-03 |
| **AKL-SP-26-3** | ● | 26 | 3 | - | 2.40 | 150 | 21 | - | 1 | **SP300N** | |
| **AKL-SP-32-3** | ● | 32 | 3 | - | 2.40 | 150 | 25 | - | 1 | **SP300N** | |
| **AKL-SP-32-4** | ● | 32 | 4 | - | 3.20 | 150 | 25 | - | 1 | **SP400N** | |

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





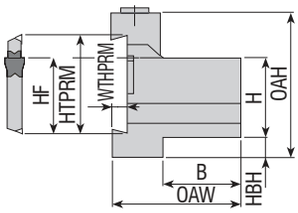



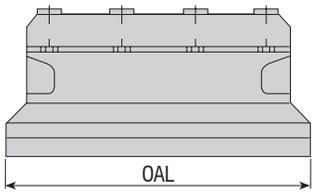

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* *Ersatzteile* Anahtar *Allen Key* Innensechskantschlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | H | WF | WB2 | WB | 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*
WLTR Ucuna Uygundur. / Compatible with WLTR Insert. / Kompatibel mit WLTR Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AKL-SP-26-2



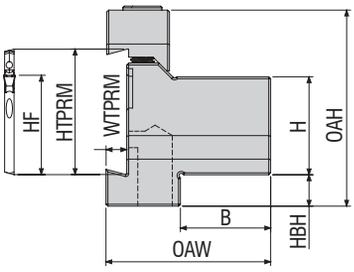


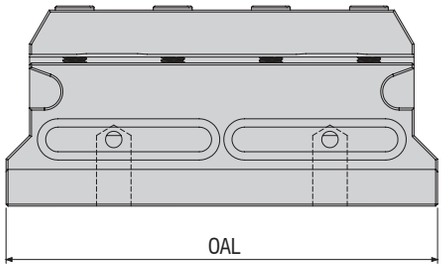




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | | | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | HTPRM | HF | H | HBH | OAH | WTHPRM | 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*



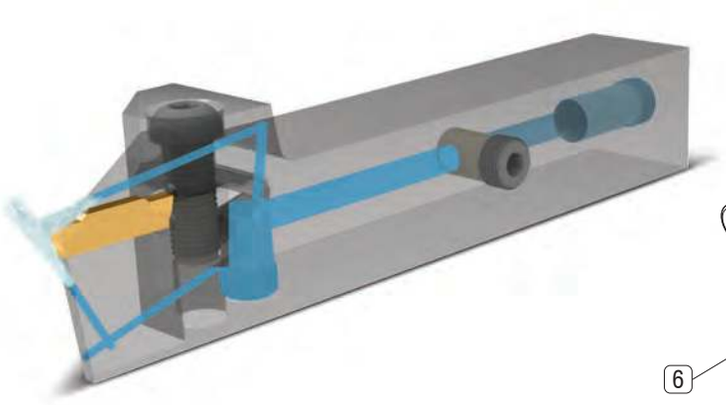


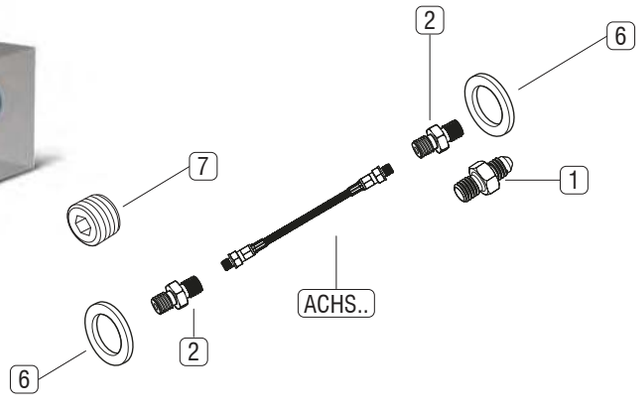




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | | | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | HTPRM | HD | H | HBH | AOH | WTHPRM | OAL | B | OAW | Pabuç *Clamp* *Spannspratze* | 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 | 2505-M6x30 | AAL-07-5 |
| **ALBU-25-32-H** | ● | 32 | 25 | 25 | 8 | 50 | 5.30 | 110 | 23 | 42 | ABK-01 | | |
| **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






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 275 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 275 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. 275 bar eingesetzt werden.*

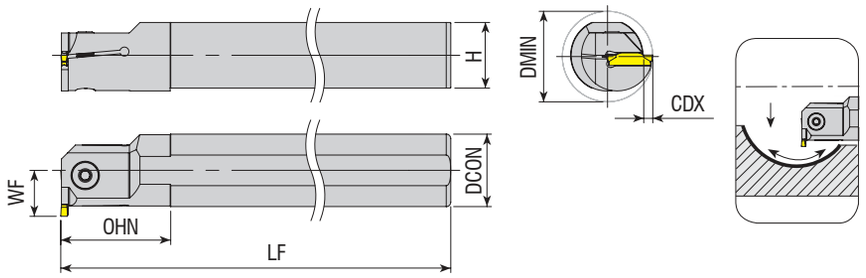
| | **Set İçindeki Parçalar** *Parts In The Set* *Teile im Set* | | | Uzunluk / *Length Code* / *Länge Einstellen: 250* | | |
|---|---|---|---|---|---|---|
| | | | | Set Kodu: *Set Code:* *Code Einstellen:* ACHS-1-250 | Set Kodu: *Set Code:* *Code Einstellen:* ACHS-2-250 | Set Kodu: *Set Code:* *Code Einstellen:* ACHS-3-250 |
| | | | |  |  |  |
| | Resim *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 |

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




AKKO®



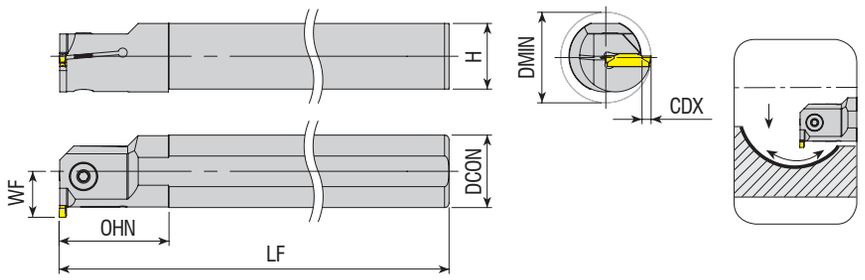



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Anahtar *Allen Key* Innensechskantschlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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-20-3-T6** | ● | ● | 20 | 27 | 170 | 30 | 6 | 18.3 | 16 | **MGM. - 3** | 2504-M5x12 | |
| **AIKT-K-R/L-20-3-T7** | ● | ● | 20 | 25 | 170 | 38 | 7 | 18.3 | 13 | | | |
| **AIKT-K-R/L-25-3-T6** | ● | ● | 25 | 32 | 200 | 40 | 6 | 23 | 18.5 | | 2504-M5x16 | |
| **AIKT-K-R/L-25-3-T10** | ● | ● | 25 | 32 | 200 | 48 | 10 | 23 | 17 | | | |
| **AIKT-K-R/L-32-3-T6** | ● | ● | 32 | 39 | 250 | 50 | 6 | 30 | 22 | | 2004-M8x1x20 | |
| **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 | | | |
| **AIKT-K-R/L-25-4-T6** | ● | ● | 25 | 32 | 200 | 40 | 6 | 23 | 18.5 | | 2504-M5x16 | |
| **AIKT-K-R/L-25-4-T10** | ● | ● | 25 | 32 | 200 | 49 | 10 | 23 | 17 | | | |
| **AIKT-K-R/L-32-4-T6** | ● | ● | 32 | 39 | 250 | 50 | 6 | 30 | 22 | | 2004-M8x1x20 | |
| **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

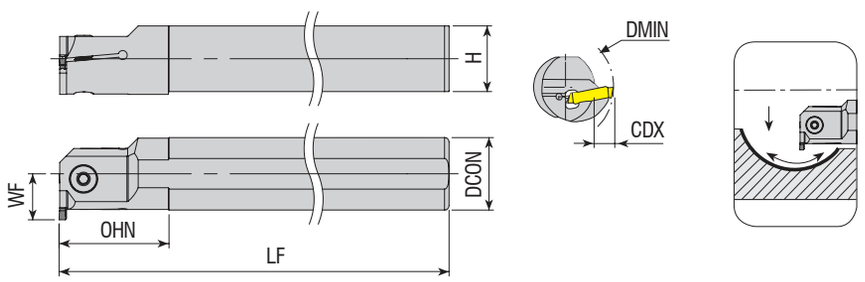



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Anahtar *Allen Key* Innensechskantschlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | |

KRLY Ucuna Uygundur. / Compatible with KRLY Insert. / *Kompatibel mit KRYL*



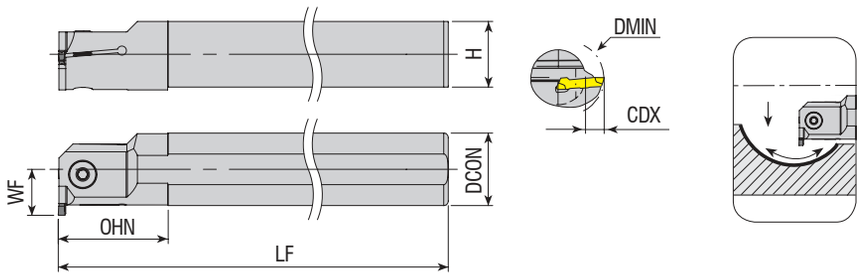




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Anahtar *Allen Key* Innensechskantschlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | | | |

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-KG-R-25-2-T7

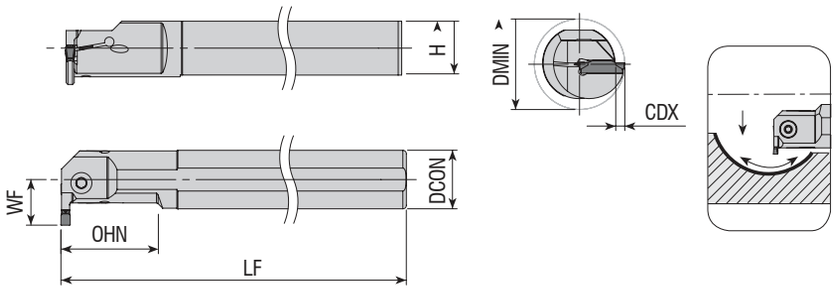


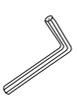



| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* | | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* | | | | | | | Kesici Uç / *Insert* / *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | 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 | | 2504-M5x12 | |
| **AIKT-HK-R/L-25-3-T6** | ● | ● | 25 | 32 | 200 | 40 | 6 | 23 | 18.5 | **S224 - 3** | 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 | | 2504-M5x12 | |
| **AIKT-HK-R/L-25-4-T6** | ● | ○ | 25 | 32 | 200 | 40 | 6 | 23 | 18.5 | **S224 - 4** | 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 | |

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



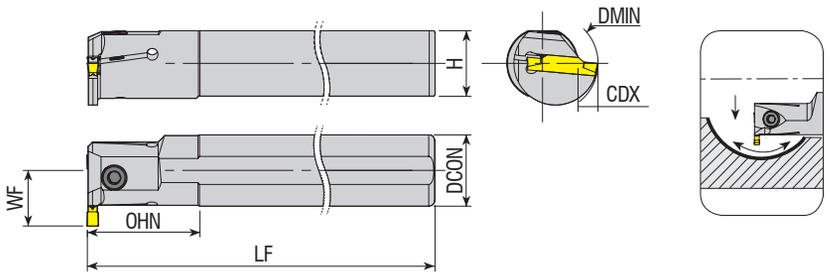



| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* | | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* | | | | | | | Kesici Uç / *Insert* / *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | Sıkma Vidası / *Screw* / *Klemmschraube* | Anahtar / *Allen Key* / Innensechskantschlüssel |
| | R | L | DCON | DMIN | LF | OHN | CDX | H | WF |  |  |  |
| **AIKT-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 | | 2504-M5x12 | AAL-05-4 |
| **AIKT-KM-R/L-25-3-T10** | ● | ● | 25 | 32 | 200 | 50 | 10 | 23 | 17 | **A4. - 3** | 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 AIKT-HK-R-20-2-T6

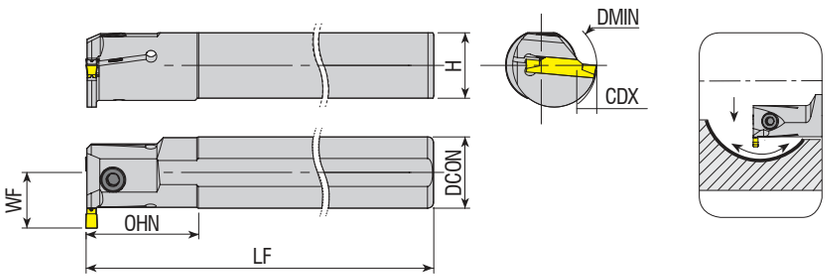





| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* R | Stok *Stock* *Lager* L | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON | DMIN | LF | OHN | CDX | H | WF | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Anahtar *Allen Key* Innensechskantschlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |  |  |  |
| AIKT-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 | |

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



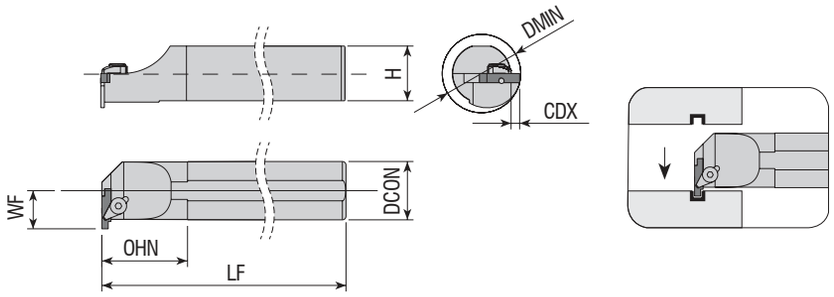



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* R | Stok *Stock* *Lager* L | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON | DMIN | LF | OHN | CDX | H | WF | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Anahtar *Allen Key* Innensechskantschlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |  |  |  |
| AIKT-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-123-R-20-2-T6

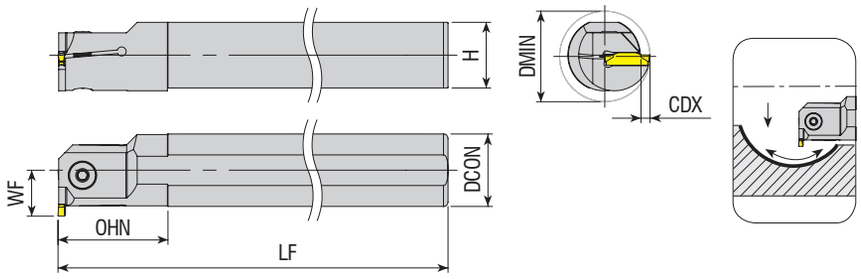





| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* R | L | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON | DMIN | LF | OHN | CDX | H | WF | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Baskı Parçası *Wedge Clamp* *Spannpratze* | Sıkma Vidası *Screw* *Klemmschraube* | Pim *Pin* *Stift* | Anahtar *Allen Key* Innensechskantschlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **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 | | ACK-03 | 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** | | | | |
| **AIKT-154.91-R/L-32-5-T5** | ● | ● | 32 | 38 | 250 | 50 | 5 | 30 | 21 | | | AKV-07-M6x22 | | |

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



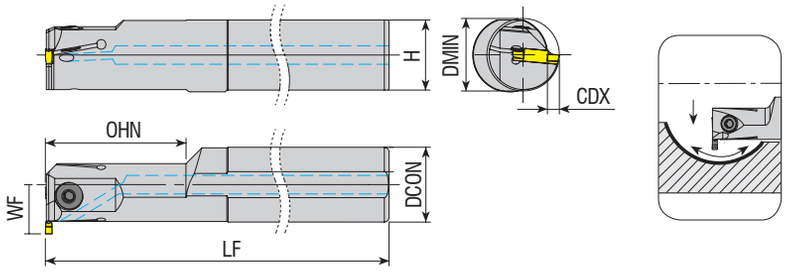



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* R | L | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON | DMIN | LF | OHN | CDX | H | WF | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Anahtar *Allen Key* Innensechskantschlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **AIKT-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 | |
| **AIKT-RD-R/L-16-3-T6** | ● | ○ | 16 | 24 | 150 | 28 | 6 | 14.8 | 14 | **RD. - 3** | 2503-M4x10 | AAL-05-4 |
| **AIKT-RD-R/L-20-3-T6** | ● | ○ | 20 | 28 | 170 | 28 | 6 | 18.3 | 16 | | 2504-M5x12 | |
| **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 AIKT-154.91-R-16-3-T3

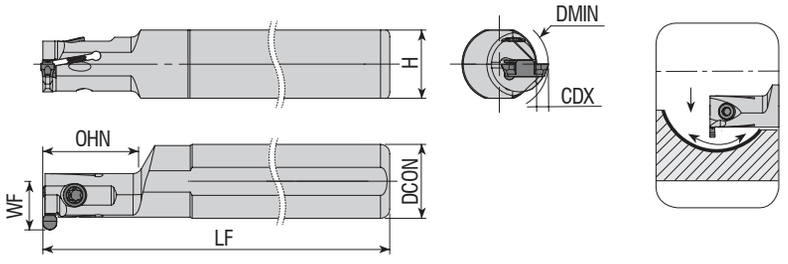





| Takım Kodu / Ordering Code / Bestell-Bezeichnung | Stok / Stock / Lager | | Takım Ölçüleri (mm) / Dimension (mm) / Abmessung (mm) | | | | | | | Kesici Uç / Insert / Wendeschneidplatte | Yedek Parçaları / Spare Parts / Ersatzteile: Sıkma Vidası / Screw / Klemmschraube | Anahtar / Allen Key / Innensechskantschlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | R | L | DCON | DMIN | LF | OHN | CDX | H | WF |  |  |  |
| AIKT-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 | |
| 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 | |
| new AIKT-TD-R/L-20-4-T10-H | ○ | ● | 20 | 27 | 170 | 40 | 10 | 18.3 | 20 | TD. - 4 | 2504-M5X12 | AAL-05-4 |
| new AIKT-TD-R/L-25-4-T10-H | ○ | ● | 25 | 31 | 200 | 40 | 10 | 23 | 22.5 | | 2504-M5X16 | |
| new 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.*



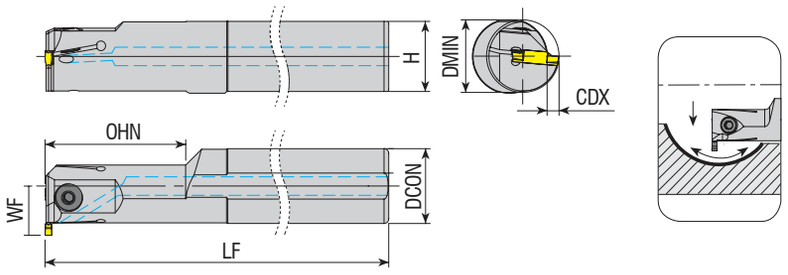


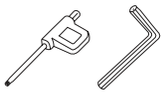

| Takım Kodu / Ordering Code / Bestell-Bezeichnung | Stok / Stock / Lager | | Takım Ölçüleri (mm) / Dimension (mm) / Abmessung (mm) | | | | | | | Kesici Uç / Insert / Wendeschneidplatte | Yedek Parçaları / Spare Parts / Ersatzteile: Sıkma Vidası / Screw / Klemmschraube | Tork Anahtar / Torx Key / Torx 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 | 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 | 80-T15 |
| new 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-16-3-T2.5-H | ● | ○ | 16 | 13 | 125 | 20 | 2.5 | 14.8 | 10.5 | GEPI - 3 | | |
| AIKT-IGE-R/L-16-3-T2.5-D20 | ● | ○ | 16 | 20 | 125 | 28 | 2.5 | 14.8 | 10.5 | | | |

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-TD-R-16-2-T8.5-H

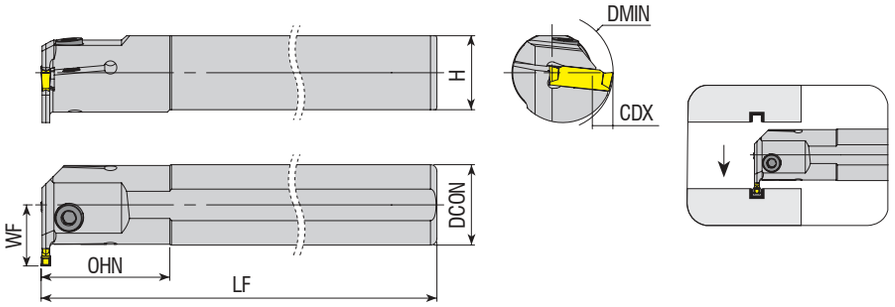





| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Anahtar *Allen Key* Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel* / 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 | | 2004-M8x1x20 | |
| **AIKT-IGI-R/L-40-3-T5** | ● | ○ | 40 | 50 | 300 | 50 | 5 | 37.5 | 25 | | | |
| **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 |
| new **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 | | | |
| new **AIKT-IGI-R/L-25-5-T15-H** | ● | ○ | 25 | 37 | 200 | 25 | 15 | 23 | 27.5 | | | |

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



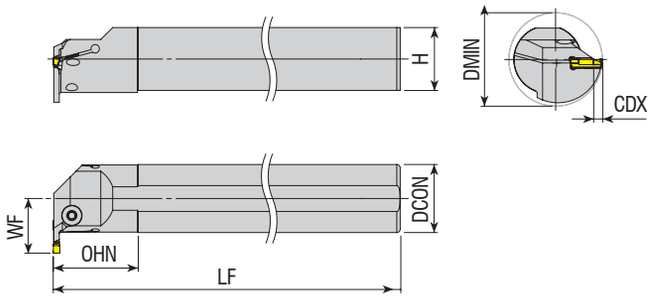



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Anahtar *Allen Key* Innensechskantschlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 AIKT-IGI-R-20-3-T4

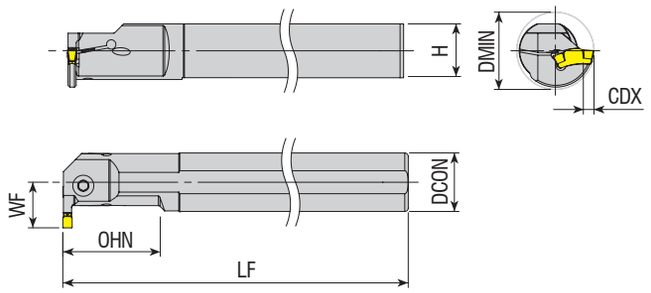


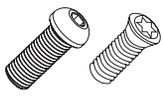
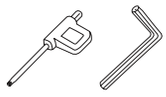



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* R | L | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON | DMIN | LF | OHN | CDX | H | WF | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | 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 | | | |

ISCR Ucuna Uygundur. / Compatit·le w th ISCR Insert. / Kompatibel mit ISCR Wendeplatten.



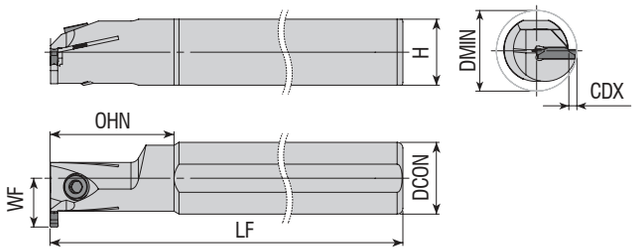



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* R | L | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON | DMIN | LF | OHN | CDX | H | WF | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |  |  |  |
| **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 AIKT-IG-R-25-4-T10-H

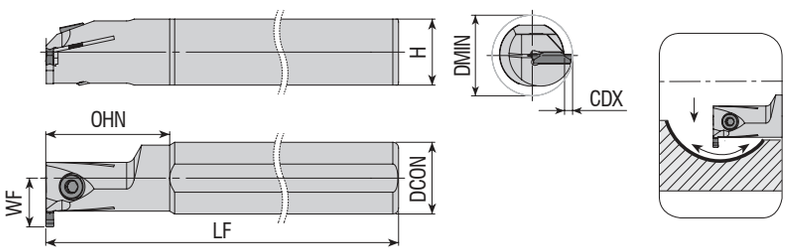





| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Anahtar *Allen Key* Innensechskantschlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | | 2004-M8x1x20 | |
| **AIKT-GP-R/L-32-4-T6** | ● | ○ | 32 | 39 | 250 | 50 | 6 | 30 | 22 | | | |

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



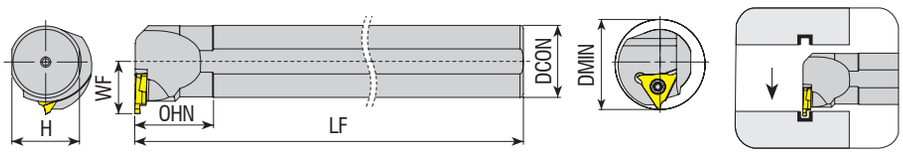



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Tork Anahtar *Torx Key* *Torx 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 AIKT-GP-R-20-2-T4

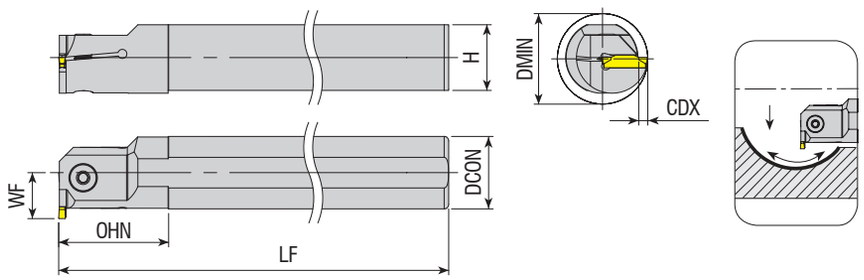





| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* R | L | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON | DMIN | LF | OHN | CDX | H | WF | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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)** | | |

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



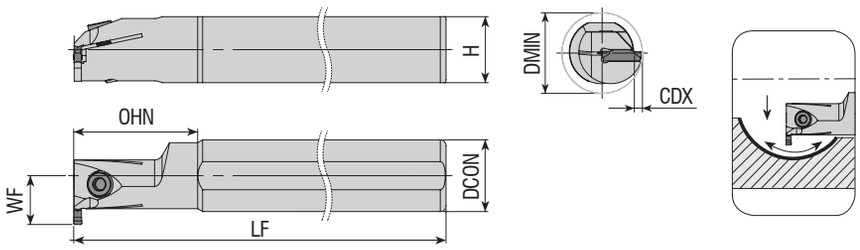



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* R | L | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON | DMIN | LF | OHN | CDX | H | WF | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Anahtar *Allen Key* Innensechskantschlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AIKT-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 | | 2004-M8x1x20 | |
| AIKT-ZCC2-R/L-32-3-T6 | ● | ○ | 32 | 39 | 250 | 50 | 6 | 30 | 22 | | | |
| 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 | | 2504-M5x12 | |
| 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 | | 2004-M8x1x20 | |
| 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 | | | |
| AIKT-ZCC2-R/L-32-5-T7 | ● | ○ | 32 | 40 | 250 | 50 | 7 | 30 | 23 | **Z.HD - 5** | | |
| 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-QC11-R-20-(0.5-1.8)



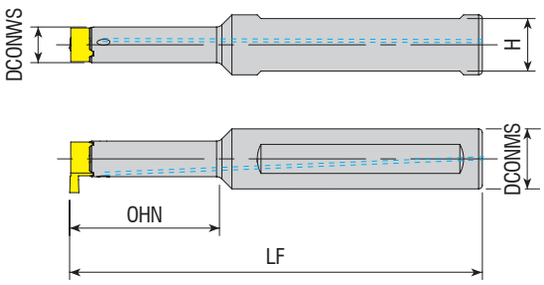



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube* | Anahtar *Allen Key* Innensechskantschlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 |
| **AIKT-SGC-R/L-32-3-T6** | ● | ○ | 32 | 39 | 250 | 50 | 6 | 30 | 22 | | 2004-M8x1x20 | |
| **AIKT-SGC-R/L-40-3-T6** | ● | ○ | 40 | 47 | 300 | 55 | 6 | 37.5 | 26 | | | |

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* | 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 | | | |
| **AIKT-MB09-A16-095-28** | ● | 16 | 9.5 | 95 | 28 | 14 | **MB - 09** | 4015-M4x11 | 80-T15 |
| **AIKT-MB09-A16-110-40** | ● | 16 | 9.5 | 110 | 40 | 14 | | | |

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-SGC-R-25-3-T6


konuşulan
the spoken kalite...
quality...

# 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*



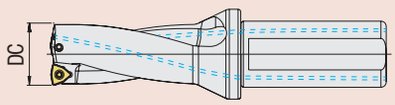
| AKKO A | TUM | 16 | x | D3 |
|---|---|---|---|---|
| 1 | 2 | 3 | | 4 |

| S | P | G | T | 06 | 02 | 04 |
|---|---|---|---|---|---|---|
| 5 | 6 | 7 | 8 | 9 | 10 | 11 |

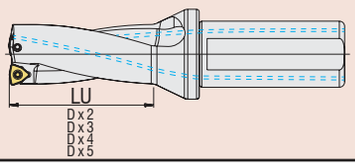
## 2 Kesici Stili / *Cutter Style* *Werkzeugtyp*

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*

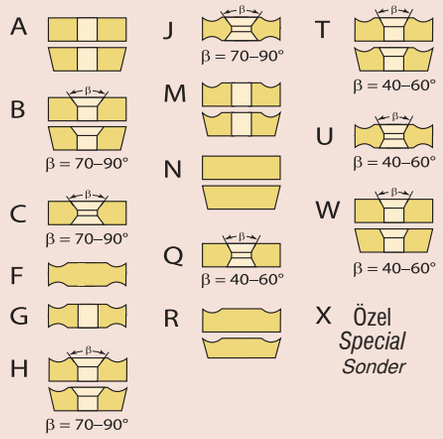




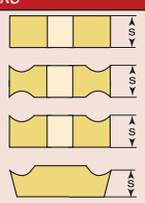


| C | P |
|---|---|

## 8 Uç Tipi / *Insert Type* *Plattentyp*

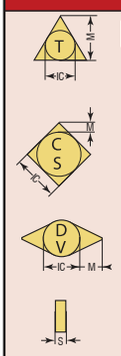



## 10 Kalınlık / *Thickness* *Dicke*




| | |
|---|---|
| 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 |

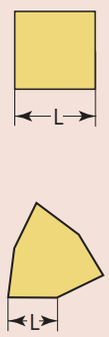
## 7 Toleranslar / *Tolerance Classes* / *Toleranzen*



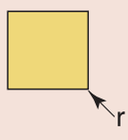

| | IC | M | S |
|---|---|---|---|
| A | ± 0.025 | ± 0.005 | ± 0.025 |
| C | ± 0.025 | ± 0.013 | ± 0.025 |
| E | ± 0.025 | ± 0.025 | ± 0.025 |
| F | ± 0.013 | ± 0.005 | ± 0.025 |
| G | ± 0.025 | ± 0.025 | ± 0.130 |
| H | ± 0.013 | ± 0.013 | ± 0.025 |
| J | ± 0.05–0.1 5 | ± 0.005 | ± 0.025 |
| K | ± 0.05–0.1 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*

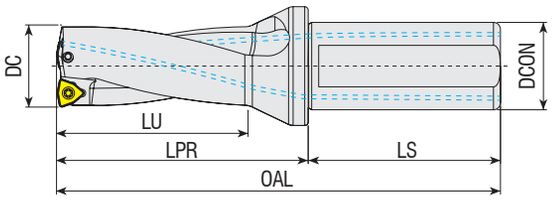


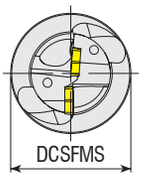

## 11 Köşe Konfigürasyonu / *Corner Radius* *Eckenradius*




| | |
|---|---|
| 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 |






Delme Derinliği = 2x Çap
*Drilling Depth = 2x Diameter*
*Bohrtiefe = 2x Durchmesser*

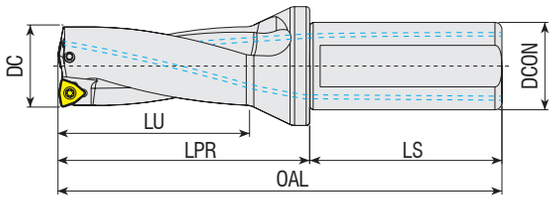
| Takım Kodu *Ordering Code* Bestell-Bezeichnung | Stok *Stock* Lager | Takım Ölçüleri (mm) *Dimension (mm)* Abmessung (mm) | | | | | | | Maks. Ofset (radyal) *Max. Offset (radial)* Max. Versatz (radial) | | Kesici Uç *Insert* Wendeschneidplatte | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 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 | | | |

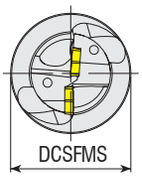
R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
ISO Ucuna Uygundur. / Compatible with ISO Insert. / Kompatibel mit ISO Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ATUM 16XD2 WCM. 030208

Takma Uçlu Matkap Kullanım Kılavuzu : S 375 / *User's Guide For U-Drills : P 375*
*Bedienungsanleitung für Vollbohrer : S 375*






Delme Derinliği = 2x Çap
*Drilling Depth* = *2x Diameter*
*Bohrtiefe* = *2x Durchmesser*

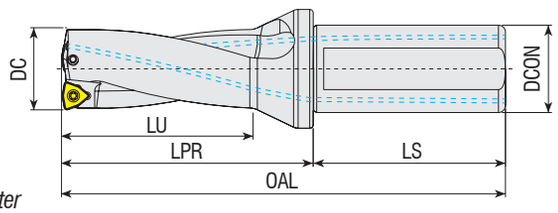
| **Takım Kodu** *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Maks. Ofset (radyal) *Max. Offset (radial)* *Max. Versatz (radial)* | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | DCON | DCSFMS | OAL | LU | LPR | LS | $X_{max}$ [mm] | $DC_{max}$ [mm] |  |  |  |
| **ATUM 30XD2 WCM. 06T308** | ● | 30 | 32 | 44 | 147 | 60 | 87 | 60 | 2.4 | 34.8 | | | |
| **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 | | | |

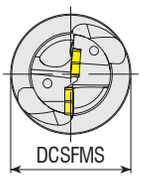
R: Sağ / Right / *Rechts!* L: Sol / Left / *Links*
● Stokta / In Stock */ Auf Lager* ○ Stokta Yok / Non Stock Item */ Kein Lagerartikel, Lieferzeit auf Anfrage*
ISO Ucuna Uygundur. / Compatible with ISO Insert. / Kompatibel mit ISO Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ATUM 30XD2 WCM. 06T308

Takma Uçlu Matkap Kullanım Kılavuzu : S 375 / *User's Guide For U-Drills : P 375* / *Bedienungsanleitung für Vollbohrer : S 375*






Delme Derinliği = 3x Çap
*Drilling Depth = 3x Diameter*
*Bohrtiefe = 3x Durchmesser*

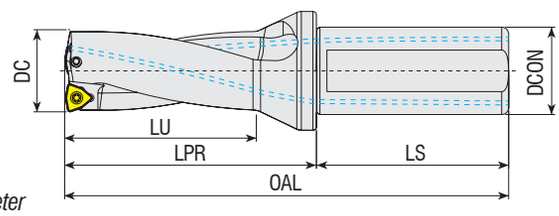
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Maks. Ofset (radyal) *Max. Offset (radial)* *Max. Versatz (radial)* | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | DCON | DCSFMS | OAL | LU | LPR | LS | $X_{max}$[mm] | $DC_{max}$[mm] | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| **ATUM 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 | | | |

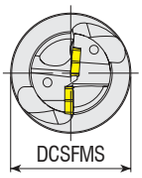
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
ISO Ucuna Uygundur. / Compatible with ISO Insert. / Kompatibel mit ISO Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ATUM 16XD3 WCM. 030208

Takma Uçlu Matkap Kullanım Kılavuzu : S 375 / *User's Guide For U-Drills : P 375*
*Bedienungsanleitung für Vollbohrer : S 375*






Delme Derinliği = 3x Çap
*Drilling Depth* = *3x Diameter*
*Bohrtiefe* = *3x Durchmesser*

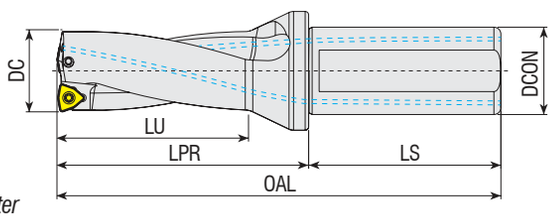
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Maks. Ofset (radyal) *Max. Offset (radial)* *Max. Versatz (radial)* | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* 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 | | | |

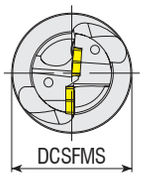
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
ISO Ucuna Uygundur. / Compatible with ISO Insert. / Kompatibel mit ISO Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ATUM 35XD3 WCM. 06T308

Takma Uçlu Matkap Kullanım Kılavuzu : S 375 / *User's Guide For U-Drills : P 375*
*Bedienungsanleitung für Vollbohrer : S 375*






Delme Derinliği = 4x Çap
*Drilling Depth = 4x Diameter*
*Bohrtiefe = 4x Durchmesser*

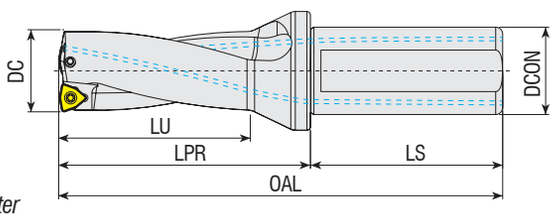
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Maks. Ofset (radyal) *Max. Offset (radial)* *Max. Versatz (radial)* | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | DCON | DCSFMS | OAL | LU | LPR | LS | $X_{max}$[mm] | $DC_{max}$[mm] | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| **ATUM 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 | | | |

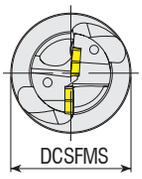
R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
ISO Ucuna Uygundur. / Compatible with ISO Insert. / Kompatibel mit ISO Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ATUM 16XD4 WCM. 030208

Takma Uçlu Matkap Kullanım Kılavuzu : S 375 / *User's Guide For U-Drills : P 375*
*Bedienungsanleitung für Vollbohrer : S 375*






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 | | | |

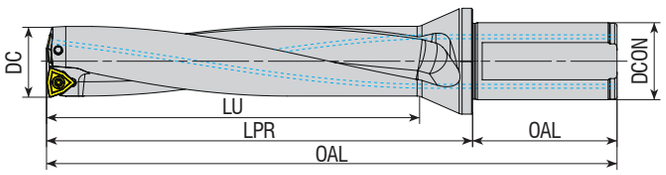
R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager*  ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
ISO Ucuna Uygundur. / Compatible with ISO Insert. / Kompatibel mit ISO Wendeplatten.

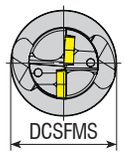
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ATUM 30XD4 WCM. 06T308

Takma Uçlu Matkap Kullanım Kılavuzu : S 375 / *User's Guide For U-Drills : P 375*
*Bedienungsanleitung für Vollbohrer : S 375*








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 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 |
| **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 |

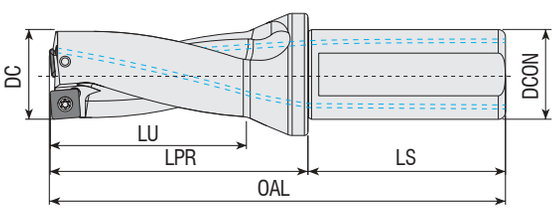
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
ISO Ucuna Uygundur. / Compatible with ISO Insert. / Kompatibel mit ISO Wendeplatten.

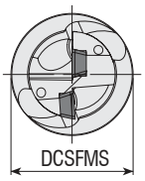
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ATUM 20XD5 WCM. 040208

Takma Uçlu Matkap Kullanım Kılavuzu : S 375 / *User's Guide For U-Drills : P 375*
*Bedienungsanleitung für Vollbohrer : S 375*



Delme Derinliği = 2x Çap
*Drilling Depth = 2x Diameter*
*Bohrtiefe = 2x Durchmesser*



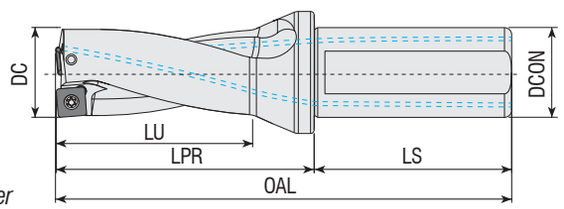

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Maks. Ofset (radyal) *Max. Offset (radial)* *Max. Versatz (radial)* | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | DCON | DCSFMS | OAL | LU | LPR | LS | $X_{max}$[mm] | $DC_{max}$[mm] | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| ATUM 12.5XD2 SP.. 050204 | ● | 12.5 | 20 | 25 | 96 | 24 | 46 | 50 | 0.75 | 14 | SP.. 050204 | 3006-M2x4 | 82-T06 |
| 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 | | | |
| 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 | SP.. 060204 | 3007-M2.2x4.6 | 82-T07 |
| 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 | | | |
| 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 | SP.. 07T308 | 3008-M2.5x6 | 82-T08 |
| new 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 | | | |
| new 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 | | | |
| new ATUM 24XD2 SP.. 07T308-32 | ● | 24 | 32 | 44 | 135 | 48 | 75 | 60 | 0.50 | 25 | | | |
| 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 | | | |
| new 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 | | | |
| new 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 | | | |
| new 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 | | | |

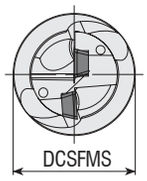
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
TGTC Ucuna Uygundur. / Compatibel with TGTC Insert. / Kompatibel mit TGTC Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ATUM 12.5XD2 SP.. 050204

Takma Uçlu Matkap Kullanım Kılavuzu : S 375 / *User's Guide For U-Drills : P 375*
*Bedienungsanleitung für Vollbohrer : S 375*






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 28XD2 SP.. 090408 | ● | 28 | 25 | 34 | 134 | 56 | 78 | 56 | 1 | 30 | | | |
| new 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 |
| new 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 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 | | | |
| ATUM 37XD2 SP.. 110408 | ● | 37 | 32 | 44 | 161 | 74 | 101 | 60 | 0.5 | 38 | SP.. 110408 | 4015-M4x11 | 80-T15 |
| 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 | | | |
| ATUM 46XD2 SP.. 140512 | ● | 46 | 40 | 54 | 194 | 92 | 124 | 70 | 0.4 | 46.8 | SP.. 140512 | 1020-M5x11 | 80-T20 |
| 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 | | | |

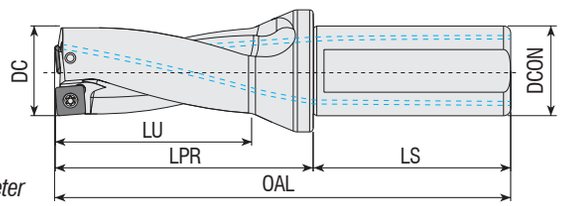
R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
TGTC Ucuna Uygundur. / Compatible with TGTC Insert. / Kompatibel mit TGTC Wendeplatten.

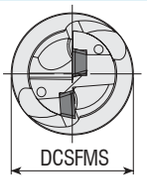
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ATUM 28XD2 SP.. 090408

Takma Uçlu Matkap Kullanım Kılavuzu : S 375 / *User's Guide For U-Drills : P 375*
*Bedienungsanleitung für Vollbohrer : S 375*



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 | **SP.. 050204** | 3006-M2x4 | 82-T06 |
| ATUM 14XD3 SP.. 050204 | ● | 14 | 20 | 25 | 114 | 42 | 64 | 50 | 0.6 | 15.2 | | | |
| 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 | | | |
| new 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 | | | |
| new 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 | | | |
| new 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 | | | |
| new 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 | | | |
| new 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 | | | |
| new 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 | | | |
| new 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 | | | |
| new ATUM 29XD3 SP.. 090408-32 | ● | 29 | 32 | 44 | 174 | 87 | 114 | 6 | 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.

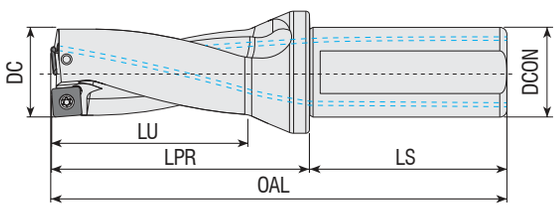
Sipariş Örneği/Ordering Example/*Bestellbeispiel*

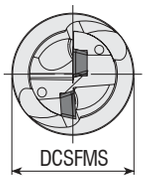
1 ad./pcs./stück ATUM 12.5XD3 SP.. 050204

Takma Uçlu Matkap Kullanım Kılavuzu : S 375 / *User's Guide For U-Drills : P 375*

*Bedienungsanleitung für Vollbohrer : S 375*






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 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 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 | | | |

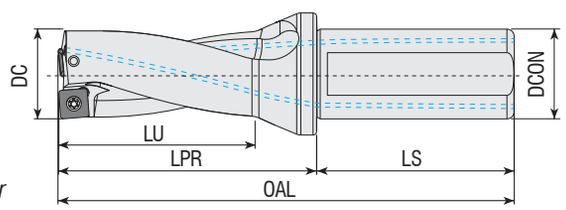
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
TGTC Ucuna Uygundur. / Compatible with TGTC Insert. / Kompatibel mit TGTC Wendeplatten.

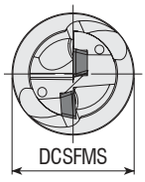
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ATUM 34XD3 SP.. 110408

Takma Uçlu Matkap Kullanım Kılavuzu : S 375 / *User's Guide For U-Drills : P 375*
*Bedienungsanleitung für Vollbohrer : S 375*



Delme Derinliği = 4x Çap
*Drilling Depth = 4x Diameter*
*Bohrtiefe = 4x Durchmesser*



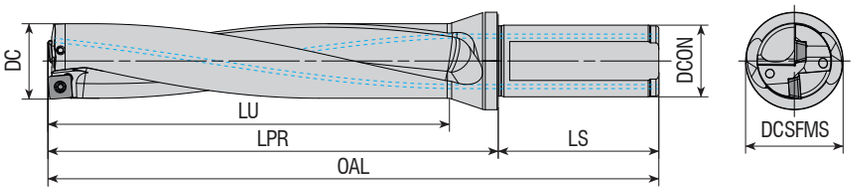




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Maks. Ofset (radyal) *Max. Offset (radial)* *Max. Versatz (radial)* | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 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 | | | |
| new ATUM 14.5XD4 SP.. 050204 | ● | 14.5 | 20 | 25 | 128 | 56 | 78 | 50 | 0.60 | 15.7 | | 3006-M2.5X4 | |
| ATUM 15XD4 SP.. 050204 | ● | 15 | 20 | 25 | 132 | 60 | 82 | 50 | 0.5 | 16 | | | |
| ATUM 16XD4 SP.. 060204 | ● | 16 | 25 | 34 | 142 | 64 | 86 | 56 | 0.8 | 17.6 | SP. 060204 | 3007-M2.2x4.6 | 82-T07 |
| 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 21XD4 SP.. 060204 | ● | 21 | 25 | 34 | 162 | 84 | 106 | 56 | 0 | 21 | | | |
| ATUM 22XD4 SP.. 07T308 | ● | 22 | 25 | 34 | 166 | 88 | 110 | 56 | 1 | 24 | SP. 07T308 | 3008-M2.5x6 | 82-T08 |
| 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 25XD4 SP.. 07T308 | ● | 25 | 25 | 34 | 178 | 100 | 122 | 56 | 0.25 | 25.5 | | | |
| ATUM 26XD4 SP.. 07T308 | ● | 26 | 25 | 34 | 182 | 104 | 126 | 56 | 0 | 26 | | | |
| 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 | | | |
| new 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 375 / *User's Guide For U-Drills : P 375*
*Bedienungsanleitung für Vollbohrer : S 375*






Delme Derinliği = 5x Çap
*Drilling Depth* = *5x Diameter*
*Bohrtiefe* = *5x Durchmesser*

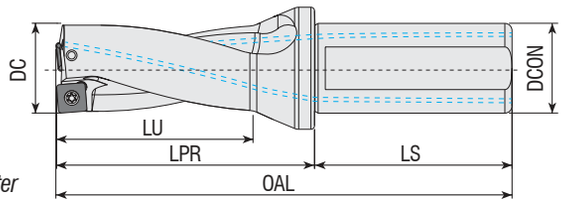
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Maks. Ofset (radyal) *Max. Offset (radial)* *Max. Versatz (radial)* | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | DCON | DCSFMS | OAL | LU | LPR | LS | $X_{max}$[mm] | $DC_{max}$[mm] | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| new 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 | |
| new ATUM 14.5XD5 SP.. 050204 | ● | 14.5 | 20 | 25 | 142 | 70 | 92 | 50 | 0.60 | 15.7 | | | |
| new 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 | | | |
| ATUM 17XD5 SP.. 060204 | ● | 17 | 25 | 34 | 163 | 85 | 107 | 56 | 0.75 | 18.5 | | | |
| new ATUM 17XD5 SP.. 060204-32 | ● | 17 | 32 | 34 | 163 | 85 | 107 | 56 | 0.75 | 18.5 | | 3007-M2.2x4.6 | |
| ATUM 18XD5 SP.. 060204 | ● | 18 | 25 | 34 | 168 | 90 | 112 | 56 | 0.5 | 19 | SP.. 060204 | 3007-M2.2x5 | 82-T07 |
| 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 | | | |
| 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 | SP.. 07T308 | 3008-M2.5x6 | 82-T08 |
| 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 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.. 090408-32 | ● | 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 | SP.. 090408 | 4015-M3.5x9 | 80-T15 |
| 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 | | | |

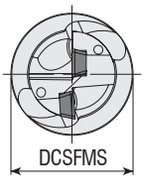
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
TGTC Ucuna Uygundur. / Compatible with TGTC Insert. / *Kompatibel mit TGTC Wendeplatten.*

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ATUM 13XD5 SP.. 050204
Takma Uçlu Matkap Kullanım Kılavuzu : S 375 / *User's Guide For U-Drills : P 375*
*Bedienungsanleitung für Vollbohrer : S 375*



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 | | | |
| new 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 | | | |
| new 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 | | | |
| new 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 |
| new 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.*

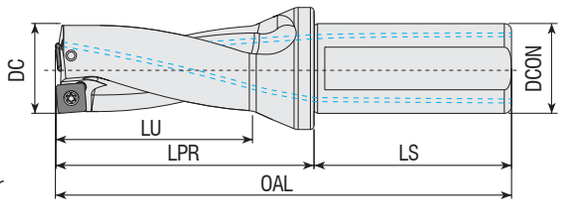
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ATUM 12.5XD2 SPGT 050204

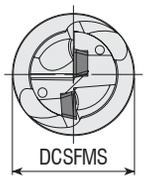
Takma Uçlu Matkap Kullanım Kılavuzu : S 375 / *User's Guide For U-Drills : P 375*
*Bedienungsanleitung für Vollbohrer : S 375*





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 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*

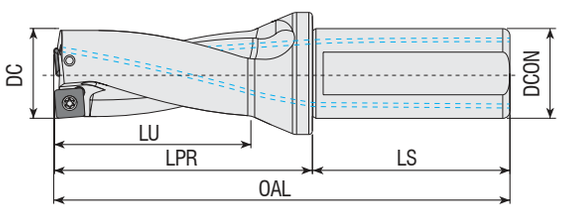
1 ad./pcs./stück ATUM 12.5XD3 SPGT 050204

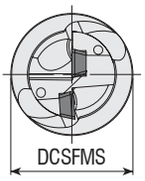
Takma Uçlu Matkap Kullanım Kılavuzu : S 375 / *User's Guide For U-Drills : P 375*

*Bedienungsanleitung für Vollbohrer : S 375*



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 | | | |
| new **ATUM 36XD3 SPGT 110408** | ● | 36 | 32 | 44 | 195 | 108 | 135 | 60 | 2.5 | 41 | | | |
| new **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 | | | |

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

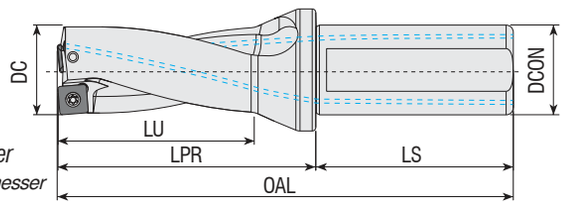
Takma Uçlu Matkap Kullanım Kılavuzu : S 375 / *User's Guide For U-Drills : P 375*
*Bedienungsanleitung für Vollbohrer : S 375*

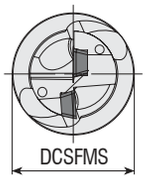




Delme Derinliği
*Drilling Depth*
*Bohrtiefe*

= 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* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | DCON | DCSFMS | OAL | LU | LPR | LS | $X_{max}$[mm] | $DC_{max}$[mm] | | | |
| ATUM 13XD4 SPGT 050204 | ● | 13 | 20 | 25 | 124 | 52 | 74 | 50 | 0.75 | 14.5 | | | |
| ATUM 14XD4 SPGT 050204 | ● | 14 | 20 | 25 | 128 | 56 | 78 | 50 | 0.6 | 15.2 | | | |
| new ATUM 14.5XD4 SPGT 050204 | ● | 14.5 | 20 | 25 | 128 | 58 | 78 | 50 | 0.6 | 15.7 | **SPGT 050204** | 3006-M2x4 | 82-T06 |
| 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 | | | |
| 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 | **SPGT 060204** | 3007-M2.2x5 | 82-T07 |
| 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 | | | |
| 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 | **SPGT 07T308** | 3008-M2.5x6 | 82-T08 |
| 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 | | | |
| 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 | **SPGT 090408** | 4015-M3.5x9 | 80-T15 |
| new ATUM 31XD4 SPGT 090408 | ● | 31 | 32 | 44 | 211 | 124 | 151 | 60 | 0.75 | 32.5 | | | |
| new 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 |

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

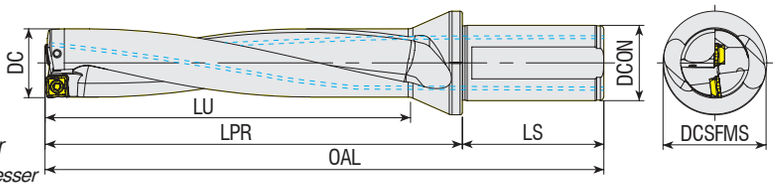
Takma Uçlu Matkap Kullanım Kılavuzu : S 375 / *User's Guide For U-Drills : P 375*
*Bedienungsanleitung für Vollbohrer : S 375*

new



Delme Derinliği
*Drilling Depth*
*Bohrtiefe*

= 5x Çap
= *5x Diameter*
= *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 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 | | | |

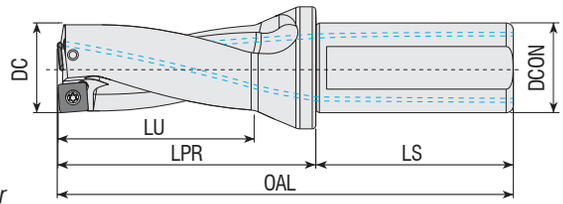
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
ZCC Ucuna Uygundur. / Compatible with ZCC Insert. / Kompatibel mit ZCC Wendeplatten. Wendeplatten.

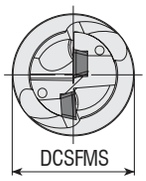
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ATUM 13XD4 SPGT 050204

Takma Uçlu Matkap Kullanım Kılavuzu : S 375 / *User's Guide For U-Drills : P 375*
*Bedienungsanleitung für Vollbohrer : S 375*



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. Offset (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.. 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 | | | |

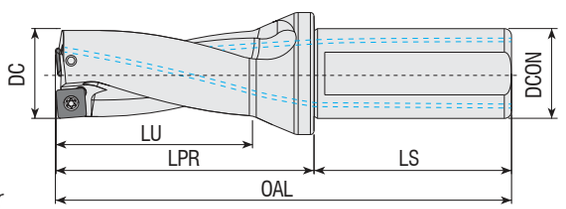
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
ISCR Ucuna Uygundur. / Compatible with ISCR Insert. / Kompatibel mit ISCR Wendeplatten.

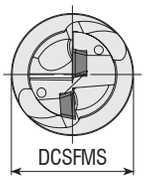
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ATUM 14XD3 SO.. 050204

Takma Uçlu Matkap Kullanım Kılavuzu : S 375 / *User's Guide For U-Drills : P 375*
*Bedienungsanleitung für Vollbohrer : S 375*



Delme Derinliği = 4x Çap
*Drilling Depth = 4x Diameter*
*Bohrtiefe = 4x Durchmesser*



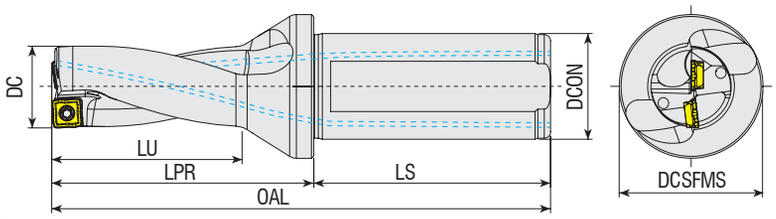

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Maks. Ofset (radyal) *Max. Offset (radial)* *Max. Versatz (radial)* | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 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 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 375 / *User's Guide For U-Drills : P 375*
*Bedienungsanleitung für Vollbohrer : S 375*






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 | | | |
| **ATUM 30XD2 SO.. 094506** | ● | 30 | 32 | 44 | 147 | 60 | 87 | 60 | 0.65 | 31.30 | **SOMX 094506** | 4015-M4X8 | 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*
MTSBH Ucuna Uygundur. / Compatible with MTSBH Insert. / Kompatibel mit MTSBH.

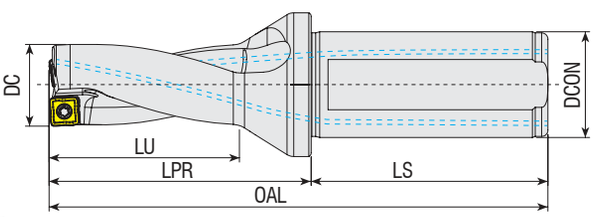
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./шт. ATUM 14XD2 SO.. 052704

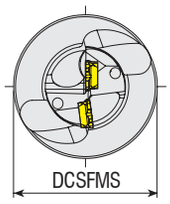
Takma Uçlu Matkap Kullanım Kılavuzu : S 375 / *User's Guide For U-Drills : P 375*
*Bedienungsanleitung für Vollbohrer : S 375*





Delme Derinliği = 3x Çap
*Drilling Depth = 3x Diameter*
*Bohrtiefe = 3x Durchmesser*



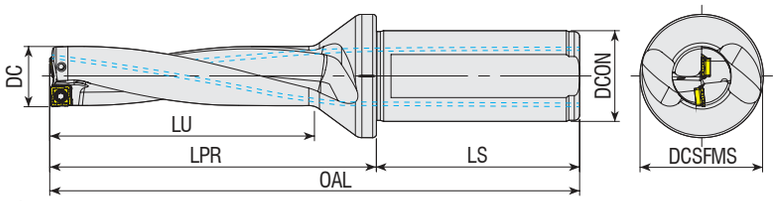

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Maks. Ofset (radyal) *Max. Offset (radial)* *Max. Versatz (radial)* | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* 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 | 49.5 | 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.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ATUM 14.5XD3 SO.. 052704

Takma Uçlu Matkap Kullanım Kılavuzu : S 375 / *User's Guide For U-Drills : P 375*
*Bedienungsanleitung für Vollbohrer : S 375*






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 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 | | | 82-T10 |
| 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 | | | |
| 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 | | | |
| ATUM 30XD4 SO.. 094506 | ● | 30 | 32 | 44 | 207 | 120 | 147 | 60 | 0.65 | 31.3 | **SOMX 094506** | 4015-M4X8 | 80-T15 |

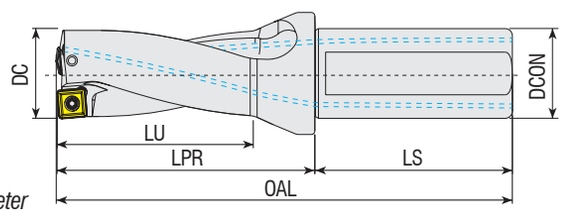
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
MTSBH Ucuna Uygundur. / Compatible with MTSBH Insert. / Kompatibel mit MTSBH.

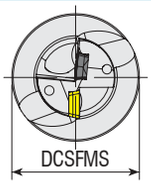
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ATUM 14XD4 SO.. 052704

Takma Uçlu Matkap Kullanım Kılavuzu : S 375 / *User's Guide For U-Drills : P 375*
*Bedienungsanleitung für Vollbohrer : S 375*







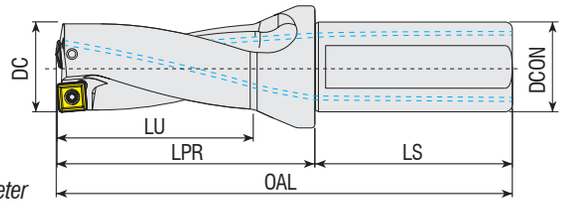



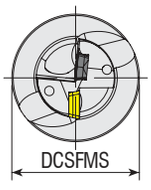

Delme Derinliği = 2x Çap
*Drilling Depth = 2x Diameter*
*Bohrtiefe = 2x Durchmesser*

| 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 | 25 | 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 | | | |
| new 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 | | | |
| new ATUM 38XD2 KDR 1304.. | ● | 38 | 32 | 44 | 163 | 76 | 103 | 60 | 0.35 | 38.7 | | | |

KRLY Ucuna Uygundur. / Compatible with KRLY Insert. / Kompatibel mit KRYL






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 | | | |

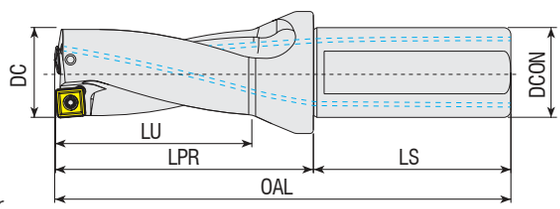
R: Sağ / Right / *Rechtsl* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
KRLY Ucuna Uygundur. / Compatible with KRLY Insert. / Kompatibel mit KRYL

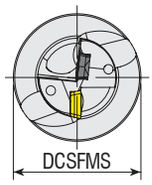
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ATUM 14XD2 KDR 0502..

Takma Uçlu Matkap Kullanım Kılavuzu : S 375 / *User's Guide For U-Drills : P 375*
*Bedienungsanleitung für Vollbohrer : S 375*



Delme Derinliği = 3x Çap
*Drilling Depth = 3x Diameter*
*Bohrtiefe = 3x Durchmesser*



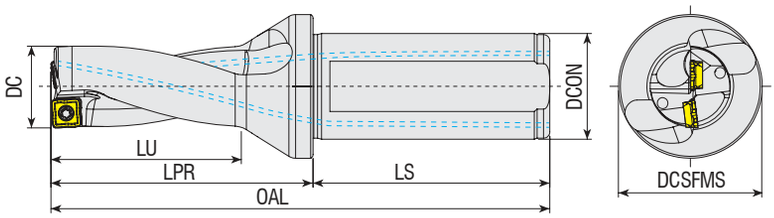

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Maks. Ofset (radyal) *Max. Offset (radial)* *Max. Versatz (radial)* | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 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 | | | |
| new 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 KRYL

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ATUM 12.5XD3 KDR 0402..

Takma Uçlu Matkap Kullanım Kılavuzu : S 375 / *User's Guide For U-Drills : P 375*
*Bedienungsanleitung für Vollbohrer : S 375*






Delme Derinliği = 2x Çap
*Drilling Depth* = *2x Diameter*
*Bohrtiefe* = *2x Durchmesser*

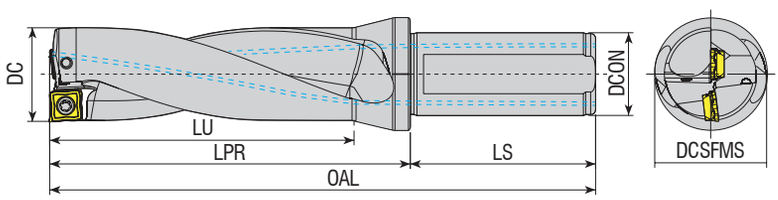
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Maks. Ofset (radyal) *Max. Offset (radial)* *Max. Versatz (radial)* | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 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 375 / *User's Guide For U-Drills : P 375*
*Bedienungsanleitung für Vollbohrer : S 375*






Delme Derinliği = 3x Çap
*Drilling Depth = 3x Diameter*
*Bohrtiefe = 3x Durchmesser*

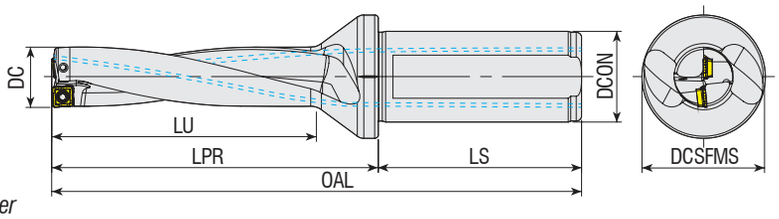
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Maks. Ofset (radyal) *Max. Offset (radial)* *Max. Versatz (radial)* | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | 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 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 / *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 14XD3 SOMT 050204

Takma Uçlu Matkap Kullanım Kılavuzu : S 375 / *User's Guide For U-Drills : P 375*
*Bedienungsanleitung für Vollbohrer : S 375*






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 375 / *User's Guide For U-Drills : P 375*
*Bedienungsanleitung für Vollbohrer : S 375*



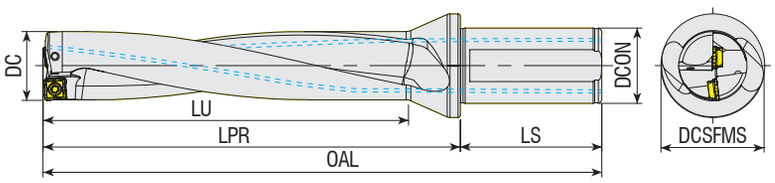











Delme Derinliği = 5x Çap
*Drilling Depth = 5x Diameter*
*Bohrtiefe = 5x Durchmesser*

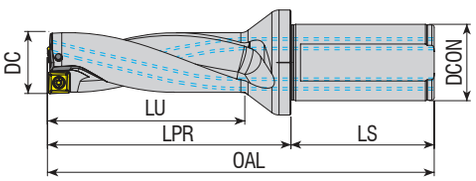
| **Takım Kodu** *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Maks. Ofset (radyal) *Max. Offset (radial)* *Max. Versatz (radial)* | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* 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 | | | |

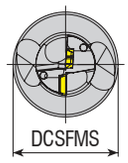
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
TGTC Ucuna Uygundur. / Compatible with TGTC Insert. / Kompatibel mit TGTC Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ATUM 14XD5 SOMT 050204

Takma Uçlu Matkap Kullanım Kılavuzu : S 375 / *User's Guide For U-Drills : P 375*
*Bedienungsanleitung für Vollbohrer : S 375*






| | |
|---|---|
| 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 | | | |
| new 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 375 / *User's Guide For U-Drills : P 375*
*Bedienungsanleitung für Vollbohrer : S 375*

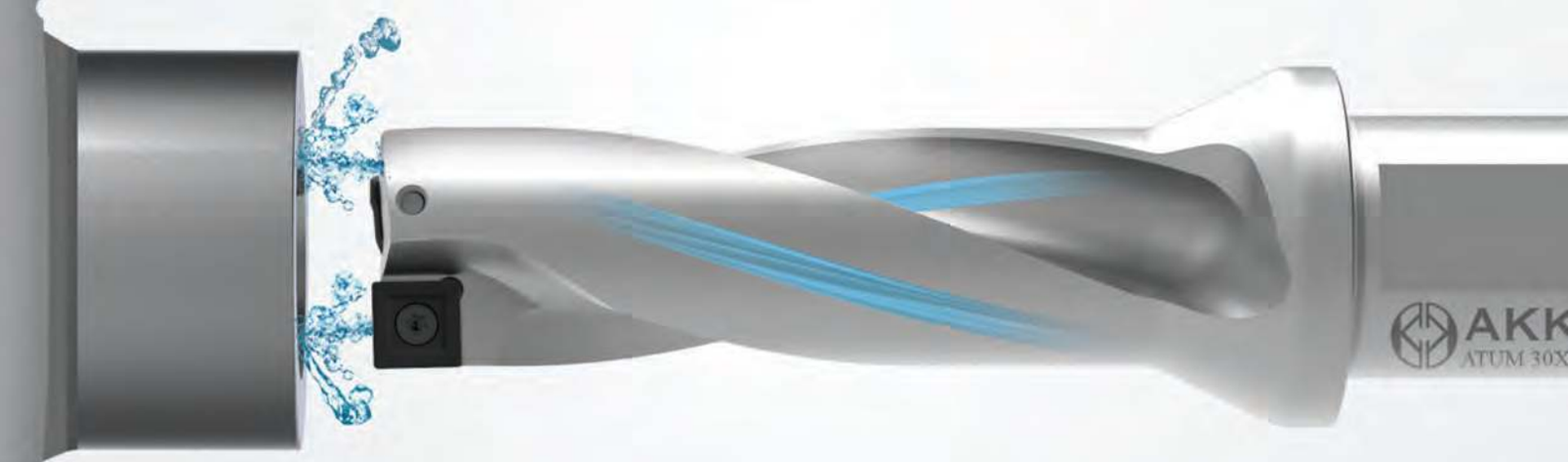
# HELİSEL İÇTEN SU VERME KANALLI MATKAPLAR

# INDEXABLE DRILLS WITH HELICAL COOLANT HOLE

*Farklı çaplarda ve ALFA KAPLAMA teknolojisi ile siparişe hazır.*

***They are ready to order in different diameters and with ALPHA COATING technology.***

| | |
|---|---|
| Helisel içten su verme kanallı | **Helical Internal Coolant Holes** |
| Üstün Alpha Kaplama Teknolojisi | **Superior Alpha Coating Technology** |
| 1000 Vickers'e dayanan yüksek yüzey sertliği | **High surface hardness up to 1000 Vickers** |
| Aşınmaya karşı yüksek direnç | **High resistance to abrasion** |
| Dengeli ve hassas kesim | **Balanced and precise cutting** |




✱ *STOK DURUMU / **STOCK STATUS***

**D2 / D3 / D4 / D5**

✱ *Helisel İçten Su Verme Kanalı*
***Twisted Coolant Hole***

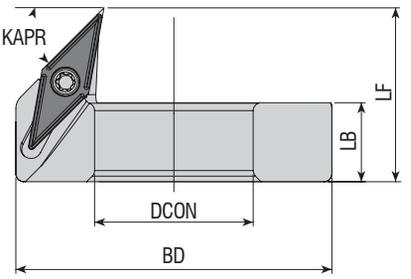
*AKKO HELİSEL KANAL TEKNOLOJİSİ*
***AKKO HELICAL CHANNEL TECHNOLOGY***



*RAKİPLER*
***COMPETITORS***






| 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* *Montageschraubenschlüssel* |
| | | 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*

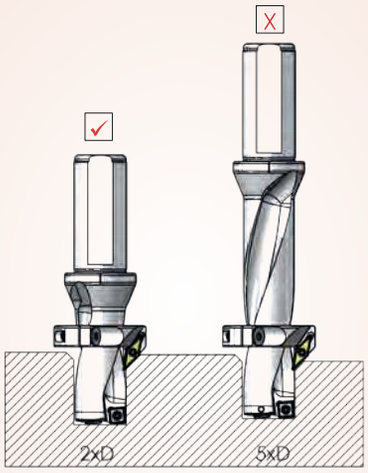
1 ad./pcs./stück ADCR-120-VB1103

Delik Pahlama Bileziği Kullanım Kılavuzu : S 219 / *User's Guide For Drill Chamfering Ring Tools : P 219*

*Technische Information Für Bohrer-Fasringwerkzeuge: P 219*

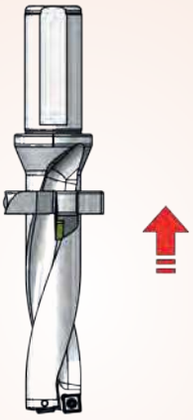
## Tavsiye Edilen / *Recommended* / *Empfehlung*

**A**



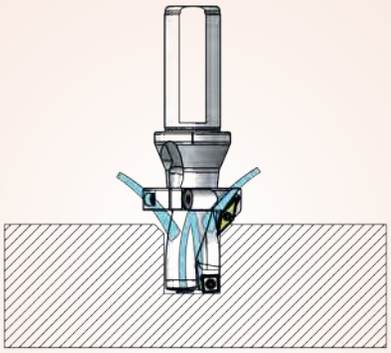

Mümkünse, her zaman kısa bir delme takımı kullanın. Değilse, titreşimi en aza indirmek için kesme hızını azaltın.
*If possible, use it always short drilling tools. Otherwise, reduce your speeds to minimize vibration.*
*Bitte möglichst kurze Bohrwerkzeuge verwenden. Sollte dies nicht möglich sein, reduzieren 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.*

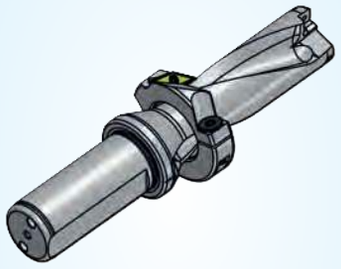
## Montaj Şekli / *Mounting System* / *Montage-Hinweise*

**1**



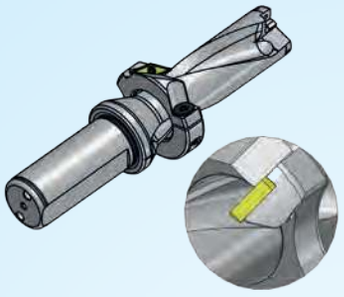
Matkap gövdesi üzerine pah kırma halkasını takın.
*Put the chamfering ring to drill body.*
*Schieben Sie den Fasring auf den Bohrkörper.*

**2**



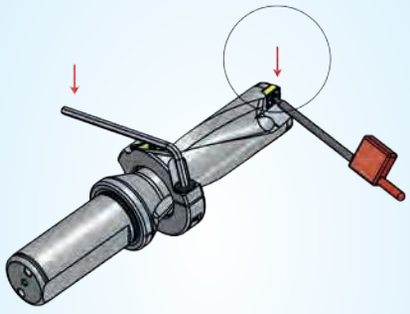
İstenilen konuma pah kırma halkasını kaydırın.
*Please slide chamfering ring to the desired position.*
*Befestigen Sie den Fasring an der gewünschten Position.*

**3**



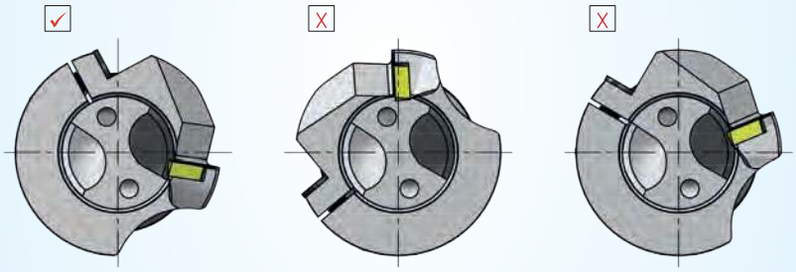
Pah kırma halkasını talaş akışına mani olmayacak şekilde helis başlangıcına denk getirin.
*Please keep chamfering ring position which will not resist to fluiding chips and try to be equal to the helix start points.*
*Positionieren Sie den Fasring bündig mit der Bohrerspirale um einen problemlosen Spänetransport zu gewährleisten.*

**4**

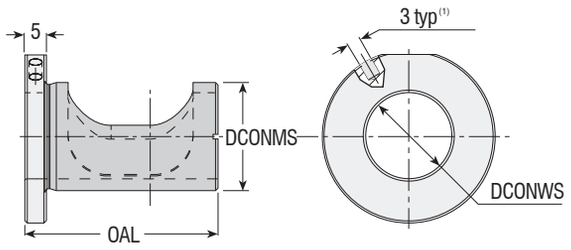


Pah kırma halkasını sıkın ve matkabın uçlarını takın.
*Tightening the chamfering ring and put the drill insert.*
*Den Fasring festziehen und die Bohr-Wendeplatten einbauen.*

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)* DCON | BD | LF |
|---|---|---|---|---|
| **AET-2025** | ● | 20 | 25 | 44 |
| **AET-2532** | ● | 25 | 32 | 46 |
| **AET-3240** | ● | 32 | 40 | 55 |

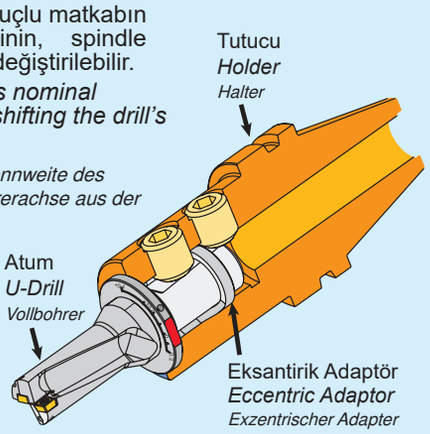
■ (1) Delik ince bir metal yardımıyla adaptörün radyal olarak ayarlanmasını kolaylaştırmak için kullanılır. / Holes for inserting a pin, used to facilitate radial adjustment of the sleeve (pin not supplied).
*Bohrung zum Einsetzen eines Stiftes mit dem der Adapter radial eingestellt werden kann (Stift 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..*

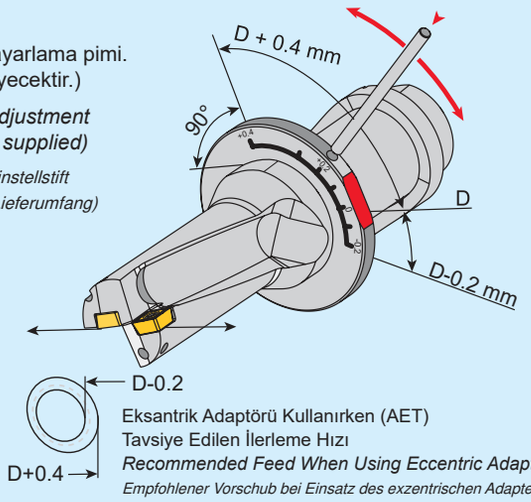


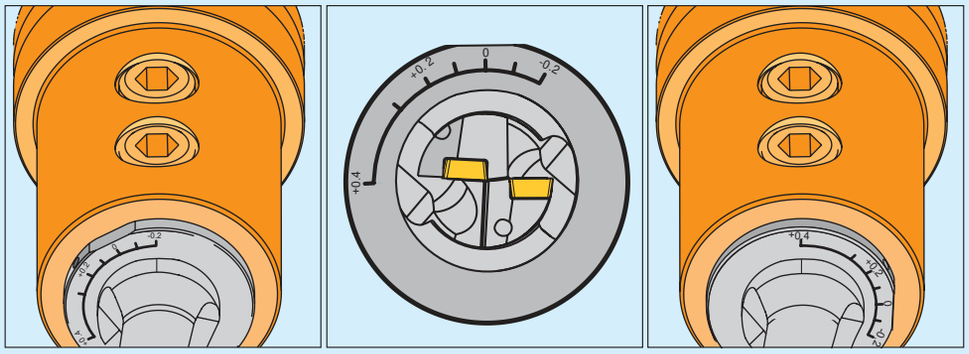

Radyal ayarlama pimi. (Verilmeyecektir.)

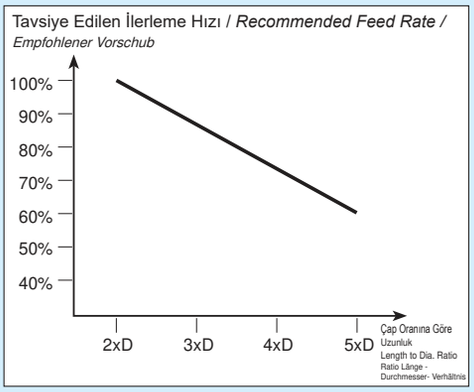
*Radial adjustment pin. (not supplied)*

*Radial - Einstellstift (nicht im Lieferumfang)*

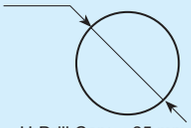



Eksantrik Adaptörü Kullanırken (AET)
Tavsiye Edilen İlerleme Hızı
*Recommended Feed When Using Eccentric Adaptor*
*Empfohlener Vorschub bei Einsatz des exzentrischen Adapters*



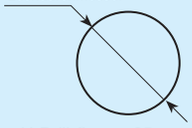



Delik Çapı
24.8 mm
*Hole Diameter*
*Lochdurchmesser*



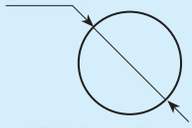
U-Drill Çapı = 25 mm
*Drill Diameter = 25 mm*
*Vollbohrer Durchmesser = 25mm*

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*

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.

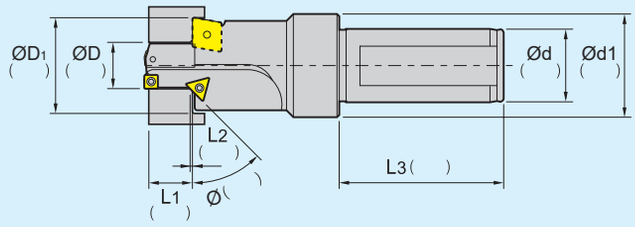
*The adjustment markings should be located perpendicular to the flat on the circumference of the U-DRILL flange.*
*To facilitate the rotation of the adaptor, a metal rod or a screw key may be inserted into a hole on the excentric adaptor flange. Unlock adapter screw before adjusting adaptor.*

*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.*

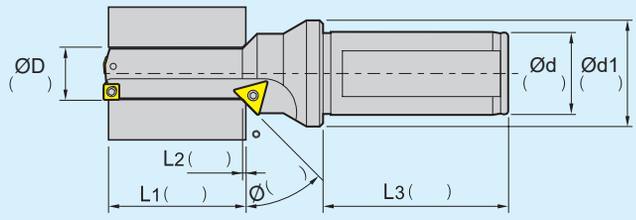


Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AET-2025

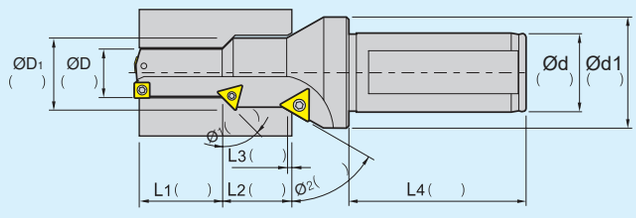
☐



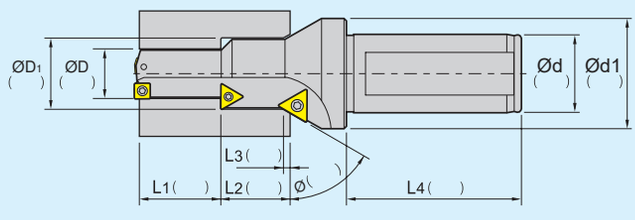

☐



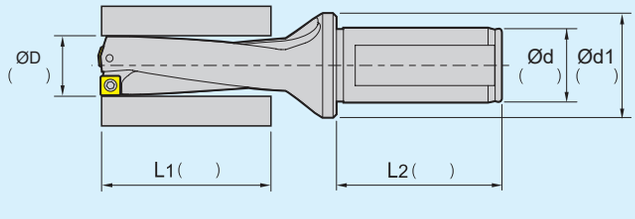

☐




☐



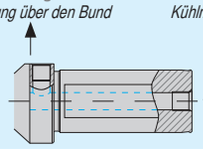

☐




## • 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*

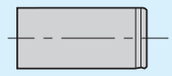


## • Delik Tipi / *Hole Type / Bohrungstyp*

☐ **Kapalı Delik**
*Blind Hole*
*Grundbohrung*

☐ **Açık Delik**
*Thru Hole*
*Durchgangsbohrung*

## • Şaft Tipleri / *Types of Shank / Schaftausführung*

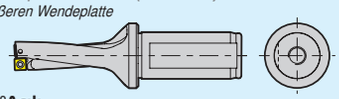
☐ 
**Düz Tip**
*Flat Type*
*Bohrungstyp*

☐ 
**Weldon Tip**
*Weldon Type*
*Weldon-Schaft*

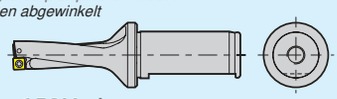
☐ 
**Eğimli Yargı Tipi**
*Whistle Notch Type*
*Whistle-Notch-Schaft*

## • Yargı Bağlama Yeri / *Location of Side Lock / Position der Spannfläche*

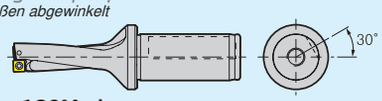
☐ **Dış Uca Parelel (Standart)**
*Parallel to Peripheral Insert (Standard)*
*Parallel zur äußeren Wendeplatte*



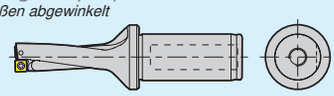
☐ **Dış Uca 90°Açılı**
*90°angle to peripheral insert*
*90° außen abgewinkelt*



☐ **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*

AKKO®

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

# EKONOMİK KESİCİLER

**EKONOMİK KESİCİLER**
*MULTI FUNCTIONAL CUTTING TOOLS*
*MULTIFUNKTIONALES DREH- UND BOHRWERKZEUG*



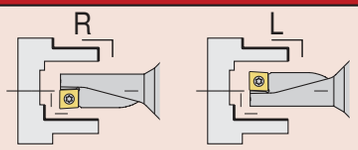
| AKKO A | EK | R | - | D2.25 | x | 20 |
|---|---|---|---|---|---|---|
| 1 | 2 | 3 | | 4 | | 5 |

| X | C | . | . | 10 | T3 | 04 |
|---|---|---|---|---|---|---|
| 6 | 7 | 8 | 9 | 10 | 11 | 12 |

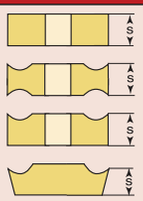
## 2 Kesiş Stili / *Cutter Style* / *Werkzeugtyp*

EK : Ekonomik Kesici / *Economic Cutting*
*Multifunktionales Dreh- und Bohrwerkzeug*

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

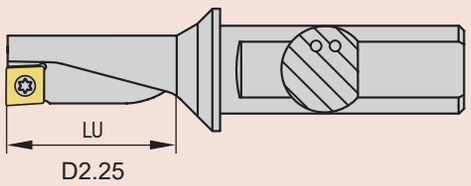



## 11 Kalınlık / *Thickness* / *Dicke*

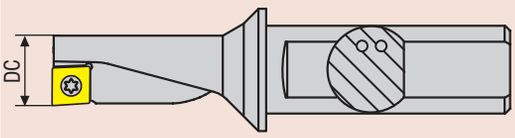



| | |
|---|---|
| 01 | s = 1.59 |
| T1 | s = 1.98 |
| 02 | s = 2.38 |
| T2 | s = 2.78 |
| 03 | s = 3.18 |
| T3 | s = 3.97 |
| 04 | s = 4.76 |
| 05 | s = 5.56 |
| 06 | s = 6.35 |
| 07 | s = 7.94 |
| 09 | s = 9.52 |

## 4 Delme Derinliği / *Drilling* Depth / *Bohrtiefe*




## 5 Takım Çapı / *Tool Diameter* / *Werkzeugdurchmesser*

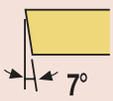



## 6 Uç Şekli / *Insert Form* / *Plattenform*



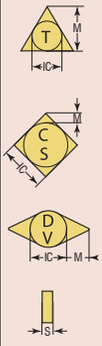
| X | Q |
|---|---|

## 7 Serbest Uç Açısı / *Clearance Angle of Insert* / *Freiwinkel der Wendeschneidplatte*




C

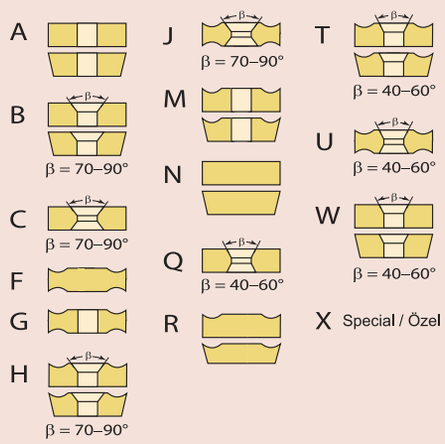
## 8 Toleranslar / *Tolerance Classes* / *Toleranzen*



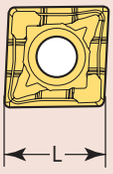

| | IC | M | S |
|---|---|---|---|
| A | ± 0.025 | ± 0.005 | ± 0.025 |
| C | ± 0.025 | ± 0.013 | ± 0.025 |
| E | ± 0.025 | ± 0.025 | ± 0.025 |
| F | ± 0.013 | ± 0.005 | ± 0.025 |
| G | ± 0.025 | ± 0.025 | ± 0.130 |
| H | ± 0.013 | ± 0.013 | ± 0.025 |
| J | ± 0.05–0.15 | ± 0.005 | ± 0.025 |
| K | ± 0.05–0.15 | ± 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*

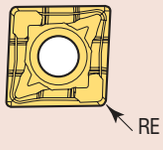
## 9 Uç Tipi / *Type of Insert* / *Plattenform*




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

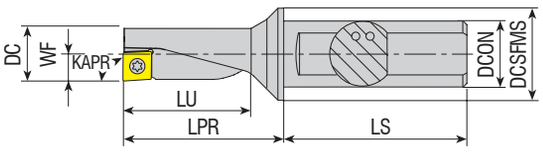


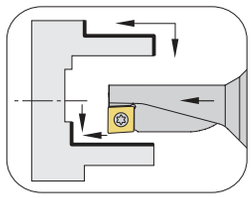

## 12 Köşe Konfigürasyonu / *Corner Radius* / *Eckenradius*




| | | | |
|---|---|---|---|
| 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 | | |





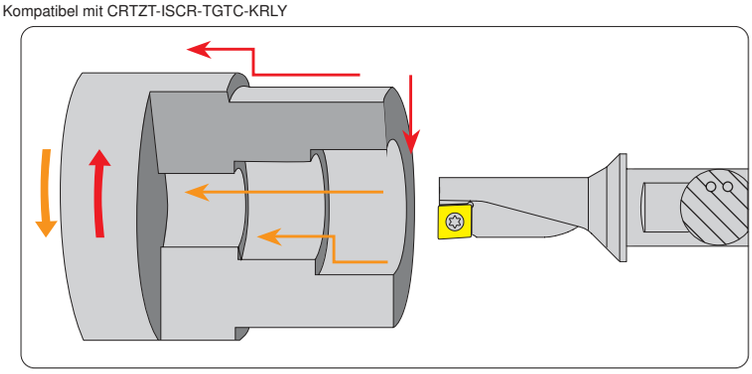



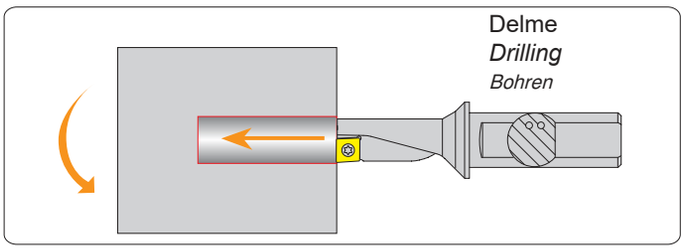
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | |

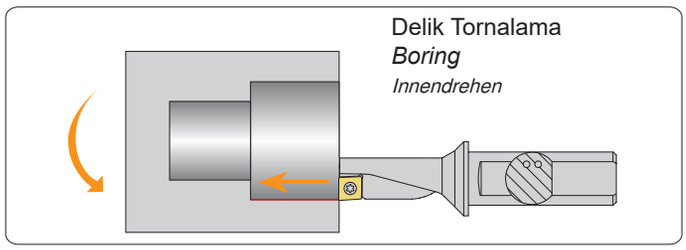
R: Sağ / Right / *Rechts*  L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
CRTZT-ISCR-TGTC-KRLY Ucuna Uygundur. / Compatible with CRTZT-ISCR-TGTC-KRLY Insert.

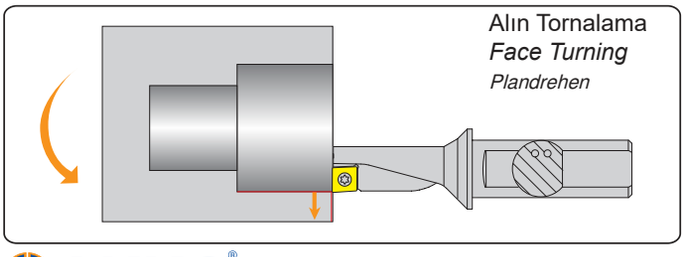
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AEKR-D2.25X8 XC.. 040104

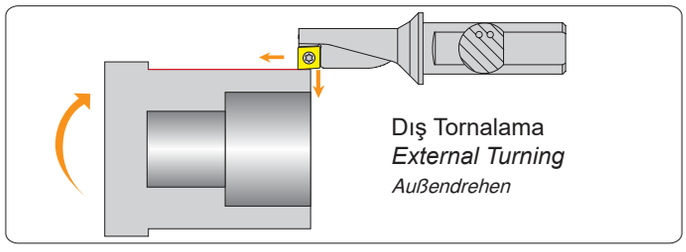
Kompatibel mit CRTZT-ISCR-TGTC-KRLY





AKKO®

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

# BARALAR

**AYARLI DELİK İŞLEME BARALARI**
*ADJUSTABLE BORING HEADS*
*EINSTELLBARE SPINDELKÖPFE*














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| AKKO | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | | BH | | R | | - | D | 1 | 8 | x | 2 | 2 | | | | | | | |
| 1 | | 2 | | 3 | | | 4 | | | | | | | | | | | | |

| W | 1 | 6 | - | L | 9 | 0 | - | C | C | 0 | 6 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 5 | | | | 6 | | | | 7 | | | |

**2** Kesiş Stili / *Cutter Style* / *Werkzeugtyp*

BH : Delik İşleme / *Boring Head*
*Spindelkopf*

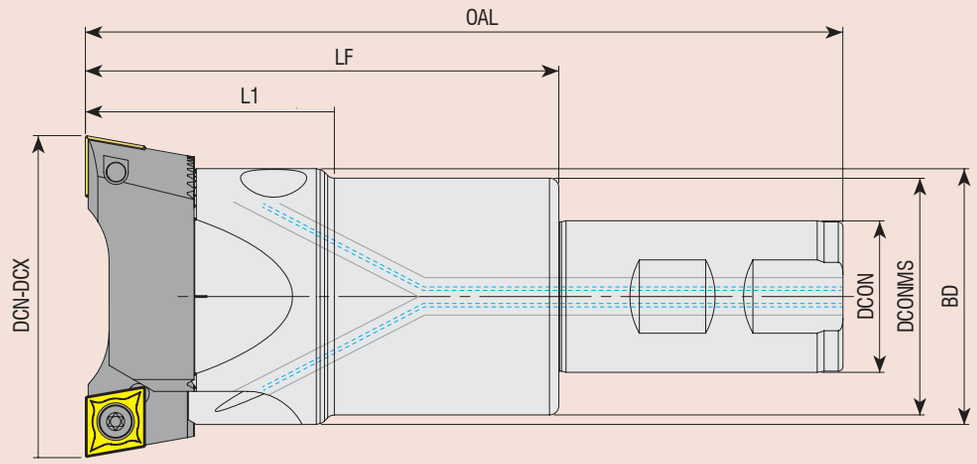
**3** İşlem Tipi / *Cutter Type* / *Einsatzgebiet*

R : Kaba Baralama / *Rough Boring*
*Schruppbearbeitung*
F : Hassas Baralama / *Fine Boring*
*Schlichtbearbeitung*

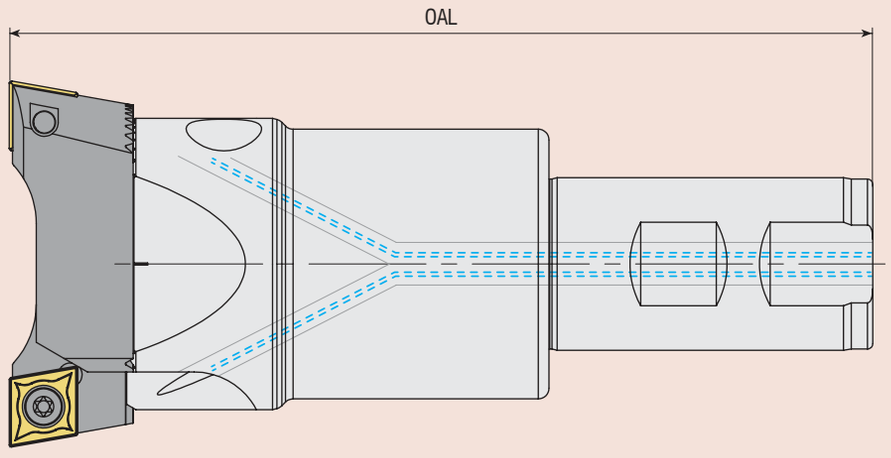
**5** Montaj Formu / *Asembly Form* / *Schaftform*

W : Weldon

**4** Ölçü Aralığı / *Boring Range* / *Bohrbereich*



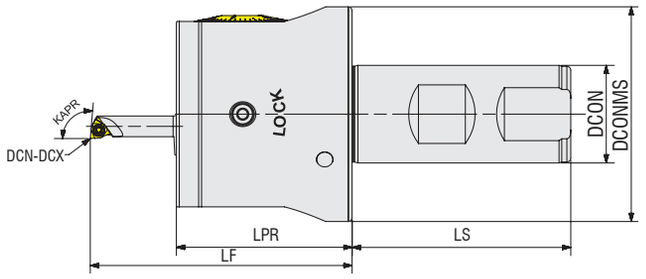

**6** Takım Boyu / *Tool Length* / *Werkzeuglänge*




**7** Kesici Uç / *Insert* / *Wendeschneidplatte*

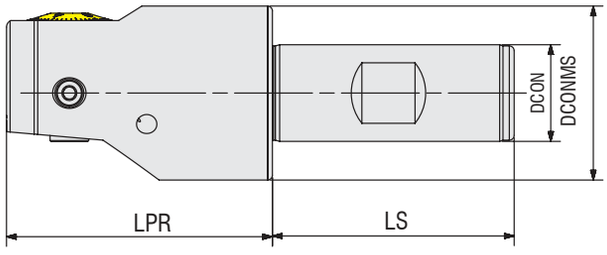
CC06 : CC.. 0602..
CC09 : CC.. 09T3..
CC12 : CC.. 1204..






| 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-06X30-ABHF-D06X30-WA25 | ● | 06-30 | 67 | 45 | 56 | 25 | 55 | 95° | 6 | 10 | SWLCR-D06X10-22 | WCGT020104L | ABHF-D06X30-WA25 |
| | | | 75 | | | | | | 8 | 14 | SWLCR-D08X14-30 | | |
| | | | 85 | | | | | 93° | 12 | 18 | STUPR-D12X18-40 | TPGX 090202L | |
| | | | | | | | | | 16 | 22 | STUPR-D16X22-40 | | |
| | | | | | | | | | 20 | 26 | STUPR-D20X26-40 | | |
| | | | 95 | | | | | | 24 | 30 | STUPR-D24X30-50 | | |
| SET-29X40-ABHF-D29X40-WA16 | ● | 29-40 | 50 | 46 | 40 | 16 | 27 | | 29 | 35 | STFPR-D29x35 | | ABHF-D29X40-WA16 |
| | | | | | | | | | 34 | 40 | STFPR-D34x40 | | |
| SET-39X54-ABHF-D39X54-WA20 | ● | 39-54 | 60 | 55 | 50 | 20 | 36 | | 39 | 47 | STFPR-D39x47 | | ABHF-D39X54-WA20 |
| | | | | | | | | | 46 | 54 | STFPR-D46x54 | | |
| SET-52X80-ABHF-D52X80-WA25 | ● | 52-80 | 70 | 65 | 56 | 25 | 48 | | 52 | 68 | STFPR-D52x68 | | ABHF-D52X80-WA25 |
| | | | | | | | | | 64 | 80 | STFPR-D64x80 | | |
| SET-78X116-ABHF-D78X170-WA32 | ● | 78-116 | 83 | 77 | 60 | 32 | 70 | | 78 | 98 | STFPR-D78x98 | | ABHF-D78X170-WA32 |
| | | | | | | | | | 96 | 116 | STFPR-D96x116 | | |



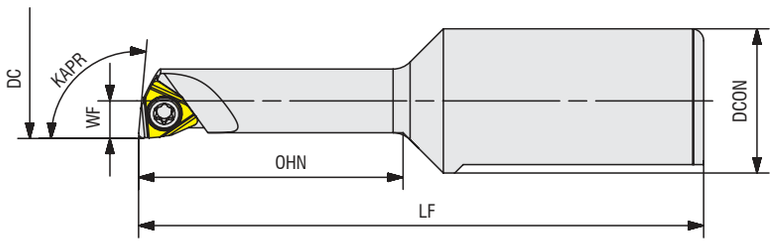



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Anahtar *Allen Key* *Innensechskantschlüssel* | |
|---|---|---|---|---|---|---|---|---|
| | | Ölçü Aralığı *Boring Range* *Bohrbereic* DCN-DCX | LPR | LS | DCON | DCONMS | | |
| ABHF-D06X30-WA25 | ● | 06-30 | 45 | 56 | 25 | 55 | AAL-05-4 | |
| ABHF-D29X40-WA16 | ● | 29-40 | 46 | 40 | 16 | 27 | AAL-01-2 | AAL-02-2.5 |
| ABHF-D39X54-WA20 | ● | 39-54 | 55 | 50 | 20 | 36 | AAL-02-2.5 | AAL-03-3 |
| ABHF-D52X80-WA25 | ● | 52-80 | 65 | 56 | 25 | 48 | AAL-05-4 | AAL-07-5 |
| ABHF-D78X170-WA32 | ● | 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.*

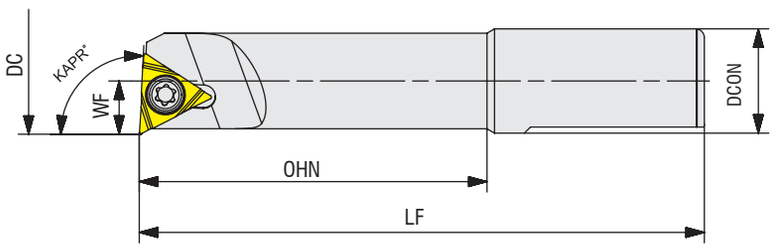
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück SET-06X30-ABHF-D06X30-WA25






| 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* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DCN | WF | KAPR | LF | OHN | DCON |  |  |  |
| SWLCR-D06X10-22 | ● | 6 | 3 | 95° | 47 | 22 | 12 | WCGT020104L | 3006-M2x3.3 | 82-T06 |
| SWLCR-D08X14-30 | ● | 8 | 4 | | 55 | 30 | | | | |



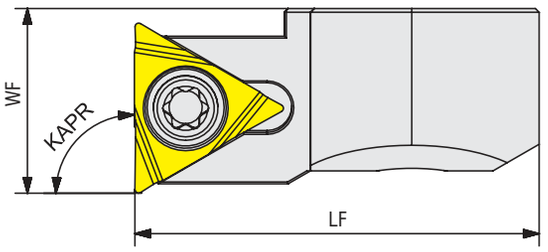



| Takım Kodu *Ordering Code* Bestell-Bezeichnung | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DCN | WF | KAPR | LF | OHN | DCON |  |  |  |
| 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.*

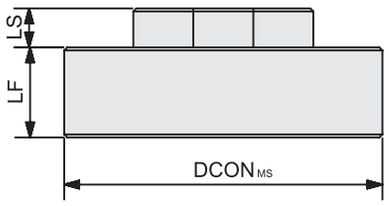
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück SWLCR-D06X10-22




| Takım Kodu *Ordering Code* Bestell-Bezeichnung | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|
| | | WF | KAPR | LF | Kesici Uç *Insert* *Wendeschneidplatte* | 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 | | | |



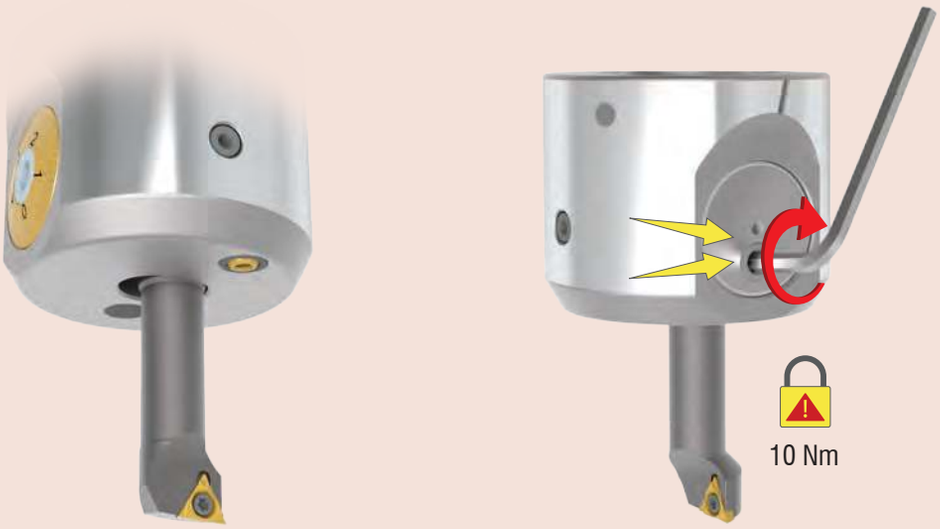



| Takım Kodu *Ordering Code* Bestell-Bezeichnung | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | |
|---|---|---|---|---|
| | | DCON | LF | LS |
| **AEA-114x134** | ● | 31.80 | 12.90 | 9 |
| **AEA-132x152** | ● | 31.80 | 21.90 | 18 |

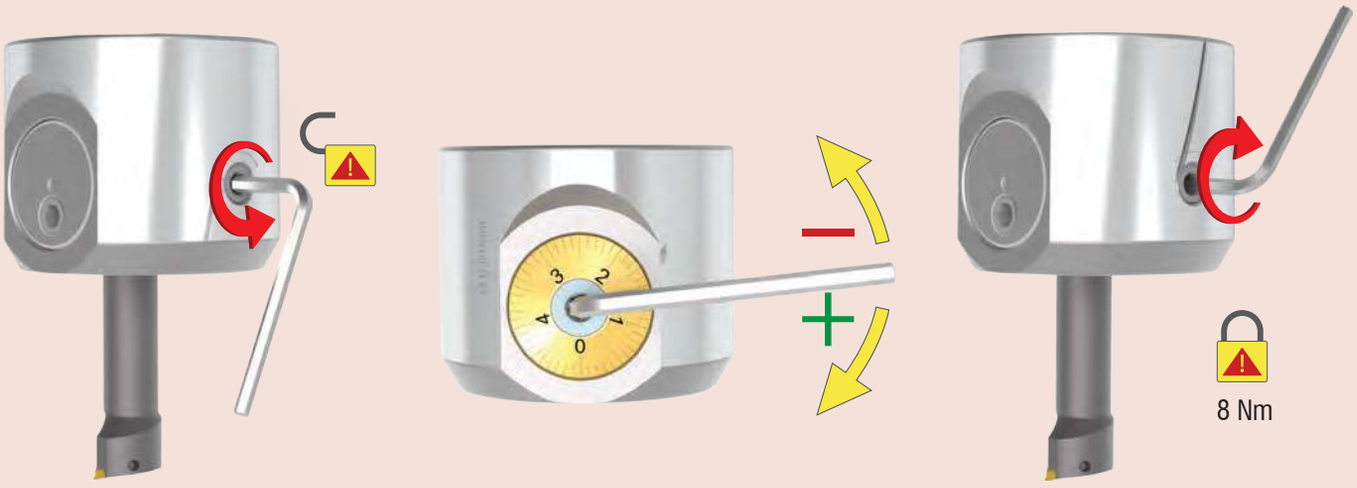
● Stokta / In Stock */ Auf Lager* ○ Stokta Yok / Non Stock Item */ Kein Lagerartikel, Lieferzeit auf Anfrage*
Siparişte, gövde ve kartuş set olarak verilecektir. */ When ordered, body and cartridge will be sent as set.*
*Bei Bestellung werden Körper und Kassetten als Set geliefert.*

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück STFPR-D29x35

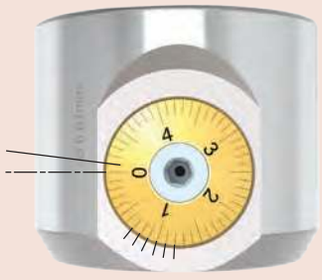
## Kartuşların Montajı / Assembling Boring Bar / Kartuschen Montaje

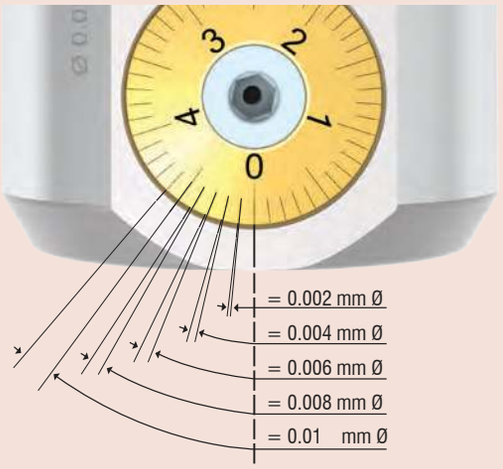



## Çap Ayarı / Diameter Adjustment / Umfangeinstellung

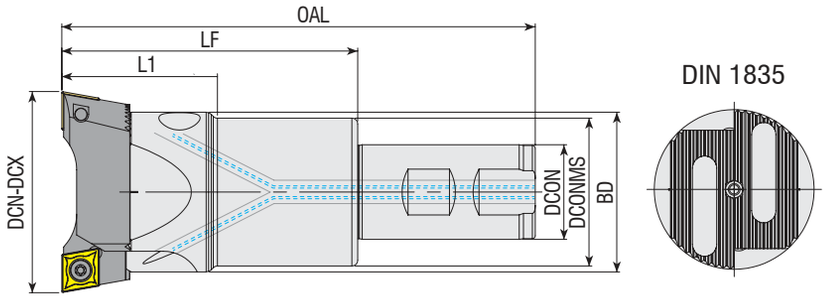


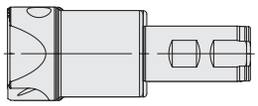

## Ölçek / Scale - Vernier / Messaparat








| 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.. 160-800 | 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*

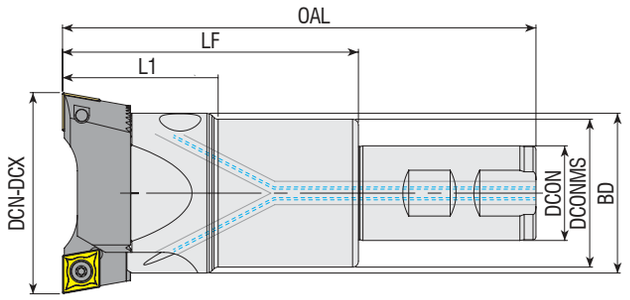
Sipariş, gövde ve kartuş set olarak verilecektir. / *When ordered, body and cartridge will be sent as set.*

*Bei Bestellung werden Körper und Kassetten als Set geliefert.*

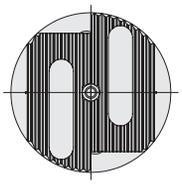
Sipariş Örneği/Ordering Example/*Bestellbeispiel*

1 ad./pcs./stück ABHR-D18x22-W16-L90-CC06






DIN 1835



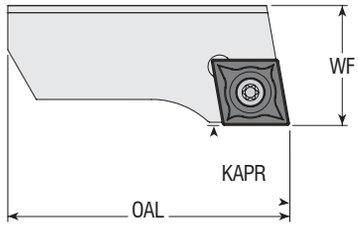
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ölçü Aralığı *Boring Range* *Durchmesser* DCN-DCX | DCON | DCONMS | BD | OAL | LF | L1 | 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* |
| ABHRS-D16x42-W16-L90 | ● | 18-22 | 16 | - | - | 90 | 42 | - | 2525-M3x14 | AAL-02-2.5 | ABKS-D16 | 2715-M3x4 | |
| ABHRS-D16x102-W16-L150 | ● | 18-22 | 16 | - | - | 150 | 102 | - | | | | | |
| ABHRS-D16x152-W16-L200 | ● | 18-22 | 16 | - | - | 200 | 152 | - | | | | | |
| ABHRS-D20x50-W20-L100 | ● | 22-28 | 20 | - | - | 100 | 50 | - | 2503-M4x15 | AAL-03-3 | ABKS-D20 | 2715-M3x5 | AAL-09-1.5 |
| ABHRS-D20x100-W20-L150 | ● | 22-28 | 20 | - | - | 150 | 100 | - | | | | | |
| ABHRS-D20x150-W20-L200 | ● | 22-28 | 20 | - | - | 200 | 150 | - | | | | | |
| ABHRS-D25x60-W20-L110 | ● | 28-38 | 20 | 25 | - | 110 | 60 | - | 2503-M4x20 | AAL-03-3 | ABKS-D25 | 2715-M3x8 | |
| ABHRS-D25x110-W20-L160 | ● | 28-38 | 20 | 25 | - | 160 | 110 | - | | | | | |
| ABHRS-D25x180-W20-L230 | ● | 28-38 | 20 | 25 | - | 230 | 180 | - | | | | | |
| ABHRS-D32X64-W25-L120 | ● | 36-50 | 25 | 32 | - | 120 | 64 | - | 2504-M5x25 | AAL-05-4 | ABKS-D32 | 2702-M4x12 | AAL-01-2 |
| ABHRS-D32X114-W25-L170 | ● | 36-50 | 25 | 32 | - | 170 | 114 | - | | | | | |
| ABHRS-D32X194-W25-L250 | ● | 36-50 | 25 | 32 | - | 250 | 194 | - | | | | | |
| ABHRS-D40x80-W32-L140 | ● | 50-68 | 32 | 40 | - | 140 | 80 | - | 2505-M6x30 | AAL-07-5 | ABKS-D40 | 2725-M5x16 | AAL-02-2.5 |
| ABHRS-D40x140-W32-L200 | ● | 50-68 | 32 | 40 | - | 200 | 140 | - | | | | | |
| ABHRS-D40x220-W32-L280 | ● | 50-68 | 32 | 40 | - | 280 | 220 | - | | | | | |
| ABHRS-D50x100-W32-L160 | ● | 68-90 | 32 | 50 | 54 | 160 | 100 | 50 | 2506-M8x35 | AAL-08-6 | ABKS-D50 | 2725-M5x12 | |
| ABHRS-D50x150-W32-L210 | ● | 68-90 | 32 | 50 | 54 | 210 | 150 | 50 | | | | | |
| ABHRS-D50x220-W32-L280 | ● | 68-90 | 32 | 50 | 54 | 280 | 220 | 50 | | | | | |
| ABHRS-D63x80-W32-L140 | ● | 90-120 | 32 | 63 | 72 | 140 | 80 | 63 | 2508-M10x40 | AAL-11-8 | ABKS-D63 | 2703-M6x16 | AAL-03-3 |
| ABHRS-D63x130-W40-L200 | ● | 90-120 | 40 | 63 | 72 | 200 | 130 | 63 | | | | | |
| ABHRS-D63x230-W40-L300 | ● | 90-120 | 40 | 63 | 72 | 300 | 230 | 63 | | | | | |
| ABHRS-D80x140-W40-L210 | ● | 120-160 | 40 | 80 | 95 | 210 | 140 | 75 | 2510-M12x40 | AAL-12-10 | ABKS-D80 | 2704-M8x25 | AAL-05-4 |
| ABHRS-D80x230-W40-L300 | ● | 120-160 | 40 | 80 | 95 | 300 | 230 | 75 | | | | | |
| ABHRS-D80x140-W40-L210 | ● | 160-200 | 40 | 80 | 95 | 210 | 140 | 75 | 2510-M12x40 | | | | |
| ABHRS-D80x230-W40-L300 | ● | 160-200 | 40 | 80 | 95 | 300 | 230 | 75 | | | | | |

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°**

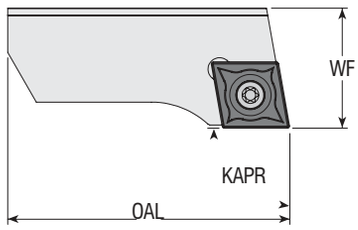





| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|
| | | Ölçü Aralığı *Boring Range* | WF | 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°**



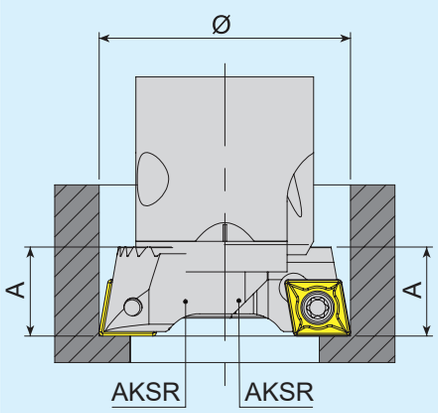



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|
| | | Ölçü Aralığı *Boring Range* | WF | 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 160-800** | ● | 160-800 | 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

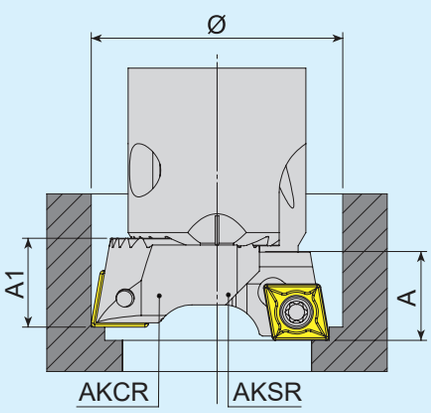
Şekil:A




Yüksek ilerleme ile kaba baralama

*Schruppen mit hoher Vorschubgeschwindigkeit*

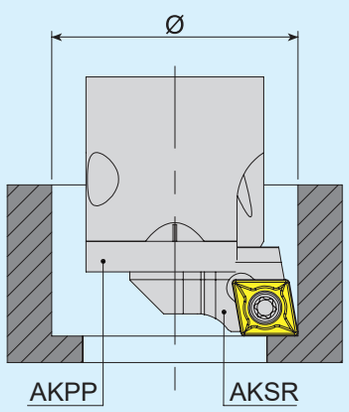
Şekil:B




Yüksek kesme derinligi ile kaba baralama

*für tiefe Schruppbearbeitung*

Şekil:C




Hafif kaba baralama veya yarı hassas uygalamalar

*Spindelbearbeitung mit geringem Außmaß*

1. Kesici kenarların radyal ayarı, takım ölçme ekipmanıyla yapılmalıdır.
2. 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)
• Aynı düzlemde olmayan bir AKCR kartuşu ve bir AKSR kartuşu yüksek derinlikte kaba baralama işlemleri için kullanılır. (Şekil B)

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.

3. Tek kartuşlu baralama takımları, normal talaş kaldırma işlemini içeren kaba ve hassas baralama işlemleri içindir. Dişleri koruma plakası, AKPP daima kullanılmalıdır. (Şekil C)

1. Radial setting of the cutting edges should be carried out with tool presetting equipment.
2. 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)
• An AKCR cartridge and an AKSR cartridge not on the same plane for high-debth roughing operations. (fig. B)

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.

3. 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. Die radiale Einstellung der Schneiden sollte auf einem Voreinstellgerät durchgeführt werden.*
*2. 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 )*
*• Eine AKCR-Kassette und eine AKSR-Kassette, die nicht in derselben Ebene liegen, werden für tiefe Schruppbearbeitungen eingesetzt.*
*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.*
*3. 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®

konuşulan
the spoken kalite...
quality...

# 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*

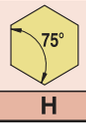
## 3 Freze Yanaşma Açısı / *Lead Angle* / *Anstellwinkel*

90° - 75° - 60° - 45°
20° - 15° - 11° - 5° - 0°

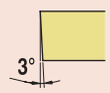
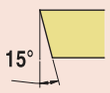
## 4 Freze Yanaşma Açısı / *Lead Angle* / *Ausführung*

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

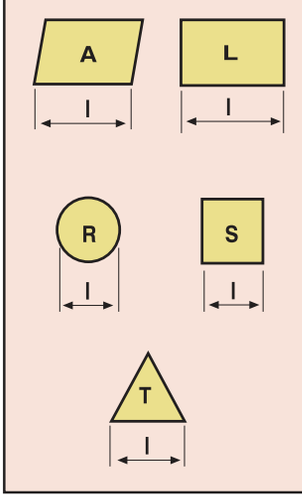
## 5 Uç Tipi / *Type of Insert* / *Plattenform*

| | | | |
|---|---|---|---|
|  |  |  |  |
| 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*

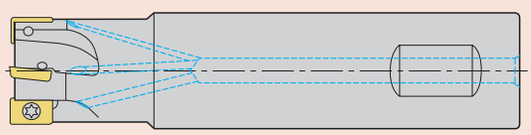
## 9 Montaj Formu ve Çapı / *Asembly Form and Diameter* / *Schaft-ø und Form*

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

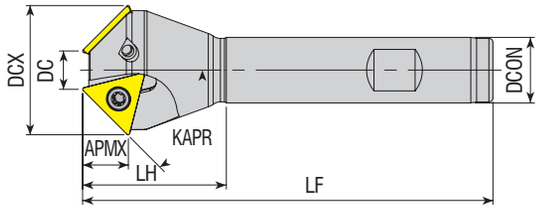
## 10 Takım Boyu / *Tool Length* / *Werkzeug Länge*

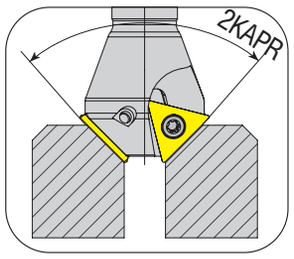
## 11 Etkili Diş Adedi / *Number of Effective Tooth* / *Effektive Zähnezahl*

## 12 İçten Soğutmalı / *With Coolant Hole* / *Innenkühlung*





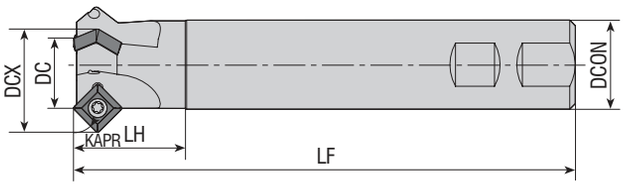




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | KAPR | DC | DCX | DCON | LF | LH | ZEFP | APMX |  | Sıkma Vidası *Screw* *Schraube*  | Tork Anahtar *Torx Key* *Torx-Schlüssel*  |
| 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 | **TC.T 16T304** | | |
| 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 | **TC.T 16T308** | | |
| ACM20-TC16-D12X22-W16-L100-Z01 | ● | 20° | 12 | 22 | 16 | 100 | 30 | 1 | 14.4 | | | |
| 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 | **TC.T 16T304** | 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 | | | |
| new 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-D11X24-W16-L100-Z02 | ● | 45° | 11 | 24 | 16 | 100 | 25 | 2 | 6.9 | **TC.T 110204** | 3008-M2.5x6 | 82-T08 |
| 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-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 | | | |
| new 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 377/ *Cutting Calculation : P 377* / *Schnittberechnung : P 377*



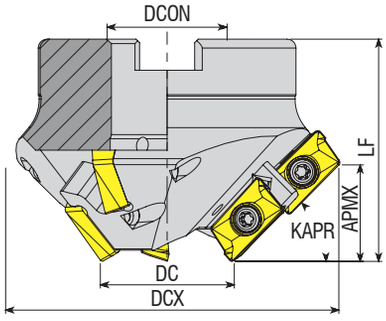




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | KAPR | DC | DCX | DCON | LF | LH | ZEFP | a | | | |
| 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 | - | | | |

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





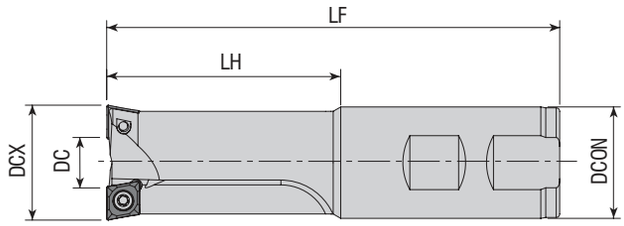


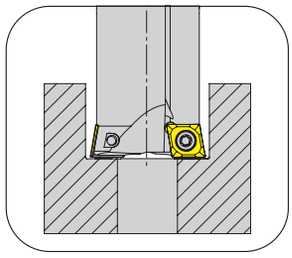

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | ZEFP Toplam *Total* *Gesamt* | ZEFP Etkili *Effective* *Effektiv* | KAPR | DC | DCX | DCON | APMX | LF | | | | |
| AHM15-AP16-D35x93-A27-Z0306-H | ● | 6 | 3 | 15 | 35 | 93 | 27 | 8 | 50 | | **AP.. 1604..** | 4015-M4x11 | 80-T15 |
| 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 | | | | |
| 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 ACM45-SP1104-D12x26-W20-L150-Z01
Kesme Hesabı : S 377/ *Cutting Calculation : P 377* / *Schnittberechnung : P 377*





| Takım 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 | - | | | |
| 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 | **CC.. 060204** | 3008-M2.5x6 | 82-T08 |
| 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 | | | |
| 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 | - | **CC.. 09T304** | 4015-M3.5x9 | 80-T15 |
| 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. / Compatibel with ISO Insert. / Kompatibel mit ISO Wendeplatten.

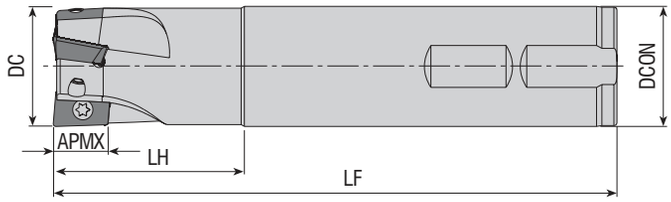
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ACBM-CC06-D17X6-W16-L150-Z02
Kesme Hesabı : S 377/ *Cutting Calculation : P 377* / *Schnittberechnung : P 377*





**KAPR=90°**



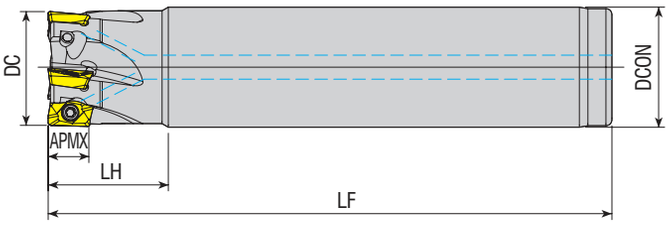



| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* | | | | | | Kesici Uç / *Insert* / *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | LH | APMX |  | Sıkma Vidası / *Screw* / *Schraube*  | Tork Anahtar / *Torx Key* / *Torx-Schlüssel*  |
| **AEM90-AD1505-D25-W25-L150-Z02** | ● | 25 | 2 | 25 | 150 | 50 | 14.30 | | | |
| **AEM90-AD1505-D30-W25-L150-Z03** | ● | 30 | 3 | 25 | 150 | 40 | 14.30 | **AD.. 1505..** | 4015-M4x9 | 80-T15 |
| **AEM90-AD1505-D32-W32-L150-Z03** | ● | 32 | 3 | 32 | 150 | 50 | 14.30 | | | |

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

**KAPR=90°**



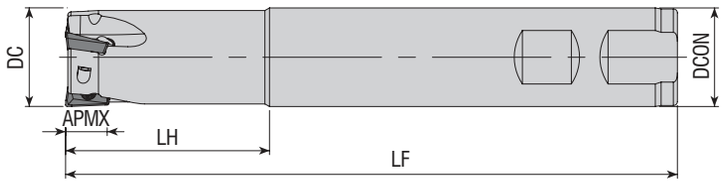



| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* | | | | | | Kesici Uç / *Insert* / *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 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 | | 3006-M2x3.3 | |
| **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 | | | |
| **AEM90-AD07-D12-C12-L90-Z03-H** | ● | 12 | 3 | 12 | 90 | 18 | 6 | **ADMX 0702..** | 3006-M2x3.3 | 82-T06 |
| **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 | | | |
| **AEM90-AD07-D25-C25-L140-Z06-H** | ● | 25 | 6 | 25 | 140 | 24 | 6 | | 3006-M2x4 | |
| **AEM90-AD11-D16-C16-L135-Z02-H** | ● | 16 | 2 | 16 | 135 | 24 | 9 | | | |
| **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 | | 3008-M2.5x5 | |
| **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 | **ADMX 11T3..** | | |
| **AEM90-AD11-D22-C20-L150-Z03-H** | ● | 22 | 3 | 20 | 150 | 15 | 9 | | | 82-T08 |
| **AEM90-AD11-D22-C20-L200-Z03-H** | ● | 22 | 3 | 20 | 200 | 15 | 9 | | | |
| **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 | | 3008-M2.5x6 | |
| **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-AD1505-D25-W25-L150-Z02
Kesme Hesabı : S 377/ *Cutting Calculation : P 377* / *Schnittberechnung : P 377*



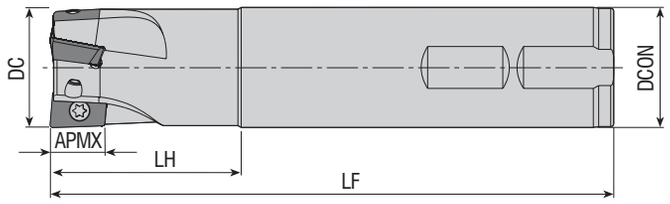

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | 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 / *Rechtsl* 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 377/ *Cutting Calculation : P 377* / *Schnittberechnung : P 377*

**KAPR=90°**



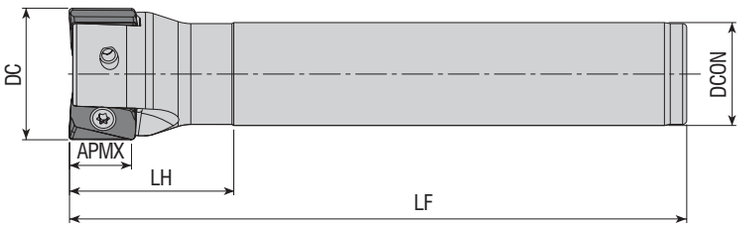



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | LH | APMX |  |  |  |
| AEM90-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 | |

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

**KAPR=90°**





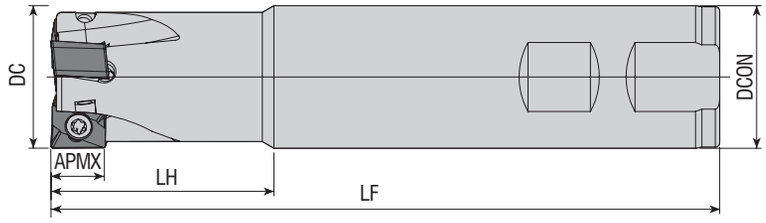

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | LH | APMX |  |  |  |
| 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 AEM90-AD1003-D16-C16-L150-Z02
Kesme Hesabı : S 377/ *Cutting Calculation : P 377* / *Schnittberechnung : P 377*

**KAPR=90°**



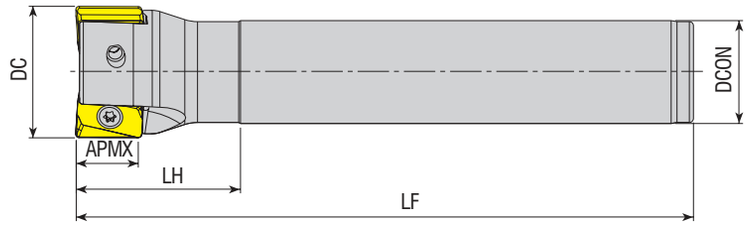



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 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 | | | |

XTC-GSC Ucuna Uygundur. / Compatible with XTC-GSC Insert. / Kompatibel mit XTC-GSC Wendeplatten.

**KAPR=90°**



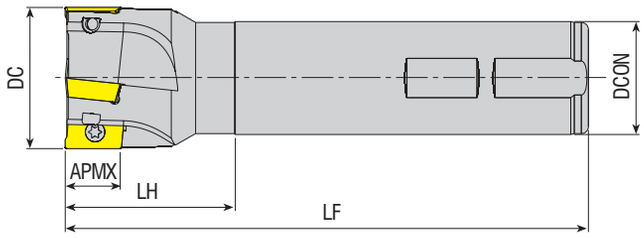



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | LH | APMX |  |  |  |
| **AEM90-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-AN1207-D25-W25-L150-Z02
Kesme Hesabı : S 377/ *Cutting Calculation : P 377* / *Schnittberechnung : P 377*



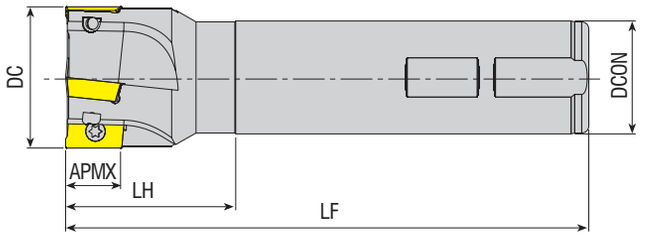

| Takım Kodu *Ordering Code* Bestell-Bezeichnung | Stok *Stock* Lager | Takım Ölçüleri (mm) *Dimension (mm)* Abmessung (mm) | | | | | | Kesici Uç *Insert* Wendeschneidplatte | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* Schraube | Tork Anahtar *Torx Key* Torx-Schlüssel |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | LH | APMX |  |  |  |
| AEM90-AP06-D10-C10-L120-Z02 | ● | 10 | 2 | 10 | 120 | 20 | 5.6 | **APMT 0602..** KRLY UCUNA UYGUNDUR. *FOR KRLY INSERT.* *Kompatibel mit KRLY* | 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 | | | |
| AEM90-AP0903-D16-C16-L090-Z02 | ● | 16 | 2 | 16 | 90 | 30 | 9 | | 3008-M2.5x5 | |
| 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 | **APMT 0903..** | | |
| AEM90-AP0903-D20-C20-L110-Z03 | ● | 20 | 3 | 20 | 110 | 30 | 9 | | | |
| AEM90-AP0903-D20-C20-L150-Z02 | ● | 20 | 2 | 20 | 150 | 30 | 9 | KRLY UCUNA UYGUNDUR. *FOR KRLY INSERT.* *Kompatibel mit KRLY* | | |
| AEM90-AP0903-D20-C20-L200-Z02 | ● | 20 | 2 | 20 | 200 | 100 | 9 | | 3008-M2.5x6 | |
| 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 | | | |
| AEM90-AP09-D16-C16-L100-Z02-H | ● | 16 | 2 | 16 | 100 | 30 | 8.8 | | | |
| 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 | | 3008-M2.5x5 | |
| 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 | **APKT 09T3..** | | |
| 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 | TGTC UCUNA UYGUNDUR. *FOR TGTC INSERT.* *Kompatibel mit TGTC* | | |
| 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 | | 3008-M2.5x6 | |
| AEM90-AP09-D21-C20-L150-Z03 | ● | 21 | 3 | 20 | 150 | 25 | 8.8 | | | |
| new 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-AP10-D10-C10-L100-Z01 | ● | 10 | 1 | 10 | 100 | 20 | 10 | | | |
| 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 | **AP.. 1003..** | | |
| 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 | ISO UCUNA UYGUNDUR. *FOR ISO INSERT.* *Kompatibel mit ISO* | 3008-M2.5x5 | |
| AEM90-AP10-D16-C16-L100-Z02-H | ● | 16 | 2 | 16 | 100 | 30 | 10 | | | |
| new 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 | | | |
| new 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 | | | |

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 AEM90-AP06-D10-C10-L120-Z02
Kesme Hesabı : S 377/ *Cutting Calculation : P 377* / *Schnittberechnung : P 377*

**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-AP10-D16-C16-L150-Z02 | ● | 16 | 2 | 16 | 150 | 50 | 10 | **AP.. 1003..** **ISO UCUNA UYGUNDUR.** *FOR ISO INSERT.* *Kompatibel mit ISO* | 3008-M2.5x5 | 82-T08 |
| 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 | ● | 17 | 2 | 16 | 150 | 30 | 10 | | | |
| new AEM90-AP10-D17-C16-L150-Z02 | ● | 17 | 2 | 16 | 250 | 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 | | | |
| new 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 | | | |
| new 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 | | | |
| 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 | | | |
| new AEM90-AP10-D20.5-C20-L90-Z03 | ● | 20.5 | 3 | 20 | 90 | 30 | 10 | | | |
| new AEM90-AP10-D21-C20-L150-Z03 | ● | 21 | 3 | 20 | 200 | 35 | 10 | | 3008-M2.5x6 | |
| AEM90-AP10-D21-C20-L200-Z03 | ● | 21 | 3 | 20 | 200 | 30 | 10 | | | |
| new 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 | | | |
| new 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 | | | |
| new AEM90-AP10-D25-W25-L95-Z04-H | ● | 25 | 4 | 25 | 95 | 30 | 10 | | | |
| new AEM90-AP10-D25-W25-L150-Z04-H | ● | 25 | 4 | 25 | 150 | 50 | 10 | | | |
| 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 | | | |
| new AEM90-AP10-D26-C25-L200-Z04 | ● | 26 | 4 | 25 | 200 | 35 | 10 | | | |

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

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

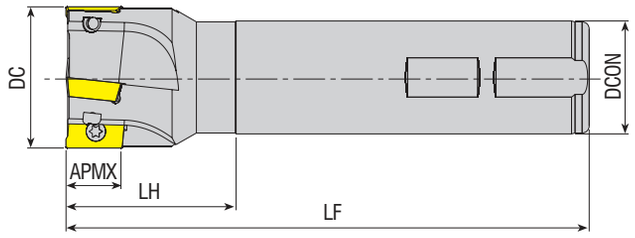
Sipariş Örneği/Ordering Example/*Bestellbeispiel*

1 ad./pcs./stück AEM90-AP10-D16-C16-L150-Z02

Kesme Hesabı : S 377/ *Cutting Calculation : P 377* / *Schnittberechnung : P 377*

**KAPR=90°**





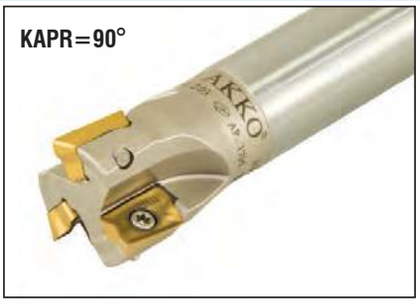

| Takım Kodu *Ordering Code* Bestell-Bezeichnung | Stok *Stock* Lager | Takım Ölçüleri (mm) *Dimension (mm)* Abmessung (mm) | | | | | | Kesici Uç *Insert* Wendeschneidplatte | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* Schraube | Tork Anahtar *Torx Key* Torx-Schlüssel |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | LH | APMX |  |  |  |
| AEM90-AP10-D30-C25-L100-Z04-H | ● | 30 | 4 | 25 | 100 | 30 | 10 | **AP.. 1003..** **ISO UCUNA UYGUNDUR.** *FOR ISO INSERT.* *Kompatibel mit ISO* | 3008-M2.5x6 | 82-T08 |
| 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 | | | |
| new AEM90-AP10-D32-C32-L170-Z04 | ● | 32 | 4 | 32 | 170 | 50 | 10 | | | |
| new 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-L150-Z04 | ● | 32 | 4 | 32 | 150 | 50 | 10 | | | |
| AEM90-AP10-D40-W32-L150-Z05 | ● | 40 | 5 | 32 | 150 | 40 | 10 | | | |
| AEM90-AP10D-D16-W16-L150-Z02 | ● | 16 | 2 | 16 | 150 | 50 | 10 | **AP.. 1003..** **DJT UCUNA UYGUNDUR.** *FOR DJT INSERT/ Kompatibel mit DJT* | 3008-M2.5x5 | |
| AEM90-AP10D-D20-W20-L150-Z03 | ● | 20 | 3 | 20 | 150 | 50 | 10 | | | |
| AEM90-AP10D-D25-W20-L150-Z03 | ● | 25 | 3 | 20 | 150 | 30 | 10 | | | |
| AEM90-AP10O-D16-C15-L150-Z02 | ● | 16 | 2 | 15 | 150 | 30 | 10 | **AP.. 1003..** **B.OKE UCUNA UYGUNDUR.** *FOR B.OKE INSERT* *Kompatibel mit B.OKE* | | |
| AEM90-AP10O-D21-C20-L150-Z03 | ● | 21 | 3 | 20 | 150 | 30 | 10 | | | |
| AEM90-AP10O-D26-C25-L150-Z04 | ● | 26 | 4 | 25 | 150 | 35 | 10 | | | |
| AEM90-AP10O-D33-C32-L200-Z05 | ● | 33 | 5 | 32 | 200 | 50 | 10 | | | |
| AEM90-AP10S-D16-W16-L150-Z02 | ● | 16 | 2 | 16 | 150 | 26 | 10 | **AP.. 1003..** **SMTM UCUNA UYGUNDUR.** *FOR SMTM INSERT* *Kompatibel mit SMTM* | | |
| AEM90-AP10S-D20-W20-L150-Z02 | ● | 20 | 2 | 20 | 150 | 26 | 10 | | | |
| AEM90-AP10S-D25-W25-L150-Z03 | ● | 25 | 3 | 25 | 150 | 26 | 10 | | | |
| AEM90-AP11-D16-C16-L150-Z02 | ● | 16 | 2 | 16 | 150 | 50 | 11 | **AP. 11T3..** **ZCC UCUNA UYGUNDUR.** *FOR ZCC INSERT.* *Kompatibel mit ZCC Wendeplatten.* | 3008-M2.5x6 | |
| 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 | | | |
| new 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 | | | |
| new 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 | | | |

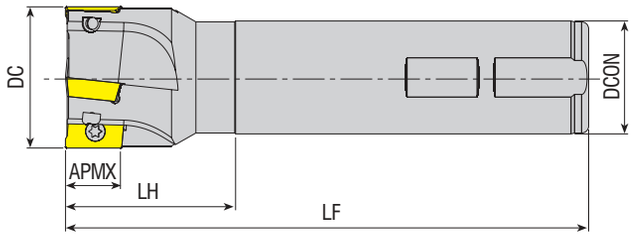
R: Sağ / Right / *Rechts* L: Sol/Left/*Links* / ● Stokta / In Stock /*Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AEM90-AP10-D30-C25-L100-Z04-H

Kesme Hesabı : S 377/ *Cutting Calculation : P 377* / *Schnittberechnung : P 377*

**KAPR=90°**

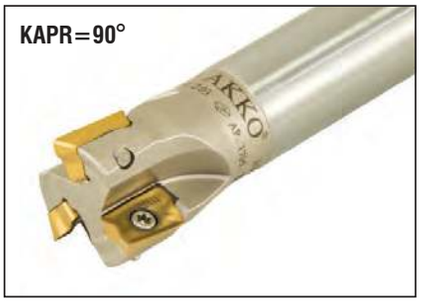


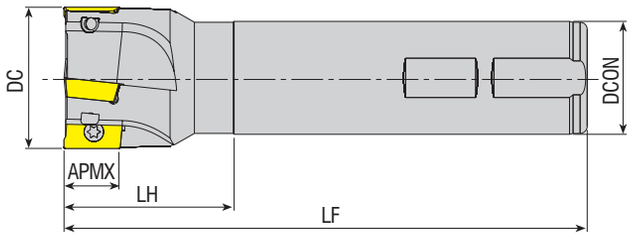



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | LH | APMX |  |  |  |
| AEM90-AP1135A-D14-C16-L150-Z01 | ● | 14 | 1 | 16 | 150 | 40 | 9.5 | **APMT 1135..** **ACHTK UCUNA UYGUNDUR.** *FOR ACHTK INSERT.* *Kompatibel mit ACHTK* | 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 | | | |
| AEM90-AP110-D16-C15-L150-Z02 | ● | 16 | 2 | 15 | 150 | 30 | 11 | **AP.. 1135..** **B.OKE UCUNA UYGUNDUR.** *FOR B.OKE INSERT* *Kompatibel mit B.OKE* | 3008-M2.5x5 | |
| AEM90-AP110-D21-C20-L150-Z03 | ● | 21 | 3 | 20 | 150 | 30 | 11 | | 3008-M2.5x6 | |
| AEM90-AP110-D26-C25-L150-Z04 | ● | 26 | 4 | 25 | 150 | 35 | 11 | | | |
| AEM90-AP110-D33-C32-L200-Z05 | ● | 33 | 5 | 32 | 200 | 50 | 11 | | | |
| AEM90-APK11G-D16-W16-L150-Z02 | ● | 16 | 2 | 16 | 150 | 26 | 11 | **APKT 1135..** **XTC-GSC UCUNA UYGUNDUR.** *FOR XTC-GSC INSERT* *Kompatibel mit XTC-GSC* | 3008-M3x5 | |
| AEM90-APK11G-D20-W20-L150-Z03 | ● | 20 | 3 | 20 | 150 | 26 | 11 | | 3008-M3x6 | |
| AEM90-APK11G-D25-W25-L150-Z03 | ● | 25 | 3 | 25 | 150 | 26 | 11 | | | |
| AEM90-AP1135-D16-W16-L110-Z02-H | ● | 16 | 2 | 16 | 110 | 30 | 9.5 | **AP.. 1135..** **XTC-GSC UCUNA UYGUNDUR.** *FOR XTC-GSC INSERT.* *Kompatibel mit XTC-GSC* | 3008-M2.5x6 | |
| 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 | | | |
| AEM90-AP1135Y-D16-C16-L120-Z02-H | ● | 16 | 2 | 16 | 120 | 30 | 9.5 | **APMT 1135..** **YG UCUNA UYGUNDUR.** *FOR YG INSERT.* *Kompatibel mit YG* | | |
| 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-AP1204-D20-C20-L150-Z02 | ● | 20 | 2 | 20 | 150 | 30 | 12 | **AP.. 1204..** **TGTC UCUNA UYGUNDUR.** *FOR TGTC INSERT.* *Kompatibel mit TGTC* | 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 | | | |
| new AEM90-AP1204-D22-C20-L200-Z02 | ● | 22 | 2 | 20 | 200 | 30 | 12 | | | |
| AEM90-AP1204-D25-C25-L150-Z03 | ● | 25 | 3 | 25 | 150 | 40 | 12 | | 3010-M3.5x9 | |
| new 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 | | | |

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 AEM90-AP1135A-D14-C16-L150-Z01
Kesme Hesabı : S 377/ *Cutting Calculation : P 377* / *Schnittberechnung : P 377*



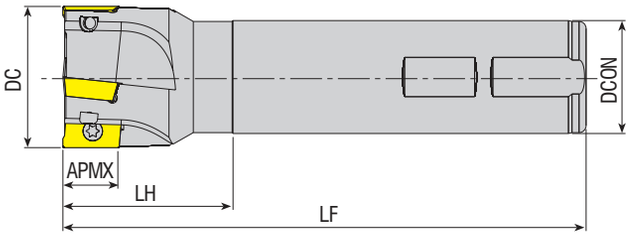

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | LH | APMX |  | Sıkma Vidası *Screw* *Schraube*  | Tork Anahtar *Torx Key* *Torx-Schlüssel*  |
| AEM90-AP16-D25-C20-L100-Z02 | ● | 25 | 2 | 20 | 100 | 35 | 16 | **AP. 1604..** **ISO UCUNA UYGUNDUR.** *FOR ISO INSERT* *Kompatibel mit ISO* | 4015-M4x9 | 80-T15 |
| 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 | | | |
| 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-W32-L110-Z03-H | ● | 32 | 3 | 32 | 110 | 40 | 16 | | | |
| AEM90-AP16-D32-C32-L150-Z03 | ● | 32 | 3 | 32 | 150 | 50 | 16 | | | |
| 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 | | | |
| 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 | | | |
| AEM90-AP16DJ-D25-W25-L150-Z02 | ● | 25 | 2 | 25 | 150 | 50 | 16 | **AP. 1604..** **DJT UCUNA UYGUNDUR.** *FOR DJT INSERT.* *Kompatibel mit DJT* | 4015-M4x9 | |
| 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 | | | |
| AEM90-AP16L-D25-C25-L120-Z02-H | ● | 25 | 2 | 25 | 120 | 45 | 16 | **AP. 1604..** **LMN UCUNA UYGUNDUR.** *FOR LMN INSERT.* *Kompatibel mit LMN* | | |
| 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 | | | |
| new AEM90-AP16L-D36-W32-L130-Z03 | ● | 36 | 3 | 32 | 130 | 40 | 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 | | | |

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 AEM90-AP16-D25-C20-L100-Z02
Kesme Hesabı : S 377/ *Cutting Calculation : P 377* / *Schnittberechnung : P 377*

**KAPR=90°**

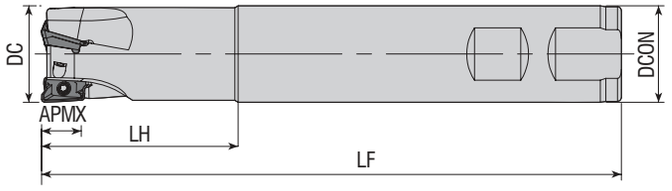





| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* | | | | | | Kesici Uç / *Insert* / *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* — Sıkma Vidası / *Screw* / *Schraube* | Tork Anahtar / *Torx Key* / *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | LH | APMX |  |  |  |
| AEM90-AP16P-D25-W25-L100-Z02-H | ● | 25 | 2 | 25 | 100 | 35 | 16 | **AP.. 1604.. PLBT UCUNA UYGUNDUR.** *FOR PLBT INSERT.* *Kompatibel mit PLBT* | 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 | | | |
| AEM90-AP16Y-D25-C20-L100-Z02-H | ● | 25 | 2 | 20 | 100 | 35 | 16 | **AP.. 1604.. YG UCUNA UYGUNDUR.** *FOR YG INSERT.* *Kompatibel mit YG* | | |
| 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 | | | |
| AEM90-AP1705-D25-C25-L120-Z02 | ● | 25 | 2 | 25 | 120 | 40 | 16 | **AP.. 1705.. TGTC-LMN UCUNA UYGUNDUR.** *FOR TGTC-LMN INSERT.* *Kompatibel mit TGTC-LMN* | | |
| 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 | | | |

**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-AO1236-D16-W16-L150-Z02 | ● | 16 | 2 | 16 | 150 | 50 | 10 | **AO..1236..** | 3008-M2.5x6 | 82-T08 |
| new AEM90-AO1236-D16-C16-L160-Z02-H | ● | 16 | 2 | 16 | 160 | 25 | 10 | | | |
| new AEM90-AO1236-D17-C16-L150-Z02-H | ● | 17 | 2 | 16 | 150 | 25 | 10 | | | |
| new AEM90-AO1236-D18-C16-L160-Z02-H | ● | 18 | 2 | 16 | 160 | 25 | 10 | | | |
| new 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 | | | |
| new AEM90-AO1236-D21-C20-L220-Z03-H | ● | 21 | 3 | 20 | 220 | 30 | 10 | | | |
| new 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 | | | |
| new 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 | | | |
| new AEM90-AO1236-D26-C25-L150-Z04-H | ● | 26 | 4 | 25 | 150 | 35 | 10 | | | |
| new 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 | | | |
| new AEM90-AO1236-D32-C32-L160-Z05-H | ● | 32 | 5 | 32 | 160 | 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*

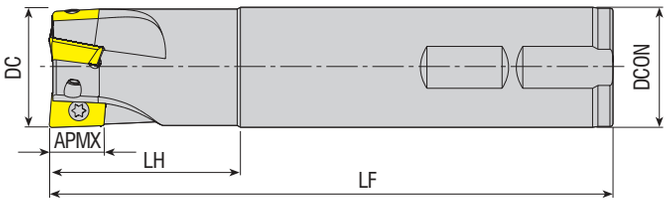
MTSBH Ucuna Uygundur. / Compatiple with MTSBH Insert. / Kompatibel mit MTSBH Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*

1 ad./pcs./stück AEM90-AP16P-D25-W25-L100-Z02-H

Kesme Hesabı : S 367 / *Cutting Calculation : P 367* / *Schnittberechnung : P 367*



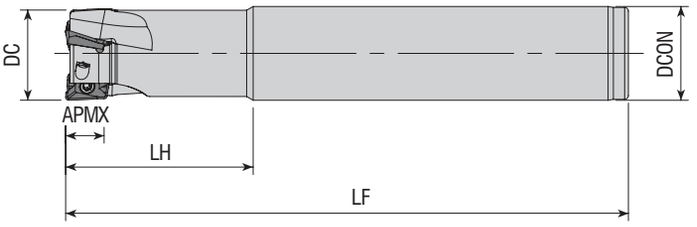

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 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 | | | |
| AEM90-AX0903-D16-C16-L180-Z02 | ● | 16 | 2 | 16 | 180 | 30 | 8.8 | | 3008-M2.5x5 | |
| 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 | | | |
| AEM90-AX0903-D20-C20-L200-Z02 | ● | 20 | 2 | 20 | 200 | 30 | 8.8 | **AX.. 0903** | 3008-M2.5x6 | 82-T08 |
| 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 | | | |

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 377/ *Cutting Calculation : P 377* / *Schnittberechnung : P 377*





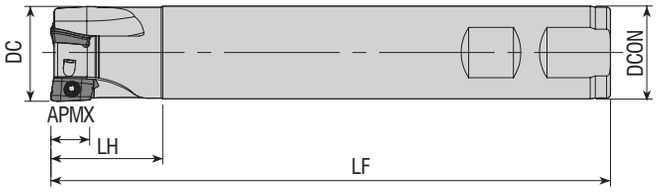




| Takım Kodu *Ordering Code* Bestell-Bezeichnung | Stok *Stock* Lager | Takım Ölçüleri (mm) *Dimension (mm)* Abmessung (mm) | | | | | | Kesici Uç *Insert* Wendeschneidplatte | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Sıkma Vidası *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 | **AX.T 1235..** | 3008-M3x6 | 82-T08 |
| **AEM90-AX1235-D16-C15-L145-Z02-H** | ● | 16 | 2 | 15 | 145 | 30 | 10 | | 3108-M3x6 | |
| **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 | | 3008-M3x6 | |
| **AEM90-AX1235-D16-C16-L145-Z02-H** | ● | 16 | 2 | 16 | 145 | 30 | 10 | | 3108-M3x6 | |
| **AEM90-AX1235-D16-C16-L150-Z02** | ● | 16 | 2 | 16 | 150 | 30 | 10 | | 3008-M3x6 | |
| **AEM90-AX1235-D20-C19-L150-Z02-H** | ● | 20 | 2 | 19 | 150 | 40 | 10 | | 3108-M3x6 | |
| **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 | | 3008-M3x6 | |
| **AEM90-AX1235-D20-C20-L150-Z02-H** | ● | 20 | 2 | 20 | 150 | 40 | 10 | | 3108-M3x6 | |
| **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 | | 3008-M3x6 | |
| **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 | | 3108-M3x6 | |
| **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 | | 3008-M3x6 | |
| **AEM90-AX1235-D25-C25-L170-Z02-H** | ● | 25 | 2 | 25 | 170 | 50 | 10 | | 3108-M3x6 | |
| **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 | **AX.T 1705..** | 4015-M4x9 | 80-T15 |
| **AEM90-AX1705-D28-W25-L115-Z02-H** | ● | 28 | 2 | 25 | 115 | 35 | 14 | | | |
| **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 377/ *Cutting Calculation : P 377* / *Schnittberechnung : P 377*



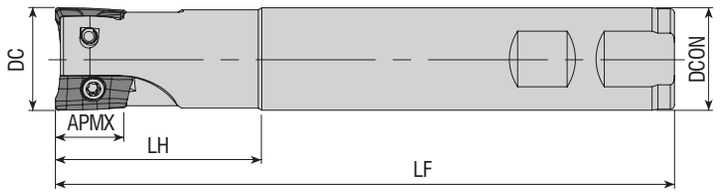




| Takım Kodu *Ordering Code* Bestell-Bezeichnung | Stok *Stock* Lager | Takım Ölçüleri (mm) *Dimension (mm)* Abmessung (mm) | | | | | | Kesici Uç *Insert* Wendeschneidplatte | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | 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 377/ *Cutting Calculation : P 377* / *Schnittberechnung : P 377*



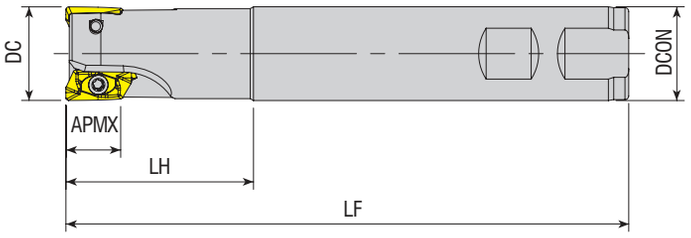

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | LH | APMX |  |  |  |
| AEM90-BD11T3-D16-C16-L100-Z02-H | ● | 16 | 2 | 16 | 100 | 30 | 10 | | | |
| 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 | | 3008-M2.5x5 | |
| 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 | | | |
| new 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 | **BDMT 11T3..** | | |
| 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 | 82-T08 |
| 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 | | | |
| new 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 | | | |
| 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 | **BDMT 1704..** | 4015-M4x8 | 80-T15 |
| 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 | | | |

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-C16-L100-Z02-H
Kesme Hesabı : S 367 / *Cutting Calculation : P 367* / *Schnittberechnung : P 367*

**KAPR=90°**



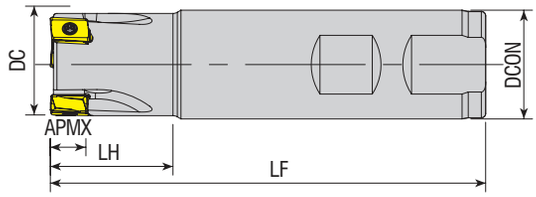



| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* | | | | | | Kesici Uç / *Insert* / *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | LH | APMX |  | Sıkma Vidası / *Screw* / *Schraube*  | Tork Anahtar / *Torx Key* / *Torx-Schlüssel*  |
| **AEM90-ED10T3-D16-W16-L120-Z02** | ● | 16 | 2 | 16 | 120 | 30 | 30 | **EDPT 10T3..** | 3008-M2.5x5 | 82-T08 |
| **AEM90-ED10T3-D20-W20-L120-Z02** | ● | 20 | 2 | 20 | 120 | 30 | 30 | | 3008-M2.5x6 | |
| **AEM90-ED1404-D20-W20-L150-Z02** | ● | 20 | 2 | 20 | 150 | 50 | 14.5 | | | |
| **AEM90-ED1404-D25-W25-L150-Z02** | ● | 25 | 2 | 25 | 150 | 50 | 14.5 | **EDPT 1404..** | 3008-M3x6 | |
| **AEM90-ED1404-D30-C25-L150-Z03** | ● | 30 | 3 | 25 | 150 | 50 | 14.5 | | | |

KNMTL Ucuna Uygundur. / Compatibel with KNMTL Insert. / Kompatibel mit KNMTL

**KAPR=90°**





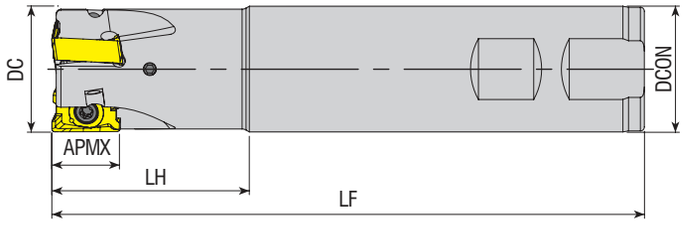

| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* | | | | | | Kesici Uç / *Insert* / *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | LH | APMX |  | Sıkma Vidası / *Screw* / *Schraube*  | Tork Anahtar / *Torx Key* / *Torx-Schlüssel*  |
| **AEM90-LN08-D16-W16-L100-Z02-H** | ● | 16 | 2 | 16 | 100 | 28 | 8 | | 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 | **LNMT 0804..** | 1707-U4-48x6.5 | |
| **AEM90-LN08-D25-W25-L100-Z03-H** | ● | 25 | 3 | 25 | 100 | 30 | 8 | | 1707-U4-48x8.2 | |
| **AEM90-LN08-D32-W32-L110-Z05-H** | ● | 32 | 5 | 32 | 110 | 30 | 8 | | | |
| new **AEM90-LN1306-D32-W32-L150-Z03** | ● | 32 | 3 | 32 | 150 | 50 | 12.5 | **LNMT 1306..** | 4015-M4x11 | 80-T15 |
| new **AEM90-LN1306-D36-C32-L110-Z03-H** | ● | 36 | 3 | 32 | 110 | 40 | 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*
ISCR Ucuna Uygundur. / Compatible with ISCR Insert. / Kompatibel mit ISCR Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AEM90-ED10T3-D16-W16-L120-Z02
Kesme Hesabı : S 377/ *Cutting Calculation : P 377* / *Schnittberechnung : P 377*

**KAPR=90°**



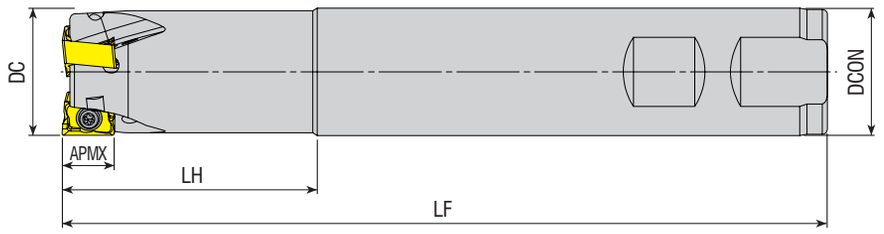



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 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 | | | |

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

**KAPR=90°**





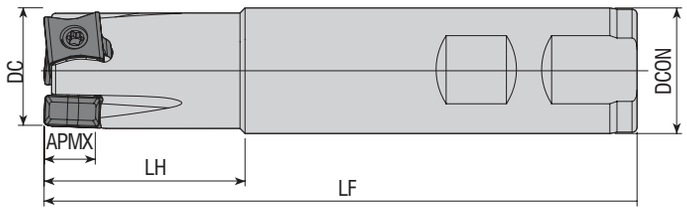

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | LH | APMX |  |  |  |
| AEM90-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*
KRYL Ucuna Uygundur. / Compatible with KRYL Insert. / Kompatibel mit KRLY Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AEM90-LN15T6-D25-W25-L150-Z02-H
Kesme Hesabı : S 377/ *Cutting Calculation : P 377* / *Schnittberechnung : P 377*

**KAPR=90°**





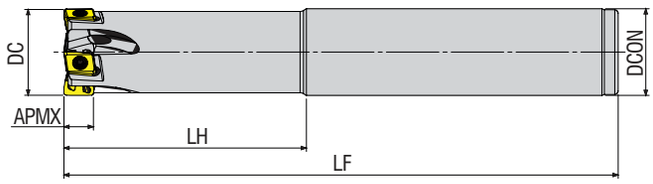

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 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 | | | |

ISCR-XTC-GSC Ucuna Uygundur. / Compatible with ISCR-XTC-GSC Insert. / Kompatibel mit ISCR-XTC-GSC 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* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | LH | APMX |  |  |  |
| **AEM90-LO09-D16-C16-L160-Z02-H** | ○ | 16 | 2 | 16 | 160 | 60 | 8 | **LOGU 0904..** | 1110-M3x8.5 | 82-T08 |
| **AEM90-LO09-D18-C16-L160-Z02-H** | ○ | 18 | 2 | 16 | 160 | 25 | 8 | | | |
| **AEM90-LO09-D20-C20-L160-Z03-H** | ○ | 20 | 3 | 20 | 160 | 60 | 8 | | | |
| **AEM90-LO09-D20-W20-L100-Z03-H** | ● | 20 | 3 | 20 | 100 | 30 | 8 | | | |
| **AEM90-LO09-D22-C20-L160-Z03-H** | ○ | 22 | 3 | 20 | 160 | 30 | 8 | | | |
| **AEM90-LO09-D25-C25-L160-Z04-H** | ○ | 25 | 4 | 25 | 160 | 70 | 8 | | | |
| **AEM90-LO09-D25-W25-L091-Z03-H** | ● | 25 | 3 | 25 | 91 | 30 | 8 | | | |
| **AEM90-LO09-D32-C32-L160-Z05-H** | ● | 32 | 5 | 32 | 160 | 70 | 8 | | | |

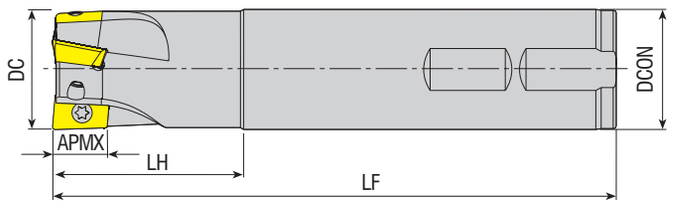
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
MTSBH Ucuna Uygundur. / Compatible with MTSBH Insert. / Kompatibel mit MTSBH Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AEM90-LN1106-D25-W25-L150-Z03
Kesme Hesabı : S 377/ *Cutting Calculation : P 377* / *Schnittberechnung : P 377*

new

**KAPR=90°**



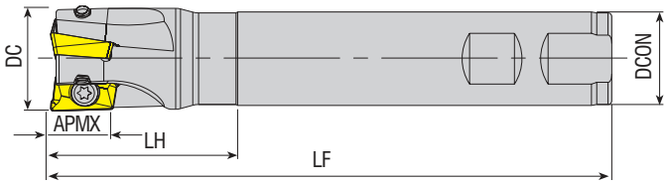



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| | | DC | ZEFP | DCON | LF | LH | APMX |  |  |  |
| 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 | | | |

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-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 | | | |
| 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 | | 3008-M2.5x6 | |
| 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 | |
| new 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*

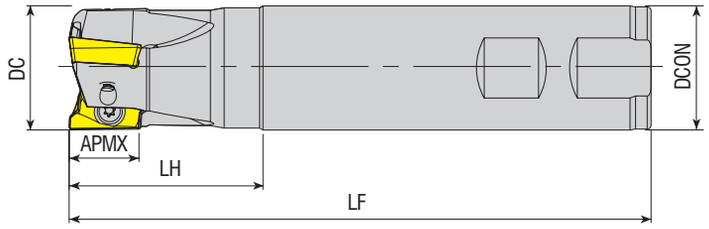
SNDVK Ucuna Uygundur. / Compatible with SNDVK Insert. / Kompatibel mit SNDVK Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*

1 ad./pcs./stück AEM90-LO10-D16-W16-L100-Z02

Kesme Hesabı : S 377/ *Cutting Calculation : P 377* / *Schnittberechnung : P 377*




| Takım 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 | **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.

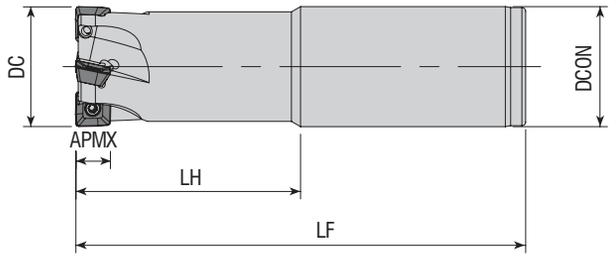
Sipariş Örneği/Ordering Example/*Bestellbeispiel*

1 ad./pcs./stück AEM90-RT07-D10-W10-L120-Z02

Kesme Hesabı : S 377/ *Cutting Calculation : P 377* / *Schnittberechnung : P 377*

**KAPR=90°**



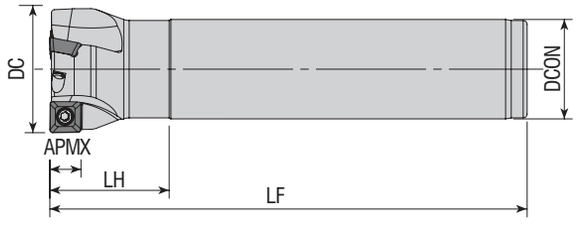



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | LH | APMX |  |  |  |
| **AEM90-SE09-D25-C25-L120-Z03-H** | ● | 25 | 3 | 25 | 120 | 60 | 6.7 | **SEET 09T3..** | 3008-M3x8 | 82-T08 |
| **AEM90-SE09-D25-C25-L150-Z02** | ● | 25 | 2 | 25 | 150 | 50 | 6.7 | | | |
| **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 | | | |

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

**KAPR=90°**



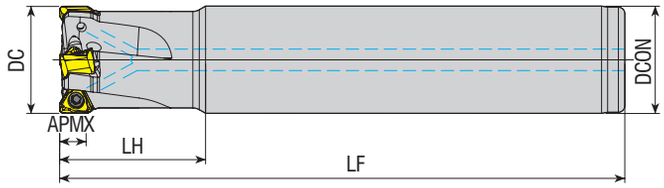



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | LH | APMX |  |  |  |
| **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 | | | |

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-SE09-D25-C25-L120-Z03-H
Kesme Hesabı : S 377/ *Cutting Calculation : P 377* / *Schnittberechnung : P 377*



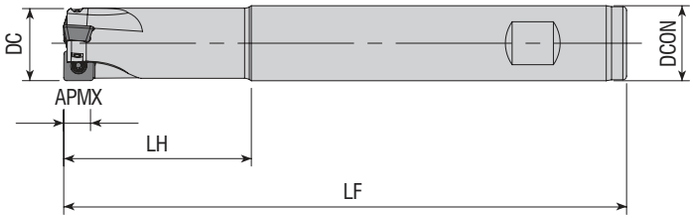

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | LH | APMX |  | Sıkma Vidası *Screw* *Schraube*  | Tork Anahtar *Torx Key* *Torx-Schlüssel*  |
| new AEM90-TNG10-D20-W20-L90-Z02-H | ● | 20 | 2 | 20 | 90 | 32 | 5 | **TNGX 1004..** | 3008-M2.5x6 | 82-T08 |
| new 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 | | | |
| new AEM90-TNG10-D25-W25-L100-Z03-H | ● | 25 | 4 | 25 | 100 | 42 | 5 | | | |
| new 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 | | | |
| new AEM90-TNG10-D28-W25-L100-Z04-H | ● | 28 | 4 | 25 | 100 | 29 | 5 | | | |
| new AEM90-TNG10-D32-W32-L110-Z04-H | ● | 32 | 4 | 32 | 110 | 42 | 5 | | | |
| new 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-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 377/ *Cutting Calculation : P 377* / *Schnittberechnung : P 377*

**KAPR=90°**



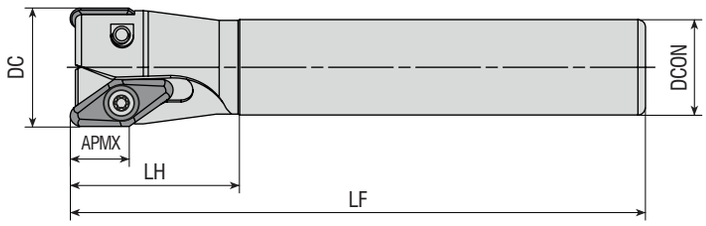


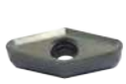

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | 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 |

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

**KAPR=90°**





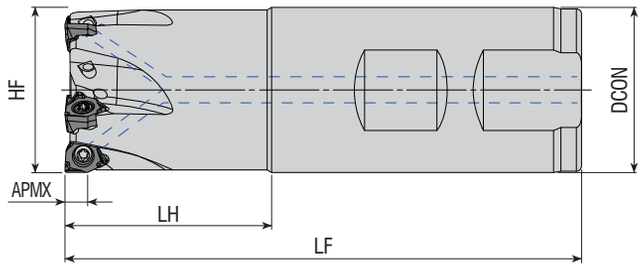

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | LH | APMX |  | Sıkma Vidası *Screw* *Schraube*  | Tork Anahtar *Torx Key* *Torx-Schlüssel*  |
| AEM90-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-SPGT0602-D16-W16-L150-Z02
Kesme Hesabı : S 377/ *Cutting Calculation : P 377* / *Schnittberechnung : P 377*

**KAPR=90°**



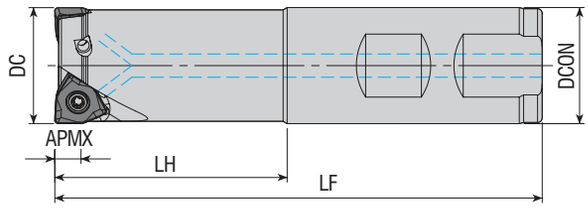



| Takım Kodu / Ordering Code / Bestell-Bezeichnung | Stok / Stock / Lager | Takım Ölçüleri (mm) / Dimension (mm) / Abmessung (mm) | | | | | | Kesici Uç / Insert / Wendeschneidplatte | Yedek Parçaları / Spare Parts / Ersatzteile: Sıkma Vidası / Screw / Schraube | Tork Anahtar / Torx Key / Torx-Schlüssel |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | LH | APMX | | | |
| new AEM90-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 | | | |
| new 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 | | | |
| new 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 | | | |
| new 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 | | | |
| new 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 | | | |
| new 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 | | | |

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 | | | |
| 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 | | | |

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

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

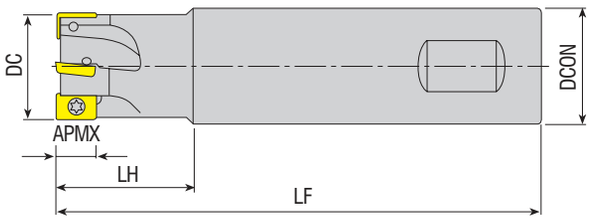
ZCC Ucuna Uygundur. / Compatible with ZCC Insert. / Kompatibel mit ZCC Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*

1 ad./pcs./stück AEM90-WNG04-D20-W20-L81-Z02-H

Kesme Hesabı : S 377/ *Cutting Calculation : P 377* / *Schnittberechnung : P 377*

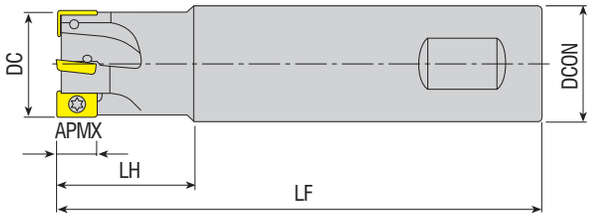



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | LH | APMX |  |  |  |
| AEM90-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 | | | |

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



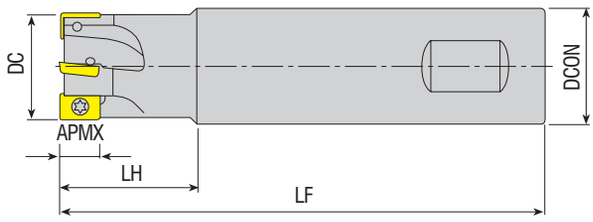

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | LH | APMX |  |  |  |
| 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 | | | |

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-XD11T3-D16-W16-L150-Z02
Kesme Hesabı : S 377/ *Cutting Calculation : P 377* / *Schnittberechnung : P 377*

**KAPR=90°**



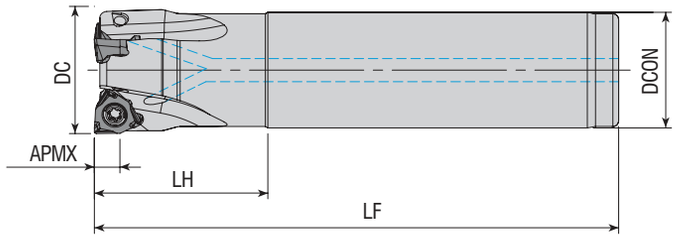



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | LH | APMX |  | Sıkma Vidası *Screw* *Schraube*  | Tork Anahtar *Torx Key* *Torx-Schlüssel*  |
| **AEM90-XO06-D10-C12-L120-Z02** | ● | 10 | 2 | 12 | 120 | 50 | 5 | **XO.. 0602..** | 3006-M1.8x4 | 82-T06 |
| **AEM90-XO06-D12-C12-L120-Z02** | ● | 12 | 2 | 12 | 120 | 25 | 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-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-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 | | | |

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

**KAPR=90°**





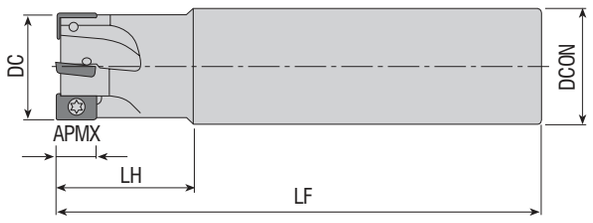

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | 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 |
| **AEM90-XN0403-D22-C20-L110-Z03-H** | ● | 22 | 3 | 20 | 110 | 30 | 4 | | | |
| **AEM90-XN0806-D32-C32-L110-Z02-H** | ● | 32 | 2 | 32 | 110 | 40 | 7.5 | **XNEX 0806..** | 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*
SC Ucuna Uygundur. / Compatible with SC Insert. / Kompatibel mit SC Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AEM90-XO06-D10-C12-L120-Z02
Kesme Hesabı : S 377/ *Cutting Calculation : P 377* / *Schnittberechnung : P 377*

**KAPR=90°**



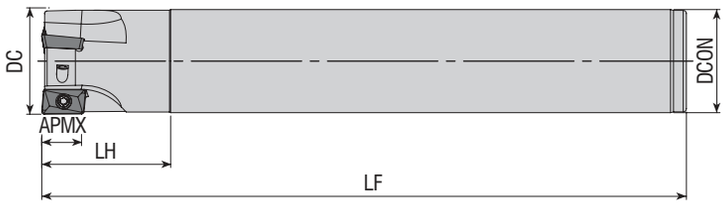



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | LH | APMX |  |  |  |
| AEM90-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 | | | |

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 | DCON | LF | LH | APMX |  |  |  |
| 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 | | | |

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

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

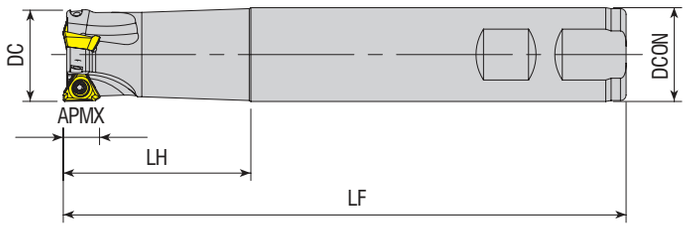
DJT Ucuna Uygundur. / Compatible with DJT Insert. / Kompatibel mit DJT Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*

1 ad./pcs./stück AEM90-ZC1003-D16-C14-L150-Z02

Kesme Hesabı : S 377/ *Cutting Calculation : P 377* / *Schnittberechnung : P 377*

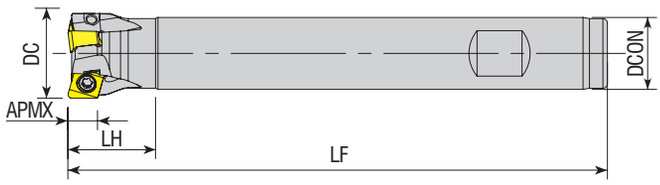



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | LH | APMX |  | Sıkma Vidası *Screw* *Schraube*  | Tork Anahtar *Torx Key* *Torx-Schlüssel*  |
| new 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 | 40 | 7 | **3PKT 1004** | 1108-M2.5x6 | 82-T08 |
| AEM90-3P1004-D21-C20-L200-Z02 | ● | 21 | 2 | 20 | 200 | 30 | 7 | | | |
| new AEM90-3P1004-D22-W20-L150-Z02 | ● | 22 | 2 | 20 | 150 | 30 | 7 | | | |
| AEM90-3P1004-D25-W25-L150-Z03 | ● | 25 | 3 | 25 | 150 | 40 | 7 | | | |
| AEM90-3P1505-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 | | | |

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* | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 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 | | | |
| new AEM90-4N06-D20-W20-L160-Z03 | ● | 20 | 3 | 20 | 160 | 25 | 6 | | | |

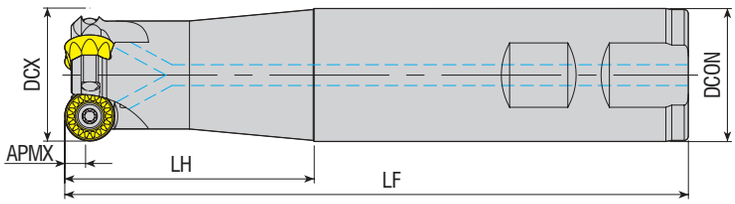
TGTC Ucuna Uygundur. / Compatible with TGTC Insert. / Kompatibel mit TGTC Wendeplatten.

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 AEM90-3P0603-D12-C12-L120-Z01-H
Kesme Hesabı : S 377/ *Cutting Calculation : P 377* / *Schnittberechnung : P 377*





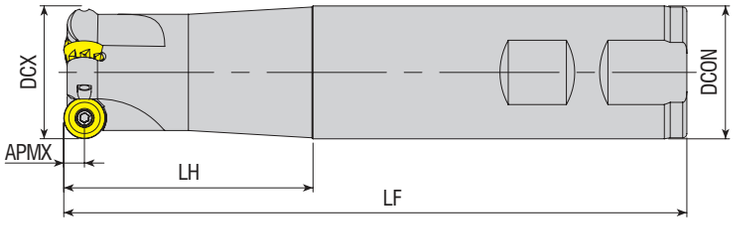

| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* | | | | | | Kesici Uç / *Insert* / *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 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 | | | | | |
| new **AEMR-RP1204M-D25-C25-L180-Z02** | ● | 25 | 2 | 25 | 180 | 50 | 6 | **RPMT 1204..** | 4015-M4x9 | - | - | |
| new **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 | | | | | |
| new **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 | | | | | |

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 377/ *Cutting Calculation : P 377* / *Schnittberechnung : P 377*



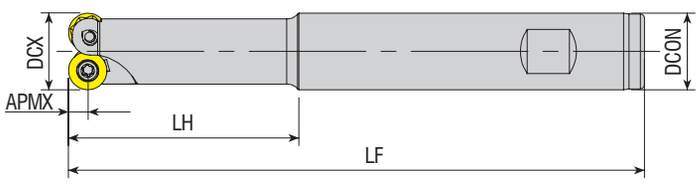





| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | 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 | | | | | |

CRTZT Ucuna Uygundur. / Compatibel with CRTZT Insert. / Kompatibel mit CRTZT Wendeplatten.



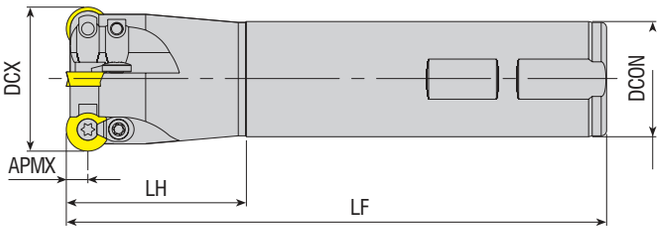



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | DCON | LF | 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 | |

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 AEMR-RP10T3-D25-W25-L125-Z02
Kesme Hesabı : S 377/ *Cutting Calculation : P 377* / *Schnittberechnung : P 377*





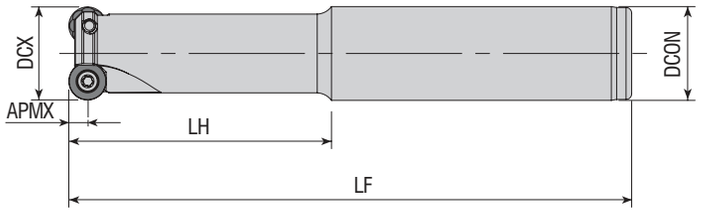

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 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 |  |  |  |  |  |
| 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 | | | 82-T08 |
| 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 | | | |
| 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 | | | | | |
| new 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 | | | ACK-15 | 4015-M3.5x11 | |
| AEMRC-RD10T3-D20-W20-L150-Z02 | ● | 20 | 2 | 20 | 150 | 60 | 5 | | | | | |
| new 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 | | | | | |
| AEMRC-RD10T3-D25-C25-L200-Z02-H | ● | 25 | 2 | 25 | 200 | 100 | 5 | | | | | |
| new AEMRC-RD10T3-D25-C32-L150-Z03 | ● | 25 | 3 | 32 | 150 | 50 | 5 | | | | | |
| AEMRC-RD10T3-D25-W25-L150-Z02 | ● | 25 | 2 | 25 | 150 | 60 | 5 | | | | | |
| new 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 | | | | | |
| new 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 | | | | | |
| new AEMRC-RD1204-D32-C32-L200-Z02 | ● | 32 | 2 | 32 | 200 | 100 | 6 | RD.. 1204 | | | | |
| 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 | | | | | |
| new 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./шт. AEMR-RD0501-D08-W10-L100-Z01-H
Kesme Hesabı : S 377/ *Cutting Calculation : P 377* / *Schnittberechnung : P 377*

## S-SİSTEM YÜZEY ve KOPYA PARMAK FREZELER
## *S-SYSTEM FACE and COPY END MILLS*
## *S-SYSTEM KOPIER- UND SCHAFTFRÄSER*



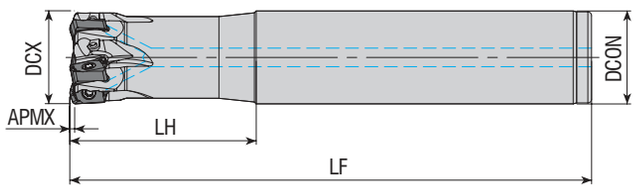



| Takım Kodu / Ordering Code / Bestell-Bezeichnung | Stok / Stock / Lager | Takım Ölçüleri (mm) / Dimension (mm) / Abmessung (mm) | | | | | | Kesici Uç / Insert / Wendeschneidplatte | Yedek Parçaları / Spare Parts / Ersatzteile: Sıkma Vidası / Screw / Schraube | Baskı Parçası / Wedge Clamp / Spannpratze | Baskı Vidası / Clamp Screw / Schraube | Tork Anahtar / Torx Key / Torx-Schlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | DCON | LF | LH | APMX |  |  |  |  |  |
| 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 | - | - | |

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

## S-SİSTEM HIZLI İLERLEMELİ PARMAK FREZELER
## *S-SYSTEM HIGHFEED END MILLS*
## *S-SYSTEM HOCHVORSCHUB- SCHAFTFRÄSER*






| Takım 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-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 | | | |

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

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

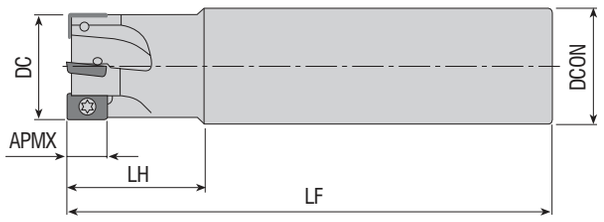
PRMT Ucuna Uygundur. / Compatible with PRMT Insert. / Kompatibel mit PRMT Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*

1 ad./pcs./stück AEMR-QP10T3-D20-C20-L150-Z01-H

Kesme Hesabı : S 377/ *Cutting Calculation : P 377* / *Schnittberechnung : P 377*

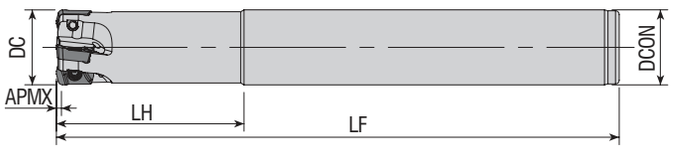





| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | LH | APMX |  |  |  |
| **AHFM-EO0602-D10-C10-L080-Z02** | ● | 10 | 2 | 10 | 80 | 20 | - | **EO.. 0602..** **ZOMT 0602..** | 3006-M1.8x4 | 82-T06 |
| **AHFM-EO0602-D10-C09-L120-Z02** | ● | 10 | 2 | 9 | 120 | 15 | - | | | |
| **AHFM-EO0602-D10-C10-L120-Z02** | ● | 10 | 2 | 10 | 120 | 60 | - | | | |
| **AHFM-EO0602-D12-C12-L080-Z02** | ● | 12 | 2 | 12 | 80 | 20 | - | | | |
| **AHFM-EO0602-D12-C12-L080-Z03** | ● | 12 | 3 | 12 | 80 | 20 | - | | | |
| **AHFM-EO0602-D12-C11-L120-Z02** | ● | 12 | 2 | 11 | 120 | 15 | - | | | |
| **AHFM-EO0602-D12-C11-L120-Z03** | ● | 12 | 3 | 11 | 120 | 15 | - | | | |
| **AHFM-EO0602-D12-C12-L120-Z02** | ● | 12 | 2 | 12 | 120 | 60 | - | | | |
| **AHFM-EO0602-D12-C12-L120-Z03** | ● | 12 | 3 | 12 | 120 | 60 | - | | | |
| **AHFM-EO0602-D16-C16-L150-Z04** | ● | 16 | 4 | 16 | 150 | 60 | - | | | |

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



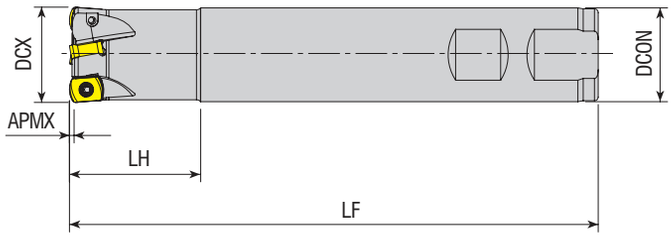



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | LH | APMX |  |  |  |
| new **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 | | | |
| **AHFM-EP1003-D25-C25-L250-Z04-H** | ● | 25 | 4 | 25 | 250 | 100 | 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-EO0602-D10-C10-L080-Z02
Kesme Hesabı : S 377/ *Cutting Calculation : P 377* / *Schnittberechnung : P 377*



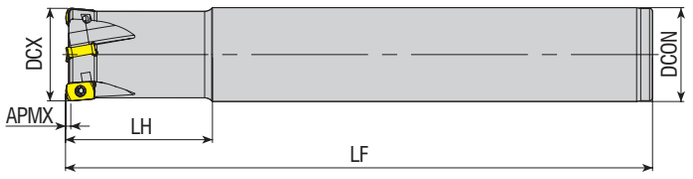



| Takım Kodu *Ordering Code* Bestell-Bezeichnung | Stok *Stock* Lager | Takım Ölçüleri (mm) *Dimension (mm)* Abmessung (mm) | | | | | | Kesici Uç *Insert* Wendeschneidplatte | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* Schraube | Tork Anahtar *Torx Key* Torx-Schlüssel |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | DCON | LF | LH | APMX |  |  |  |
| AHFM-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 | 30 | 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 | | | |
| new 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-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 | | | |
| new 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 377/ *Cutting Calculation : P 377* / *Schnittberechnung : P 377*





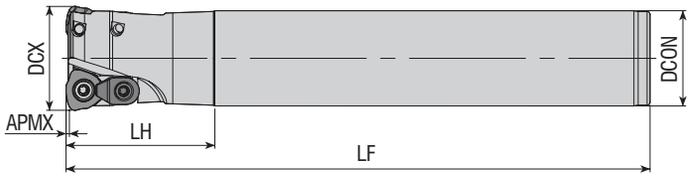

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | DCON | LF | LH | APMX |  |  |  |
| AHFM-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 | | | |
| AHFM-EN1004-D21-C20-L200-Z03 | ● | 21 | 3 | 20 | 200 | 30 | 1 | **ENMU 1004..** | 3008-M2.5x6 | 82-T08 |
| 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
Kesme Hesabı : S 377/ *Cutting Calculation : P 377* / *Schnittberechnung : P 377*





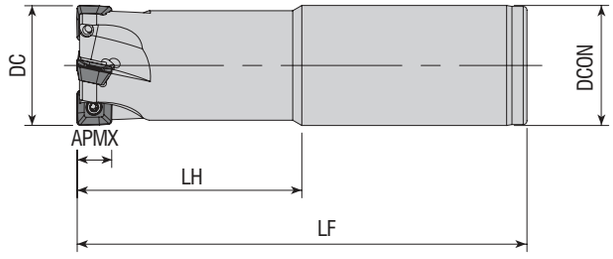



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | 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 | | | | | |

MTSBH Ucuna Uygundur. / Compatible with MTSBHInsert. / Kompatibel mit MTSBH Wendeplatten.





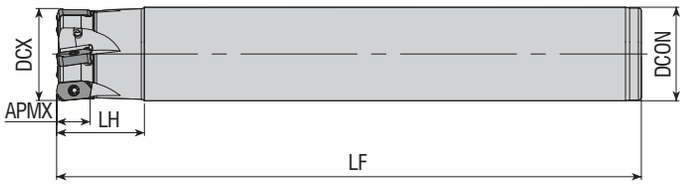



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | 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 | 2 | 20 | 160 | 30 | 1.2 | | | |
| **AHFM-SP0735-D21-C20-L160-Z03-H** | ● | 21 | 2 | 20 | 160 | 30 | 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 AHFMC-JD1204-D32-C32-L150-Z02
Kesme Hesabı : S 377/ *Cutting Calculation : P 377* / *Schnittberechnung : P 377*

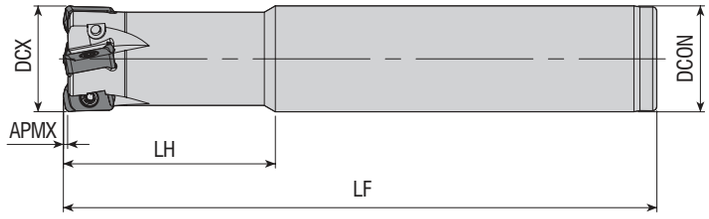





| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* | | | | | | Kesici Uç / *Insert* / *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 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 | 12 | **LNMU 0303..** | 3008-M2.5x6 | 82-T08 |
| AHFM-LN0303-D16-W16-L150-Z02-H | ● | 16 | 2 | 16 | 150 | 50 | 12 | | | |
| new AHFM-LN0303-D17-C16-L150-Z02-H | ● | 17 | 2 | 16 | 150 | 30 | 12 | | | |
| AHFM-LN0303-D20-W20-L150-Z03-H | ● | 20 | 3 | 20 | 150 | 50 | 12 | | | |
| AHFM-LN0303-D21-C20-L150-Z03 | ● | 21 | 3 | 20 | 150 | 30 | 12 | | | |
| AHFM-LN0303-D25-W25-L150-Z04-H | ● | 25 | 4 | 25 | 150 | 50 | 12 | | | |
| AHFM-LN0303-D26-C25-L150-Z04 | ● | 26 | 4 | 25 | 150 | 30 | 12 | | | |
| new AHFM-LN0303-D28-C25-L180-Z03 | ● | 28 | 3 | 25 | 180 | 30 | 12 | | | |
| AHFM-LN0303-D33-C32-L200-Z05 | ● | 33 | 5 | 32 | 200 | 30 | 12 | | | |

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-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-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.

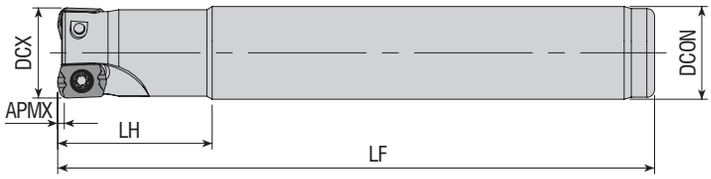
F: Der axiale und radiale Rundlaufwert liegt innerhalb von 0,02 mm.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*

1 ad./pcs./stück AHFM-LN0303-D16-C15-L150-Z02

Kesme Hesabı : S 377/ *Cutting Calculation : P 377* / *Schnittberechnung : P 377*

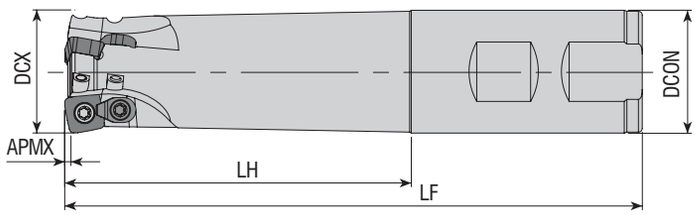





| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | 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 | | | |

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



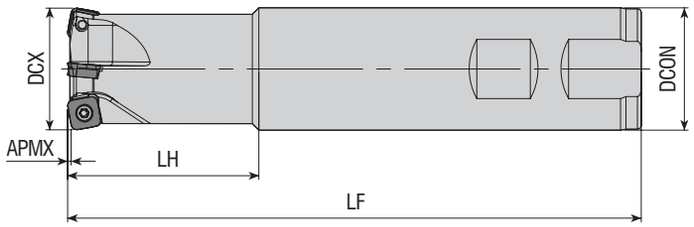



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | DCON | LF | LH | APMX |  | Sıkma Vidası *Screw* *Schraube*  | 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 | | | | | |

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 AHFM-LP0102-D10-C09-L120-Z02
Kesme Hesabı : S 377/ *Cutting Calculation : P 377* / *Schnittberechnung : P 377*

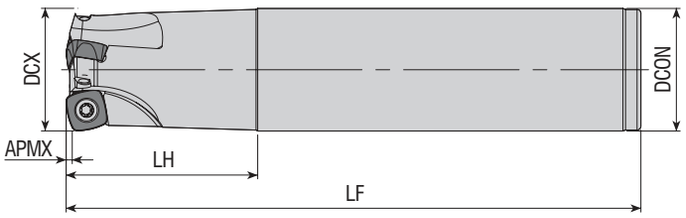





| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | DCON | LF | LH | APMX |  |  |  |
| **AHFM-SO0803-D20-W20-L150-Z02** | ● | 20 | 2 | 20 | 150 | 50 | - | **SOMW 0803..** | 4010-M3x8 | 82-T10 |
| **AHFM-SO0803-D25-W25-L150-Z03** | ● | 25 | 3 | 25 | 150 | 50 | - | | | |
| **AHFM-SO0803-D32-W32-L150-Z04** | ● | 32 | 4 | 32 | 150 | 50 | - | | | |

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



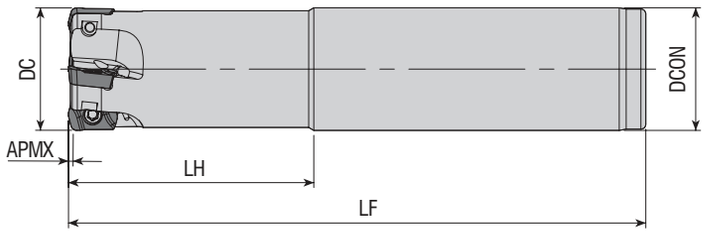



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | DCON | LF | LH | APMX |  |  |  |
| **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 | | | |

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-SO0803-D20-W20-L150-Z02
Kesme Hesabı : S 377/ *Cutting Calculation : P 377* / *Schnittberechnung : P 377*






| Takım 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-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 | | | |
| new 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 | | | |
| new 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 | | | |
| new AHFM-YP1003-D33-C32-L200-Z04-F | ● | 33 | 4 | 32 | 200 | 30 | 1 | | | |
| new AHFM-YP1003-D33-C32-L250-Z04-F | ● | 33 | 4 | 32 | 250 | 30 | 1 | | | |
| new 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. / Compatibel 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.

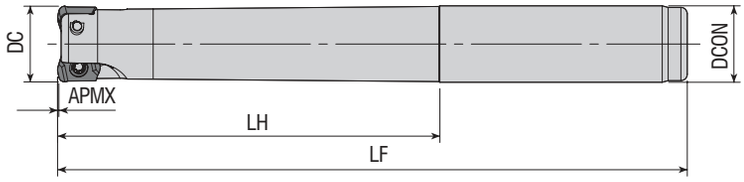
Sipariş Örneği/Ordering Example/*Bestellbeispiel*

1 ad./pcs./stück AHFM-YP1003-D16-C15-L150-Z02-F

Kesme Hesabı : S 377/ *Cutting Calculation : P 377* / *Schnittberechnung : P 377*



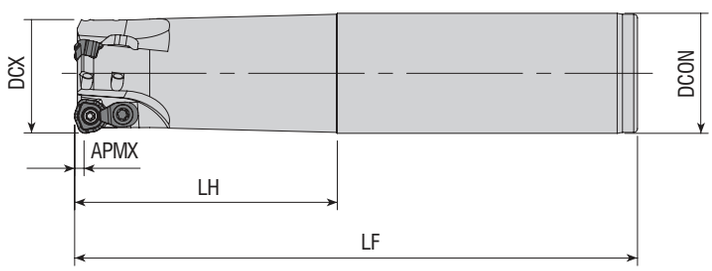





| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* | | | | | | Kesici Uç / *Insert* / *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Sıkma Vidası / *Screw* / *Schraube* | Tork Anahtar / *Torx Key* / *Torx-Schlüssel* |
| | | DC | ZEFP | DCON | LF | LH | APMX |  |  |  |
| **AHFM-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 | | | |

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



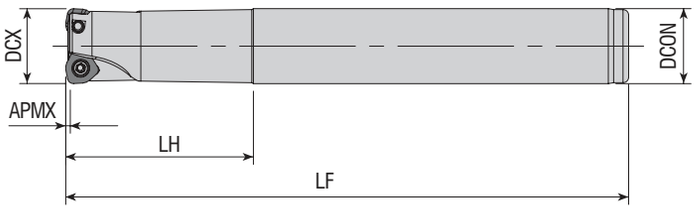



| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* | | | | | | Kesici Uç / *Insert* / *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 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-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 | 70 | 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 / *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 AHFM-YO0602-D10-C09-L120-Z02-F
Kesme Hesabı : S 377/ *Cutting Calculation : P 377* / *Schnittberechnung : P 377*

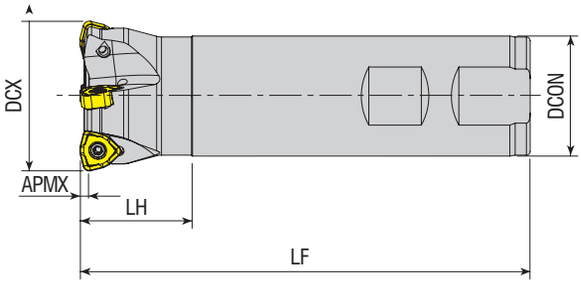





| Takım Kodu / Ordering Code / Bestell-Bezeichnung | Stok / Stock / Lager | Takım Ölçüleri (mm) / Dimension (mm) / Abmessung (mm) | | | | | | Kesici Uç / Insert / Wendeschneidplatte | Yedek Parçaları / Spare Parts / Ersatzteile: Sıkma Vidası / Screw / Schraube | Baskı Parçası / Wedge Clamp / Spannpratze | 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 | | | | | |

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



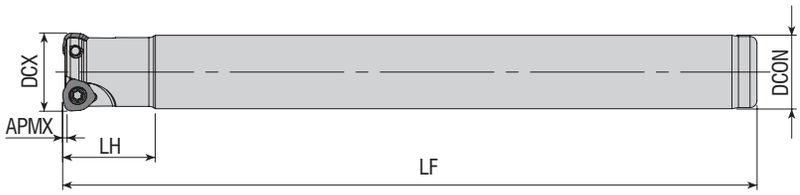



| Takım Kodu / Ordering Code / Bestell-Bezeichnung | Stok / Stock / Lager | Takım Ölçüleri (mm) / Dimension (mm) / Abmessung (mm) | | | | | | Kesici Uç / Insert / Wendeschneidplatte | Yedek Parçaları / Spare Parts / Ersatzteile: Sıkma Vidası / Screw / Schraube | Tork Anahtar / Torx Key / Torx-Schlüssel |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | 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 | | | |

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

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AHFM-WD0503D-D20-C20-L150-Z02
Kesme Hesabı : S 377/ *Cutting Calculation : P 377* / *Schnittberechnung : P 377*



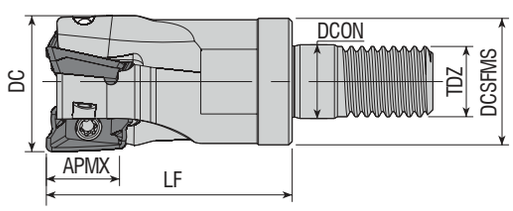



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | DCON | LF | LH | APMX |  |  |  |
| **AHFM-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 | | | |

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





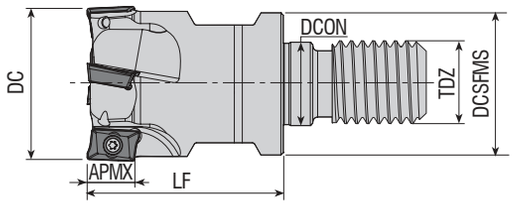

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | Z | DCSFMS | TDZ | LF | DCON | APMX |  |  |  |
| **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 AHFM-WO04T2D-D16-C16-L150-Z02
Kesme Hesabı : S 377/ *Cutting Calculation : P 377* / *Schnittberechnung : P 377*
Sıkma Tork Değeri : S 376 / *Tightening Torque : P 376* / *Anzugsmoment : P 376*

**KAPR=90°**



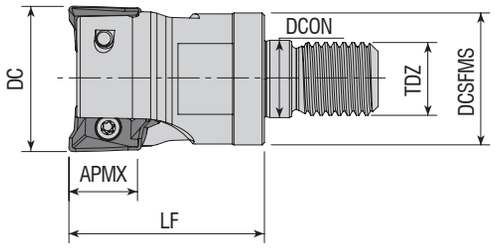



| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* | | | | | | | Kesici Uç / *Insert* / *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCSFMS | TDZ | LF | DCON | APMX |  | Sıkma Vidası / *Screw* / *Schraube*  | Tork Anahtar / *Torx Key* / *Torx-Schlüssel*  |
| AEM90-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 | |

DJT Ucuna Uygundur. / Compatible with DJT Insert. / Kompatibel mit DJT

**KAPR=90°**





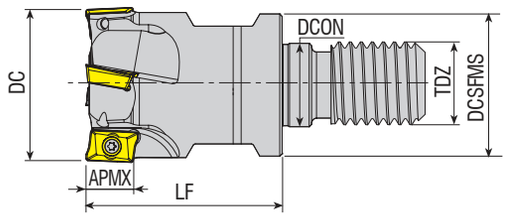

| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* | | | | | | | Kesici Uç / *Insert* / *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 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 | | | |

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-AD1505D-D25-M12-L43-Z02-H
Kesme Hesabı : S 377/ *Cutting Calculation : P 377* / *Schnittberechnung : P 377*
Sıkma Tork Değeri : S 376 / *Tightening Torque : P 376* / *Anzugsmoment : P 376*

**KAPR=90°**





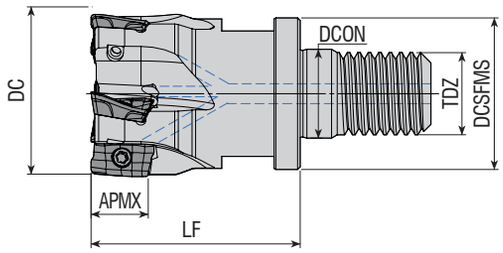

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | 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..** KRYL UCUNA UYGUNDUR. *FOR KRYL INSERT.* *Kompatibel mit KRYL* | | |
| AEM90-AP0903-D25-M12-L35-Z03 | ● | 25 | 3 | 21 | M12 | 35 | 12.5 | 9 | | | |
| AEM90-AP10-D16-M08-L30-Z02-H | ● | 16 | 2 | 14.75 | M08 | 30 | 8.5 | 10 | | | |
| 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 | **AP.. 1003..** ISO UCUNA UYGUNDUR. *FOR ISO INSERT.* *Kompatibel mit ISO* | | |
| 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 | | 3008-M2.5x6 | 82-T08 |
| AEM90-AP10D-D16-M08-L30-Z02-H | ● | 16 | 2 | 14.75 | M08 | 30 | 8.5 | 10 | **AP.. 1003..** DJT UCUNA UYGUNDUR. *FOR DJT INSERT.* *Kompatibel mit DJT* | | |
| 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-AP11-D16-M08-L30-Z02-H | ● | 16 | 2 | 14.75 | M08 | 30 | 8.5 | 11 | | | |
| AEM90-AP11-D20-M10-L30-Z03-H | ● | 20 | 3 | 18 | M10 | 30 | 10.5 | 11 | **AP.. 11T3..** ZCC UCUNA UYGUNDUR. *FOR ZCC INSERT.* *Kompatibel mit ZCC Wendeplatten.* | | |
| 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 | | | |
| AEM90-AP16-D25-M12-L43-Z02-H | ● | 25 | 2 | 21 | M12 | 43 | 12.5 | 16 | | | |
| AEM90-AP16-D32-M16-L43-Z03-H | ● | 32 | 3 | 29 | M16 | 43 | 17 | 16 | **AP.. 1604..** ISO UCUNA UYGUNDUR. *FOR ISO INSERT.* *Kompatibel mit ISO* | | |
| 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 | | | |
| AEM90-AP16DJ-D25-M12-L43-Z02-H | ● | 25 | 2 | 21 | M12 | 43 | 12.5 | 16 | **AP.. 1604..** DJT UCUNA UYGUNDUR. *FOR DJT INSERT.* *Kompatibel mit DJT* | 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 | | | |
| AEM90-AP16L-D25-M12-L43-Z02-H | ● | 25 | 2 | 21 | M12 | 43 | 12.5 | 16 | | | |
| AEM90-AP16L-D32-M16-L43-Z03-H | ● | 32 | 3 | 29 | M16 | 43 | 17 | 16 | **AP.. 1604..** LMN UCUNA UYGUNDUR. *FOR LMN INSERT.* *Kompatibel mit LMN* | | |
| AEM90-AP16L-D40-M16-L43-Z04-H | ● | 40 | 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*

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AEM90-AP0903-D20-M12-L35-Z03
Kesme Hesabı : S 377/ *Cutting Calculation : P 377* / *Schnittberechnung : P 377*
Sıkma Tork Değeri : S 376 / *Tightening Torque : P 376* / *Anzugsmoment : P 376*

**KAPR=90°**



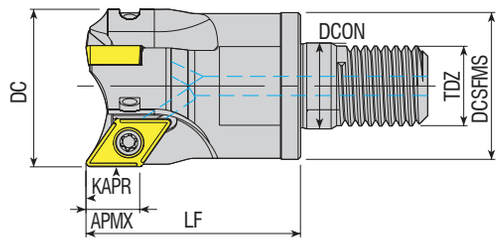



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | 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 | | | |

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

**KAPR=90°**





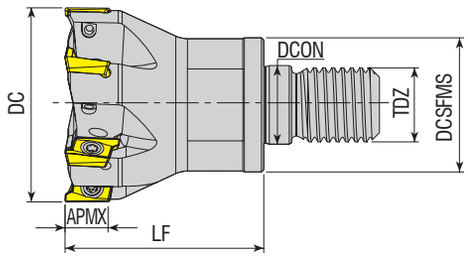

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCSFMS | TDZ | LF | DCON | APMX |  | Sıkma Vidası *Screw* *Schraube*  | Tork Anahtar *Torx Key* *Torx-Schlüssel*  |
| **AEM90-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 | | | |

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.
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 AEM90-BD11T3-D16-M08-L25-Z02-H

**KAPR=90°**



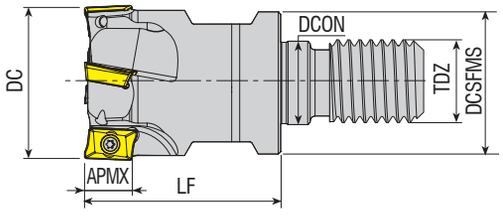



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCSFMS | TDZ | LF | DCON | APMX |  | Sıkma Vidası *Screw* *Schraube*  | Tork Anahtar *Torx Key* *Torx-Schlüssel*  |
| **AEM90-RT10-D16-M08-L20-Z02-H** | ● | 16 | 2 | 14.75 | M08 | 20 | 8.5 | 10 | **RT 1003..** | 3008-M2.5x6 | 82-T08 |
| **AEM90-RT10-D20-M10-L25-Z03-H** | ● | 20 | 3 | 18 | M10 | 25 | 10.5 | 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 | | | |

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

**KAPR=90°**





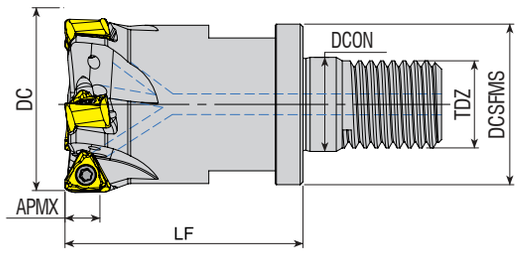

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCSFMS | TDZ | LF | DCON | APMX |  | Sıkma Vidası *Screw* *Schraube*  | Tork Anahtar *Torx Key* *Torx-Schlüssel*  |
| **AEM90-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 AEM90-RT10-D16-M08-L20-Z02-H

**KAPR=90°**



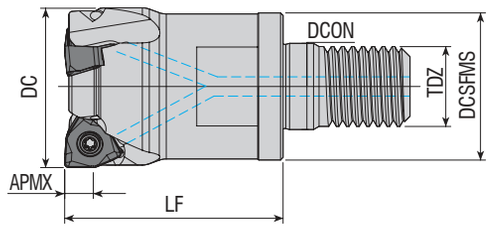



| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* | | | | | | | Kesici Uç / *Insert* / *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCSFMS | TDZ | LF | DCON | APMX |  | Sıkma Vidası / *Screw* / *Schraube*  | Tork Anahtar / *Torx Key* / *Torx-Schlüssel*  |
| new AEM90-TNG10-D20-M10-L26-Z02-H | ● | 20 | 2 | 18 | M10 | 26 | 10.5 | 5 | **TNGX 1004..** | 3008-M2.5x6 | 82-T08 |
| new 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 | | | |
| new AEM90-TNG10-D25-M12-L33-Z03-H | ● | 25 | 3 | 21 | M12 | 33 | 12.5 | 5 | | | |
| new 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 | | | |
| new AEM90-TNG10-D32-M16-L43-Z04-H | ● | 32 | 4 | 29 | M16 | 43 | 17 | 5 | | | |
| new 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 | | | |

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

**KAPR=90°**





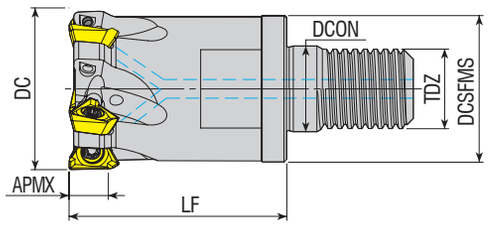

| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* | | | | | | | Kesici Uç / *Insert* / *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCSFMS | TDZ | LF | DCON | APMX |  | Sıkma Vidası / *Screw* / *Schraube*  | Tork Anahtar / *Torx Key* / *Torx-Schlüssel*  |
| AEM90-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 AEM90-TNG10-D20-M10-L26-Z02-H
Kesme Hesabı : S 377/ *Cutting Calculation : P 377* / *Schnittberechnung : P 377*
Sıkma Tork Değeri : S 376 / *Tightening Torque : P 376* / *Anzugsmoment : P 376*

**KAPR=90°**



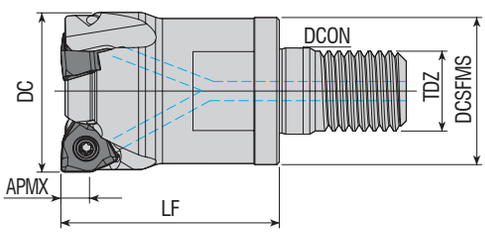



| Takım Kodu<br>*Ordering Code*<br>*Bestell-Bezeichnung* | Stok<br>*Stock*<br>*Lager* | Takım Ölçüleri (mm)<br>*Dimension (mm)*<br>*Abmessung (mm)* | | | | | | | Kesici Uç<br>*Insert*<br>*Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile*<br>Sıkma Vidası<br>*Screw*<br>*Schraube* | Tork Anahtar<br>*Torx Key*<br>*Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCSFMS | TDZ | LF | DCON | APMX |  |  |  |
| **AEM90-3P1004-D20-M10-L35-Z02** | ● | 20 | 2 | 18 | 10 | 35 | 10.5 | 7 | **3P.T 1004** | 1108-M2.5x6 | 82-T08 |
| **AEM90-3P1004-D32-M16-L43-Z05-H** | ● | 32 | 5 | 29 | 16 | 43 | 17 | 7 | | | |

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

**KAPR=90°**





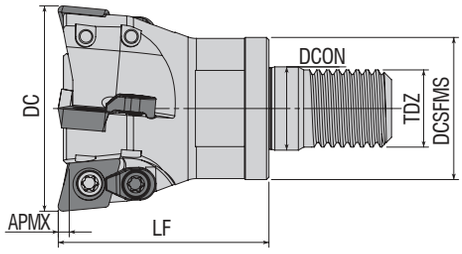

| Takım Kodu<br>*Ordering Code*<br>*Bestell-Bezeichnung* | Stok<br>*Stock*<br>*Lager* | Takım Ölçüleri (mm)<br>*Dimension (mm)*<br>*Abmessung (mm)* | | | | | | | Kesici Uç<br>*Insert*<br>*Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile*<br>Sıkma Vidası<br>*Screw*<br>*Schraube* | Tork Anahtar<br>*Torx Key*<br>*Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCSFMS | TDZ | LF | DCON | APMX |  |  |  |
| **AEM90-XN0403-D32-M16-L43-Z05-H** | ● | 32 | 5 | 29 | M16 | 43 | 17 | 4 | **XNEX 0403..** | 3008-M2.5x6 | 82-T08 |
| **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/*Образец заказа*
1 ad./pcs./шт. AEM90-3P1004-D20-M10-L35-Z02
Kesme Hesabı : S 377/ *Cutting Calculation : P 377* / *Schnittberechnung : P 377*

**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..** | 3015-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 | | | | | |

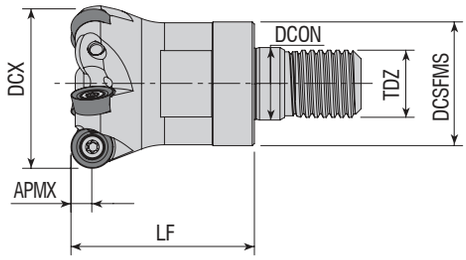
DJT Ucuna Uygundur. / Compatible with DJT Insert. / Kompatibel mit DJT Wendeplatten.

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.





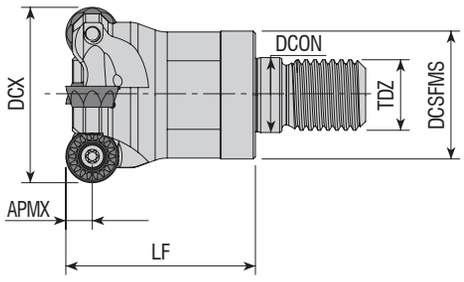

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | 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 | | | |

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

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AEM95-XD0206-D16-M08-L23-Z02-H

Kesme Hesabı : S 367 / *Cutting Calculation : P 367* / *Schnittberechnung : P 367*
Sıkma Tork Değeri : S 376 / *Tightening Torque : P 376* / *Anzugsmoment : P 376*

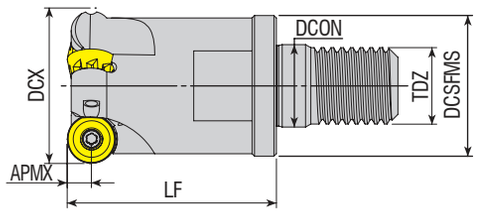





| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* | | | | | | | Kesici Uç / *Insert* / *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 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 | | | |

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



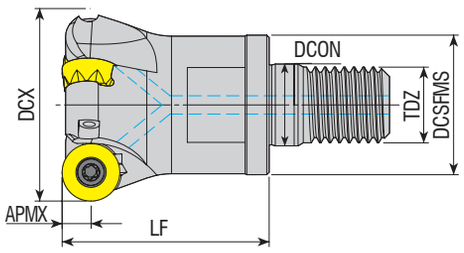



| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* | | | | | | | Kesici Uç / *Insert* / *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | 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-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*
CRTZT Ucuna Uygundur. / Compatible with CRTZT Insert. / Kompatibel mit CRTZT Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AEMR-RP08T2M-D20-M10-L30-Z02-H
Kesme Hesabı : S 367 / *Cutting Calculation : P 367* / *Schnittberechnung : P 367*
Sıkma Tork Değeri : S 367 / *Tightening Torque : P 367* / *Anzugsmoment : P 367*



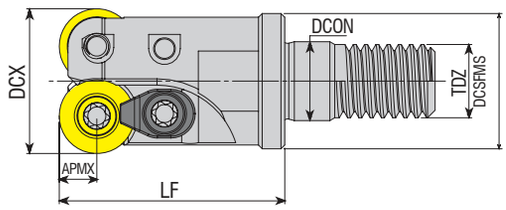



| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* | | | | | | | Kesici Uç / *Insert* / *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | DCSFMS | TDZ | LF | DCON | APMX |  | Sıkma Vidası / *Screw* / *Schraube*  | Tork Anahtar / *Torx Key* / *Torx-Schlüssel*  |
| new AEMR-RY10-D25-M12-L43-Z03-H | ● | 25 | 3 | 21 | M12 | 43 | 12.5 | 5 | **RYMX 1004..** | 4015-M3.5x9 | 80-T15 |
| AEMR-RY10-D32-M16-L43-Z04-H | ● | 32 | 4 | 29 | M16 | 43 | 17 | 5 | | | |
| AEMR-RY10-D40-M16-L43-Z05-H | ● | 40 | 5 | 29 | M16 | 43 | 17 | 5 | | | |
| 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 | | | |

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

new



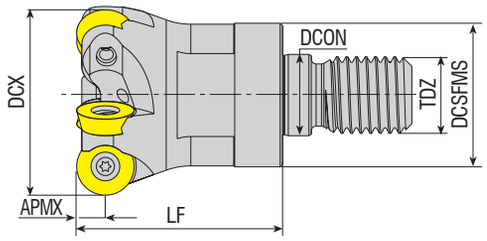



| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* | | | | | | | Kesici Uç / *Insert* / *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 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*  |
| 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-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 AEMR-RY10-D25-M12-L43-Z03-H
Kesme Hesabı : S 377/ *Cutting Calculation : P 377* / *Schnittberechnung : P 377*





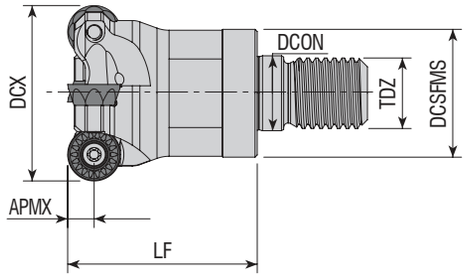

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 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 | RD.. 0803 | 3008-M3x8 | |
| AEMR-RD0803-D20-M10-L30-Z03-H | ● | 20 | 3 | 18 | M10 | 30 | 10.5 | 4 | | | |
| 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 | | | |
| new AEMR-RD10T3-D35-M16-L43-Z04-H | ● | 35 | 4 | 29 | M16 | 43 | 17 | 5 | | | |
| new AEMR-RD10T3-D42-M16-L43-Z05-H | ● | 42 | 5 | 29 | M16 | 43 | 17 | 5 | | | |
| new 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 | | | |
| new 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 | | | |
| new 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 377/ *Cutting Calculation : P 377* / *Schnittberechnung : P 377*
Sıkma Tork Değeri : S 376 / *Tightening Torque : P 376* / *Anzugsmoment : P 376*

new



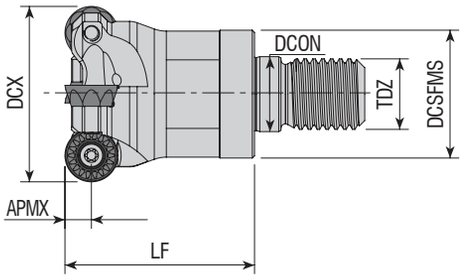



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | 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 | | | |

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

new



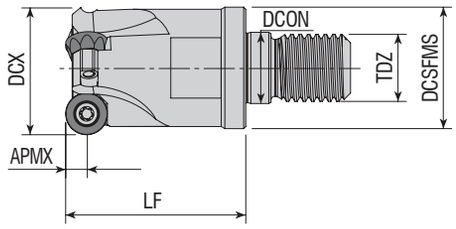



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | 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** | ● | 43 | 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*
KYCR Ucuna Uygundur. / Compatible with KYCR Insert. / Kompatibel mit KYCR Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AEMR-RP10T3A-D32-M16-L43-Z04-H
Kesme Hesabı : S 377/ *Cutting Calculation : P 377* / *Schnittberechnung : P 377*



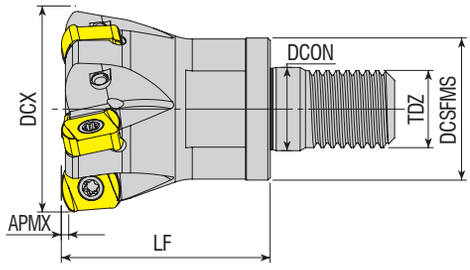



| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* | | | | | | | Kesici Uç / *Insert* / *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 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 | | | |

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





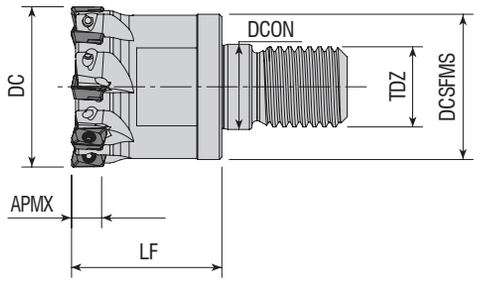



| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* | | | | | | | Kesici Uç / *Insert* / *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | DCSFMS | TDZ | LF | DCON | APMX | | Sıkma Vidası / *Screw* / *Schraube* | Tork Anahtar / *Torx Key* / *Torx-Schlüssel* |
| **AHFM-BL0603-D20-M10-L30-Z03-H** | ● | 20 | 3 | 18 | M10 | 30 | 10.5 | 1 | **BLMP 0603..** | 3008-M2.5x6 | 82-T08 |
| new **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 | **BLMP 0904..** | 3010-M3.5x9 | 82-T10 |
| **AHFM-BL0904-D32-M16-L43-Z04-H** | ● | 32 | 4 | 29 | M16 | 43 | 17 | 1.5 | | | |
| **AHFM-BL0904-D42-M16-L43-Z05-H** | ● | 42 | 5 | 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*
TGTC Ucuna Uygundur. / Compatible with TGTC Insert. / Kompatibel mit TGTC Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AEMR-QP10T3-D25-M12-L35-Z02-H
Kesme Hesabı : S 377/ *Cutting Calculation : P 377* / *Schnittberechnung : P 377*
Sıkma Tork Değeri : S 376 / *Tightening Torque : P 376* / *Anzugsmoment : P 376*

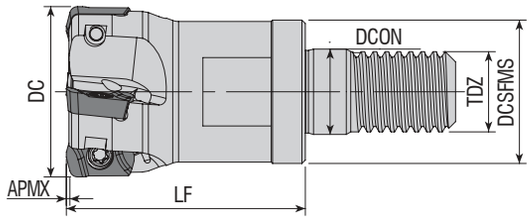





| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* | | | | | | | Kesici Uç / *Insert* / *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* — Sıkma Vidası / *Screw* / *Schraube* | Tork Anahtar / *Torx Key* / *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCSFMS | TDZ | LF | DCON | APMX |  |  |  |
| AHFM-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.



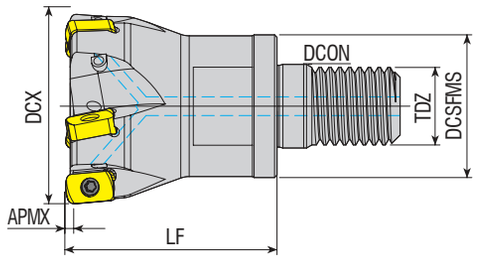



| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* | | | | | | | Kesici Uç / *Insert* / *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* — Sıkma Vidası / *Screw* / *Schraube* | Tork Anahtar / *Torx Key* / *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCSFMS | TDZ | LF | DCON | APMX |  |  |  |
| new AHFM-EP1003-D16-M08-L23-Z02 | ● | 16 | 2 | 14.75 | M08 | 23 | 8.5 | 1 | **EP.. 1003.. ZPMT 1003.. YPHW 1003..** | 3008-M2.5x5 / 3008-M2.5x6 | 82-T08 |
| AHFM-EP1003-D16-M08-L23-Z02-H | ● | 16 | 2 | 14.75 | M08 | 23 | 8.5 | 1 | | | |
| new 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 | | | |
| 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-ED0702-D12-M06-L20-Z03
Kesme Hesabı : S 377/ *Cutting Calculation : P 377* / *Schnittberechnung : P 377*
Sıkma Tork Değeri : S 376 / *Tightening Torque : P 376* / *Anzugsmoment : P 376*

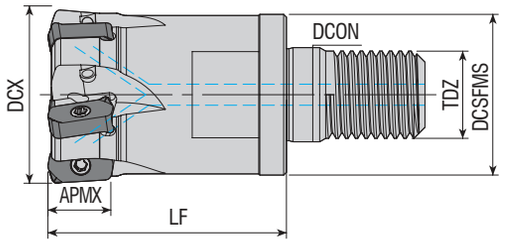





| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* | | | | | | | Kesici Uç / *Insert* / *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 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-EN1004-D16-M08-L23-Z02-H** | ● | 16 | 2 | 14.75 | M08 | 23 | 8.5 | 1 | **ENMU 1004..** | 3008-M2.5x5 | - | - | 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 | | | | | |

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



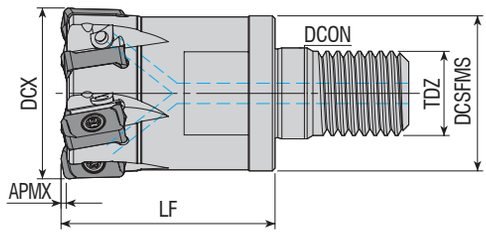



| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* | | | | | | | Kesici Uç / *Insert* / *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | 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 | | | | | |

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-EN1004-D16-M08-L23-Z02-H
Kesme Hesabı : S 377/ *Cutting Calculation : P 377* / *Schnittberechnung : P 377*
Sıkma Tork Değeri : S 376 / *Tightening Torque : P 376* / *Anzugsmoment : P 376*



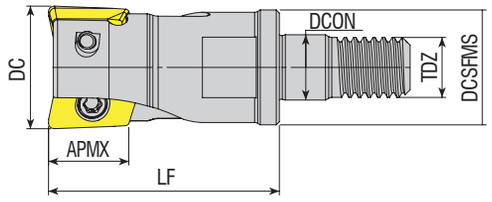



| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* | | | | | | | Kesici Uç / *Insert* / *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 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 | | | | | |

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 İçindedir. / F: Axial and Radial Runout Value is within 0,02 mm.
F: Der axiale und radiale Rundlaufwert liegt innerhalb von 0,02 mm.

Kesme Hesabı : S 367 / *Cutting Calculation : P 367* / *Schnittberechnung : P 367*
Sıkma Tork Değeri : S 367 / *Tightening Torque : P 367* / *Anzugsmoment : P 367*



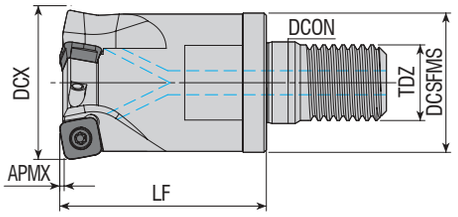



| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* | | | | | | | Kesici Uç / *Insert* / *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 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 | | | |

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

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AHFM-L003-D20-M10-L30-Z04-H-F

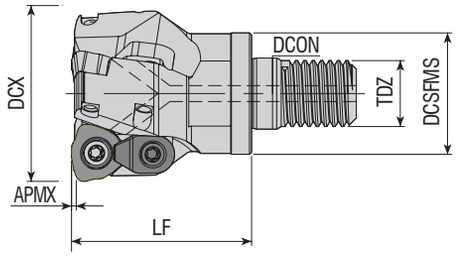





| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | DCSFMS | TDZ | LF | DCON | APMX | | | |
| **AHFM-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 | | | |

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



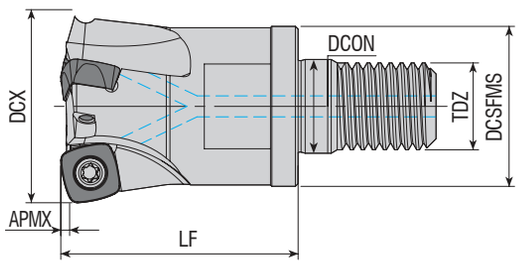



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Baskı Parçası *Wedge Clamp* *Spannpratze* | Baskı Vidası *Clamp Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | DCSFMS | TDZ | LF | DCON | APMX | | | | | |
| **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 | | | | | |

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-SD1205-D32-M16-L40-Z03-H

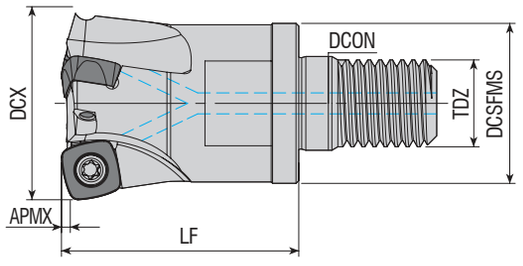





| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | 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 | | | |

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



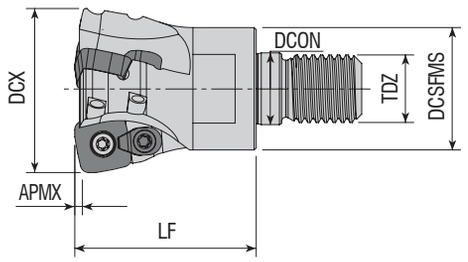



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | 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 | | | |

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-M08-L23-Z02-H
Kesme Hesabı : S 367 / *Cutting Calculation : P 367* / *Schnittberechnung : P 367*

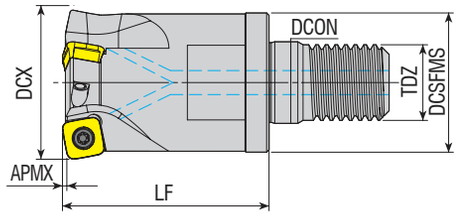





| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* | | | | | | | Kesici Uç / *Insert* / *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 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-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.



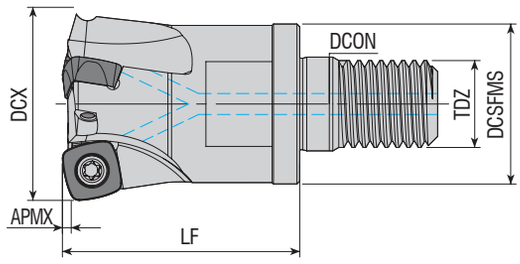



| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* | | | | | | | Kesici Uç / *Insert* / *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | 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 | | | | | |

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-SD06T2-D16-M08-L23-Z02-H

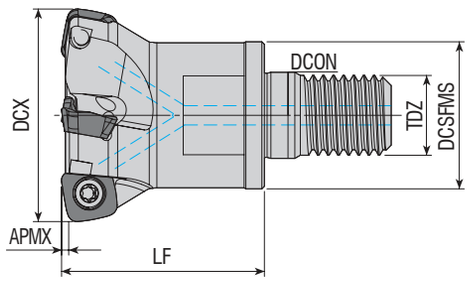





| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* | | | | | | | Kesici Uç / *Insert* / *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | DC SFMS | TDZ | LF | DCON | APMX | | Sıkma Vidası / *Screw* / *Schraube* | Tork Anahtar / *Torx Key* / *Torx-Schlüssel* |
| **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 | | | |

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



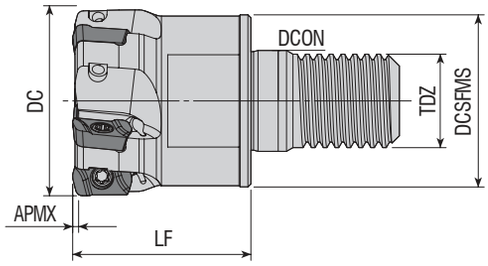


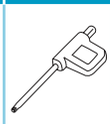

| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* | | | | | | | Kesici Uç / *Insert* / *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 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-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 | | | | | |

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

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AHFM-SO0803P-D32-M16-L35-Z04-H
Kesme Hesabı : S 377/ *Cutting Calculation : P 377* / *Schnittberechnung : P 377*



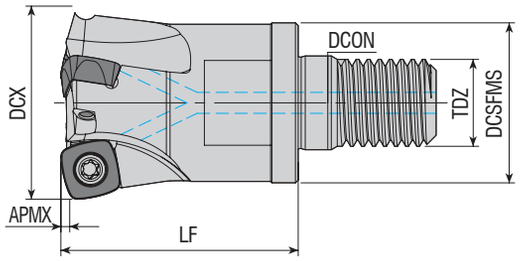



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 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 377 / *Cutting Calculation : P 377* / *Schnittberechnung : P 377*
Sıkma Tork Değeri : S 376 / *Tightening Torque : P 376* / *Anzugsmoment : P 376*

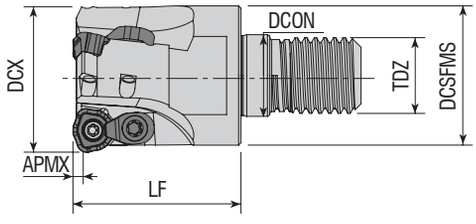





| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 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 | | | | | |

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



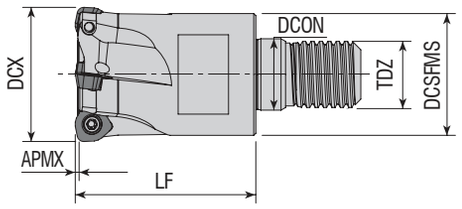



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | 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 | | | | | |

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-SP1004-D25-M12-L35-Z02-H
Kesme Hesabı : S 377/ *Cutting Calculation : P 377* / *Schnittberechnung : P 377*
Sıkma Tork Değeri : S 376 / *Tightening Torque : P 376* / *Anzugsmoment : P 376*

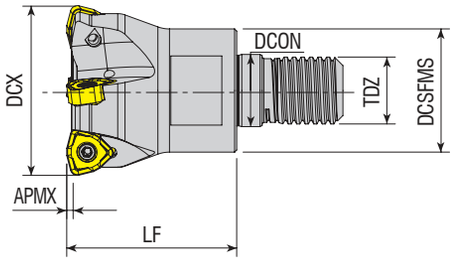





| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* | | | | | | | Kesici Uç / *Insert* / *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 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 | |

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



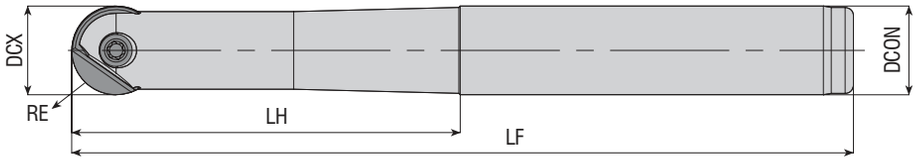



| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* | | | | | | | Kesici Uç / *Insert* / *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | DCSFMS | TDZ | LF | DCON | APMX | | Sıkma Vidası / *Screw* / *Schraube* | Tork Anahtar / *Torx Key* / *Torx-Schlüssel* |
| **AHFM-WN09T3-D32-M16-L40-Z03-H** | ● | 32 | 3 | 29 | M16 | 40 | 17 | 1.5 | **WNMX 09T3..** | 4010-M3x8 | 82-T10 |
| new **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-WD0503D-D20-M10-L30-Z02-H
Kesme Hesabı : S 377/ *Cutting Calculation : P 377* / *Schnittberechnung : P 377*
Sıkma Tork Değeri : S 376 / *Tightening Torque : P 376* / *Anzugsmoment : P 376*

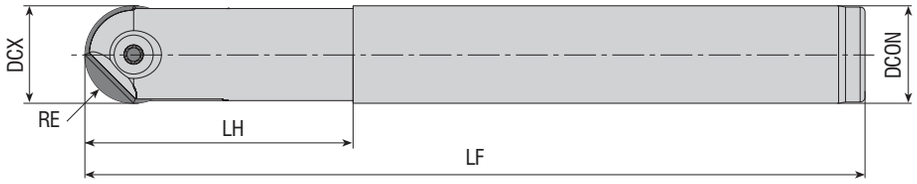





| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|
| | | DCX | RE | DCON | LF | 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 | | | |

DJT Ucuna Uygundur. / Compatibel mit DJT Wendeplatten. / 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-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*

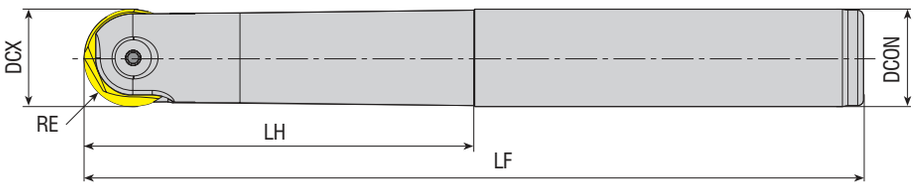
ZCC Ucuna Uygundur. / Compatibel mit ZCC Wendeplatten. / Kompatibel mit ZCC Wendeplatten.

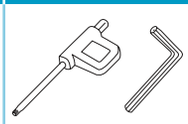
Sipariş Örneği/Ordering Example/*Bestellbeispiel*

1 ad./pcs./stück APMR-BNM12-D12-C12-L130

Kesme Hesabı : S 377/ *Cutting Calculation : P 377* / *Schnittberechnung : P 377*

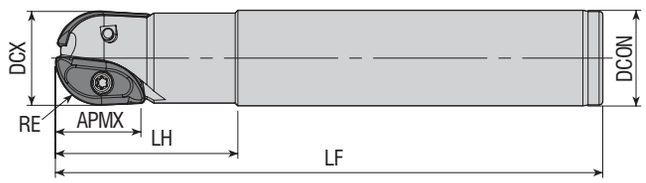





| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* | | | | | Kesici Uç / *Insert* / *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|
| | | DCX | 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 |

WLTR Ucuna Uygundur. / Compatibel with WLTR Insert. / Kompatibel mit WLTR Wendeplatten.



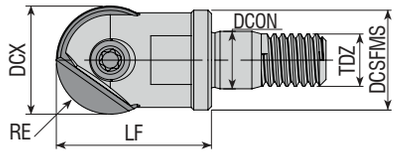



| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* | | | | | | Kesici Uç / *Insert* / *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | RE | 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 |

R: Sağ / Right / *Rechtsl* 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-P3208-D08-C10-L110
Kesme Hesabı : S 377/ *Cutting Calculation : P 377* / *Schnittberechnung : P 377*

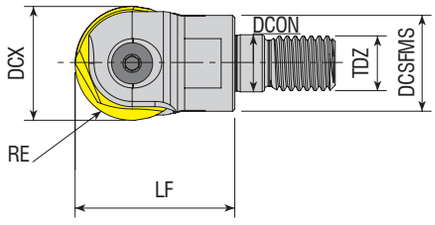





| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | RE | DCSFMS | TDZ | LF | DCON |  |  |  |
| **APMR-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 |

DJT Ucuna Uygundur. / Compatibel with DJT Insert. / Kompatibel mit DJT Wendeplatten.



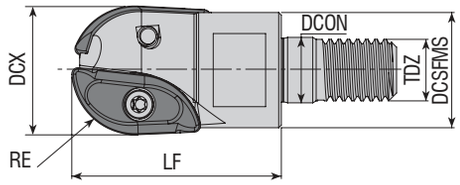



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | RE | DCSFMS | TDZ | LF | DCON |  |  |  |
| **APMR-P3216-D16-M08-L25** | ● | 16 | 8 | 14 | M08 | 25 | 8.5 | **P3216** | 1220-M5x0.5x12 | 80-T20 |
| **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 | 30 | M16 | 43 | 17 | **P3232** | 1204-M8x0.75x26 | AAL-05-4 |

R: Sağ / Right / *Rechtsl* 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-BNM12-D12-M06-L20
Kesme Hesabı : S 377/ *Cutting Calculation : P 377* / *Schnittberechnung : P 377*
Sıkma Tork Değeri : S 376 / *Tightening Torque : P* 376 / *Anzugsmoment : P 376*

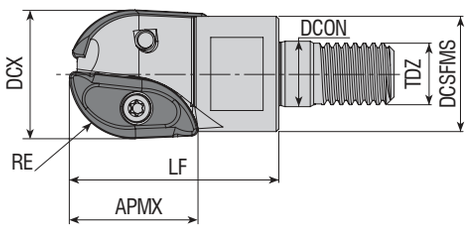





| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 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** | | |

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



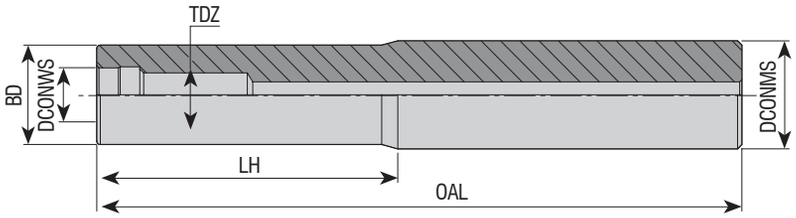



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | RE | DCSFMS | TDZ | LF | APMX | DCON |  |  |  |
| **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-SWB225-D25-M12-L35
Kesme Hesabı : S 377/ *Cutting Calculation : P 377* / *Schnittberechnung : P 377*
Sıkma Tork Değeri : S 376 / *Tightening Torque : P 376* / *Anzugsmoment : P 376*

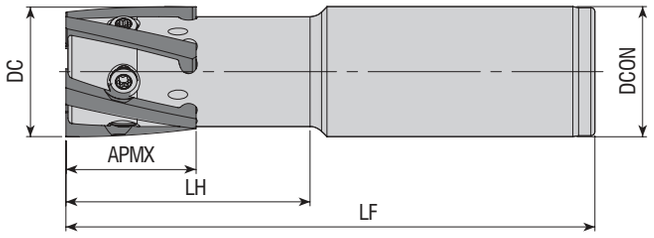





| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* | | | | | |
|---|---|---|---|---|---|---|---|
| | | DCONMS | TDZ | DCONWS | BD | OAL | LH |
| **AVTT-D13-C16-M08-L100-H** | ● | 16 | M08 | 8.5 | 13 | 100 | 40 |
| **AVTT-D15-C16-M08-L130-H** | ● | 16 | M08 | 8.5 | 15 | 130 | 70 |
| **AVTT-D18-C20-M10-L130-H** | ● | 20 | M10 | 10.5 | 18 | 130 | 70 |
| **AVTT-D18-C20-M10-L160-H** | ● | 20 | M10 | 10.5 | 18 | 160 | 80 |
| **AVTT-D23-C25-M12-L150-H** | ● | 25 | M12 | 12.5 | 23 | 150 | 70 |
| **AVTT-D23-C25-M12-L200-H** | ● | 25 | M12 | 12.5 | 23 | 200 | 100 |
| **AVTT-D23-C25-M12-L250-H** | ● | 25 | M12 | 12.5 | 23 | 250 | 150 |
| **AVTT-D30-C32-M16-L150-H** | ● | 32 | M16 | 17 | 30 | 150 | 70 |
| **AVTT-D30-C32-M16-L200-H** | ● | 32 | M16 | 17 | 30 | 200 | 100 |
| **AVTT-D30-C32-M16-L250-H** | ● | 32 | M16 | 17 | 30 | 250 | 150 |
| **AVTT-D30-C32-M16-L300-H** | ● | 32 | M16 | 17 | 30 | 300 | 200 |

## DİŞ AÇMA FREZELEME TAKIMLARI
## *THREAD MILLING TOOLS*
## *GEWINDEFRÄSWERKZEUGE*



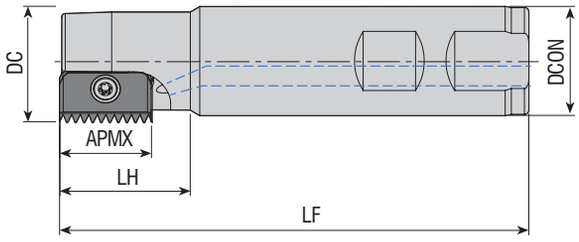



| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* | | | | | | Kesici Uç / *Insert* / *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Sıkma Vidası / *Screw* / *Schraube* | Tork Anahtar / *Torx Key* / *Torx-Schlüssel* |
| | | DC | ZEFP | DCON | LF | LH | APMX |  |  |  |
| **ATM-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 |

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 AVTT-D13-C16-M08-L100-H
Kesme Hesabı : S 377/ *Cutting Calculation : P 377* / *Schnittberechnung : P 377*

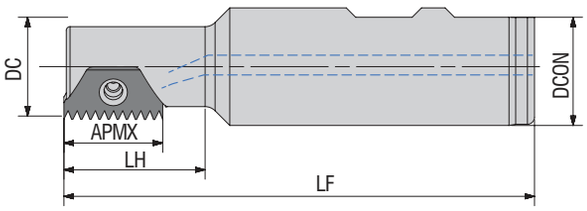





| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 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 | 30 | 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 |

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



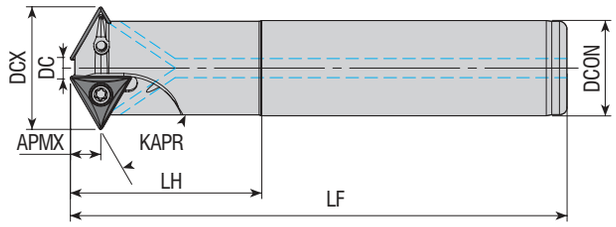



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | LH | APMX |  |  |  |
| ATM-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.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ATM-C14-D14-W20-L100-Z01-H
Kesme Hesabı : S 377/ *Cutting Calculation : P 377* / *Schnittberechnung : P 377*



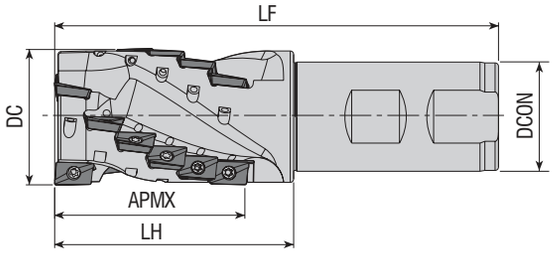



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | KAPR | 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 | | | |

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



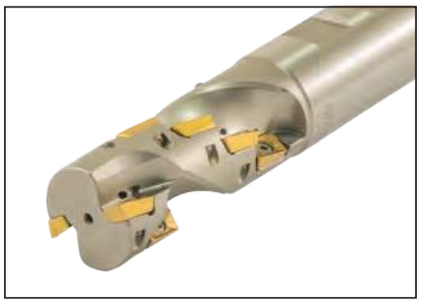


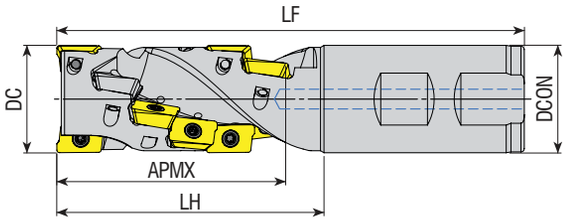




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | ZEFP | | 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 | | | |

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 377/ *Cutting Calculation : P 377* / *Schnittberechnung : P 377*






| Takım 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 | | | |

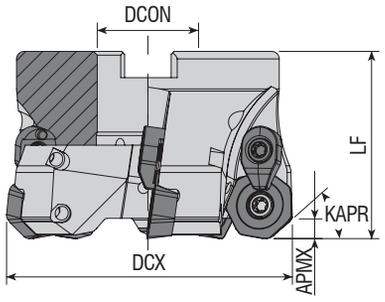
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
TGTC Ucuna Uygundur. / Compatible with TGTC Insert. / Kompatibel mit TGTC Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AHM90-AP1204-D32-W32-L140-Z0212-H
Kesme Hesabı : S 377/ *Cutting Calculation : P 377* / *Schnittberechnung : P 377*



**KAPR=42°**



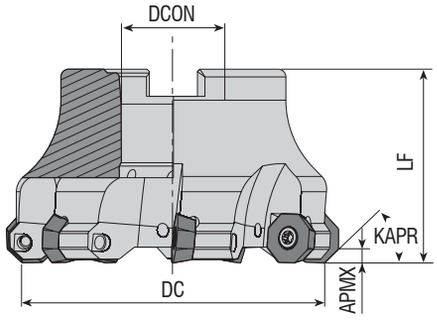



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | 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* |
| 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 | | | | | | |

DJT Ucuna Uygundur. / Compatible with DJT Insert. / Kompatibel mit DJT

**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*

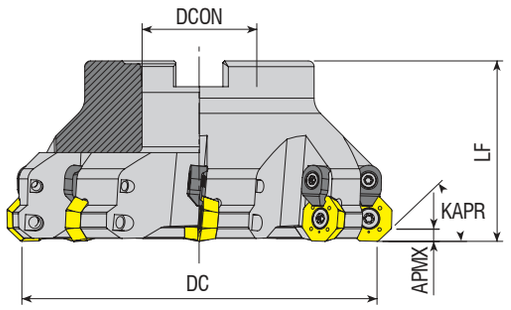
WLTR Ucuna Uygundur. / Compatible with WLTR Insert. / Kompatibel mit WLTR

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AFM42C-XD0806-D063-A27-Z04-H

Kesme Hesabı : S 377 / *Cutting Calculation : P 377* / *Schnittberechnung : P 377*
Montaj Ölçüleri : S 374 / *Mounting Reference : P 374* / *Montagehinweis : P374*

**KAPR=43°**



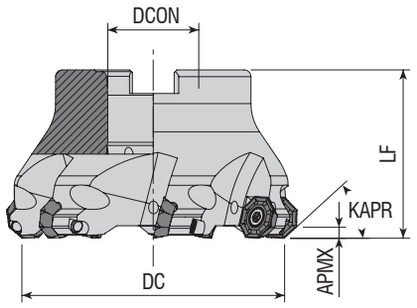



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | 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 | | | | | | - |

WLTR-LMN Ucuna Uygundur. / Compatible with WLTR-LMN Insert./Kompatibel mit WLTR-LMN

**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 | | 2510-M12x35 | |
| AFM43-OF05T3-D080-A27-Z07-H | ● | 80 | 7 | 27 | 50 | 3 | | | | - | |
| 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*

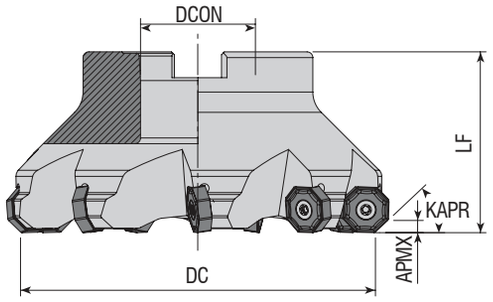
ISO Ucuna Uygundur. / Compatible with ISO Insert. / Kompatibel mit ISO Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AFM43C-OD0605-D080-A27-Z06-H

Kesme Hesabı : S 377 / *Cutting Calculation : P 377* / *Schnittberechnung : P 377*
Montaj Ölçüleri : S 374 / *Mounting Reference : P 374* / *Montagehinweis : P374*

**KAPR=43°**



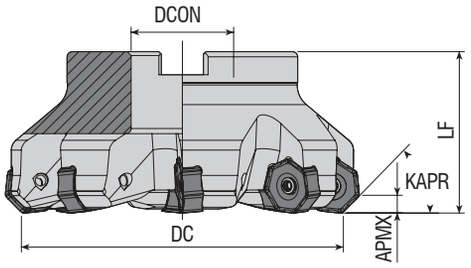



| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* | | | | | Kesici Uç / *Insert* / *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 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 | | | | - |

ZCC Ucuna Uygundur. / Compatible with ZCC Insert. / Kompatibel mit ZCC 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-Z06-H** | ● | 63 | 6 | 22 | 40 | 3.8 | **ONHX 0606..** | 4020-M4.5x12 | 80-T20 | 2407-M10x30 |
| **AFM44-ON0606-D080-A27-Z08-H** | ● | 80 | 8 | 27 | 50 | 3.8 | | | | 2510-M12x35 |
| **AFM44-ON0606-D100-A32-Z10-H** | ● | 100 | 10 | 32 | 50 | 3.8 | | | | 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*

KRLY Ucuna Uygundur. / Compatible with KRLY Insert./Kompatibel mit KRYL Wendeplatten.

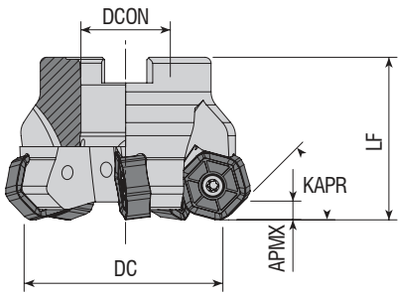
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AFM43-ON0604-D050-A22-Z05-H

Kesme Hesabı : S 377 / *Cutting Calculation : P 377* / *Schnittberechnung : P 377*

Montaj Ölçüleri : S 374/ *Mounting Reference : P 374* / *Montagehinweis : P374*

**KAPR=45°**





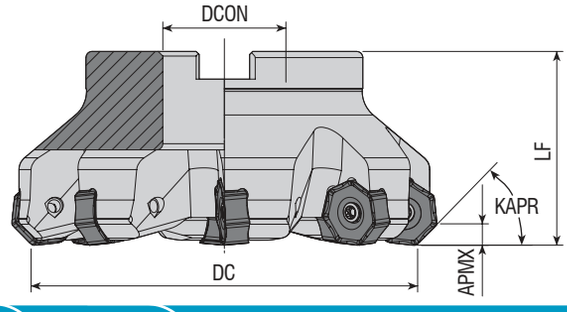

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | 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 | | | | |

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

new

**KAPR=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* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX |  | Sıkma Vidası *Screw* *Schraube*  | Tork Anahtar *Torx Key* *Torx-Schlüssel*  | Montaj Vidası *Mounting Screw* *Befestigungsschraube*  |
| **AFM40-NN2007-D080-A27-Z06-H** | ● | 80 | 6 | 27 | 50 | 6 | **NNMU 2007..** | 1020-M5x14 | 80-T20 | 2514-M16x35 |
| **AFM40-NN2007-D100-B32-Z07-H** | ● | 100 | 7 | 32 | 50 | 6 | | | | |
| **AFM40-NN2007-D125-B40-Z08-H** | ● | 125 | 8 | 40 | 63 | 6 | | | | - |
| **AFM40-NN2007-D160-C40-Z10** | ● | 160 | 10 | 40 | 63 | 6 | | | | |
| **AFM40-NN2007-D200-C60-Z12** | ● | 200 | 12 | 60 | 63 | 6 | | | | |

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

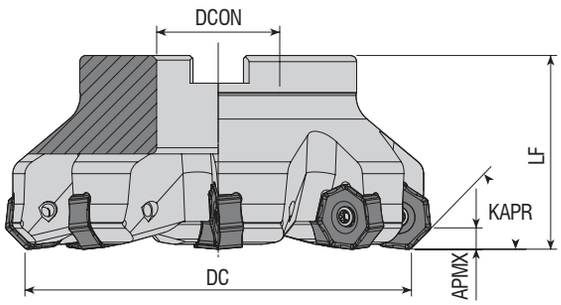
● *Stokta / In Stock / Auf Lager* ○ *Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage*

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

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AFM45-HN0905-D050-A22-Z05-H

Kesme Hesabı : S 377 / *Cutting Calculation : P 377* / *Schnittberechnung : P 377*
Montaj Ölçüleri : S 374 / *Mounting Reference : P 374* / *Montagehinweis : P374*



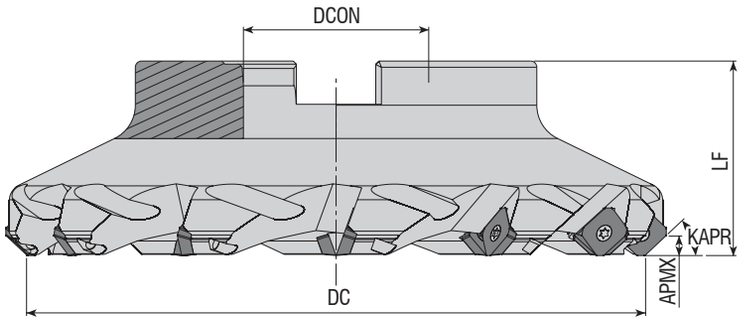

| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* | | | | | Kesici Uç / *Insert* / *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX |  | Sıkma Vidası / *Screw* / *Schraube*  | Tork Anahtar / *Torx Key* / *Torx-Schlüssel*  | Montaj Vidası / *Mounting Screw* / *Befestigungsschraube*  |
| new AFM45-NN2007-D063-A22-Z05-H | ● | 63 | 5 | 22 | 50 | 6 | **NNMU 2007..** | 1020-M5x14 | 80-T20 | 2508-M10x30 |
| new 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.



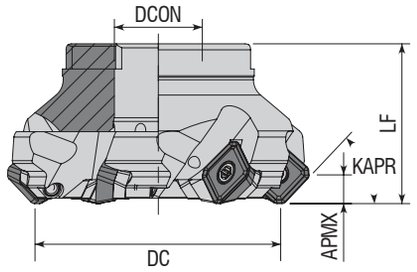

| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* | | | | | Kesici Uç / *Insert* / *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 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 | | | | |

ZCC-SNDVK Ucuna Uygundur. / Compatible with ZCC-SNDVK Insert. / Kompatibel mit ZCC-SNDVK Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AFM45-NN2007-D063-A22-Z05-H

Kesme Hesabı : S 377 / *Cutting Calculation : P 377* / *Schnittberechnung : P 377*
Montaj Ölçüleri : S 374 / *Mounting Reference : P 374* / *Montagehinweis : P374*



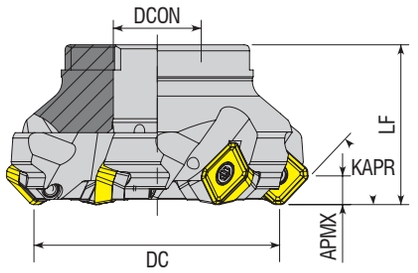

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | 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 | | | | | | - |

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

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

SMTM-DJT Ucuna Uygundur. / Compatible with SMTM-DJT Insert. / Kompatibel mit SMTM-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* |
| 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 | | | | - |

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

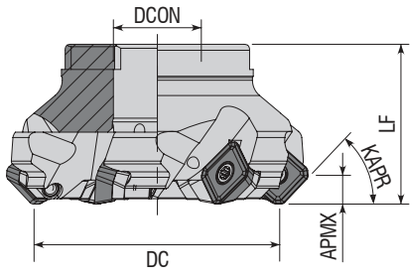
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AFM45-SE13-D050-A22-Z04-H

Kesme Hesabı : S 377 / *Cutting Calculation : P 377* / *Schnittberechnung : P 377*
Montaj Ölçüleri : S 374 / *Mounting Reference : P 374* / *Montagehinweis : P374*

new

**KAPR=45°**



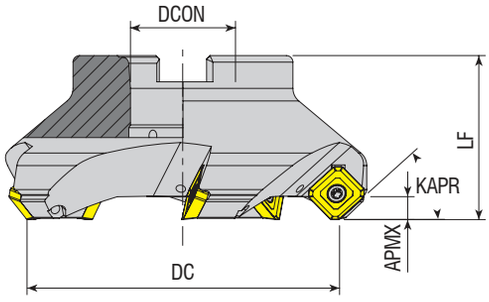



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | 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 | SEMT 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 | | | | | | - |

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-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 | | | | |

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

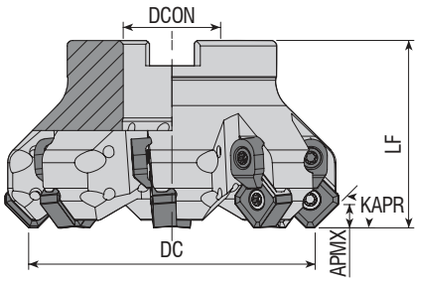
● *Stokta / In Stock / Auf Lager* ○ *Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage*

KRLY Ucuna Uygundur. / Compatible with KRLY Insert. / Kompatibel mit KRYL Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AFM45S-SE13M-D050-A22-Z04-H

Kesme Hesabı : S 377 / *Cutting Calculation : P 377* / *Schnittberechnung : P 377*




| Takım 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 | | | | | | 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 | | | | | | |

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

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

WLTR-LMN-ACHTK Ucuna Uygundur. / Compatible with WLTR-LMN-ACHTK Insert. / Kompatibel mit WLTR-LMN-ACHTK Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*

1 ad./pcs./stück AFM45C-SN12..-D050-A22-Z04-H

Kesme Hesabı : S 377 / *Cutting Calculation : P 377* / *Schnittberechnung : P 377*



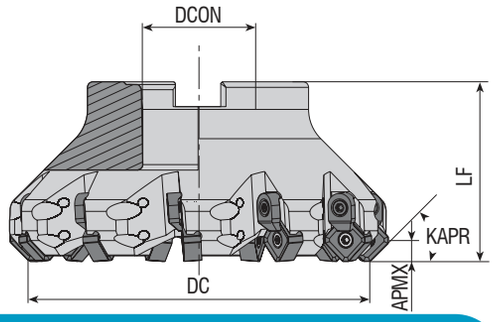




Montaj Ölçüleri : S 374 / *Mounting Reference : P 374* / *Montagehinweis : P374*

**KAPR=45°**



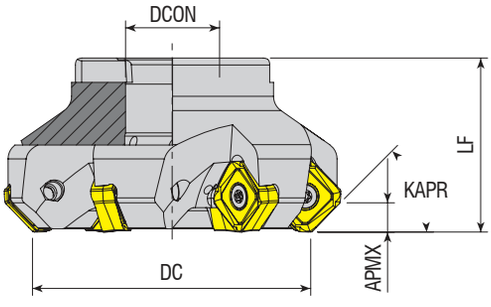



| Takım Kodu / Ordering Code / Bestell-Bezeichnung | Stok / Stock / Lager | Takım Ölçüleri (mm) / Dimension (mm) / Abmessung (mm) | | | | | Kesici Uç / Insert / Wendeschneidplatte | Yedek Parçaları / Spare Parts / Ersatzteile | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | 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 | | | | | | 2510-M12x35 |
| 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 | | | | | | 2514-M16x35 |
| 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 | | | | | | - |
| 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 | | | | | | |
| new 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 | | | | | | |

KRLY-PLBT-BHLR Ucuna Uygundur. / Compatible with KRLY-PLBT-BHLR Insert. / Kompatibel mit KRLY-PLBT-BHLR 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 | | | | - |

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*

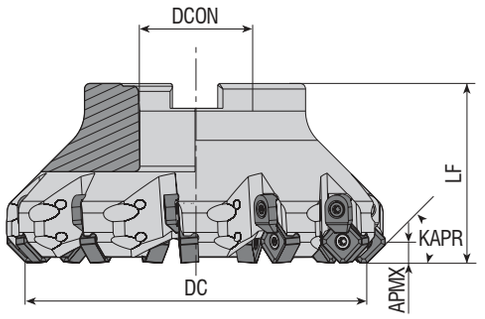
1 ad./pcs./stück AFM45C-SN1206-D050-A22-Z04-H

Kesme Hesabı : S 377 / *Cutting Calculation : P 377* / *Schnittberechnung : P 377*

Montaj Ölçüleri : S 374 / *Mounting Reference : P 374* / *Montagehinweis : P374*

**KAPR=45°**



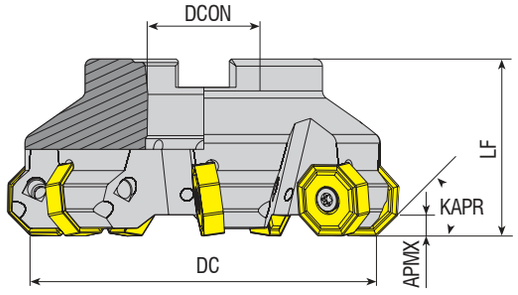



| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* | | | | | Kesici Uç / *Insert* / *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 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-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 | | | | | | |

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* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Sıkma Vidası / *Screw* / *Schraube* | Tork Anahtar / *Torx Key* / *Torx-Schlüssel* | Montaj Vidası / *Mounting Screw* / *Befestigungsschraube* |
| | | DC | ZEFP | DCON | LF | APMX |  |  |  |  |
| new 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 | | | | |
| new AFM45-ON0806-D063-A22-Z07-H | ● | 63 | 7 | 22 | 40 | 5.5 | | | | |
| 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 | | | | |
| new 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 | | | | |
| new AFM45L-ON0806-D100-A32-Z10-H | ● | 100 | 10 | 32 | 50 | 5.5 | | | | |
| AFM45-ON0806-D125-B40-Z08 | ● | 125 | 8 | 40 | 63 | 5.5 | | | | |
| new 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 | | | | |

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.

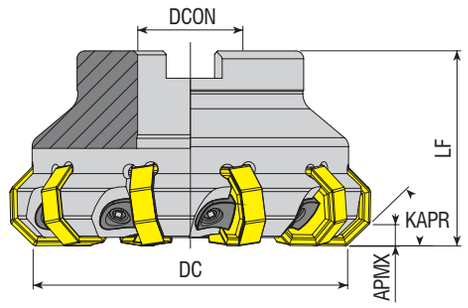
Sipariş Örneği/Ordering Example/*Bestellbeispiel*

1 ad./pcs./stück AFM45C-SN12Z-D050-A22-Z05-H

Kesme Hesabı : S 377 / *Cutting Calculation : P 377* / *Schnittberechnung : P 377*

Montaj Ölçüleri : S 374/ *Mounting Reference : P 374* / *Montagehinweis : P374*

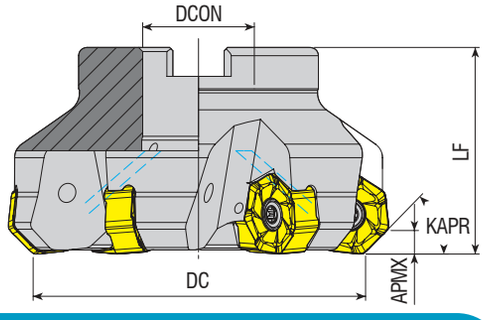



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Baskı Parçası *Wedge Clamp* *Spannpratze* | Baskı Vidası *Clamp Screw* *Klemmschraube* | Anahtar *Allen Key* *Innensechskantschlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| new 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 | | | | | |

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* | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 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.

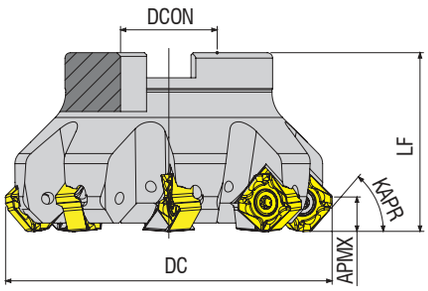
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AFM45C-ON0806-D063-A22-Z08

Kesme Hesabı : S 377 / *Cutting Calculation : P 377* / *Schnittberechnung : P 377*
Montaj Ölçüleri : S 374 / *Mounting Reference : P 374*/ *Montagehinweis : P374*

new

**KAPR=45°**



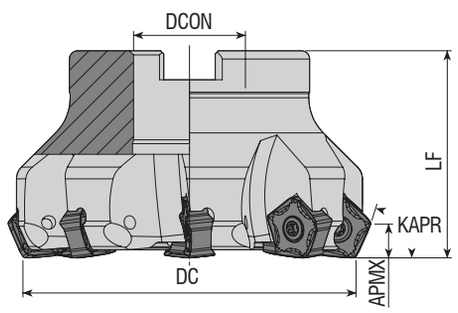



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX |  | Sıkma Vidası *Screw* *Schraube*  | 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 |

TGTC Ucuna Uygundur. / Compatibel with TGTC Insert. / Kompatibel mit TGTC Wendeplatten.

**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*

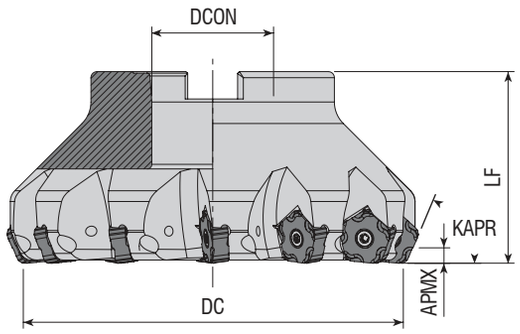
KYCR Ucuna Uygundur. / Compatibel with KYCR Insert. / Kompatibel mit KYCR Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AFM45-SN1306-D050-A22-Z05-H

Kesme Hesabı : S 377 / *Cutting Calculation : P 377* / *Schnittberechnung : P 377*
Montaj Ölçüleri : S 374/ *Mounting Reference : P 374* / *Montagehinweis : P374*

**KAPR=67°**



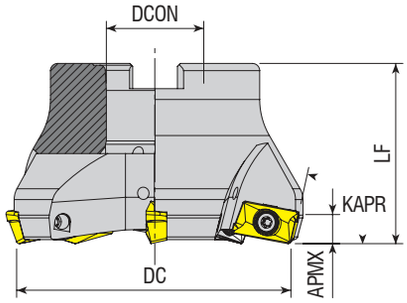



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | 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 | | | | |

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

**KAPR=75°**





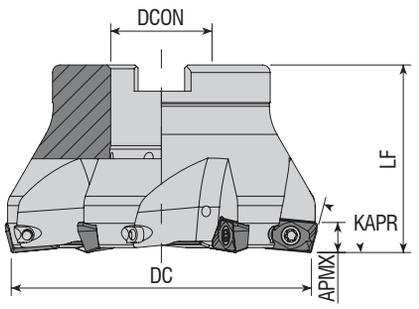

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX |  | 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 | | | | - |

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 AFM67-PN1105-D050-A22-Z05
Kesme Hesabı : S 377 / *Cutting Calculation : P 377* / *Schnittberechnung : P 377*
Montaj Ölçüleri : S 374 / *Mounting Reference : P 374* / *Montagehinweis : P374*

**KAPR=75°**



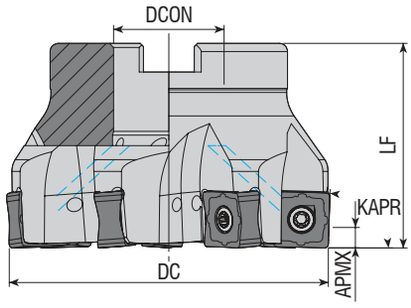



| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* | | | | | Kesici Uç / *Insert* / *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 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 |

SC Ucuna Uygundur. / Compatible with SC Insert. / Kompatibel mit SC 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 | | | | |
| new **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 | | | | - |

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

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

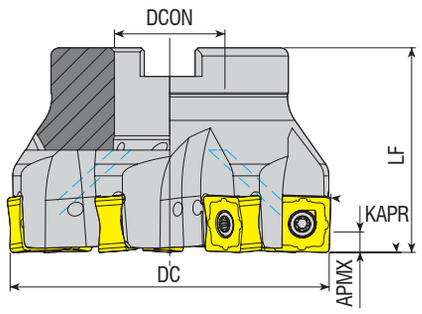
KYCR Ucuna Uygundur. / Compatible with KYCR Insert. / Kompatibel mit KYCR Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AFM75-XO12-D050-A22-Z04-H

Kesme Hesabı : S 377 / *Cutting Calculation : P 377* / *Schnittberechnung : P 377*
Montaj Ölçüleri : S 374 / *Mounting Reference : P 374* / *Montagehinweis : P374*

**KAPR=88°**



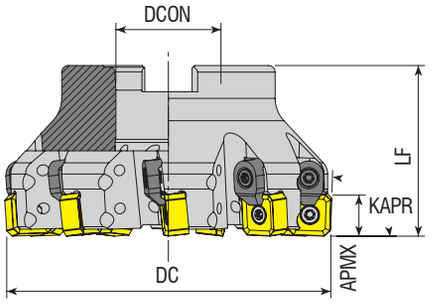



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | 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 |

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*  | Baskı Parçası *Wedge Clamp* *Spannpratze*  | Baskı Vidası *Clamp Screw* *Klemmschraube*  | Tork Anahtar *Torx Key* *Torx-Schlüssel*  | Montaj Vidası *Mounting Screw* *Befestigungsschraube*  |
| new **AFM88C-SN1206-D040-A16-Z04-H** | ● | 40 | 4 | 16 | 40 | 11.5 | **SN.. 1206..** | 4615-M4x11 | ACK-05 | 4015-M4x11 | 80-T15 | 2506-M8x30 |
| **AFM88C-SN1206-D050-A22-Z05-H** | ● | 50 | 5 | 22 | 40 | 11.5 | | | | 4615-M4x11 | | 2508-M10x30 |
| **AFM88C-SN1206-D063-A22-Z06-H** | ● | 63 | 6 | 22 | 40 | 11.5 | | | | 4015-M4x11 | | |
| **AFM88C-SN1206-D080-A27-Z07-H** | ● | 80 | 7 | 27 | 50 | 11.5 | | | | | | 2510-M12x35 |
| **AFM88C-SN1206-D100-A32-Z09-H** | ● | 100 | 9 | 32 | 52 | 11.5 | | | | | | 2514-M16x35 |
| new **AFM88C-SN1206-D125-B40-Z10** | ● | 125 | 10 | 40 | 63 | 11.5 | | 1015-M4x11 | | | | 2506-M8x30 |

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

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

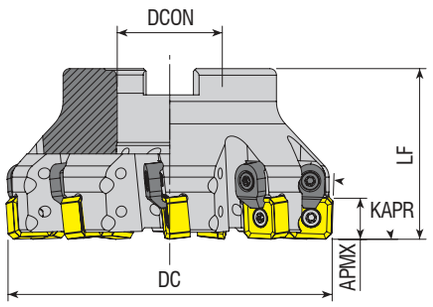
KRLY Ucuna Uygundur. / Compatible with KRLY Insert. / Kompatibel mit KRLY Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AFM88-SN1306-D050-A22-Z05-H

Kesme Hesabı : S 377 / *Cutting Calculation : P 377* / *Schnittberechnung : P 377*
Montaj Ölçüleri : S 374 / *Mounting Reference : P 374* / *Montagehinweis : P374*

**KAPR=88°**



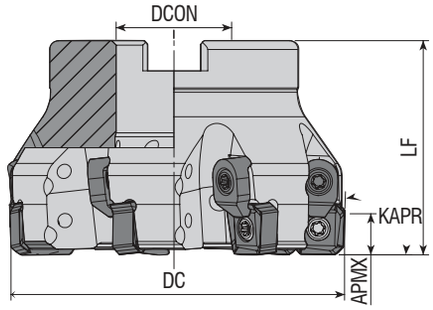



| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* | | | | | Kesici Uç / *Insert* / *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 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 |

ISO Ucuna Uygundur. / Compatible with ISO Insert. / Kompatibel mit ISO 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* | 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*

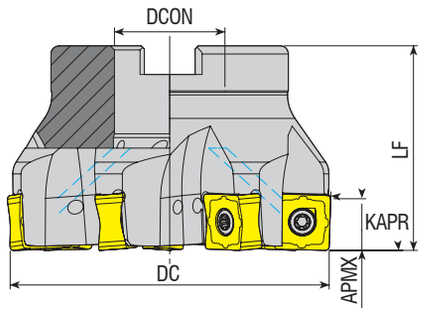
ZCC Ucuna Uygundur. / Compatible with ZCC Insert. / Kompatibel mit ZCC Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AFM88C-SN12..-D050-A22-Z05-H

Kesme Hesabı : S 377 / *Cutting Calculation : P 377* / *Schnittberechnung : P 377*
Montaj Ölçüleri : S 374 / *Mounting Reference : P 374* / *Montagehinweis : P374*

**KAPR=89°**



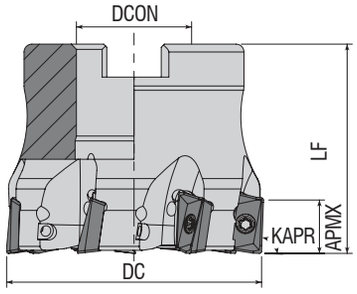



| Takım Kodu / Ordering Code / Bestell-Bezeichnung | Stok / Stock / Lager | Takım Ölçüleri (mm) / Dimension (mm) / Abmessung (mm) | | | | | Kesici Uç / Insert / Wendeschneidplatte | Yedek Parçaları / Spare Parts / Ersatzteile | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | 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 | | | | | | |
| AFM89-SN1305I-D063-A22-Z06-H | ● | 63 | 6 | 22 | 40 | 10 | SNMU 1305.. | | | | | 2508-M10x30 |
| 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 |

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 | 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 | |

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

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

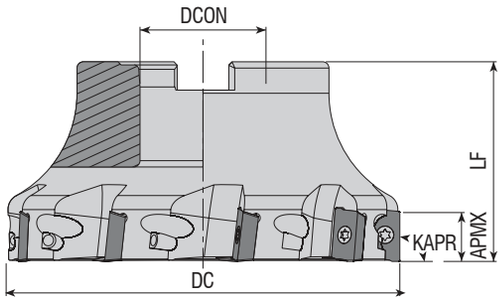
WLTR Ucuna Uygundur. / Compatible with WLTR Insert. / Kompatibel mit WLTR Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AFM89-SN1305I-D040-A16-Z04-H

Kesme Hesabı : S 367 / *Cutting Calculation : P 367* / *Schnittberechnung : P 367*
Montaj Ölçüleri : S 364 / *Mounting Reference : P 364* / *Montagehinweis : P364*

**KAPR=90°**



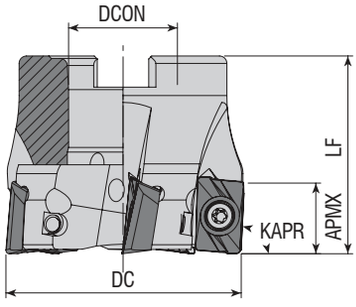



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| **AFM90-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 | | | | - |

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* | 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-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*

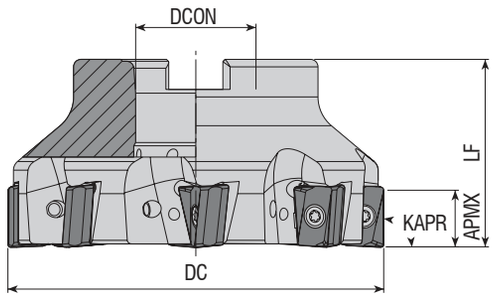
DJT Ucuna Uygundur. / Compatible with DJT Insert. / Kompatibel mit DJT Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AFM90-AD1505-D040-A16-Z04-H

Kesme Hesabı : S 377 / *Cutting Calculation : P 377* / *Schnittberechnung : P 377*
Montaj Ölçüleri : S 374 / *Mounting Reference : P 374* / *Montagehinweis : P374*

**KAPR=90°**



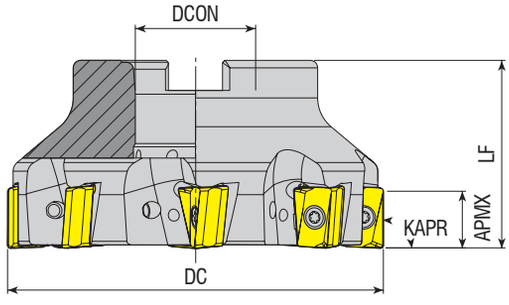



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | 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 | | | | |

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-AN1607-D050-A22-Z04-H** | ● | 50 | 4 | 22 | 40 | 15 | | | | 2508-M10x30 |
| **AFM90-AN1607-D063-A22-Z06-H** | ● | 63 | 6 | 22 | 40 | 15 | | | | |
| **AFM90-AN1607-D080-A27-Z07-H** | ● | 80 | 7 | 27 | 50 | 15 | **AN.X 1607..** | 4015-M4x11 | 80-T15 | 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 | | | | - |

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

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

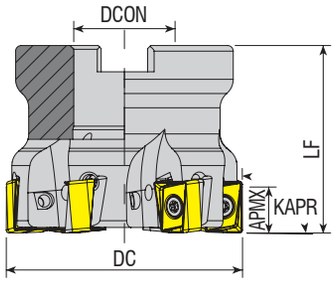
TGTC Ucuna Uygundur. / Compatible with TGTC Insert. / Kompatibel mit TGTC Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AFM90-AN11-D040-A16-Z04-H

Kesme Hesabı : S 377 / *Cutting Calculation : P 377* / *Schnittberechnung : P 377*
Montaj Ölçüleri : S 374 / *Mounting Reference : P 374* / *Montagehinweis : P374*

**KAPR=90°**



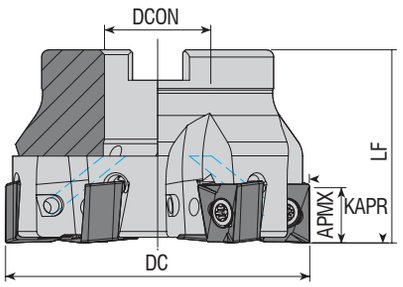



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | 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 |

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* | 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-AN1207-D040-A16-Z04-H** | ● | 40 | 4 | 16 | 40 | 10 | | | | 2506-M8x30 |
| **AFM90-AN1207-D050-A22-Z05-H** | ● | 50 | 5 | 22 | 40 | 10 | **ANKX 1207..** | | | |
| **AFM90-AN1207-D063-A22-Z06-H** | ● | 63 | 6 | 22 | 40 | 10 | | | | |
| **AFM90-AN1607X-D050-A22-Z04-H** | ● | 50 | 4 | 22 | 40 | 15 | | 4015-M4x11 | 80-T15 | 2508-M10x30 |
| **AFM90-AN1607X-D063-A22-Z06-H** | ● | 63 | 6 | 22 | 40 | 15 | **ANKX 1607..** | | | |
| **AFM90-AN1607X-D080-A27-Z07-H** | ● | 80 | 7 | 27 | 50 | 15 | | | | 2510-M12x35 |

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

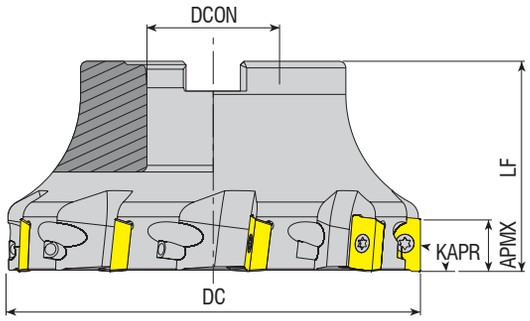
● *Stokta / In Stock / Auf Lager* ○ *Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage*

XTC-GSC Ucuna Uygundur. / Compatible with XTC-GSC Insert. / Kompatibel mit XTC-GSC Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AFM90-AN12-D040-A16-Z04-H

Kesme Hesabı : S 377 / *Cutting Calculation : P 377* / *Schnittberechnung : P 377*
Montaj Ölçüleri : S 374 / *Mounting Reference : P 374* / *Montagehinweis : P374*




| Takım 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  |
| new AFM90-AP10-D040-A16-Z04-H | ● | 40 | 4 | 16 | 35 | 10 | **AP.. 1003..** ISO UCUNA UYGUNDUR. *FOR ISO INSERT.* *Kompatibel mit ISO Wendeplatten.* | 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 |
| new AFM90-AP10-D050-A22-Z07-H | ● | 50 | 7 | 22 | 40 | 10 | | | | 3008-M2.5x6 |
| new AFM90-AP10-D063-A22-Z06 | ● | 63 | 6 | 22 | 40 | 10 | | | | |
| AFM90-AP10-D063-A22-Z07-H | ● | 63 | 7 | 22 | 40 | 10 | | | | 2508-M10x30 |
| new AFM90-AP10-D063-A22-Z09 | ● | 63 | 9 | 22 | 40 | 10 | | | | 3008-M2.5x6 |
| 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..** ISO UCUNA UYGUNDUR. *FOR ISO INSERT.* *Kompatibel mit ISO Wendeplatten.* | 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 | | | | |
| AFM90-AP16DJ-D050-A22-Z05-H | ● | 50 | 5 | 22 | 40 | 16 | **AP.. 1604..** DJT UCUNA UYGUNDUR. *FOR DJT INSERT.* *Kompatibel mit DJT* | | | 2508-M10x30 |
| AFM90-AP16DJ-D063-A22-Z06-H | ● | 63 | 6 | 22 | 40 | 16 | | | | |
| AFM90-AP16DJ-D080-A27-Z07-H | ● | 80 | 7 | 27 | 50 | 16 | | | | 2510-M12x35 |
| AFM90-AP16L-D050-A22-Z05-H | ● | 50 | 5 | 22 | 40 | 16 | **AP.. 1604..** LMN UCUNA UYGUNDUR. *FOR LMN INSERT.* *Kompatibel mit LMN* | | | 2508-M10x30 |
| AFM90-AP16L-D063-A22-Z06-H | ● | 63 | 6 | 22 | 40 | 16 | | | | |
| AFM90-AP16L-D080-A27-Z07-H | ● | 80 | 7 | 27 | 50 | 16 | | | | 2510-M12x35 |
| AFM90-AP16P-D040-A16-Z04-H | ● | 40 | 4 | 16 | 40 | 16 | **AP.. 1604..** PLBT UCUNA UYGUNDUR. *FOR PLBT INSERT.* *Kompatibel mit PLBT* | | | 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 |
| AFM90-AP16A-D050-A22-Z05-H | ● | 50 | 5 | 22 | 40 | 15 | **AP.. 1604..** ACHTK UCUNA UYGUNDUR. *FOR ACHTK INSERT.* *Kompatibel mit ACHTK* | | | 2508-M10x30 |
| AFM90-AP16A-D063-A22-Z06-H | ● | 63 | 6 | 22 | 40 | 15 | | | | |
| AFM90-AP16A-D080-A27-Z07-H | ● | 80 | 7 | 27 | 50 | 15 | | | | 2510-M12x35 |
| AFM90-AP16A-D100-A32-Z08-H | ● | 100 | 8 | 32 | 50 | 15 | | | | 2514-M16x35 |
| AFM90-AP16A-D125-B40-Z09 | ● | 125 | 9 | 40 | 63 | 15 | | | | - |
| AFM90-AP16Y-D040-A16-Z04-H | ● | 40 | 4 | 16 | 40 | 16 | **AP.. 1604..** YG UCUNA UYGUNDUR. *FOR YG INSERT.* *Kompatibel mit YG* | | | 2506-M8x30 |
| AFM90-AP16Y-D050-A22-Z05-H | ● | 50 | 5 | 22 | 40 | 16 | | | | 2508-M10x30 |
| AFM90-AP16Y-D063-A22-Z06-H | ● | 63 | 6 | 22 | 40 | 16 | | | | |
| AFM90-AP16Y-D080-A27-Z07-H | ● | 80 | 7 | 27 | 50 | 16 | | | | 2510-M12x30 |
| AFM90-AP16Y-D100-A32-Z08-H | ● | 100 | 8 | 32 | 50 | 16 | | | | 2510-M12x35 |

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

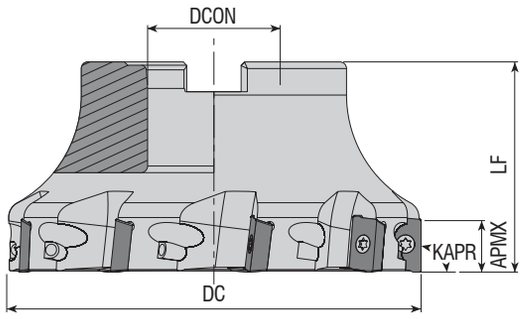
● *Stokta / In Stock / Auf Lager* ○ *Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage*

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AFM90-AP10-D040-A16-Z04-H

Kesme Hesabı : S 377 / *Cutting Calculation : P 377* / *Schnittberechnung : P 377*
Montaj Ölçüleri : S 374 / *Mounting Reference : P 374* / *Montagehinweis : P374*

**KAPR=90°**



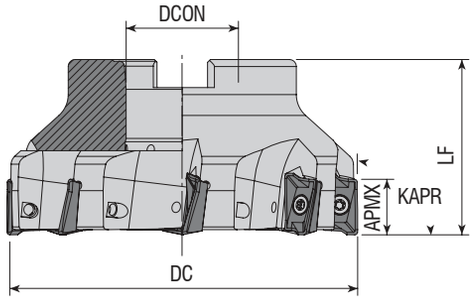



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX |  | Sıkma Vidası *Screw* *Schraube*  | Tork Anahtar *Torx Key* *Torx-Schlüssel*  | Montaj Vidası *Mounting Screw* *Befestigungsschraube*  |
| **AFM90-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 |

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-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*

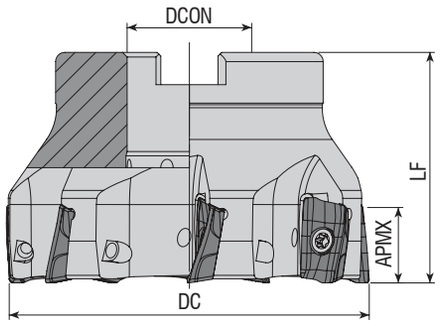
● *Stokta / In Stock / Auf Lager* ○ *Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage*

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

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AFM90-AP1705-D050-A22-Z05-H

Kesme Hesabı : S 377 / *Cutting Calculation : P 377* / *Schnittberechnung : P 379*
Montaj Ölçüleri : S 374 / *Mounting Reference : P 374* / *Montagehinweis : P374*

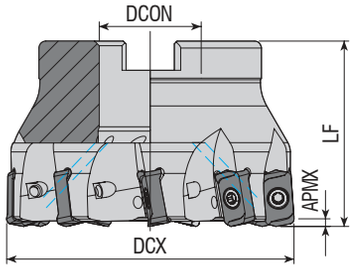



| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* | | | | | Kesici Uç / *Insert* / *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX |  | Sıkma Vidası / *Screw* / *Schraube*  | Tork Anahtar / *Torx Key* / *Torx-Schlüssel*  | Montaj Vidası / *Mounting Screw* / *Befestigungsschraube*  |
| **AFM90-BD11T3-D040-A16-Z04-H** | ● | 40 | 4 | 16 | 40 | 10 | **BDMT 11T3..** | 3008-M2.5x6 | 82-T08 | 2506-M8x30 |
| **AFM90-BD11T3-D040-A16-Z05-H** | ● | 40 | 5 | 16 | 40 | 10 | | | | |
| **AFM90-BD11T3-D050-A22-Z05-H** | ● | 50 | 5 | 22 | 40 | 10 | | | | |
| **AFM90-BD11T3-D063-A22-Z06-H** | ● | 63 | 6 | 22 | 40 | 10 | | | | 2508-M10x30 |
| **AFM90-BD1704-D050-A22-Z04-H** | ● | 50 | 4 | 22 | 40 | 15.7 | **BDMT 1704..** | 4015-M4x11 | 80-T15 | |
| **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 |

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* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX |  | Sıkma Vidası / *Screw* / *Schraube*  | Tork Anahtar / *Torx Key* / *Torx-Schlüssel*  | Montaj Vidası / *Mounting Screw* / *Befestigungsschraube*  |
| **AFM90-L01004-D040-A16-Z05-H** | ● | 40 | 5 | 16 | 40 | 10 | **LOMU 1004..** | 1108-M3x6.8 | 82-T08 | 2506-M8x30 |
| **AFM90-L01004-D050-A22-Z05-H** | ● | 50 | 5 | 22 | 40 | 10 | | | | |
| **AFM90-L01004-D063-A22-Z06-H** | ● | 63 | 6 | 22 | 40 | 10 | | | | |
| **AFM90-L01505-D050-A22-Z04-H** | ● | 50 | 4 | 22 | 40 | 15 | **LOMU 1505..** | 3015-M4x11 | 80-T15 | 2508-M10x30 |
| **AFM90-L01505-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*

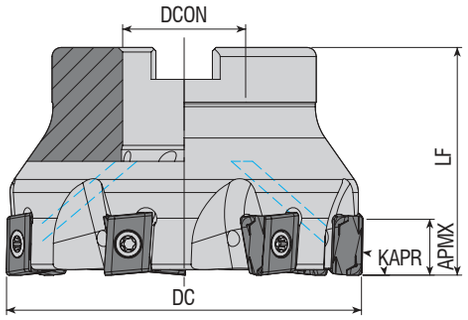
KYCR Ucuna Uygundur. / Compatible with KYCR Insert. / Kompatibel mit KYCR Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AFM90-BD11T3-D040-A16-Z04-H

Kesme Hesabı : S 377 / *Cutting Calculation : P 377* / *Schnittberechnung : P 377*
Montaj Ölçüleri : S 374 / *Mounting Reference : P 374* / *Montagehinweis : P374*

**KAPR=90°**





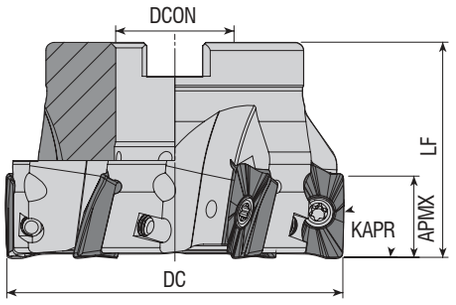

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | 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 |

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.

Kesme Hesabı : S 377 / *Cutting Calculation : P 377* / *Schnittberechnung : P 377*
Montaj Ölçüleri : S 374 / *Mounting Reference : P 374* / *Montagehinweis : P374*

**KAPR=90°**



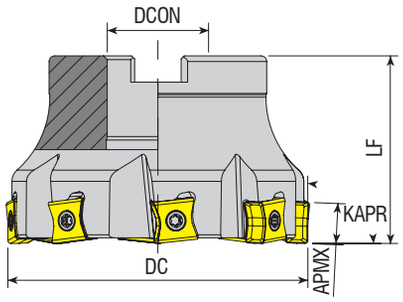



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | 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 | | | | |

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

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AFM90-LN1506X-D063-A22-Z06




| Takım 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-D050-A22-Z05 | ● | 50 | 5 | 22 | 40 | 10 | LNMT 1106.. | 4015-M3.5x11 | 80-T15 | 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-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*

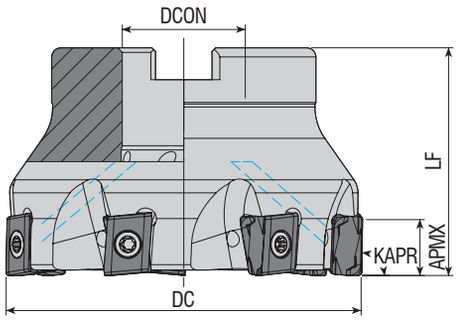
1 ad./pcs./stück AFM90-LN1106-D050-A22-Z05

Kesme Hesabı : S 377 / *Cutting Calculation : P 377* / *Schnittberechnung : P 377*

Montaj Ölçüleri : S 374/ *Mounting Reference : P 374* / *Montagehinweis : P374*

**KAPR=90°**



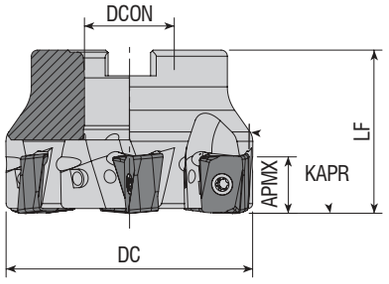



| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* | | | | | Kesici Uç / *Insert* / *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Sıkma Vidası / *Screw* / *Schraube* | Tork Anahtar / *Torx Key* / *Torx-Schlüssel* | Montaj Vidası / *Mounting Screw* / *Befestigungsschraube* |
| new 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 |
| new AFM90-LN1306W-D100-A32-Z08-H | ● | 100 | 8 | 32 | 50 | 12 | | | | 2514-M16x35 |

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-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*

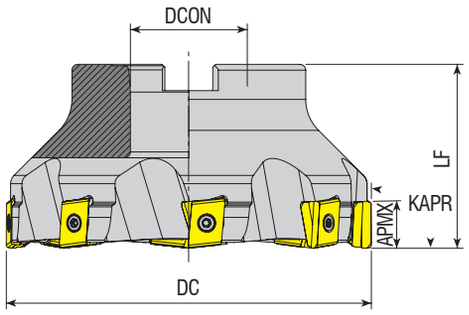
WLTR Ucuna Uygundur. / Compatible with WLTR Insert. / Kompatibel mit WLTR Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AFM90-LN1306W-D040-A16-Z04-H

Kesme Hesabı : S 367 / *Cutting Calculation : P 367* / *Schnittberechnung : P 367*
Montaj Ölçüleri : S 364 / *Mounting Reference : P 364* / *Montagehinweis : P364*

**KAPR=90°**



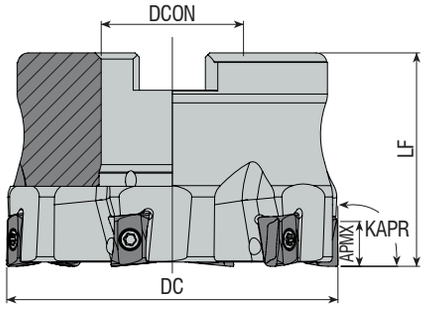



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | 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 | | | | - |

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-L008-D040-A16-Z06-H** | ● | 40 | 6 | 16 | 40 | 2 | **LOEX 0804..** | 3008-M2.5x8 | 82-T08 | 2506-M8x30 |
| **AFM90-L008-D050-A22-Z07-H** | ● | 50 | 7 | 22 | 40 | 2 | | | | 2508-M10x30 |
| **AFM90-L008-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.

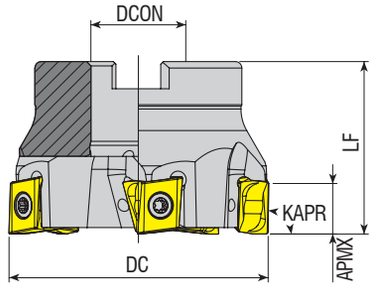
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AFM90-LN15Z-D050-A22-Z04

Kesme Hesabı : S 367 / *Cutting Calculation : P 367* / *Schnittberechnung : P 367*

Montaj Ölçüleri : S 364 / *Mounting Reference : P 364* / *Montagehinweis : P364*

**KAPR=90°**



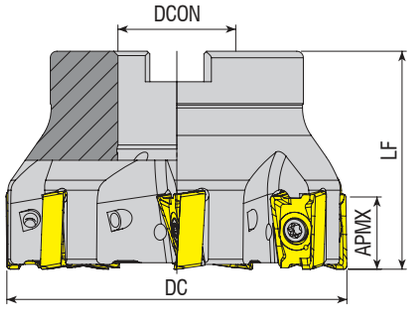



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX |  | Sıkma Vidası *Screw* *Schraube*  | Tork Anahtar *Torx Key* *Torx-Schlüssel*  | Montaj Vidası *Mounting Screw* *Befestigungsschraube*  |
| new **AFM90-L00904-D040-A16-Z06-H** | ● | 40 | 6 | 16 | 40 | 8 | **LOGU 0904..** | 3007-M2.7x8 | 82-T07 | 2506-M8x30 |
| new **AFM90-L00904-D050-A22-Z05-H** | ● | 50 | 5 | 22 | 40 | 8 | | | | 2508-M10x30 |
| new **AFM90-L00904-D050-A22-Z07-H** | ● | 50 | 7 | 22 | 40 | 8 | | | | |
| new **AFM90-L00904-D063-A22-Z06-H** | ● | 63 | 6 | 22 | 40 | 8 | | | | |
| **AFM90-L01207-D040-A16-Z04-H** | ● | 40 | 4 | 16 | 40 | 11 | **LOGU 1207..** | 3015-M4x11 | 80-T15 | 2506-M8x30 |
| **AFM90-L01207-D050-A22-Z05-H** | ● | 50 | 5 | 22 | 40 | 11 | | | | 2508-M10x30 |
| **AFM90-L01207-D063-A22-Z05-H** | ● | 63 | 5 | 22 | 40 | 11 | | | | |
| new **AFM90-L01207-D063-A22-Z06-H** | ● | 63 | 6 | 22 | 40 | 11 | | | | |
| new **AFM90-L01207-D080-A27-Z07-H** | ● | 80 | 7 | 27 | 50 | 11 | | | | 2510-M12x35 |
| new **AFM90-L01207-D100-A32-Z07-H** | ● | 100 | 7 | 32 | 50 | 11 | | | | 2514-M16x35 |

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-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*

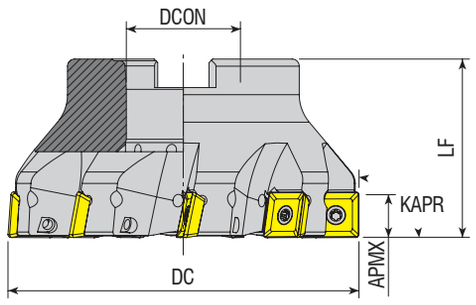
KNMTL Ucuna Uygundur. / Compatible with KNMTL Insert. / Kompatibel mit KNMTL Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AFM90-L009-D040-A16-Z06-H

Kesme Hesabı : S 377 / *Cutting Calculation : P 377* / *Schnittberechnung : P 377*
Montaj Ölçüleri : S 374 / *Mounting Reference : P 374* / *Montagehinweis : P374*

**KAPR=90°**



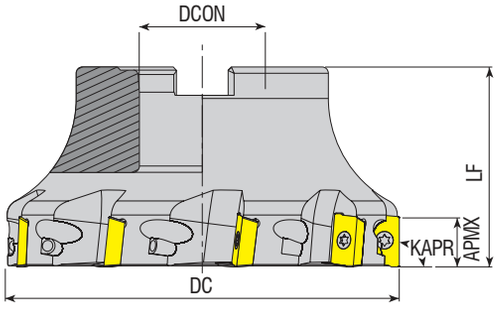



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| | | DC | ZEFP | DCON | LF | APMX |  |  |  |  |
| **AFM90-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 | | | | - |

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-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 | | | | - |

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

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

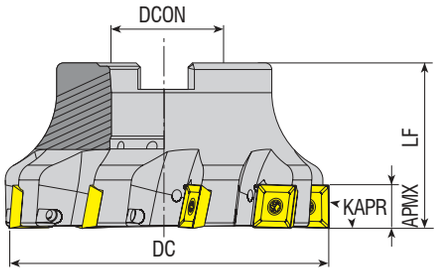
SNDVK Ucuna Uygundur. / Compatible with SNDVK Insert. / Kompatibel mit SNDVK Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AFM90-R290.12-D050-A22-Z04-H

Kesme Hesabı : S 377 / *Cutting Calculation : P 377* / *Schnittberechnung : P 377*
Montaj Ölçüleri : S 374 / *Mounting Reference : P 374* / *Montagehinweis : P374*

**KAPR=90°**



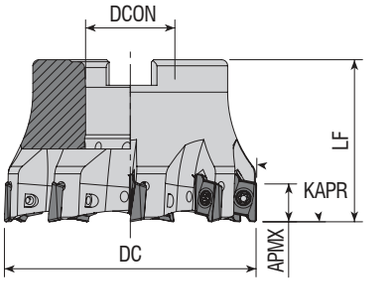



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| | | DC | ZEFP | DCON | LF | APMX |  |  |  |  |
| **AFM90-490R08-D063-A22-Z06-H** | ● | 63 | 6 | 22 | 40 | 5.5 | **490R-08T3..** | 3008-M2.5x6 | 82-T08 | 2508-M10x30 |
| **AFM90-490R14-D050-A22-Z04-H** | ● | 50 | 4 | 22 | 40 | 10 | | | | |
| **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 | **490R-1404..** | 4015-M3.5x11 | 80-T15 | 2514-M16x35 |
| **AFM90-490R14-D125-B40-Z08** | ● | 125 | 8 | 40 | 63 | 10 | | | | |
| new **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 | | | | |

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-RT10-D040-A16-Z06-H** | ● | 40 | 6 | 16 | 40 | 10 | | | | 2506-M8x30 |
| **AFM90-RT10-D050-A22-Z07-H** | ● | 50 | 7 | 22 | 40 | 10 | **RT 1003** | 3008-M2.5x6 | 82-T08 | |
| **AFM90-RT10-D063-A22-Z09-H** | ● | 63 | 9 | 22 | 40 | 10 | | | | 2407-M10x30 |
| new **AFM90-RT16-D040-A16-Z04-H** | ● | 40 | 4 | 16 | 40 | 16 | | | | 2506-M8x30 |
| new **AFM90-RT16-D063-A22-Z06-H** | ● | 63 | 6 | 22 | 40 | 16 | **RT 1606** | 4015-M4x11 | 80-T15 | 2508-M10x30 |
| new **AFM90-RT16-D080-A27-Z07-H** | ● | 80 | 7 | 27 | 50 | 16 | | | | 2510-M12x35 |
| new **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*

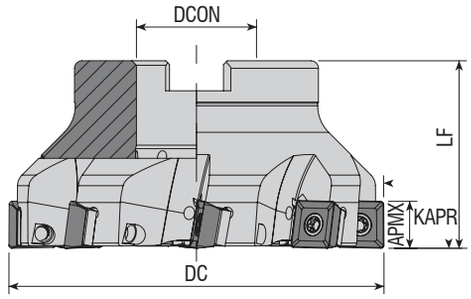
SFTY Ucuna Uygundur. / Compatible with SFTY Insert. / Kompatibel mit SFTY Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AFM90-490R08-D063-A22-Z06-H

Kesme Hesabı : S 377 / *Cutting Calculation : P 377* / *Schnittberechnung : P 377*
Montaj Ölçüleri : S 374 / *Mounting Reference : P 374* / *Montagehinweis : P374*

**KAPR=90°**



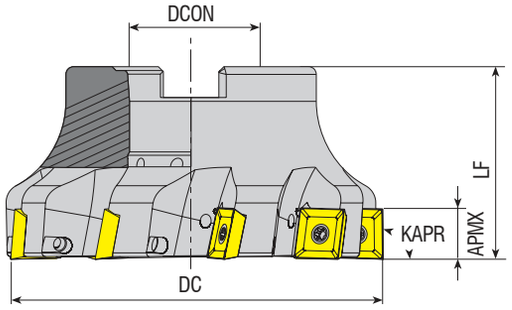



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | 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 | | | | | | 2508-M10x30 |
| AFM90S-SD1204-D080-A27-Z06-H | ● | 80 | 6 | 27 | 50 | 11 | | | AAV-06-M3.5x11 | 4015-M3.5x14 | | 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 | | | | | | |

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-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 | | | | |
| AFM90-SD09M4-D080-A27-Z07-H | ● | 80 | 7 | 27 | 50 | 9 | | | | 2510-M12x35 |
| 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*

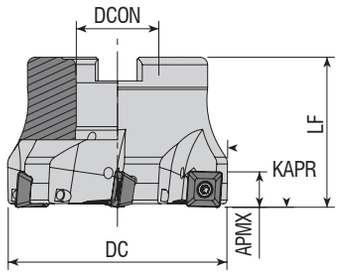
KRLY Ucuna Uygundur. / Compatible with KRLY Insert. / Kompatibel mit KRLY Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AFM90S-SD1204-D050-A22-Z04-H

Kesme Hesabı : S 377 / *Cutting Calculation : P 377* / *Schnittberechnung : P 377*
Montaj Ölçüleri : S 374 / *Mounting Reference : P 374* / *Montagehinweis : P374*

**KAPR=90°**



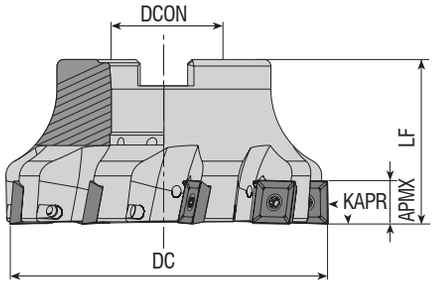



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | 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 | | | | |

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-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 | | | | |
| **AFM90-SE12-D080-A27-Z07-H** | ● | 80 | 7 | 27 | 50 | 12 | | | | 2510-M12x35 |
| **AFM90-SE12-D100-A32-Z09-H** | ● | 100 | 9 | 32 | 50 | 12 | | | | 2514-M16x35 |
| **AFM90-SE12-D125-B40-Z11** | ● | 125 | 11 | 40 | 63 | 12 | | | | - |

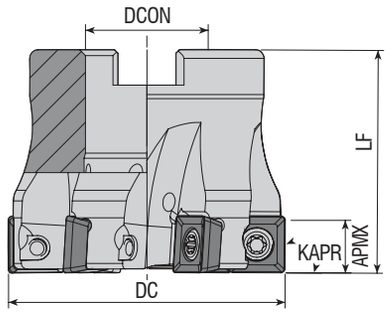
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*

● *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

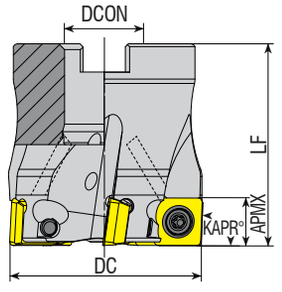



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX |  | Sıkma Vidası *Screw* *Schraube*  | Tork Anahtar *Torx Key* *Torx-Schlüssel*  | Montaj Vidası *Mounting Screw* *Befestigungsschraube*  |
| **AFM90-SP1004-D040-A16-Z04-H** | ● | 40 | 4 | 16 | 40 | 9.4 | | | | 2506-M8x30 |
| **AFM90-SP1004-D050-A22-Z04-H** | ● | 50 | 4 | 22 | 40 | 9.4 | **SPMT 1004..** | | | |
| **AFM90-SP1004-D050-A22-Z06-H** | ● | 50 | 6 | 22 | 40 | 9.4 | **XPMT 1004..** | 4015-M4x10 | 80-T15 | 2508-M10x30 |
| **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.




| Takım 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-SP09T3-D040-A16-Z05-H** | ● | 40 | 5 | 16 | 40 | 8.6 | | | | 2506-M8x30 |
| **AFM90-SP09T3-D050-A22-Z06-H** | ● | 50 | 6 | 22 | 40 | 8.6 | **SPMT 09T3..** | 3010-M3.5x9 | 82-T10 | 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 |

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.

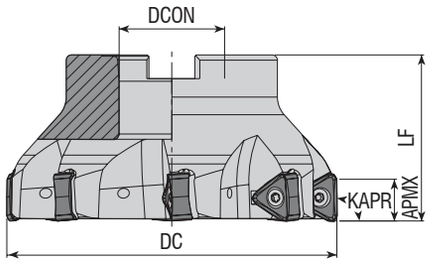
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AFM90-SP1004-D040-A16-Z04-H

Kesme Hesabı : S 377 / *Cutting Calculation : P 377* / *Schnittberechnung : P 377*
Montaj Ölçüleri : S 374 / *Mounting Reference : P 374* / *Montagehinweis : P374*

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* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 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 | | | | |
| 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 | | | | |
| AFM90-TNG16-D125-A40-Z09-H | ○ | 125 | 9 | 40 | 63 | 10 | | | | 2514-M16X35 |
| 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*

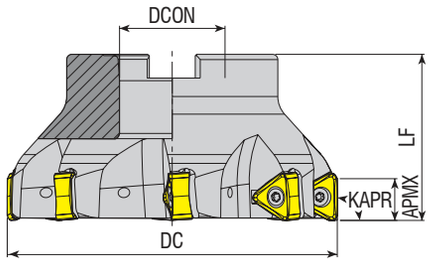
● *Stokta / In Stock / Auf Lager* ○ *Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage*

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

**KAPR=90°**



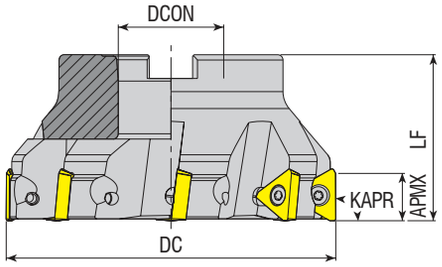




| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | 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 | | | | - |

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-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*

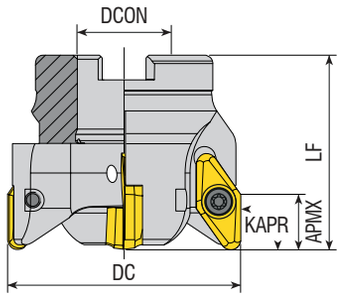
TGTC Ucuna Uygundur. / Compatible with TGTC Insert. / Kompatibel mit TGTC Wendeplatten.

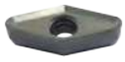
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AFM90-TN2207-D063-A22-Z04-H

Kesme Hesabı : S 377 / *Cutting Calculation : P 377* / *Schnittberechnung : P 377*
Montaj Ölçüleri : S 374 / *Mounting Reference : P 374* / *Montagehinweis : P374*

**KAPR=90°**



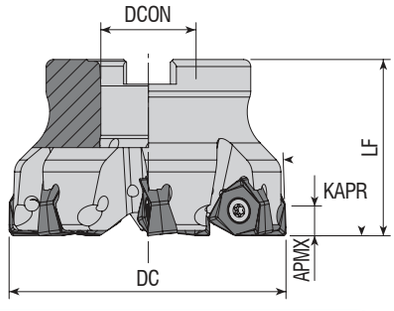



| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* | | | | | Kesici Uç / *Insert* / *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 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 | | | | |

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-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 | | | | 2508-M10x30 |
| **AFM90-WNG04-D050-A22-Z07-H** | ● | 50 | 7 | 22 | 40 | 4 | | | | |
| **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 |
| new **AFM90-WNG08-D100-A32-Z07-H** | ● | 100 | 10 | 32 | 50 | 7.5 | | | | 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*

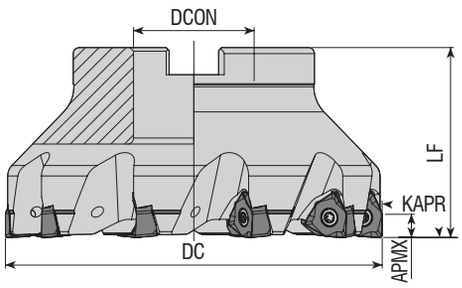
XTC-GSC Ucuna Uygundur. / Compatible with XTC-GSC Insert. / Kompatibel mit XTC-GSC Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AFM90-VC2205-D050-A22-Z03-H

Kesme Hesabı : S 377 / *Cutting Calculation : P 377* / *Schnittberechnung : P 377*
Montaj Ölçüleri : S 374 / *Mounting Reference : P 374* / *Montagehinweis : P374*

**KAPR=90°**



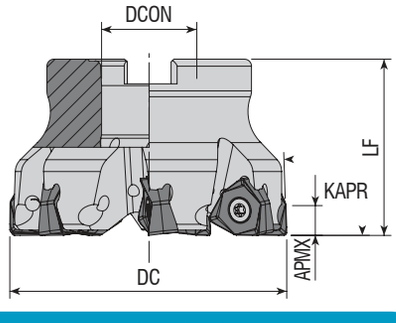



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | 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 | | | | |

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-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 |

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

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

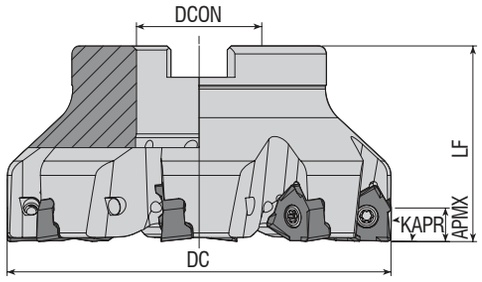
KYCR-JD Ucuna Uygundur. / Compatible with KYCR-JD Insert. / Kompatibel mit KYCR-JD Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AFM90-WN0604Z-D040-A16-Z04-H

Kesme Hesabı : S 377 / *Cutting Calculation : P 377* / *Schnittberechnung : P 377*
Montaj Ölçüleri : S 374 / *Mounting Reference : P 374* / *Montagehinweis : P374*

**KAPR=90°**



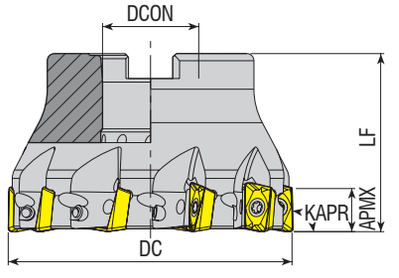



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | 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-D063-A22-Z05-H** | ● | 63 | 5 | 22 | 40 | 7.5 | | | | |
| **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 |

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 |

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

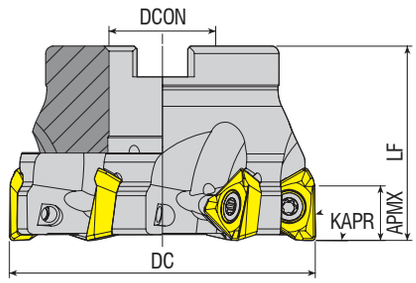
● *Stokta / In Stock / Auf Lager* ○ *Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage*

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 377 / *Cutting Calculation : P 377* / *Schnittberechnung : P 377*
Montaj Ölçüleri : S 374 / *Mounting Reference : P 374* / *Montagehinweis : P374*

**KAPR=90°**



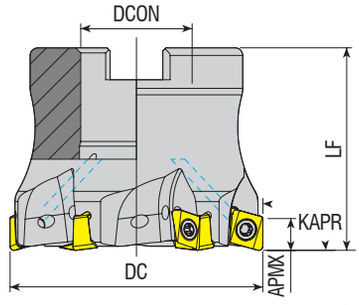


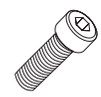

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | 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 | | | | - |
| new AFM90-3P1906-D080-A27-Z07-H | ● | 80 | 7 | 27 | 50 | 15 | **3PKT 1906..** | 1120-M4.5x12 | 80-T20 | 2514-M16x35 |
| new AFM90-3P1906-D100-A32-Z08-H | ● | 100 | 8 | 32 | 50 | 15 | | | | |
| new AFM90-3P1906-D125-B40-Z10 | ● | 125 | 10 | 40 | 63 | 15 | | | | |

TGTC Ucuna Uygundur. / Compatibel 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 |

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

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

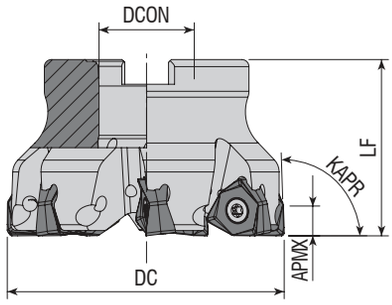
TGTC Ucuna Uygundur. / Compatible with TGTC Insert. / Kompatibel mit TGTC Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AFM90-3P1004-D040-A16-Z05-H

Kesme Hesabı : S 377 / *Cutting Calculation : P 377* / *Schnittberechnung : P 377*
Montaj Ölçüleri : S 374 / *Mounting Reference : P 374* / *Montagehinweis : P374*

**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 |
| **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 | | | | - |

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

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

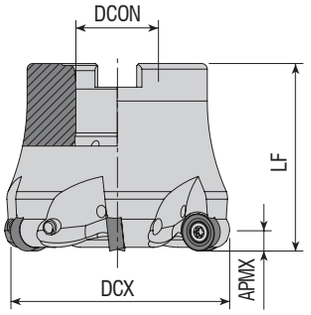
MTSBH Ucuna Uygundur. / Compatible with MTSBH Insert. / Kompatibel mit MTSBH Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AFM90-6N09-D050-A22-Z05-H

Kesme Hesabı : S 377 / *Cutting Calculation : P 377* / *Schnittberechnung : P 377*
Montaj Ölçüleri : S 374 / *Mounting Reference : P 374* / *Montagehinweis : P374*



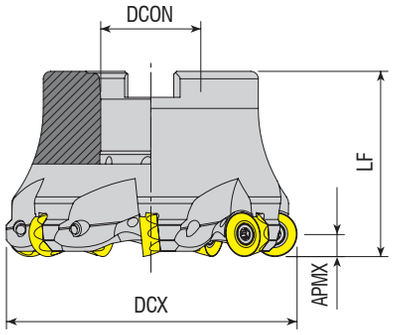





| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* | | | | | Kesici Uç / *Insert* / *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 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 | | | | |

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-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** | ● | 80 | 6 | 27 | 50 | 6 | | | | 2510-M12x35 |
| **AFMR-RC1204-D080-A27-Z07-H** | ● | 80 | 7 | 27 | 50 | 6 | | | | |

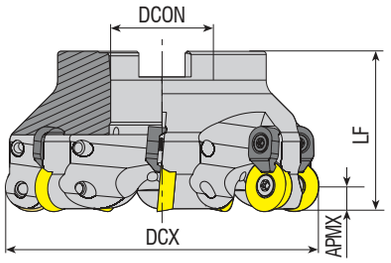
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*

● *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 AFMR-RC10T3-D040-A16-Z04-H
Kesme Hesabı : S 377 / *Cutting Calculation : P 377* / *Schnittberechnung : P 377*
Montaj Ölçüleri : S 374 / *Mounting Reference : P 374* / *Montagehinweis : P374*






| Takım 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 | | | | | | |
| 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 | | | | |
| new AFMRC-RD1003-D040-A16-Z04-H | ● | 40 | 4 | 16 | 40 | 5 | | 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 | RD.. 1003 | | | | | |
| AFMRC-RD1003-D063-A22-Z06-H | ● | 63 | 6 | 22 | 50 | 5 | | | | | | 2510-M12X35 |
| new AFMRC-RD1003-D066-A27-Z07-H | ● | 66 | 7 | 27 | 50 | 5 | | | | | | |
| AFMRC-RD1003-D080-A27-Z07-H | ● | 80 | 7 | 27 | 50 | 5 | | | | | | 2514-M16x35 |
| AFMRC-RD1003-D100-A32-Z08-H | ● | 100 | 8 | 32 | 50 | 5 | | | | | | |
| new AFMR-RD1004-D063-A22-Z06-H | ● | 63 | 6 | 22 | 50 | 50 | RD.. 1004 | 4515-M4x8 | | | | |
| new AFMRC-RD10T3-D040-A16-Z05-H | ● | 40 | 5 | 16 | 40 | 5 | | | | | | 2406-M8X30 |
| new 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 | RD.. 10T3 | | | | | |
| new AFMRC-RD10T3-D052-A22-Z06-H | ● | 52 | 6 | 22 | 40 | 5 | | | | | | |
| new AFMRC-RD10T3-D063-A22-Z06-H | ● | 63 | 6 | 22 | 50 | 5 | | | | | | |
| new AFMR-RD12T3-D066-A27-Z06-H | ● | 66 | 6 | 22 | 50 | 50 | | 4015-M3.5x9 | | | | 2406-M8X30 |
| AFMRC-RD12T3-D040-A16-Z04-H | ● | 40 | 4 | 27 | 50 | 6 | | | | | | |
| AFMRC-RD12T3-D050-A22-Z05-H | ● | 50 | 5 | 16 | 40 | 6 | | | | | | |
| AFMRC-RD12T3-D052-A22-Z05-H | ● | 52 | 5 | 22 | 50 | 6 | | | | | | 2508-M10X30 |
| AFMRC-RD12T3-D063-A22-Z06-H | ● | 63 | 6 | 22 | 50 | 6 | RD.. 12T3 | 4015-M3.5x11 | ACK-15 | 4015-M3.5x11 | 80-T15 | 2510-M12X35 |
| AFMRC-RD12T3-D080-A27-Z07-H | ● | 80 | 7 | 22 | 50 | 6 | | | | | | 2514-M16x35 |
| AFMRC-RD12T3-D100-A32-Z08-H | ● | 100 | 8 | 27 | 50 | 6 | | | | | | |
| AFMRC-RD12T3-D125-B40-Z09 | ● | 125 | 9 | 32 | 50 | 6 | | | | | | - |
| AFMRC-RD1204-D040-A16-Z04-H | ● | 40 | 4 | 40 | 63 | 6 | | | | | | 2406-M8X30 |
| new AFMRC-RD1204-D042-A16-Z04-H | ● | 42 | 4 | 16 | 40 | 6 | | | | | | |
| AFMRC-RD1204-D050-A22-Z05-H | ● | 50 | 5 | 16 | 40 | 6 | | | | | | 2508-M10X30 |
| AFMRC-RD1204-D052-A22-Z05-H | ● | 52 | 5 | 22 | 50 | 6 | | | | | | |
| AFMRC-RD1204-D063-A22-Z06-H | ● | 63 | 6 | 22 | 50 | 6 | RD.. 1204 | | | | | |
| AFMRC-RD1204-D080-A27-Z07-H | ● | 80 | 7 | 22 | 50 | 6 | | | | | | 2510-M12X35 |
| AFMRC-RD1204-D100-A32-Z07-H | ● | 100 | 7 | 27 | 50 | 6 | | | | | | 2514-M16x35 |
| AFMRC-RD1204-D100-A32-Z08-H | ● | 100 | 8 | 32 | 50 | 6 | | | | | | |
| AFMRC-RD1604-D050-A22-Z04-H | ● | 50 | 4 | 32 | 50 | 6 | | | | | | 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 | RD.. 1604 | 4015-M4.5x11 | ACK-05 | 4015-M4x11 | | |
| AFMRC-RD1604-D066-A27-Z05-H | ● | 66 | 5 | 22 | 50 | 8 | | | | | | 2510-M12X35 |
| AFMRC-RD1604-D080-A27-Z06-H | ● | 80 | 6 | 27 | 50 | 8 | | | | | | |
| AFMRC-RD1604-D100-A32-Z07-H | ● | 100 | 7 | 27 | 50 | 8 | | | | | | 2514-M16x35 |
| AFMRC-RD1604-D125-B40-Z07 | ● | 125 | 7 | 32 | 50 | 8 | | | | | | |
| AFMRC-RD1604-D160-C40-Z08 | ● | 160 | 8 | 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*

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

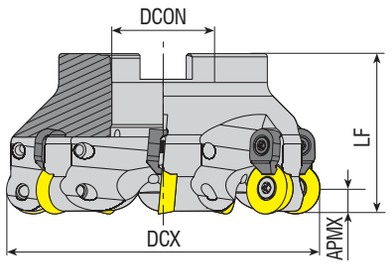
Sipariş Örneği/Ordering Example/*Bestellbeispiel*

1 ad./pcs./stück AFMR-RD0702-D050-A22-Z06-H

Kesme Hesabı : S 377 / *Cutting Calculation : P 377* / *Schnittberechnung : P 377*

Montaj Ölçüleri : S 374 / *Mounting Reference : P 374* / *Montagehinweis : P374*

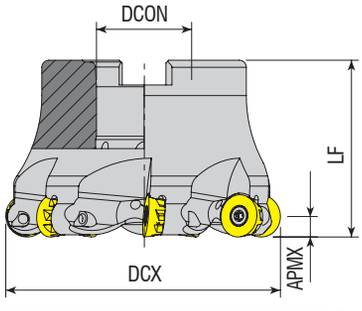





| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | 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* |
| **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 |

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 | 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-D080-A27-Z07-H** | ● | 80 | 7 | 27 | 50 | 6 | | | | 2510-M12x35 |

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

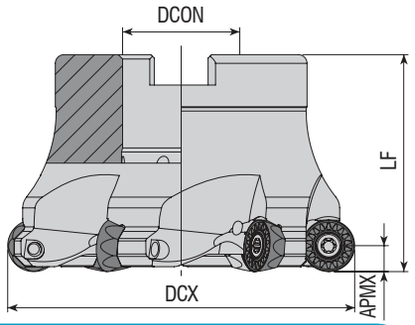
● *Stokta / In Stock / Auf Lager* ○ *Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage*

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

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AFMRC-RO20-D063-A22-Z05-H

Kesme Hesabı : S 377 / *Cutting Calculation : P 377* / *Schnittberechnung : P 377*
Montaj Ölçüleri : S 374 / *Mounting Reference : P 374* / *Montagehinweis : P374*

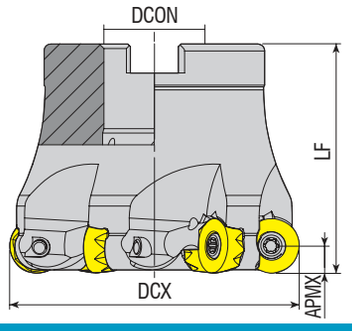





| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | DCON | LF | APMX |  | Sıkma Vidası *Screw* *Schraube*  | Tork Anahtar *Torx Key* *Torx-Schlüssel*  | Montaj Vidası *Mounting Screw* *Befestigungsschraube*  |
| new AFMR-RP1204M-D042-A16-Z04-H | ● | 42 | 4 | 16 | 40 | 6 | **RPMT 1204..** | 4015-M4x11 | 80-T15 | 2406-M8x30 |
| 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 | | | | 2510-M12x35 |
| AFMR-RP1204M-D080-A27-Z06-H | ● | 80 | 6 | 27 | 50 | 6 | | | | |

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-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 | | | | 2510-M12x35 |
| AFMR-RY12-D080-A27-Z06-H | ● | 80 | 6 | 27 | 50 | 6 | | | | |
| AFMR-RY12-D100-A32-Z07-H | ● | 100 | 7 | 32 | 50 | 6 | | | | 2514-M16x35 |

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

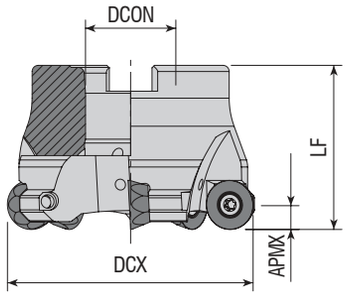
● *Stokta / In Stock / Auf Lager* ○ *Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage*

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

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AFMR-RP1204M-D042-A16-Z04-H

Kesme Hesabı : S 377 / *Cutting Calculation : P 377* / *Schnittberechnung : P 377*
Montaj Ölçüleri : S 374 / *Mounting Reference : P 374* / *Montagehinweis : P374*

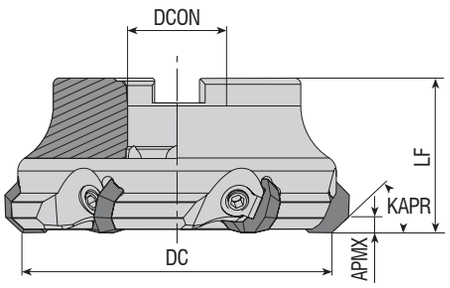





| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | Stok / *Stock* / *Lager* | Takım Ölçüleri (mm) / *Dimension (mm)* / *Abmessung (mm)* | | | | | Kesici Uç / *Insert* / *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | DCON | LF | APMX |  | Sıkma Vidası / *Screw* / *Schraube*<br>  | Tork Anahtar / *Torx Key* / *Torx-Schlüssel*<br>  | Montaj Vidası / *Mounting Screw* / *Befestigungsschraube*<br>  |
| **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 | | | | |

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 |  | Baskı Parçası / *Wedge Clamp* / *Spannpratze*<br>  | Baskı Vidası / *Clamp Screw* / *Klemmschraube*<br>  | Anahtar / *Allen Key* / *Innensechskantschlüssel*<br>  | Montaj Vidası / *Mounting Screw* / *Befestigungsschraube*<br>  |
| **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 | | | | | |

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

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

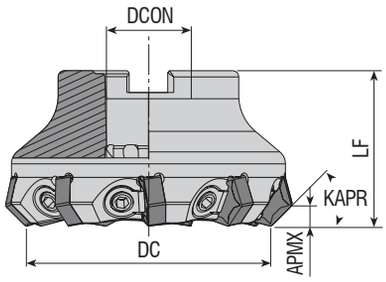
ISO Ucuna Uygundur. / Compatible with ISO Insert. / Kompatibel mit ISO Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AFMR-QP10T3-D040-A16-Z04-H

Kesme Hesabı : S 377 / *Cutting Calculation : P 377* / *Schnittberechnung : P 377*
Montaj Ölçüleri : S 374 / *Mounting Reference : P 374* / *Montagehinweis : P374*

**KAPR=45°**



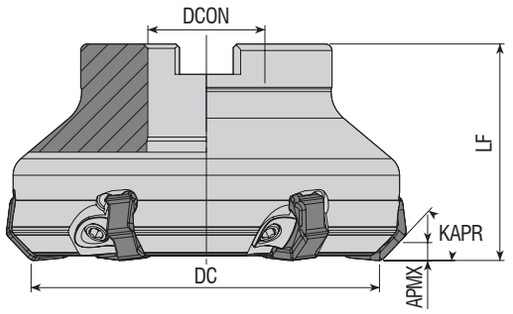


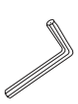

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | 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 | | | | | |

WDA-KNMTL Ucuna Uygundur. / Compatible with WDA-KNMTL Insert. / Kompatibel mit WDA-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-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 | | | | | |

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

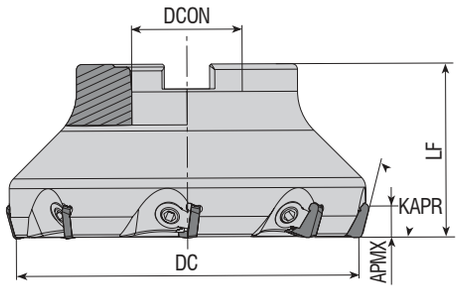
● *Stokta / In Stock / Auf Lager* ○ *Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage*

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

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AFM45C-HN0905-D063-A22-Z07
Kesme Hesabı : S 377 / *Cutting Calculation : P 377* / *Schnittberechnung : P 377*
Montaj Ölçüleri : S 374 / *Mounting Reference : P 374* / *Montagehinweis : P374*

**KAPR=75°**



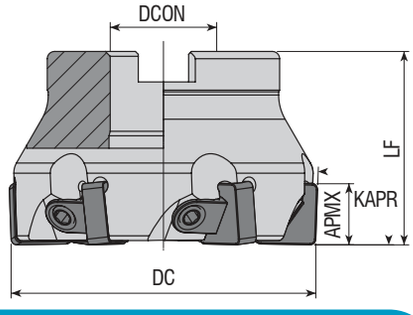



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | 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 | | | AKV-13-M8x1x16 | | 2510-M12x35 |
| **AFM75C-SP12-D080-A27-Z06** | ● | 80 | 6 | 27 | 50 | 8 | | | | | 2514-M16x35 |
| **AFM75C-SP12-D100-A32-Z07** | ● | 100 | 7 | 32 | 50 | 8 | | | | | - |
| **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 | | | | | |

ISO Ucuna Uygundur. / Compatible with ISO Insert. / Kompatibel mit ISO 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 | | | | | 2510-M12x35 |
| **AFM88C-SN1204-D080-A27-Z07** | ● | 80 | 7 | 27 | 50 | 11 | | | | | 2514-M16x35 |
| **AFM88C-SN1204-D100-A32-Z08** | ● | 100 | 8 | 32 | 50 | 11 | | | | | - |
| **AFM88C-SN1204-D125-B40-Z11** | ● | 125 | 11 | 40 | 63 | 11 | | | | | |

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

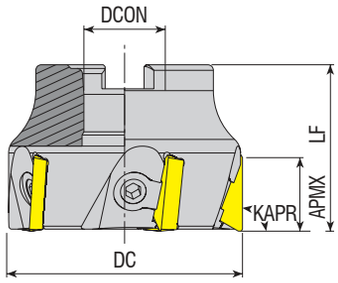
● *Stokta / In Stock / Auf Lager* ○ *Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage*

UNIN-NT.-KYCR Ucuna Uygundur. / Compatible with UNIN-NT.-KYCR Insert. / Kompatibel mit UNIN-NT.-KYCR Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AFM75C-SP12-D050-A22-Z04

**KAPR=90°**

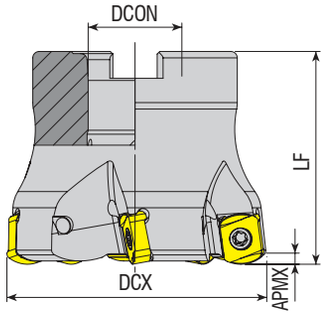





| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | 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 | | | | | 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 | **TP. 2204..** | ACK-11 | AKV-14-M8x1x18 | | - |
| **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 | | | | | |

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* | 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 | 40 | 1 | | | | |
| **AHFM-BL0904-D040-A16-Z05-H** | ● | 40 | 5 | 16 | 40 | 2 | **BLMP 0904..** | 3010-M3.5x9 | 82-T10 | |
| **AHFM-BL0904-D050-A22-Z06-H** | ● | 50 | 6 | 22 | 50 | 2 | | | | 2508-M10x30 |
| **AHFM-BL0904-D063-A22-Z05-H** | ● | 63 | 5 | 22 | 50 | 2 | | | | |
| **AHFM-BL0904-D063-A22-Z07-H** | ● | 63 | 7 | 22 | 50 | 2 | | | | |

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

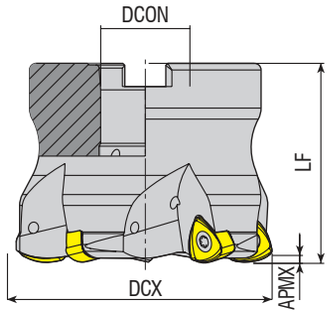
● *Stokta / In Stock / Auf Lager* ○ *Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage*

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

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AFM90C-TP16-D050-A22-Z04

Kesme Hesabı : S 377 / *Cutting Calculation : P 377* / *Schnittberechnung : P 377*
Montaj Ölçüleri : S 374 / *Mounting Reference : P 374* / *Montagehinweis : P374*

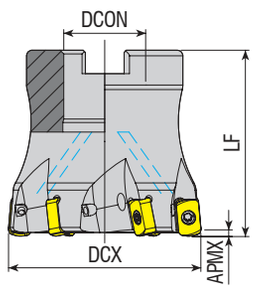





| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | 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 | 40 | 2 | | | | |
| **AHFM-BL1205-D080-A27-Z05-H** | ● | 80 | 5 | 27 | 50 | 2 | | | | 2510-M12x35 |

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-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 | | | | |

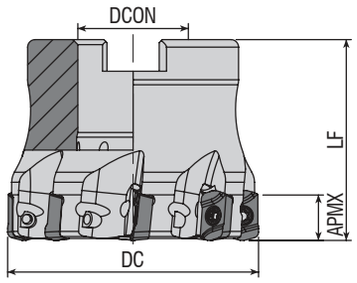
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*

● *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-BL1205-D050-A22-Z03-H
Kesme Hesabı : S 377 / *Cutting Calculation : P 377* / *Schnittberechnung : P 377*
Montaj Ölçüleri : S 374/ *Mounting Reference : P 374* / *Montagehinweis : P374*

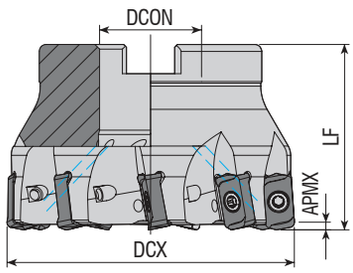





| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | 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 | | | | |

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





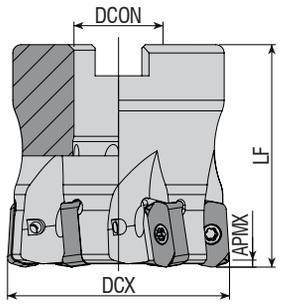

| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | DCON | LF | APMX |  | Sıkma Vidası *Screw* *Schraube*  | 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 | | | | |

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

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AHFM-EP1003-D050-A22-Z08-H

Kesme Hesabı : S 377 / *Cutting Calculation : P 377* / *Schnittberechnung : P 377*
Montaj Ölçüleri : S 374 / *Mounting Reference : P 374* / *Montagehinweis : P374*

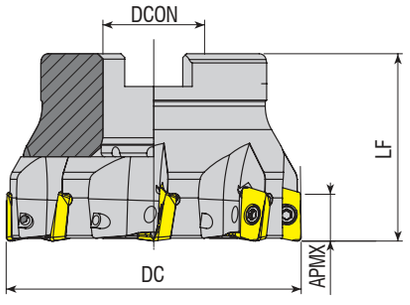





| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | 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 | | | | |

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



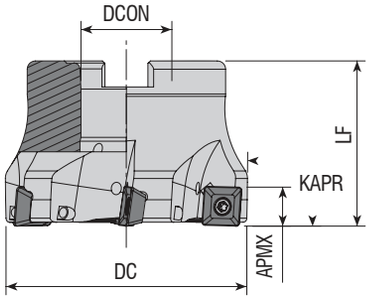



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* | Montaj Vidası *Mounting Screw* *Befestigungsschraube* |
| **AHFM-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 |

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

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AHFM-LN0303-D040-A16-Z06-H
Kesme Hesabı : S 377 / *Cutting Calculation : P 377* / *Schnittberechnung : P 377*
Montaj Ölçüleri : S 374/ *Mounting Reference : P 374* / *Montagehinweis : P374*

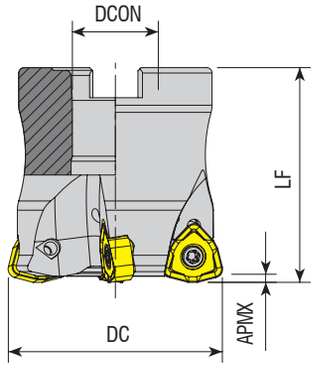





| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | 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 | | | | |

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



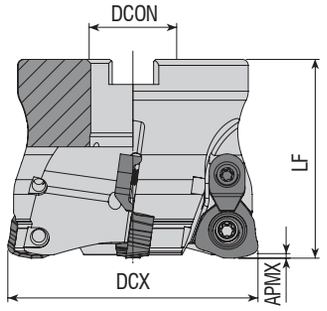



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DC | ZEFP | DCON | 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 | | | | |

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

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AHFM-SP0945-D050-A22-Z06-H
Kesme Hesabı : S 377 / *Cutting Calculation : P 377* / *Schnittberechnung : P 377*

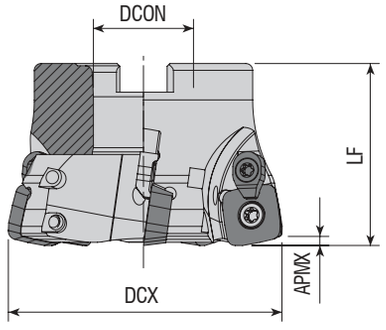





| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | 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-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 | 40 | 2 | **JDMW 1405..** | 1020-M5x11 | | | 80-T20 | 2408-M10x30 |
| AHFMC-JD1405-D063-A22-Z04-H | ● | 63 | 4 | 22 | 40 | 2 | | | | | | 2508-M10x30 |

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



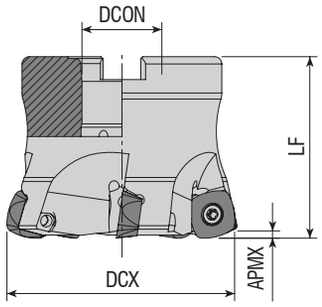



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | DCON | LF | APMX | | Sıkma Vidası *Screw* *Schraube* | 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 |

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

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AHFMC-JD1204-D052-A22-Z03-H
Kesme Hesabı : S 377 / *Cutting Calculation : P 377* / *Schnittberechnung : P 377*
Montaj Ölçüleri : S 374/ *Mounting Reference : P 374* / *Montagehinweis : P374*

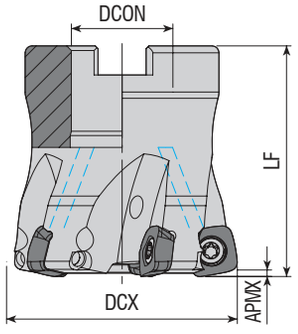





| Takım Kodu / Ordering Code / Bestell-Bezeichnung | Stok / Stock / Lager | Takım Ölçüleri (mm) / Dimension (mm) / Abmessung (mm) | | | | | Kesici Uç / Insert / Wendeschneidplatte | Yedek Parçaları / Spare Parts / Ersatzteile | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | DCON | 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 | | | | |
| new 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 |

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





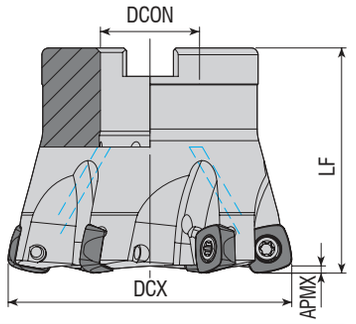

| Takım Kodu / Ordering Code / Bestell-Bezeichnung | Stok / Stock / Lager | Takım Ölçüleri (mm) / Dimension (mm) / Abmessung (mm) | | | | | Kesici Uç / Insert / Wendeschneidplatte | Yedek Parçaları / Spare Parts / Ersatzteile | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | DCON | 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-D063-A22-Z06-H | ● | 63 | 6 | 22 | 50 | 1.5 | | | | |
| AHFM-SO1004-D080-A27-Z07-H | ● | 80 | 7 | 27 | 63 | 1.5 | | | | 2510-M12x35 |

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

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AHFM-SD1205-D052-A22-Z04-H

Kesme Hesabı : S 377 / *Cutting Calculation : P 377* / *Schnittberechnung : P 377*
Montaj Ölçüleri : S 374 / *Mounting Reference : P 374* / *Montagehinweis : P374*

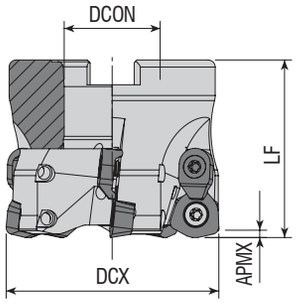





| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | 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 | | | | |

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



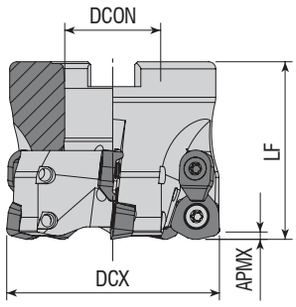



| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | 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 | | | | | | |
| new **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 | | | | | | |

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

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AHFM-SP1004-D050-A22-Z05-H
Kesme Hesabı : S 377 / *Cutting Calculation : P 377* / *Schnittberechnung : P 377*
Montaj Ölçüleri : S 374/ *Mounting Reference : P 374* / *Montagehinweis : P374*

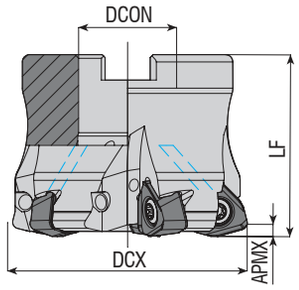





| Takım Kodu / Ordering Code / Bestell-Bezeichnung | Stok / Stock / Lager | Takım Ölçüleri (mm) / Dimension (mm) / Abmessung (mm) | | | | | Kesici Uç / Insert / Wendeschneidplatte | Yedek Parçaları / Spare Parts / Ersatzteile | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | 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 |

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





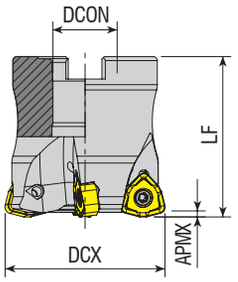

| Takım Kodu / Ordering Code / Bestell-Bezeichnung | Stok / Stock / Lager | Takım Ölçüleri (mm) / Dimension (mm) / Abmessung (mm) | | | | | Kesici Uç / Insert / Wendeschneidplatte | Yedek Parçaları / Spare Parts / Ersatzteile | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | DCX | ZEFP | DCON | LF | APMX | | Sıkma Vidası / Screw / Schraube | Tork Anahtar / Torx Key / Torx-Schlüssel | Montaj Vidası / Mounting Screw / Befestigungsschraube |
| AHFM-WN0706-D050-A22-Z05-H | ● | 50 | 5 | 22 | 50 | 2 | WNMU 0706.. | 4015-M4x11 | 80-T15 | 2508-M10x30 |
| AHFM-WN0706-D063-A22-Z06-H | ● | 63 | 6 | 22 | 50 | 2 | | | | |
| AHFM-WN0907-D050-A22-Z04-H | ● | 50 | 4 | 22 | 50 | 3 | WNMU 0907.. | 1020-M5x14 | 80-T20 | |
| 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 | | | | 2510-M12x35 |
| AHFM-WN0907-D080-A27-Z06-H | ● | 80 | 6 | 27 | 50 | 3 | | | | |
| AHFM-WN0907-D100-A32-Z07-H | ● | 100 | 7 | 32 | 50 | 3 | | | | 2514-M16x35 |

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

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AHFMC-WD0804-D040-A16-Z04-H

Kesme Hesabı : S 377 / *Cutting Calculation : P 377* / *Schnittberechnung : P 377*
Montaj Ölçüleri : S 374 / *Mounting Reference : P 374* / *Montagehinweis : P374*






| Takım 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*

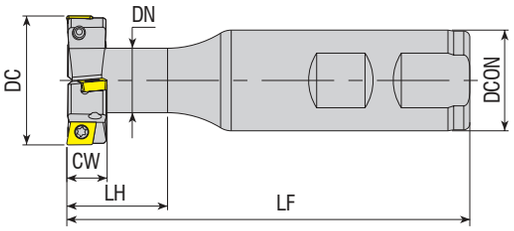
● *Stokta / In Stock / Auf Lager* ○ *Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage*

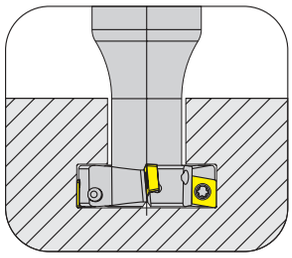
KRLY Ucuna Uygundur. / Compatible with KRLY Insert. / Kompatibel mit KRLY Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AHFM-WN09T3-D040-A16-Z04-H
Kesme Hesabı : S 377 / *Cutting Calculation : P 377* / *Schnittberechnung : P 377*
Montaj Ölçüleri : S 374/ *Mounting Reference : P 374* / *Montagehinweis : P374*





| 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 | | | |
| new 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 | **CC.T 0602..** | 3008-M2.5x6 | 82-T08 |
| 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 | 20 | | | |
| ATSM90-CC09-D30X12-W25-L100-Z04 | ● | 4 | 2 | 30 | 12 | 25 | 100 | 16 | 25 | | | |
| 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 | **CC.T. 09T3..** | 4015-M3.5x9 | 80-T15 |
| 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 | | | |
| ATSM90-CC12-D52X21-W32-L120-Z04 | ● | 4 | 2 | 52 | 21 | 32 | 120 | 25 | 45 | **CC.T 1204..** | 1020-M5x11 | 80-T20 |
| 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*

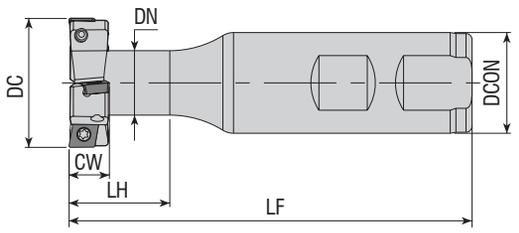
● *Stokta / In Stock / Auf Lager* ○ *Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage*

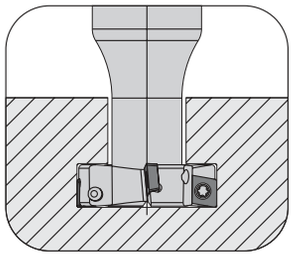
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ATSM90-CC06-D17X8-W16-L85-Z02
Kesme Hesabı : S 367 / *Cutting Calculation : P 367* / *Schnittberechnung : P 367*



**KAPR=90°**

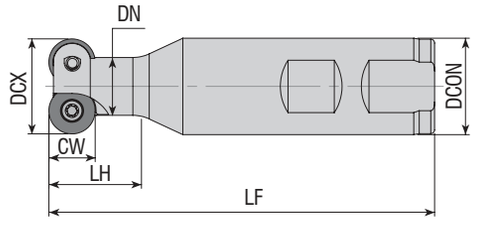


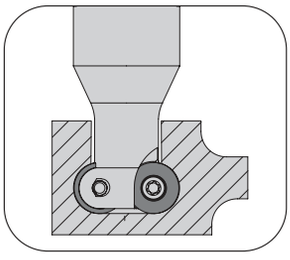


| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | Stok *Stock* *Lager* | Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* | | | | | | | | Kesici Uç *Insert* *Wendeschneidplatte* | Yedek Parçaları / *Spare Parts* / *Ersatzteile* | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | ZEFP | | 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** TGTC UCUNA UYGUNDUR. *FOR TGTC INSERT. Kompatibel mit TGTC Wendeplatten* | 3006-M2x4 | 82-T06 |
| new 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-SPGT0502-D63X6-W32-L125-Z10 | ● | 10 | 5 | 63 | 6 | 32 | 125 | 31 | 30 | **SPGT 050204** | | |
| ATSM90-SPGT0904-D32X14-W32-L120-Z04-H | ● | 4 | 2 | 32 | 14 | 32 | 120 | 17.5 | 30 | **SPGT 090408** ZCC UCUNA UYGUNDUR. *FOR ZCC INSERT. Kompatibel mit ZCC Wendeplatten* | 4015-M3.5x9 | 80-T15 |
| ATSM90-SPGT0904-D37X16-W32-L120-Z04-H | ● | 4 | 2 | 37 | 16 | 32 | 120 | 21 | 40 | | | |
| 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 | |
| ATSM90-SP..06-D80X7-W32-L120-Z10 | ● | 10 | 5 | 80 | 7 | 32 | 120 | 32 | 30 | **SPMG 060204** TGTC UCUNA UYGUNDUR. *FOR TGTC INSERT. Kompatibel mit TGTC Wendeplatten* | 3007-M2.2x4.6 | 82-T07 |





| Takım 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 | DCX | CW | DCON | LF | DN | LH | | Sıkma Vidası *Screw* *Schraube* | Tork Anahtar *Torx Key* *Torx-Schlüssel* |
| 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 | 15 | 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 | 30 | 31.5 | | | |
| ATSMR-RD12T3-D25-W25-L100-Z02 | ● | 2 | 25 | 12 | 25 | 100 | 15 | 24 | **RD.. 12T3** | | |
| 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 | |

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.

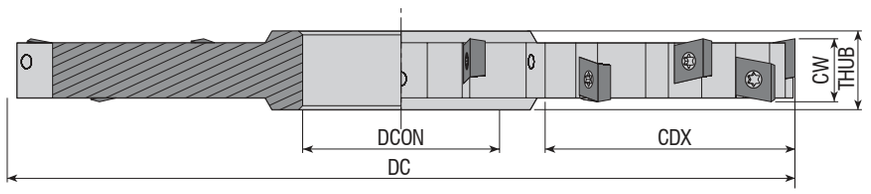
Sipariş Örneği/Ordering Example/*Bestellbeispiel*

1 ad./pcs./stück ATSM90-SP.05-D22.5X5-W25-L100-Z04

Kesme Hesabı : S 367 / *Cutting Calculation : P 367* / *Schnittberechnung : P 367*

**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** **ZCC UCUNA UYGUNDUR.** *FOR ZCC INSERT.* *Kompatibel mit ZCC Wendeplatten* | 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** **ZCC UCUNA UYGUNDUR.** *FOR ZCC INSERT.* *Kompatibel mit ZCC Wendeplatten* | 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 | | | |
| new **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*

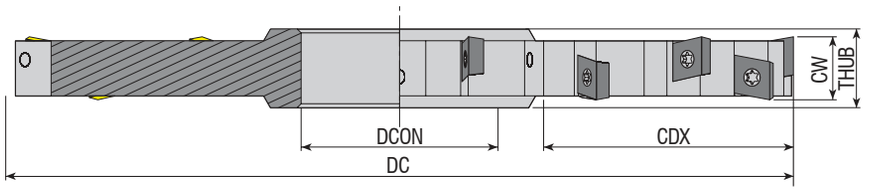
● *Stokta / In Stock / Auf Lager* ○ *Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage*

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ASDM-SPGT05-D80x6-d27-Z10
Kesme Hesabı : S 367 / *Cutting Calculation : P 367* / *Schnittberechnung : P 367*



**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-CC06-D80x8-d27-Z10** | ● | 10 | 5 | 80 | 8 | 17 | 27 | 12 | **CC.T 0602.. ISO UCUNA UYGUNDUR.** *FOR ISO INSERT.* *Kompatibel mit ISO Wendeplatten.* | 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.. ISO UCUNA UYGUNDUR.** *FOR ISO INSERT* *Kompatibel mit ISO Wendeplatten.* | 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.. ISO UCUNA UYGUNDUR.** *FOR ISO INSERT.* *Kompatibel mit ISO Wendeplatten.* | 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*

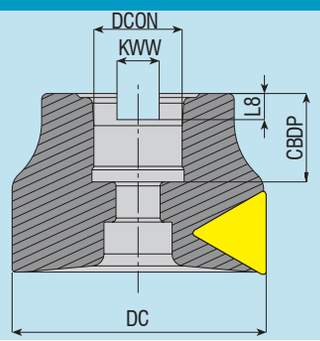
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ASDM-CC06-D80x8-d27-Z10

Kesme Hesabı : S 367 / *Cutting Calculation : P 367* / *Schnittberechnung : P 367*

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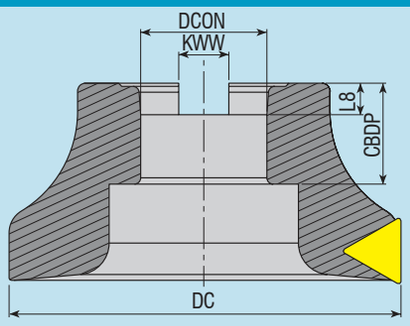


## A TİP / *A TYPE* / *A-Typ*



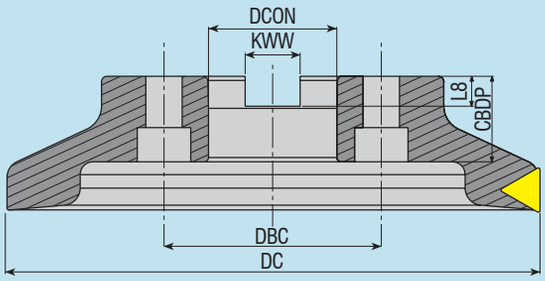

| DC | DCON | DBC | KWW | L8 | CBDP |
|---|---|---|---|---|---|
| 40 | 16 | - | 8.4 | 5.6 | 20 |
| 50 | 22 | - | 10.4 | 6.3 | 22 |
| 63 | 22 | - | 10.4 | 6.3 | 22 |
| 80 | 27 | - | 12.4 | 7 | 25 |
| 100 | 32 | - | 14.4 | 8 | 26 |

## B TİP / *B TYPE* / *B-Typ*



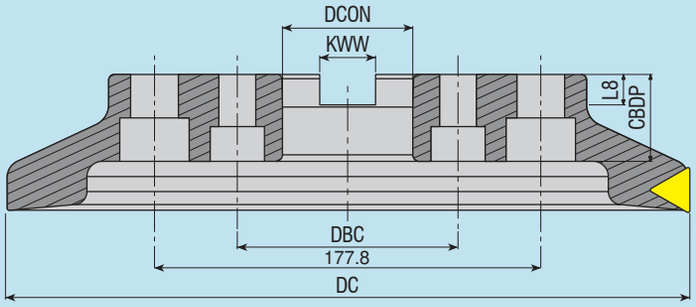

| DC | DCON | DBC | KWW | L8 | CBDP |
|---|---|---|---|---|---|
| 125 | 40 | - | 16.4 | 9 | 32 |

## 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 |

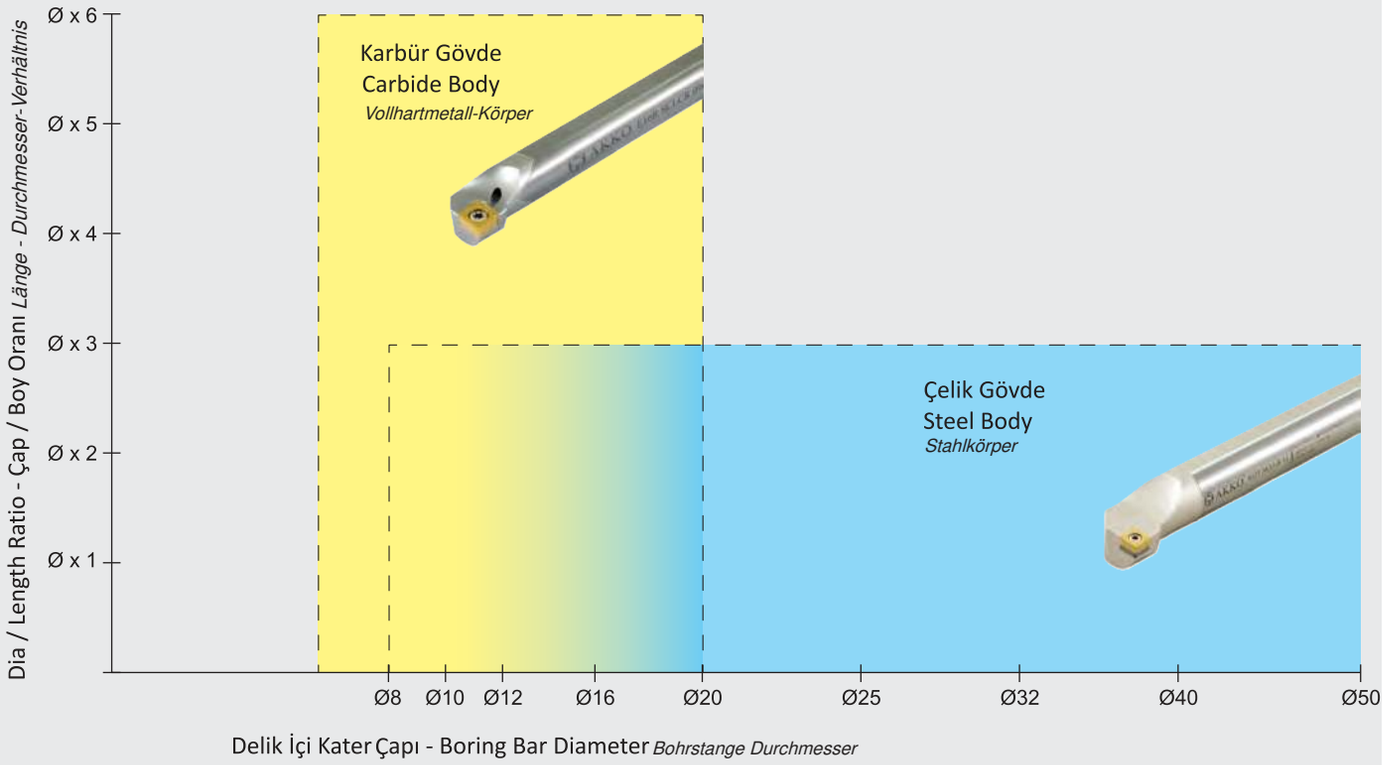
Beispiel: Fräswerkzeug mit D=50 mm und Z=5. Schnittgeschwindigkeit vc=200 m/min. (laut Wendeplattenverpackung).
Berechnung der Drehzahl: n=200 m/min. x 1000 = 200000 / 3,14=63694 / 50 mm = 1273 Umdr./min.
Berechnung des Vorschubs: Ermittlung von fz (finden Sie z.B. auf der Verpackung der Wendeschneidplatte), 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*

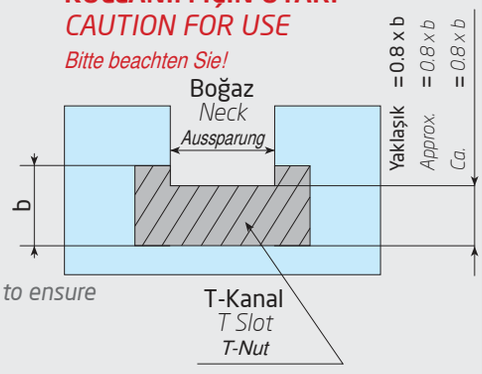
*Anwendungshinweise für T-Nutenfräser*

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 abrassion*
  *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**

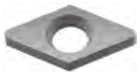


**α Çevre Dostudur.** **α is friend of environment.**
**α ist umweltfreundlich.**

**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.**

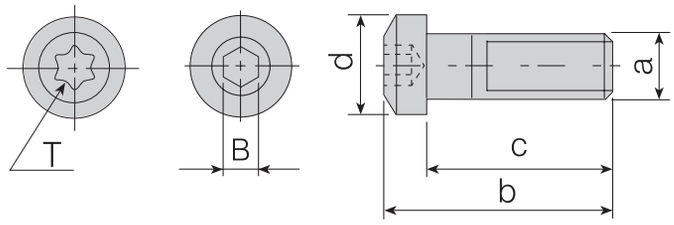
## ALTLIKLAR / *SHIMS* / *UNTERLAGE*

| 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* |

# 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** | T-SİSTEM için / *For T-SYSTEM* / *FÜR T-SYSTEM* | İÇTEN SOĞUTMA KANALLI BASKI PABUCU / *WITH COOLANT TOOLS* /*INNENKÜHLUNG* |
|  | **ATKH-02-L** | T-SİSTEM için / *For T-SYSTEM* / *FÜR T-SYSTEM* | İÇTEN SOĞUTMA KANALLI BASKI PABUCU / *WITH COOLANT TOOLS* / *INNENKÜHLUNG* |
|  | **ATKH-03-R** | T-SİSTEM için / *For T-SYSTEM* / *FÜR T-SYSTEM* | İÇTEN SOĞUTMA KANALLI BASKI PABUCU / *WITH COOLANT TOOLS* / *INNENKÜHLUNG* |
|  | **ATKH-04-L** | T-SİSTEM için / *For T-SYSTEM* / *FÜR T-SYSTEM* | İÇTEN SOĞUTMA KANALLI BASKI PABUCU / *WITH COOLANT TOOLS* / *INNENKÜHLUNG* |
|  | **ATKH-05-R** | T-SİSTEM için / *For T-SYSTEM* / *FÜR T-SYSTEM* | İÇTEN SOĞUTMA KANALLI BASKI PABUCU / *WITH COOLANT TOOLS* / *INNENKÜHLUNG* |
|  | **ATKH-06-L** | T-SİSTEM için / *For T-SYSTEM* / *FÜR T-SYSTEM* | İÇTEN SOĞUTMA KANALLI BASKI PABUCU / *WITH COOLANT TOOLS* / *INNENKÜHLUNG* |
|  | **ATKH-07-R** | T-SİSTEM için / *For T-SYSTEM* / *FÜR T-SYSTEM* | İÇTEN SOĞUTMA KANALLI BASKI PABUCU / *WITH COOLANT TOOLS* / *INNENKÜHLUNG* |
|  | **ATKH-08-L** | T-SİSTEM için / *For T-SYSTEM* / *FÜR T-SYSTEM* | İÇTEN SOĞUTMA KANALLI BASKI PABUCU / *WITH COOLANT TOOLS* / *INNENKÜHLUNG* |
|  | **ATKH-09-R** | T-SİSTEM için / *For T-SYSTEM* / *FÜR T-SYSTEM* | İÇTEN SOĞUTMA KANALLI BASKI PABUCU / *WITH COOLANT TOOLS* / *INNENKÜHLUNG* |
|  | **ATKH-10-L** | T-SİSTEM için / *For T-SYSTEM* / *FÜR T-SYSTEM* | 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 /*<br>*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,*<br>*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 |





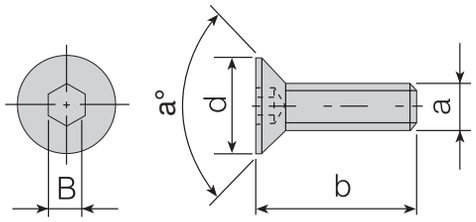

## BASKI PABUÇ VİDALARI / *CLAMP SCREWS* / *SCHRAUBEN FÜR PRATZEN*

| 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-05-M6X25** | M6x1.0 | 29.5 | 25 | 13.8 | 4 | T-SİSTEM için / For T- SYSTEM / *FÜR T-SYSTEM* | ..... |
| **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 | 22 | 19.5 | 10 | 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 | 19 | 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* | Baskı Pabucu / Wedge Clamp / *Spannpratze* |
| **AKV-39-M7X21** | M7X1.0 | 25.5 | 21 | 11.5 | 4 | | |

## 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* |

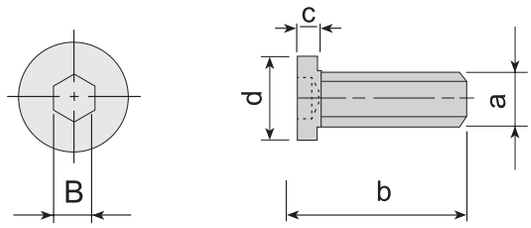





## ALTLIK VİDALARI / *SHIM SCREWS* / *SCHRAUBE FÜR UNTERLAGE*

| 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 |

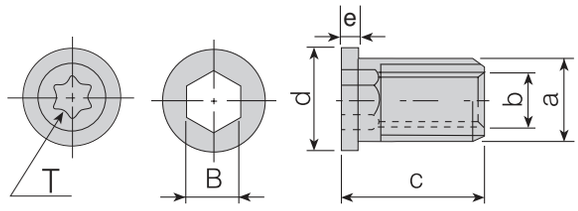





## ALTLIK VİDALARI / *SHIM SCREWS* / *SCHRAUBE FÜR UNTERLAGE*

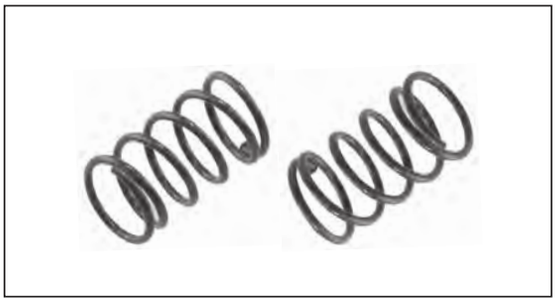
| Takım Kodu *Ordering Code* *Bestell-Bezeichnung* | a (M) | b | c | d | B | Ürün Detayı / *Product Detail* / *Produkt-Details* | |
|---|---|---|---|---|---|---|---|
| **AAV-03-M5X12** | M5X0.8 | 12 | 1.4 | 6 | 3 | T-SİSTEM için / For T-SYSTEM / *FÜR T-SYSTEM* | TNMG 16 |
| | | | | | | C-SİSTEM için / 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 |

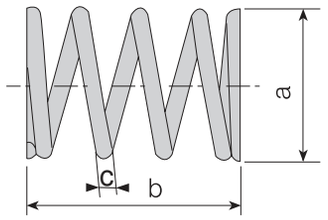





## BUKSE VİDALAR / *BUKSE SCREWS* / *SCHRAUBE FÜR UNTERLAGE*

| 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 | 20 | 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 | 20 | 1.1 | S-SİSTEM için / For S-SYSTEM / *FÜR S-SYSTEM* | SEMT 13 |

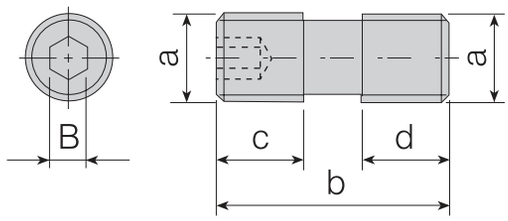





## BASKI YAYI / *CLAMP SPRING* / *FEDER FÜR KLEMME*

| 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 |

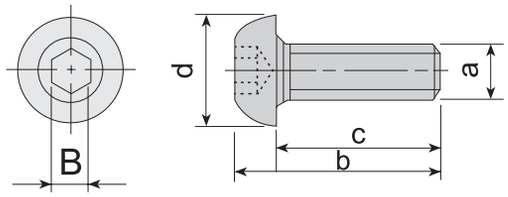





## BASKI PABUÇ VİDALARI / *CLAMP SCREWS* / *SCHRAUBEN FÜR PRATZEN*

| 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* |

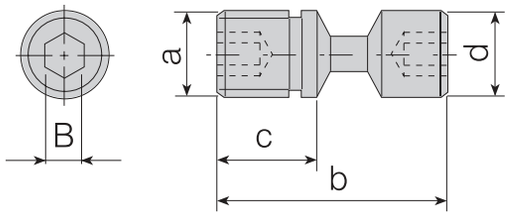
## LEVYELER / *LEVERS* / *KNIEHEBEL*

Ürün Resmi / *Product Picture* / *Produkt-Bild*



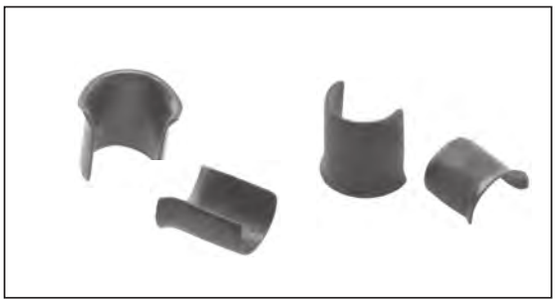
| Ürün Kodu / *Product Code* / *Code* | Ürün Detayı / *Product Detail* / *Produkt-Details* | |
|---|---|---|
| **APL-01** | P-SİSTEM için / For P-SYSTEM / *FÜR P-SYSTEM* | CNMG 09, DNMG 11, SNMG 09, TNMG 16, WNMG 06 LEVYESİ / LEVER / *KNIEHEBE* |
| **APL-02** | P-SİSTEM için / For P-SYSTEM / *FÜR P-SYSTEM* | 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* |

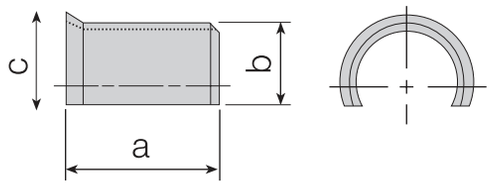





## LEVYE VİDALARI / *LEVER SCREWS* / *SCHRAUBEN FÜR KNIEHEBEL*

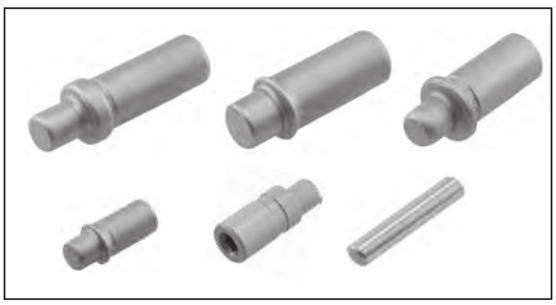
| Takım Kodu / *Ordering Code* / *Bestell-Bezeichnung* | a (M) | b | c | d | B | Ürün Detayı / *Product Detail* / *Produkt-Details* | |
|---|---|---|---|---|---|---|---|
| **ALV-01-M6X14** | M6x1.0 | 14 | 10 | 5.85 | 2.5 | P-SİSTEM için / For P-SYSTEM / *FÜR P-SYSTEM* | S20R PCLNR/L 09, S20R PDUNR/L 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 |

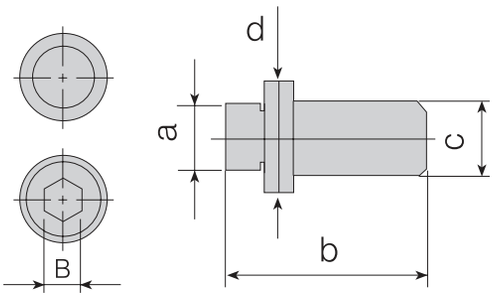





## ALTLIK YAYLARI / *SHIM SPRINGS* / *BEFESTIGUNGSFEDER*

| 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 |

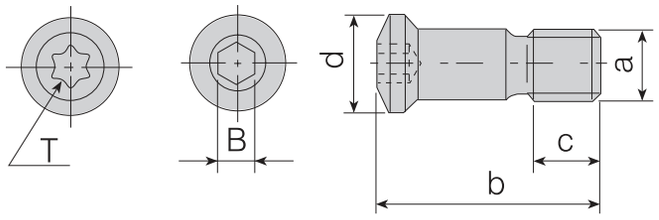





## PİMLER / *PINS* / *STIFT*

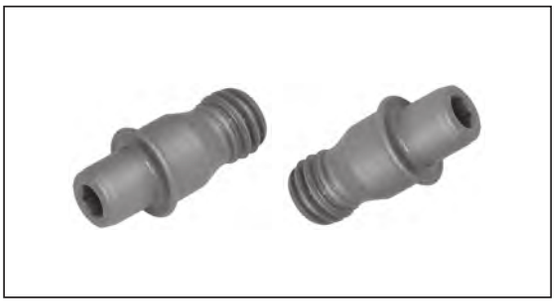
| Takım Kodu *Ordering Code* Bestell-Bezeichnung | a | b | c | d | B | Ürün Detayı / *Product Detail* / *Produkt-Details* | |
|---|---|---|---|---|---|---|---|
| **APM-01** | 3.55 | 18 | 5 | 6 | - | M-SİSTEM için / For M-SYSTEM / *FÜR M-SYSTEMM* | Delik İçi / Internal / Intern Ø32-Ø40 TNMG 16<br>Dış 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* |

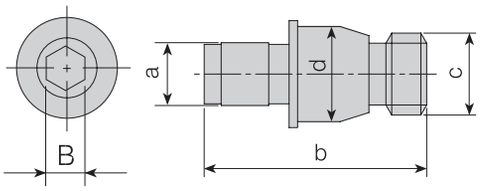





## KÜRESEL FİNİŞ VİDALARI / *BALL NOSE SCREWS* / *SCHRAUBEN FÜR KUGELKOPFFRÄSER*

| 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 |

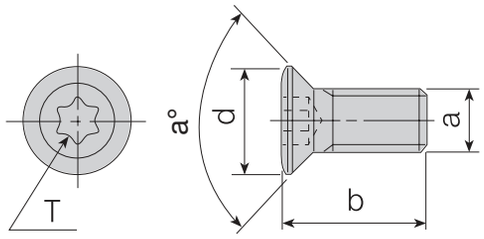





## EKSANTRİK VİDA / *ECCENTRIC SCREW* / *EXZENTERSCHRAUBEN*

| 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* |

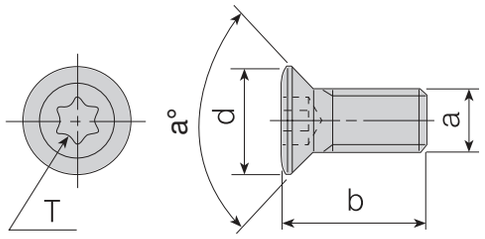





## TORK VİDALARI / *TORX SCREWS* / *TORX-SCHRAUBEN*

| 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-M3.5x14** | M3.5X0.6 | 14 | 15 | 5.3 | 66 | 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* |

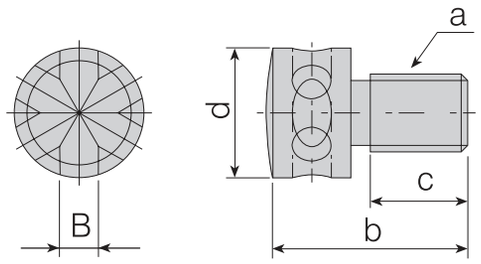





## TORK VİDALARI / *TORX SCREWS* / *TORX-SCHRAUBEN*

| 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 | 50 | 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* |

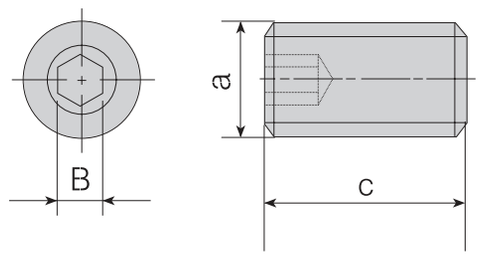





## EKSENEL AYAR VİDALARI / *AXIAL ADJUSTING SCREWS* / *AXIAL-EINSTELLSCHRAUBE*

| 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* |

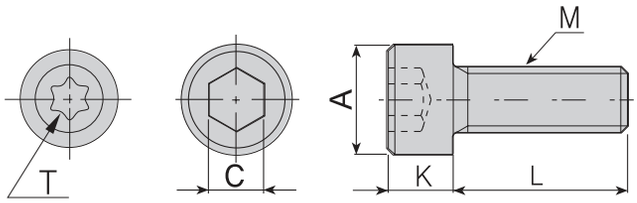





## RADYAL AYAR VİDALARI / *RADIAL ADJUSTING SCREWS* / *AXIAL-EINSTELLSCHRAUBE*

| 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 | 6.85 | 3 | 4 | 10 | KANAL KATER VİDASI / SOME GROOVING TOOLS SCREW | *SCHRAUBEN FÜR STECHHALTER* |
| **2525-M3X14** | M3X0.5 | 5.4 | 2.5 | 2.9 | 14 | BARA KARTUŞU için SIKMA VİDASI / for BORING HEADS CARTRIDGE SCREW | *SCHRAUBE FÜR KASSETTE DER SCHRUPP-SPINDELKÖPFE* |
| **2503-M4X20** | M4x0.7 | 7 | 3 | 3.9 | 20 | BARA KARTUŞU için SIKMA VİDASI / for BORING HEADS CARTRIDGE SCREW | *SCHRAUBE FÜR KASSETTE DER SCHRUPP-SPINDELKÖPFE* |
| **2503-M4X12** | M4x0.7 | 6.85 | 3 | 4 | 12 | KANAL KATER VİDASI / SOME GROOVING TOOLS SCREW | *SCHRAUBEN FÜR STECHHALTER* |
| **2503-M4X15** | M4x0.7 | 6.85 | 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-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 | 9.9 | 5 | 6 | 16 | KANAL KATER VİDASI / SOME GROOVING TOOLS SCREW | *SCHRAUBEN FÜR STECHHALTER* |
| **2505-M6X20** | M6X1 | 9.9 | 5 | 6 | 20 | KANAL KATER VİDASI / SOME GROOVING TOOLS SCREW | *SCHRAUBEN FÜR STECHHALTER* |
| **2505-M6X25** | M6X1 | 9.9 | 5 | 6 | 25 | BLOK BASKI PABUÇ VİDASI / for BLOCK CLAMP SCREW | *SCHRAUBE FÜR SPANNBLOCK* |
| **2505-M6X30** | M6X1 | 9.9 | 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 | 7.9 | 20 | KARTUŞ MONTAJ VİDASI / CARTRIDGE MOUNTING SCREW | *BEFESTIGUNGSSCHRAUBE FÜR KASSETTE* |
| **2506-M8X30** | M8X1.25 | 13 | 6 | 7.9 | 30 | A16 MONTAJ VİDASI / MOUNTING SCREW | *BEFESTIGUNGSSCHRAUBE* |
| **2506-M8X35** | M8X1.25 | 13 | 6 | 7.9 | 35 | BARA KARTUŞU için SIKMA VİDASI / for BORING HEADS CARTRIDGE SCREW | *SCHRAUBE FÜR KASSETTE DER SCHRUPP-SPINDELKÖPFE* |
| **2406-M8X30** | M8X1.25 | 12 | 6 | 7.9 | 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* |

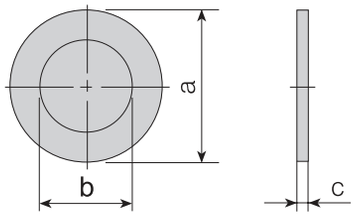
## SEGMAN / *RING* / *RING*

| 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 |

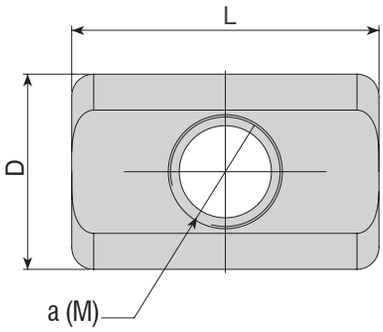





## BASKI VE ALTLIK VİDASI PULU / *STAMP* / *UNTERLEGSCHEIBE*

| 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 |
|---|---|---|---|
| A/PTFNR/L .. | Boring Bars | Bohstangen | 92 |
| A/SCLCR/L .. | Boring Bars SET | Bohstangen Set | 96 |
| A/SDUCR/L .. | Boring Bars SET | Bohstangen Set | 99 |
| AAKT-IG-R/L .. | Face External Grooving Tool Holders | Axial Stechhalter | 164 |
| AAKT-KG-R/L .. | Face External Grooving Tool Holders | Axial Stechhalter | 163 |
| AAKT-K-R/L .. | Face External Grooving Tool Holders | Axial Stechhalter | 162 |
| AAKT-SGC-T-R/L .. | Face External Grooving Tool Holders | Axial Stechhalter | 164 |
| AAKT-WGX24-T-R/L .. | Face External Grooving Tool Holders | Axial Stechhalter | 165 |
| AAKT-ZCC2-R/L .. | Face External Grooving Tool Holders | Axial Stechhalter | 163 |
| ABHF .. | Adjustable Finish Boring Heads | EINSTELLBARE BOHRKÖPFE | 227 |
| ABHR .. | Adjustable Rough Boring Heads | EINSTELLBARE SPINDELKÖPFE | 231 |
| ABHRS .. | Adjustable Rough Boring Heads Body | TRÄGERWERKZEUGE FÜR EINSTELLBARE SCHRUPP-SPINDELKÖPFE | 232 |
| ACBM .. | Countersink Open Milling Tools | Senkwerkzeugf.Zylinderkopf-schrauben | 239 |
| ACM .. | Chamfering End Mills | Fasfräser | 237 |
| ACM45-SP.. | Chamfering End Mills | Fasfräser | 238 |
| ACPBT-.. | Pipe Beveling Tools | Rohrendenanfaswerkzeug | 131 |
| ADCR | Drill Chamfering Ring Tools | Rohrendenanfaswerkzeug | 218 |
| ADKT-123-R/L .. | External Grooving Tool Holders | Außen - Stechhalter | 149 |
| ADKT-123-S-R/L .. | External Grooving (Swiss Type) Tool Holders | Außen - Stechhalter ( SwissType ) | 161 |
| ADKT-151.22-R/L .. | External Grooving Tool Holders | Außen - Stechhalter | 150 |
| ADKT-151.23-R/L .. | External Grooving Tool Holders | Außen - Stechhalter | 150 |
| ADKT-154.91-R/L .. | External Grooving Tool Holders | Außen - Stechhalter | 151 |
| ADKT-ARN-R/L .. | External Grooving Tool Holders | Außen - Stechhalter | 151 |
| ADKT-CD-R/L .. | External Grooving Tool Holders | Außen - Stechhalter | 157 |
| ADKT-GB-R/L .. | External Grooving Tool Holders | Außen - Stechhalter | 154 |
| ADKT-GP-R/L .. | External Grooving Tool Holders | Außen - Stechhalter | 156 |
| ADKT-GY2-R/L .. | External Grooving Tool Holders | Außen - Stechhalter | 157 |
| ADKT-H22-R/L .. | External Grooving Tool Holders | Außen - Stechhalter | 154 |
| ADKT-HK-R/L .. | External Grooving Tool Holders | Außen - Stechhalter | 145 |
| ADKT-H-R/L .. | External Grooving Tool Holders | Außen - Stechhalter | 144 |
| ADKT-HS223 R/L .. | External Grooving Tool Holders | Außen - Stechhalter | 145 |
| ADKT-IDC-R/L .. | External Grooving Tool Holders | Außen - Stechhalter | 148 |
| ADKT-IGI-R/L .. | External Grooving Tool Holders | Außen - Stechhalter | 148 |
| ADKT-IG-R/L .. | External Grooving Tool Holders | Außen - Stechhalter | 148 |
| ADKT-IGTN-R/L .. | External Grooving Tool Holders | Außen - Stechhalter | 148 |
| ADKT-I-R/L .. | External Grooving Tool Holders | Außen - Stechhalter | 148 |
| ADKT-I-R/L ..-S | External Grooving (Swiss Type) Tool Holders | Außen - Stechhalter ( SwissType ) | 159 |
| ADKT-ITG-R/L .. | External Grooving Tool Holders | Außen - Stechhalter | 147 |
| ADKT-KG-R/L .. | External Grooving Tool Holders | Außen - Stechhalter | 143 |
| ADKT-KG-R/L ..-S | External Grooving (Swiss Type) Tool Holders | Außen - Stechhalter ( SwissType ) | 160 |
| ADKT-KM-R/L .. | External Grooving Tool Holders | Außen - Stechhalter | 147 |
| ADKT-K-R/L .. | External Grooving Tool Holders | Außen - Stechhalter | 142 |
| ADKT-K-R/L .. -H | External Grooving Tool Holders With Coolant Tools | Externe Nutwerkzeughalter Mit Kühlwerkzeug | 143 |
| ADKT-K-R/L ..-S | External Grooving (Swiss Type) Tool Holders | Außen - Stechhalter ( SwissType ) | 160 |
| ADKT-LGC-R/L .. | External Grooving Tool Holders | Außen - Außen - Stechhalter | 153 |
| ADKT-RD-R/L .. | External Grooving Tool Holders | Außen - Stechhalter | 153 |
| ADKT-RD-R/L .. -S | External Grooving (Swiss Type) Tool Holders | Außen - Stechhalter ( SwissType ) | 158 |
| ADKT-SGC-T-R/L .. | Face External Grooving Tool Holders | Axial Stechhalter | 164 |
| ADKT-SWC-R/L .. | External Grooving Tool Holders | Außen - Stechhalter | 157 |
| ADKT-TD-R/L .. | External Grooving Tool Holders | Außen - Stechhalter | 152 |
| ADKT-TD-R/L ..-S | External Grooving (Swiss Type) Tool Holders | Außen - Stechhalter ( Swiss Type ) | 158 |
| ADKT-TD-R/L..-H | External Grooving Tool Holders With Coolant Tools | Externe Nutwerkzeughalter Mit Kühlwerkzeug | 152 |
| ADKT-TG-R/L .. | External Grooving Tool Holders | Außen - Stechhalter | 155 |
| ADKT-TGF-R/L .. | External Grooving Tool Holders | Außen - Stechhalter | 155 |
| ADKT-TG-R/L .. -S | External Grooving (Swiss Type) Tool Holders | Außen - Stechhalter ( SwissType ) | 161 |
| ADKT-WGX..-R/L .. | External Grooving Tool Holders | Außen - Stechhalter | 156 |
| ADKT-WGX..-R/L ..-S | External Grooving (Swiss Type) Tool Holders | Außen - Stechhalter ( SwissType ) | 161 |
| ADKT-ZCC1-R/L .. | External Grooving Tool Holders | Außen - Stechhalter | 145 |
| ADKT-ZCC2-R/L .. | External Grooving Tool Holders | Außen - Stechhalter | 146 |
| ADKT-ZCC2-R/L ..-S | External Grooving (Swiss Type) Tool Holders | Außen - Stechhalter ( SwissType ) | 159 |
| AEKR/L .. | Economic Cutting Tools | Multifunktionales Werkzeug | 224 |
| AEM90-3P.. | End Mills | Schaftfräser | 266 |
| AEM90-3P.. | Modular End Mills | Einschraubfräser | 287 |
| AEM90-4N.. | End Mills | Schaftfräser | 266 |
| AEM90-AD.. | End Mills | Schaftfräser | 240 |
| AEM90-AD.. | Modular End Mills | Einschraubfräser | 282 |
| AEM90-AN.. | End Mills | Schaftfräser | 242 |
| AEM90-AO.. | End Mills | Schaftfräser | 249 |
| AEM90-AO.. | Modular End Mills | Einschraubfräser | 283 |
| AEM90-AP.. | End Mills | Schaftfräser | 244 |
| AEM90-AP.. | Modular End Mills | Einschraubfräser | 283 |
| AEM90-AX.. | End Mills | Schaftfräser | 250 |
| AEM90-AX.. | Modular End Mills | Einschraubfräser | 282 |
| AEM90-AZ.. | End Mills | Schaftfräser | 252 |
| AEM90-BD.. | End Mills | Schaftfräser | 253 |
| AEM90-BD.. -H | Modular End Mills ( Screw Type Tools ) | Einschraubfräser | 253 |
| AEM90-DC.. | Modular End Mills | Einschraubfräser | 284 |
| AEM90-ED.. | End Mills | Schaftfräser | 254 |
| AEM90-LO-H.. | End Mills | Schaftfräser | 256 |
| AEM90-LO | End Mills | Schaftfräser | 257 |
| AEM90-LN.. | End Mills | Schaftfräser | 255 |
| AEM90-R390.. | End Mills | Schaftfräser | 257 |
| AEM90-R390.. | Modular End Mills | Einschraubfräser | 258 |
| AEM90-RT.. | End Mills | Schaftfräser | 258 |
| AEM90-RT.. | Modular End Mills | Einschraubfräser | 285 |
| AEM90-SE.. | End Mills | Schaftfräser | 259 |
| AEM90-SO.. | End Mills | Schaftfräser | 259 |
| AEM90-SPGT.. | End Mills | Schaftfräser | 261 |
| AEM90-TNG.. | End Mills | Schaftfräser | 286 |
| AEM90-TNG.. -H | Modular End Mills ( Screw Type Tools ) | Einschraubfräser | 260 |
| AEM90-VC2205.. -H | End Mills | Schaftfräser | 261 |

| KOD / CODE | AÇIKLAMA / *DESCRIPTION* | BESCHREIBUNG | S.N. / P.N. SEITE |
|---|---|---|---|
| AEM90-WN.. | End Mills | Schaftfräser | 262 |
| AEM90-WN.. | Modular End Mills | Einschraubfräser | 262 |
| AEM90-WNG.. -H | End Mills | Schaftfräser | 262 |
| AEM90-XC.. | End Mills | Schaftfräser | 263 |
| AEM90-XD.. | End Mills | Schaftfräser | 263 |
| AEM90-XN..-H | Modular End Mills ( Screw Type Tools ) | Einschraubfräser | 287 |
| AEM90-XN.. | End Mills | Schaftfräser | 264 |
| AEM90-XO.. | End Mills | Schaftfräser | 264 |
| AEM90-ZC.. | End Mills | Schaftfräser | 265 |
| AEM90-ZP.. | End Mills | Schaftfräser | 265 |
| AEM95(C)-XD.. | Modular End Mills | Einschraubfräser | 288 |
| AEMR(C)-RD.. | Face and Copy End Mills | Kopier - und Schaftfräser | 269 |
| AEMR-QP.. | Face and Copy Mills | Kopier - und Schaftfräser | 270 |
| AEMR-QP.. | Modular End Mills | Einschraubfräser | 293 |
| AEMR-RC.. | Modular End Mills | Einschraubfräser | 291 |
| AEMR-RD.. | Face and Copy Mills | Kopier - und Schaftfräser | 269 |
| AEMR-RD.. | Modular End Mills | Einschraubfräser | 291 |
| AEMR-RP.. | Face and Copy Mills | Kopier - und Schaftfräser | 267 |
| AEMR-RP.. | Modular End Mills | Einschraubfräser | 289 |
| AEMR-RP.. | Modular End Mills ( Screw Type Tools ) | Einschraubfräser | 292 |
| AEMR-RY.. | Face and Copy End Mills | Kopier - und Schaftfräser | 268 |
| AEMR-RY.. | Modular End Mills | Einschraubfräser | 290 |
| AEMRC-RD.. | Modular End Mills ( Screw Type Tools ) | Einschraubfräser | 290 |
| AET | Eccentric Adaptör For U-Drill | Exzentrischer Adapter für Vollbohrer | 220 |
| AFM40-NN.. | Face Milling | Plan-und Eckmesserköpfe | 315 |
| AFM42C-XD.. | Face Milling | Plan-und Eckmesserköpfe | 312 |
| AFM43(C)-OD.. | Face Milling | Plan-und Eckmesserköpfe | 312 |
| AFM43(C)-OF.. | Face Milling | Plan-und Eckmesserköpfe | 313 |
| AFM43-ON.. | Face Milling | Plan-und Eckmesserköpfe | 314 |
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| STFCR/L .. | Internal Tool Holders | Außen-Drehhalter | 102 |
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| TCBNR/L ..-H | External Tool Holders | Außen-Drehhalter | 13 |
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