Teknik Makina 1987 yılında otomotiv sektöründe imalat hayatına başlamıştır. Bir süre bu sektörde hizmet verdikten sonra 1994'te sektör değiştirerek, kesici takımlar imalatına adım atmıştır. Yaklaşık 5000'i aşkın ürün çeşidi ile geniş bir üretime sahiptir. Kurulduğundan bu güne kadar performans, kalite ve maliyet olarak en iyi ürünlerle hizmet vermeye devam etmektedir. Kuruluşundan bu yana yüksek teknolojiye , yeniliklere, yeni projelere açık olup kendisini sürekli yenilemektedir.

Ürünlerinin ve hizmetinin kalitesini arttırarak ISO9001:2015 belgesini almış; müşterilerinin var olan güvenini daha da pekiştirmiştir. Kısa ve uzun vadeli oluşturulmuş kalkınma plânlarıyla yıllık üretim adetlerini yükseltmeyi hedeflemiştir.

TEKNİK MAKİNA konusunda uzman çalışanları ile ilk günkü heyecan ve istekle çalışmalarını sürdürerek Dünya ve Türkiye pazarındaki yerini daha da sağlamlaştırarak yükselen grafiğini aynı istikrarda yürütmeye ve ülke ekonomisine katkılarını sürdürmekte kararlıdır.



*Technical solution for quality*

*Kalite için TEKNİK Çözüm*

*Teknik Cutting tools has been established in 1987 in Turkey. Teknik Cutting Tools started to produce cutting tools in 1994. Over 5.000 kinds of tools are produced in the factory building located in the Fourth Industrial Area of Konya since 2015. Teknik Cutting Tools is a very experienced producer for a large range of a Cutting Tools: Face Mills, End Mills, Boring Bars, External Turning Holders and more. There are 40 production lines which are capable to produce in several categories at the same time.*

*We keep up to date with new products and when customers need special tools we do all we can to produce the tools to meet their expectations.*

*Production and designing teams are all educated and certified according to the ISO 9001:2015 quality standard to serve you better.*

*The Company Headquarters is also located in Konya.*

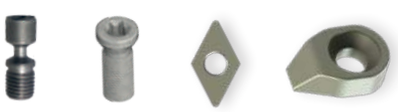
*Konya and Istanbul branches are dedicated with marketing and sales. Teknik Cutting Tools does international trade as cutting tools exporter with many countries all around the World and offers the highest level of quality, service and reliability, in a very short lead-time with the best price, guaranteed.*



İçindekiler
Index

| P. / S. | Ürün Türü *Product Type* | |
|---|---|---|
| 6-50 | Tarama Başlığı<br>Face Mill<br>Eckmesserkopf-Rundplattenfräser |  |
| 52-62 | Baralar<br>Borings<br>Ausdrehwerkzeug |  |
| 64-66 | Helis Freze - Disk Freze<br>Shoulder Milling - Disc Milling<br>Igelfräser - Scheibenfräser |  |
| 68-73 | T-Kanal Freze<br>T-Slot Milling Cutter<br>T-Nutenfräser |  |
| 76-104 | Saplı Tarama - Küre Uçlu Freze<br>End Mill - Radius Cutter - Schaftfräser<br>Küre Uçlu Freze - Radius Cutter - Kugelfräser |  |
| 106-112 | Vidalı Takım<br>Modular End Mill<br>Einschraubfräser |  |
| 116-122 | Diş Katerleri<br>Threading Holder<br>Klemmhalter (Außengewinde) |  |
| 124-132 | P Sistem Kater Sogutmalı<br>P System Turning Holder With Coolant<br>P System Drehhalter |  |
| 134-138 | P Sistem Kater<br>P System Turning Holder<br>P System Drehhalter |  |
| 142-153 | D Dış Çap Kater<br>D External Turning Holders<br>D System Klemmhalter |  |
| 156-170 | S Sistem Dış Çap Kater<br>S System External Turning Holders<br>S System ystem Klemmhalter |  |
| 172-179 | P Sistem İç Çap Kater<br>P System Boring Bars<br>P Systeam Bohrstange |  |
| 182-191 | D Sistem İç Çap Kater<br>D System Boring Bars<br>D System Bohrstange |  |

İçindekiler
Index


| P. / S. | Ürün Türü *Product Type* | |
|---|---|---|
| 194-210 | S Sistem İç Çap Kater<br>S System Boring Bars<br>S Systeam Bohrstange |  |
| 212-216 | Karbür T akımlar ve Setler<br>Carbide Tools / Set<br>VHM Bohrstange / Set |  |
| 218-219 | İç Çap Kater Set<br>Boring Bars Set<br>Bohrstangen Set |  |
| 222-234 | U-Drill<br>Indexable Insert Drills<br>Vollbohrer |  |
| 236-247 | Kanal Kater - Keski Kütüğü<br>Grooving Holders - Block For Blades<br>Stech-Klemmhalter - Grundhalter für Abstechschwer |  |
| 250-254 | İç Çap Kanal Kater<br>Grooving Holders Mini Tool<br>Stech-Klemmhalter |  |
| 256 | Takım Tutucuları<br>Tool Holders<br>Werkzeugaufnahmen |  |
| 258-261 | Yedek Parça<br>Spare Parts<br>Zubehör |  |
| 262-269 | Kesme Verileri - ISO Kodları<br>Cutting Data- ISO Code<br>Schnittdaten - ISO Code | |
| | | |

# Kalite için Teknik Çözüm

*Technical solution for quality*




TEKNİK
Cutting Tools

www.teknikcuttngtools.com

Tarama Başlıkları

# Face Milling Tools

***Eckmesserkopf***

***Planmesserkopf***

***Rundplattenfräser***

# Havşa Freze

# Chamfer End Mills

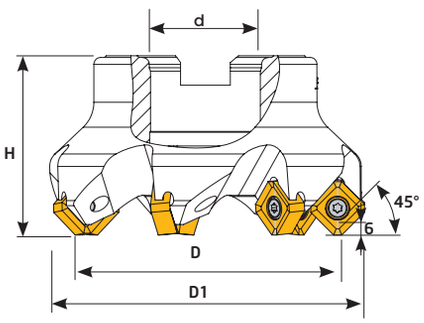
***Fasenfräser***




**Technical Solution for Quality**

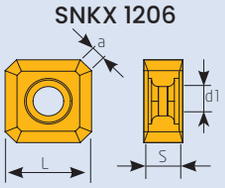
## 45° SNKX 1206






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | | |
|---|---|---|---|
| L | s | a | d1 |
| 12,7 | 6,35 | 2,36 | 4,5 |

SNKX 1206

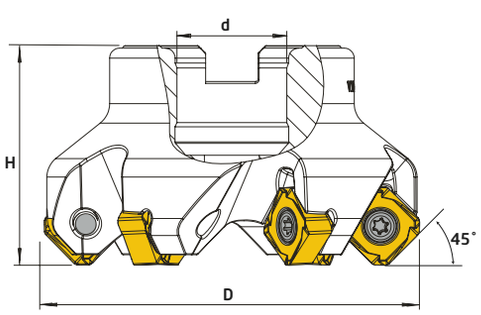



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | D1 | d | Z | H | kg | | | |
| T319 | ● | D040 d16 Z03 SNKX 12 | 40 | 53 | 16 | 3 | 45 | 0,417 | SNKX 1206 | TC076 M4x12,5 | T15 |
| T320 | ● | D050 d22 Z04 SNKX 12 | 50 | 63 | 22 | 4 | 44 | 0,593 | | | |
| T322 | ● | D063 d22 Z06 SNKX 12 | 63 | 76 | 22 | 6 | 44 | 0,710 | | | |
| T325 | ● | D080 d27 Z07 SNKX 12 | 80 | 93 | 27 | 7 | 52 | 1,334 | | | |
| T330 | ● | D100 d32 Z08 SNKX 12 | 100 | 113 | 32 | 8 | 52 | 1,926 | | | |
| T332 | ● | D125 d40 Z10 SNKX 12 | 125 | 138 | 40 | 10 | 63 | 3,780 | | | |
| T334 | ● | D160 d40 Z12 SNKX 12 | 160 | 173 | 40 | 12 | 63 | 5,380 | | | |
| T335 | ● | D200 d60 Z14 SNKX 12 | 200 | 213 | 60 | 14 | 63 | 6,690 | | | |

*KRLY -PLBT-BHLR ucuna uygundur. / Compatible with KRLY -PLBT-BHLR insert. / Kompatible für KRLY -PLBT-BHLR WP*

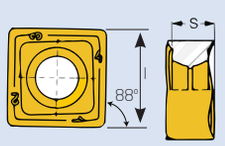
## 45° SNMU 1305






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | |
|---|---|
| l | s |
| 13 | 5,6 |

SNMU 1305

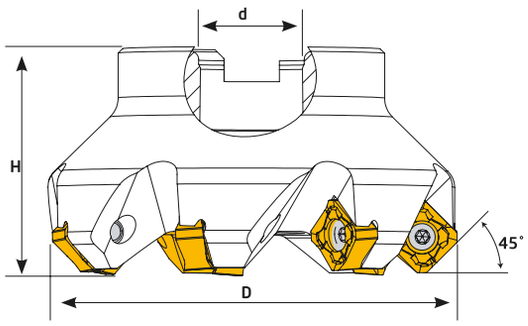



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | Kullanılan Uç *Insert /WSP* | Sıkma Civatası *Clamp Scr /Torx-Schraube* | Anahtar *Torx Key / Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | d | Z | H | kg | | | |
| T234 | ● | D050 d22 Z04 SNMU 13 | 50 | 22 | 4 | 44 | 0,480 | SNMU 1305 ISCR | TC083 M5x12 | T20 |
| T235 | ● | D063 d22 Z06 SNMU 13 | 63 | 22 | 6 | 44 | 0,645 | | | |
| T236 | ● | D080 d27 Z07 SNMU 13 | 80 | 27 | 7 | 52 | 1,147 | | | |
| T237 | ● | D100 d32 Z08 SNMU 13 | 100 | 32 | 8 | 52 | 1,487 | | | |
| T238 | ● | D125 d40 Z10 SNMU 13 | 125 | 40 | 10 | 63 | 3,610 | | | |

*ISCR ucuna uygundur. / Compatible with ISCR insert. / Kompatible für ISCR WP*

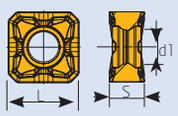
## 45° SNEU 1206






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | | |
|---|---|---|---|
| L | s | a | d1 |
| 12,7 | 6,35 | 2,2 | 6 |

SNEU 1206

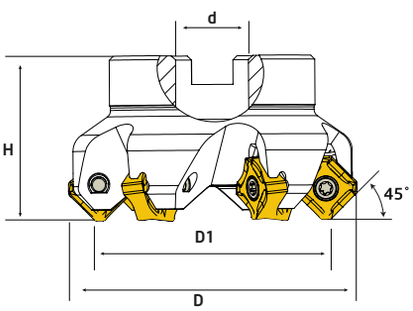



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | **Anahtar** *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | d | Z | H | kg | | | |
| T164 | ● | D050 d22 Z05 SNEU 12 | 50 | 22 | 5 | 40 | 0,447 |  |  |  |
| T165 | ● | D063 d22 Z06 SNEU 12 | 63 | 22 | 6 | 40 | 0,582 | | | |
| T166 | ● | D080 d27 Z07 SNEU 12 | 80 | 27 | 7 | 50 | 1,252 | **SNEU 1206** | **TC083 M5x12** | **T20** |
| T167 | ● | D100 d32 Z08 SNEU 12 | 100 | 32 | 8 | 50 | 1,925 | | | |
| T168 | ● | D125 d40 Z10 SNEU 12 | 125 | 40 | 10 | 63 | 3,516 | | | |

*XTC-GSC-WLTR-LMN ucuna uygundur. / Compatible with XTC-GSC-WLTR-LMN insert. / Kompatible für XTC-GSC-WLTR-LMN WP*

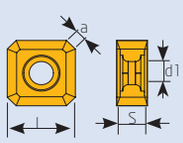
## 45° SNKX 1206-ONHX 0505





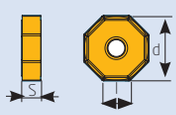

| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | | |
|---|---|---|---|
| L | S | a | d1 |
| 12,7 | 6,35 | 2 | 9,3 |

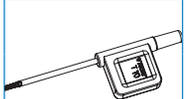
SNKX 1206




| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | |
|---|---|---|
| L | d | s |
| 5,3 | 12,7 | 5,2 |

ONHX 0505

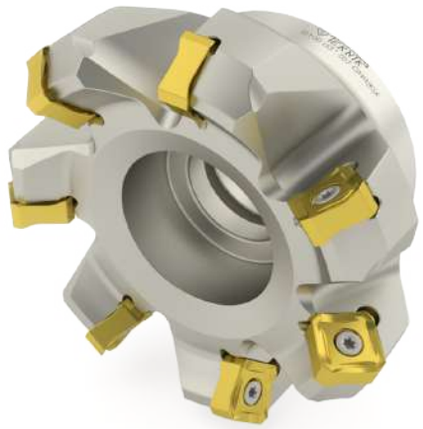


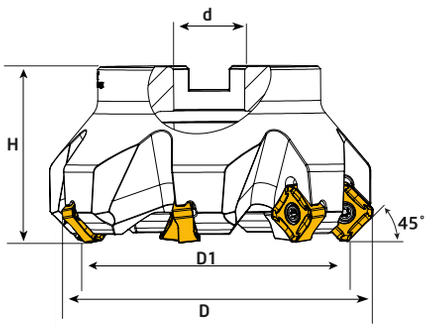

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | D1 | d | Z | H | kg | | | |
| T623 | ● | D050 d22 Z04 SNKX 12 ONHX 05 | 50 | 42,4 | 22 | 4 | 40 | 0,458 |  |  |  |
| T624 | ● | D063 d22 Z06 SNKX 12 ONHX 05 | 63 | 55,4 | 22 | 6 | 40 | 0,608 | | | |
| T625 | ● | D080 d27 Z07 SNKX 12 ONHX 05 | 80 | 72,4 | 27 | 7 | 50 | 1,051 | **SNKX 1206 ONHX 0505 PLBT** | **TC074 M4x10** | **T15** |
| T626 | ● | D100 d32 Z08 SNKX 12 ONHX 05 | 100 | 92,4 | 32 | 8 | 50 | 1,813 | | | |
| T627 | ● | D125 d40 Z10 SNKX 12 ONHX 05 | 125 | 117,4 | 40 | 10 | 63 | 3,277 | | | |
| T628 | ● | D160 d40 Z12 SNKX 12 ONHX 05 | 160 | 152,4 | 40 | 12 | 63 | 4,577 | | | |

*PLBT ucuna uygundur. / Compatible with PLBT insert. / Kompatible für PLBT WP*

● *Stokta/ In Stock / Lager* ○ *Sınırlı Stok / Limited Stock / Begrenzte Lagerhaltung*

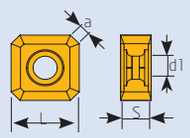
## 45° SNKX 1606-ONHX 0606





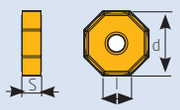

| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | | |
|---|---|---|---|
| L | S | a | d1 |
| 16,5 | 7 | 2,5 | 11,7 |

SNKX 1606




| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | |
|---|---|---|
| L | S | a |
| 6,2 | 16,5 | 6,35 |

ONHX 0606

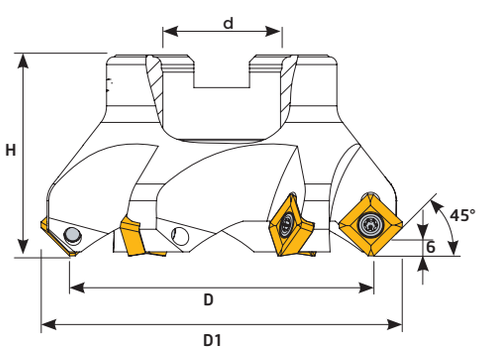



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | D1 | d | Z | H | kg | | | |
| T629 | ● | D063 d22 Z05 SNKX 16 ONHX 06 | 63 | 63 | 22 | 5 | 50 | 0,776 | SNKX 1606 ONHX 0606 PLBT | TC083 M5x12 | T20 |
| T630 | ● | D080 d27 Z06 SNKX 16 ONHX 06 | 80 | 80 | 27 | 6 | 50 | 2,013 | | | |
| T631 | ● | D100 d32 Z07 SNKX 16 ONHX 06 | 100 | 100 | 32 | 7 | 63 | 2,750 | | | |
| T632 | ● | D125 d40 Z08 SNKX 16 ONHX 06 | 125 | 125 | 40 | 8 | 63 | 4,026 | | | |
| T633 | ● | D160 d40 Z10 SNKX 16 ONHX 06 | 160 | 160 | 40 | 10 | 63 | 4,712 | | | |
| T634 | ● | D200 d60 Z12 SNKX 16 ONHX 06 | 200 | 200 | 60 | 12 | 63 | 8,112 | | | |

*PLBT ucuna uygundur. / Compatible with PLBT insert. / Kompatible für PLBT WP*

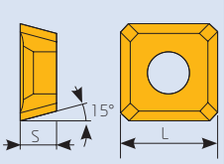
## 45° SDHT 1204






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | |
|---|---|
| L | S |
| 12,7 | 4,76 |

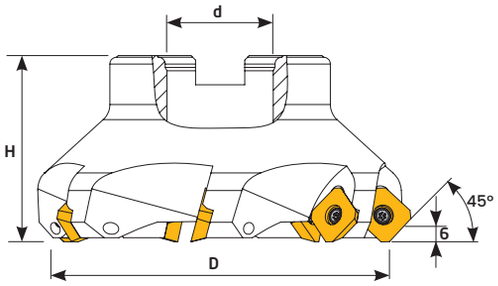
SDHT 1204




| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | D1 | d | Z | H | kg | | | |
| T300 | ● | D063 d22 Z05 SDHT 12 | 63 | 77 | 22 | 5 | 45 | 0,630 | SDHT 1204 ISO | TC080 M4,5x11 | T15 |
| T302 | ● | D080 d27 Z06 SDHT 12 | 80 | 94 | 27 | 6 | 52 | 1,200 | | | |
| T304 | ● | D100 d32 Z07 SDHT 12 | 100 | 114 | 32 | 7 | 62 | 2,040 | | | |
| T305 | ● | D125 d40 Z08 SDHT 12 | 125 | 139 | 40 | 8 | 62 | 4,095 | | | |

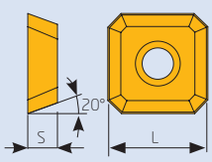
## 45° SEET 12T3 R245






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | |
|---|---|
| L | S |
| 13,4 | 3,97 |

SEET 12T3 R245

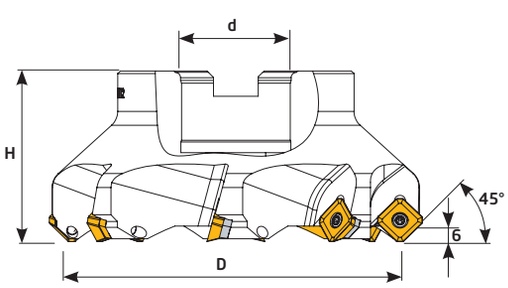



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | **Anahtar** *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | d | Z | H | kg | | | |
| T435 | ● | D063 d22 Z05 SEET 12 | 63 | 22 | 5 | 50 | 0,815 | SEET 12T3 R245 | TC067 M3,5x8,5 | T15 |
| T436 | ● | D080 d27 Z06 SEET 12 | 80 | 27 | 6 | 52 | 1,305 | | | |
| T437 | ● | D100 d32 Z07 SEET 12 | 100 | 32 | 7 | 55 | 1,715 | | | |
| T438 | ● | D125 d40 Z08 SEET 12 | 125 | 40 | 8 | 62 | 3,427 | | | |

*ZCC -SNDVK-XTC-ucuna uygundur. / Compatible with ZCC -SNDVK-XTC- insert. / Kompatible für ZCC -SNDVK-XTC- WP*

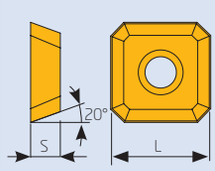
## 45° SEET 12T3 R245






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | |
|---|---|
| L | S |
| 13,4 | 3,97 |

SEET 12T3 R245




Altlıklı - With Shim - Mit U-Platte

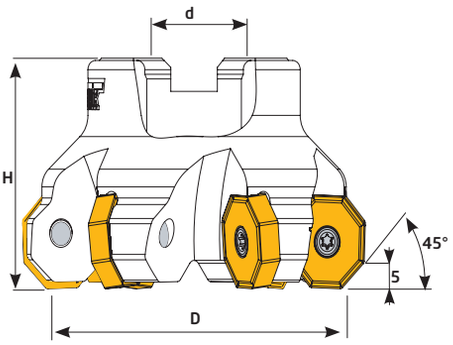
| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Altlık *Shim U-Platte* | Altlık Civatası *Shim Screw Inbuss -Schraube* | **Anahtar** *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | d | Z | H | kg | | | | | |
| T560 | ● | D050 d22 Z04 SEET 12 | 50 | 22 | 4 | 40 | 0,345 | SEET 12T3 R245 | TC068 M3,5x11 | TA052 | TC049 M5x7 | T15 |
| T562 | ● | D063 d22 Z05 SEET 12 | 63 | 22 | 5 | 40 | 0,505 | | | | | |
| T564 | ● | D080 d27 Z06 SEET 12 | 80 | 27 | 6 | 50 | 1,206 | | | | | |
| T566 | ● | D100 d32 Z07 SEET 12 | 100 | 32 | 7 | 50 | 1,812 | | | | | |
| T568 | ● | D125 d40 Z08 SEET 12 | 125 | 40 | 8 | 63 | 3,390 | | | | | |
| T570 | ● | D160 d40 Z10 SEET 12 | 160 | 40 | 10 | 63 | 4,590 | | | | | |

*ZCC -SNDVK-XTC--ucuna uygundur. / Compatible with ZCC -SNDVK-XTC- insert. / Kompatible für ZCC -SNDVK-XTC- WP*

● *Stokta/ In Stock / Lager* ○ *Sınırlı Stok / Limited Stock / Begrenzte Lagerhaltung*

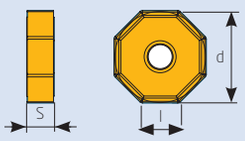
## 45° ONMX 0806






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | |
|---|---|---|
| l | d | s |
| 8,4 | 20,2 | 6 |

ONMX 0806

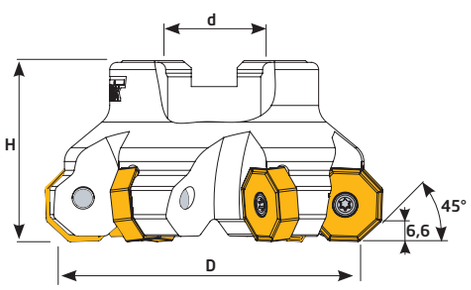



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | d | Z | H | kg | | | |
| T780 | ● | D063 d22 Z05 ONMX 08 | 63 | 22 | 5 | 40 | 1,063 | ONMX 0806 KRL<br>ONMX 0806 ISCR<br>ONMU 0806 YG1<br>ONKX 0806 LMN | TC083<br>M5x12 | T20 |
| T782 | ● | D080 d27 Z06 ONMX 08 | 80 | 27 | 6 | 50 | 0,532 | | | |
| T784 | ● | D100 d32 Z07 ONMX 08 | 100 | 32 | 7 | 50 | 1,067 | | | |
| T786 | ● | D125 d40 Z08 ONMX 08 | 125 | 40 | 8 | 63 | 3,574 | | | |

*KRLY-ISCR-YG1-LMN ucuna uygundur. / Compatible with KRLY-ISCR-YG1-LMN insert. / Kompatible für KRLY-ISCR-YG1-LMN WP*

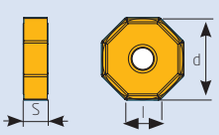
## 45° ONMX 0606






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | |
|---|---|---|
| l | d | s |
| 6,6 | 16 | 6 |

ONMX 0606

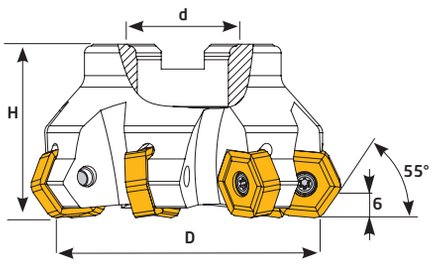


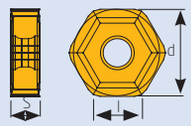

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | d | Z | H | kg | | | |
| T790 | ● | D063 d22 Z05 ONMX 06 | 63 | 22 | 5 | 45 | 0,657 | ONMX 0606<br>KRLY | TC083<br>M5x12 | T20 |
| T791 | ● | D080 d27 Z06 ONMX 06 | 80 | 27 | 6 | 50 | 1,110 | | | |
| T792 | ● | D100 d32 Z07 ONMX 06 | 100 | 32 | 7 | 52 | 1,701 | | | |

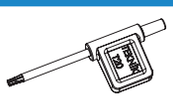
*KRLY ucuna uygundur. / Compatible with KRLY insert. / Kompatible für KRLY WP*

## 55° HNHX 1006





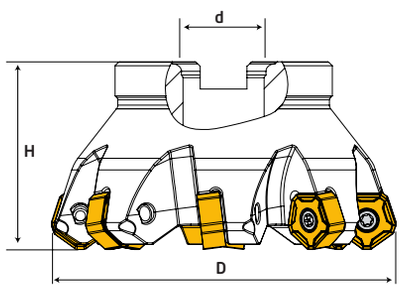

| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | | HNHX 1006 |
|---|---|---|---|
| d | l | s |  |
| 10 | 19,05 | 6,35 | |

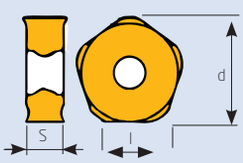
| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | d | Z | H | kg |  |  |  |
| T470 | ● | D063 d22 Z05 HNHX 10 | 63 | 22 | 5 | 50 | 0,675 | HNHX 1006 TGTC | TC083 M5x12 | T20 |
| T472 | ● | D080 d27 Z07 HNHX 10 | 80 | 27 | 7 | 50 | 1,063 | | | |
| T474 | ● | D100 d32 Z09 HNHX 10 | 100 | 32 | 9 | 62 | 2,023 | | | |
| T476 | ● | D125 d40 Z10 HNHX 10 | 125 | 40 | 10 | 62 | 3,331 | | | |
| T478 | ● | D160 d40 Z12 HNHX 10 | 160 | 40 | 12 | 62 | 4,724 | | | |

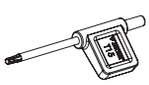
*TGTC ucuna uygundur. / Compatible with TGTC insert. / Kompatible für TGTC WP*

## PNMU 1206






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | | PNMU 1206 |
|---|---|---|---|
| l | d | s |  |
| 6,75 | 14 | 5,82 | |

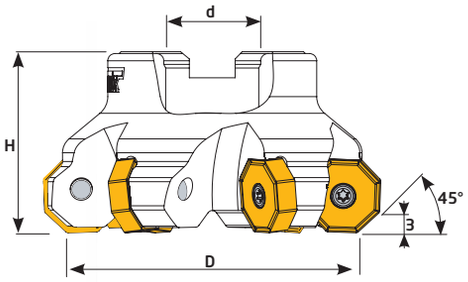
| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | d | Z | H | kg |  |  |  |
| T722 | ● | D050 d22 Z04 PNMU 12 | 50 | 22 | 4 | 40 | 0,371 | PNMU 1206 YG1 | TC074 M4x10 | T15 |
| T723 | ● | D063 d22 Z05 PNMU 12 | 63 | 22 | 5 | 40 | 0,594 | | | |
| T724 | ● | D080 d27 Z08 PNMU 12 | 80 | 27 | 8 | 50 | 1,273 | | | |
| T725 | ● | D100 d32 Z10 PNMU 12 | 100 | 32 | 10 | 50 | 1,901 | | | |
| T726 | ● | D125 d40 Z10 PNMU 12 | 125 | 40 | 10 | 63 | 4,070 | | | |

*YG1 ucuna uygundur. / Compatible with YG1 insert. / Kompatible für YG1 WP*

● *Stokta/ In Stock / Lager* ○ *Sınırlı Stok / Limited Stock / Begrenzte Lagerhaltung*

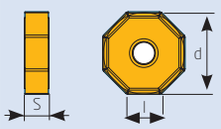
## 45° ONMU 0505






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | |
|---|---|---|
| l | d | s |
| 5 | 13 | 5,2 |

ONMU 0505

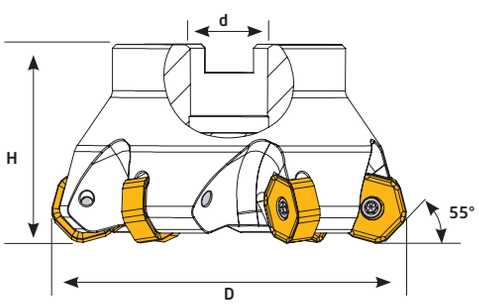



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | d | Z | H | kg | | | |
| T794 | ● | D063 d22 Z06 ONMU 05 | 63 | 22 | 6 | 45 | 0,652 | ONMU 0505 ISCR | TC085 M5x12 | T20 |
| T796 | ● | D080 d27 Z07 ONMU 05 | 80 | 27 | 7 | 50 | 1,202 | | | |
| T798 | ● | D100 d32 Z08 ONMU 05 | 100 | 32 | 8 | 52 | 1,842 | | | |
| T800 | ● | D125 d40 Z10 ONMU 05 | 125 | 40 | 10 | 62 | 3,537 | | | |
| T801 | ● | D160 d40 Z12 ONMU 05 | 160 | 40 | 12 | 62 | 4,863 | | | |

*ISCR ucuna uygundur. / Compatible with ISCR insert. / Kompatible für ISCR WP*

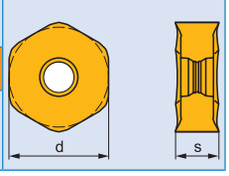
## 55° HNGX 0906






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | |
|---|---|
| d | s |
| 16,5 | 6,3 |

HNGX 0906

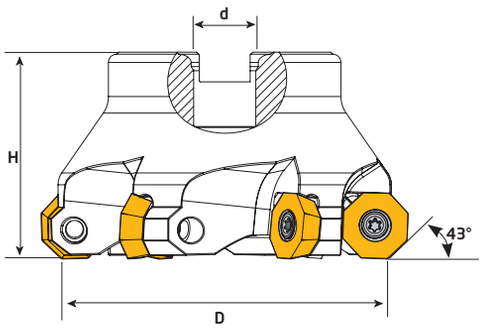



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | d | Z | H | kg | | | |
| T418 | ● | D063 d22 Z06 HNGX 09 | 63 | 22 | 6 | 40 | 0,518 | HNGX 0906 PRMT | TC080 M4,5x11 | T15 |
| T419 | ● | D080 d27 Z06 HNGX 09 | 80 | 27 | 6 | 50 | 1,067 | | | |
| T420 | ● | D100 d32 Z08 HNGX 09 | 100 | 32 | 8 | 50 | 1,542 | | | |
| T421 | ● | D125 d40 Z08 HNGX 09 | 125 | 40 | 8 | 63 | 3,314 | | | |
| T422 | ● | D160 d40 Z12 HNGX 09 | 160 | 40 | 12 | 63 | 3,962 | | | |

*PRMT ucuna uygundur. / Compatible with PRMT insert. / Kompatible für PRMT WP*

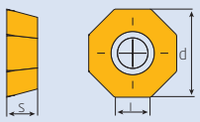
## 43° ODHT 0605

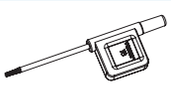





| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | |
|---|---|---|
| l | d | S |
| 8 | 15,88 | 5,56 |

ODHT 0605

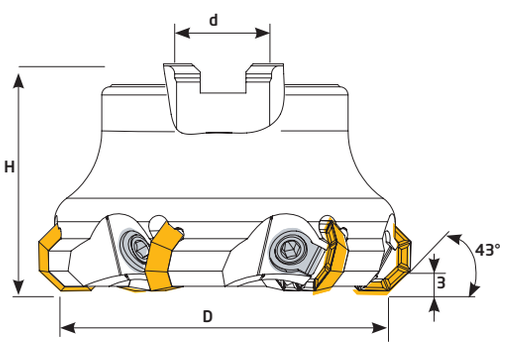



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | **Anahtar** *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | d | Z | H | kg |  |  |  |
| T210 | ● | D063 d22 Z05 ODHT 06 | 63 | 22 | 5 | 40 | 0,610 | **ODHT 0605 WLTR** | **TC083 M5x12** | **T20** |
| T211 | ● | D080 d27 Z06 ODHT 06 | 80 | 27 | 6 | 50 | 1,070 | | | |
| T212 | ● | D100 d32 Z07 ODHT 06 | 100 | 32 | 7 | 52 | 1,765 | | | |
| T213 | ● | D125 d40 Z08 ODHT 06 | 125 | 40 | 8 | 62 | 3,528 | | | |

*WLTR ucuna uygundur. / Compatible with WLTR insert. / Kompatible für WLTR WP*

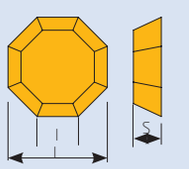
## 43° OFCR 0704

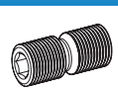
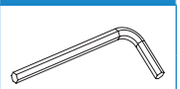





| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | |
|---|---|---|
| l | d | S |
| 7 | 18 | 4,97 |

OFCR 0704

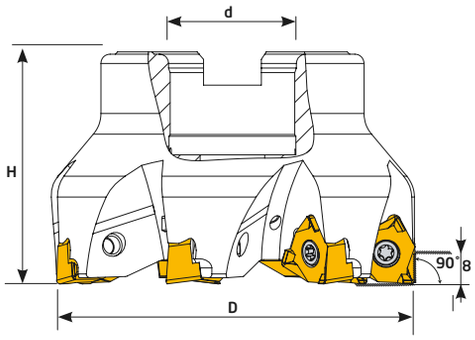



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | Kullanılan Uç *Insert WSP* | Baskı Kepi *Clamp Spannpratze* | Baskı Civatası *Locking Screw Verriegelungss-chraub* | Anahtar *Allen Key Inbusschlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | d | Z | H | kg |  |  |  |  |
| T260 | ● | D050 d22 Z04 OFCR 07 | 50 | 22 | 4 | 45 | 0,488 | **OFCR 0704 ISO** | **BK300** | **TC300 M8x18** | **4 Allen** |
| T262 | ● | D063 d22 Z04 OFCR 07 | 63 | 22 | 4 | 45 | 0,722 | | | | |
| T264 | ● | D080 d27 Z06 OFCR 07 | 80 | 27 | 6 | 50 | 1,205 | | | | |
| T266 | ● | D100 d32 Z08 OFCR 07 | 100 | 32 | 8 | 50 | 1,654 | | | | |
| T268 | ● | D125 d40 Z09 OFCR 07 | 125 | 40 | 9 | 62 | 3,510 | | | | |
| T269 | ● | D160 d40 Z12 OFCR 07 | 160 | 40 | 12 | 62 | 5,112 | | | | |

● *Stokta/ In Stock / Lager* ○ *Sınırlı Stok / Limited Stock / Begrenzte Lagerhaltung*

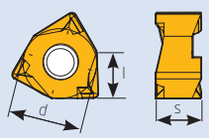
## 90° XNEX 0806






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | |
|---|---|---|
| d | l | s |
| 12,48 | 8 | 6,47 |

XNEX 0806

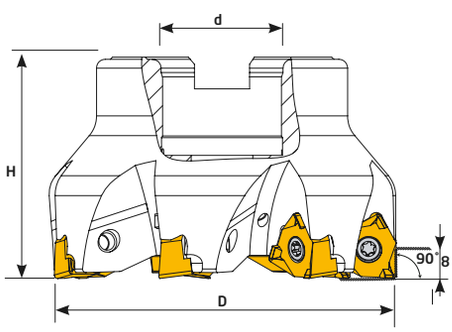



| Sipariş Kodu Order Code Best.-Nr. | Stok/Stock/Lager | Ürün Kodu Product Code Produkt-Code | Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | | | | Kullanılan Uç Insert WSP | Sıkma Civatası Clamp Screw Torx-Schraube | Anahtar Torx Key Torx-Schlüssel |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | d | Z | H | kg | | | |
| T840 | ● | D050 d22 Z04 XNEX 08 | 50 | 22 | 4 | 45 | 0,400 | XNEX 0806 SCO XNMX 0806 WNST | TC076 M4x12,5 | T15 |
| T841 | ● | D050 d22 Z05 XNEX 08 | 50 | 22 | 5 | 45 | 0,394 | | | |
| T842 | ● | D063 d22 Z06 XNEX 08 | 63 | 22 | 6 | 45 | 0,490 | | | |
| T844 | ● | D080 d27 Z07 XNEX 08 | 80 | 27 | 7 | 50 | 1,063 | | | |
| T846 | ● | D100 d32 Z07 XNEX 08 | 100 | 32 | 7 | 52 | 1,755 | | | |
| T848 | ● | D125 d40 Z10 XNEX 08 | 125 | 40 | 10 | 60 | 3,155 | | | |
| T850 | ● | D160 d40 Z12 XNEX 08 | 160 | 40 | 12 | 63 | 5,154 | | | |
| T851 | ● | D200 d60 Z14 XNEX 08 | 200 | 60 | 14 | 63 | 6,415 | | | |

*SCO-WNST uclarına uygundur. / Compatible with SCO-WNST inserts. / Kompatible für SCO-WNST WP*

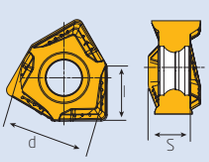
## 90° WNGX 0806






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | |
|---|---|---|
| l | d | s |
| 8,2 | 13 | 6,4 |

WNGX 0806

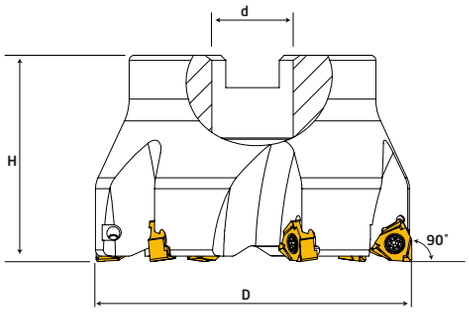


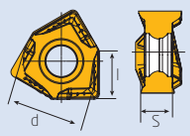

| Sipariş Kodu Order Code Best.-Nr. | Stok/Stock/Lager | Ürün Kodu Product Code Produkt-Code | Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | | | | Kullanılan Uç Insert WSP | Sıkma Civatası Clamp Screw Torx-Schraube | Anahtar Torx Key Torx-Schlüssel |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | d | Z | H | kg | | | |
| T775 | ● | D050 d22 Z05 WNGX 08 | 50 | 22 | 5 | 40 | 0,277 | WNGX 0806 KRLY | TC083 M5X12 | T20 |
| T776 | ● | D063 d22 Z06 WNGX 08 | 63 | 22 | 6 | 40 | 0,470 | | | |
| T777 | ● | D080 d27 Z07 WNGX 08 | 80 | 27 | 7 | 50 | 1,105 | | | |
| T778 | ● | D100 d32 Z08 WNGX 08 | 100 | 32 | 8 | 52 | 1,580 | | | |

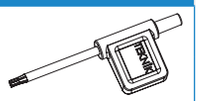
*KRLY ucuna uygundur. / Compatible with KRLY insert. / Kompatible für KRLY WP*

## 90° WNGX 0403





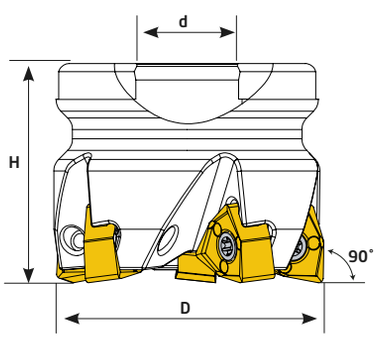

| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | | WNGX 0403 |
|---|---|---|---|
| l | d | s |  |
| 4,3 | 7 | 3,46 | |

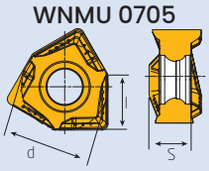
| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | d | Z | H | kg |  |  |  |
| T692 | ● | D040 d16 Z06 WNGX 04 | 40 | 16 | 6 | 40 | 0,256 | WNGX 0403 KRLY | TC060 M2,5x5,5 | T8 |
| T693 | ● | D050 d22 Z08 WNGX 04 | 50 | 22 | 8 | 40 | 0,347 | | | |
| T694 | ● | D063 d22 Z10 WNGX 04 | 63 | 22 | 10 | 40 | 0,617 | | | |
| T695 | ● | D080 d27 Z11 WNGX 04 | 80 | 27 | 11 | 50 | 1,306 | | | |

*KRLY ucuna uygundur. / Compatible with KRLY insert. / Kompatible für KRLY WP*

## 90° WNMU 0705





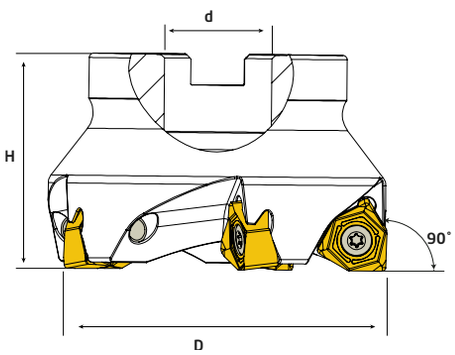

| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | | WNMU 0705 |
|---|---|---|---|
| l | d | s |  |
| 7,15 | 11,5 | 5,7 | |

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | Kullanılan Uç *Insert /WSP* | Sıkma Civatası *Clamp Scr /Torx-Schraube* | Anahtar *Torx Key / Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | d | Z | H | kg |  |  |  |
| T392 | ● | D050 d22 Z05 WNMU 07 | 50 | 22 | 5 | 40 | 0,337 | WNMU 0705 ISCR | TC074 M4x10 | T15 |
| T393 | ● | D063 d22 Z06 WNMU 07 | 63 | 22 | 6 | 40 | 0,515 | | | |
| T394 | ● | D080 d27 Z07 WNMU 07 | 80 | 27 | 7 | 50 | 1,012 | | | |
| T395 | ● | D100 d32 Z08 WNMU 07 | 100 | 32 | 8 | 50 | 1,342 | | | |

*ISCR ucuna uygundur. / Compatible with ISCR insert. / Kompatible für ISCR WP*

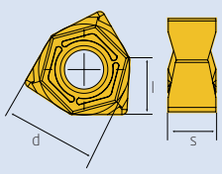
## 90° WNMU 0806






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | |
|---|---|---|
| l | d | s |
| 8,2 | 13 | 6,4 |

WNMU 0806

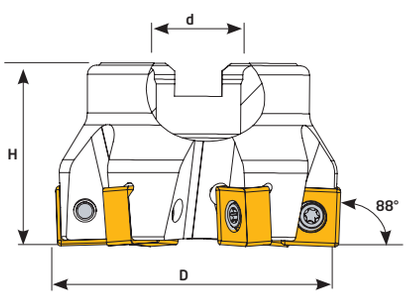



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | d | Z | H | kg | | | |
| T543 | ● | D050 d22 Z03 WNMU 08 | 50 | 22 | 3 | 46 | 0,360 | WNMU 0806 KYCRA | TC083 M5x12 | T20 |
| T544 | ● | D063 d22 Z04 WNMU 08 | 63 | 22 | 4 | 46 | 0,556 | | | |
| T545 | ● | D080 d27 Z05 WNMU 08 | 80 | 27 | 5 | 50 | 1,016 | | | |
| T546 | ● | D100 d32 Z06 WNMU 08 | 100 | 32 | 6 | 50 | 1,360 | | | |

*KYCRA ucuna uygundur. / Compatible with KYCRA insert. / Kompatible für KYCRA WP*

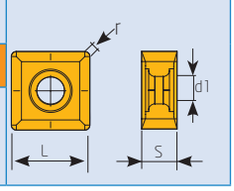
## 88° SNMX 1206






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | | |
|---|---|---|---|
| L | s | r | d1 |
| 12,7 | 6,35 | 0,80 | 4,5 |

SNMX 1206

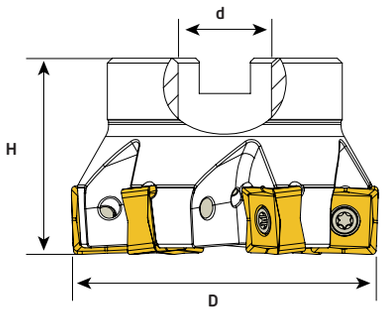


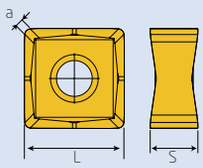

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | d | Z | H | kg | | | |
| T344 | ● | D063 d22 Z06 SNMX 12 | 63 | 22 | 6 | 40 | 0,574 | SNMX 1206 KRLY | TC076 M4x12,5 | T15 |
| T345 | ● | D080 d27 Z07 SNMX 12 | 80 | 27 | 7 | 50 | 1,213 | | | |
| T346 | ● | D100 d32 Z08 SNMX 12 | 100 | 32 | 8 | 50 | 1,688 | | | |

*KRLY ucuna uygundur. / Compatible with KRLY insert. / Kompatible für KRLY WP*

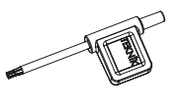
## 90° SNHU 1206






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | | SNHU 1206 |
|---|---|---|---|
| L | S | a |  |
| 13,3 | 6,4 | 1 | |

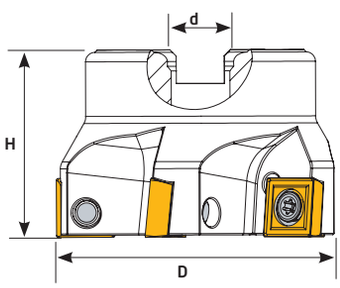


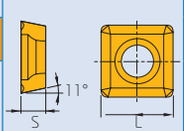
| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | **Anahtar** *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | d | Z | H | kg |  |  |  |
| T617 | ● | D050 d22 Z05 SNHU 12 | 50 | 22 | 5 | 40 | 0,305 | **SNHU 1206 PLBT** | **TC074 M4x10** | **T15** |
| T618 | ● | D063 d22 Z06 SNHU 12 | 63 | 22 | 6 | 40 | 0,503 | | | |
| T619 | ● | D080 d27 Z07 SNHU 12 | 80 | 27 | 7 | 50 | 1,076 | | | |
| T620 | ● | D100 d32 Z08 SNHU 12 | 100 | 32 | 8 | 50 | 1,459 | | | |
| T621 | ● | D125 d40 Z10 SNHU 12 | 125 | 40 | 10 | 63 | 2,708 | | | |
| T622 | ● | D160 d40 Z12 SNHU 12 | 160 | 40 | 12 | 63 | 4,328 | | | |

*PLBT ucuna uygundur. / Compatible with PLBT insert. / Kompatible für PLBT WP*

## 90° SPMT 1204






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | SPMT 1204 |
|---|---|---|
| L | S |  |
| 12,70 | 4,76 | |



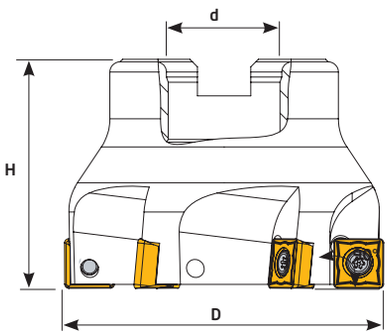
| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | **Anahtar** *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | d | Z | H | kg |  |  |  |
| T649 | ● | D040 d16 Z03 SPMT 12 | 40 | 16 | 3 | 40 | 0,253 | **SPMT 1204** | **TC083 M5x12** | **T20** |
| T650 | ● | D050 d22 Z04 SPMT 12 | 50 | 22 | 4 | 40 | 0,362 | | | |
| T651 | ● | D063 d22 Z05 SPMT 12 | 63 | 22 | 5 | 50 | 0,772 | | | |
| T652 | ● | D080 d27 Z06 SPMT 12 | 80 | 27 | 6 | 50 | 1,186 | | | |
| T653 | ● | D100 d32 Z08 SPMT 12 | 100 | 32 | 8 | 50 | 1,786 | | | |
| T654 | ● | D125 d40 Z08 SPMT 12 | 125 | 40 | 8 | 63 | 2,935 | | | |
| T655 | ● | D160 d40 Z10 SPMT 12 | 160 | 40 | 10 | 63 | 3,980 | | | |

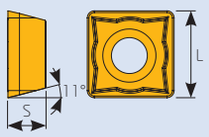
*PLBT -ZCC-WLTR-ucuna uygundur. / Compatible with PLBT -ZCC-WLTR insert. / Kompatible für PLBT -ZCC-WLTR WP*

● *Stokta/ In Stock / Lager* ○ *Sınırlı Stok / Limited Stock / Begrenzte Lagerhaltung*

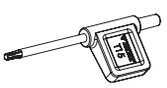
## 90° SPMG 0904






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | SPMG 0904 |
|---|---|---|
| L | S |  |
| 9,8 | 4,3 | |

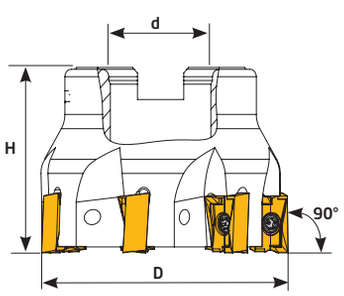


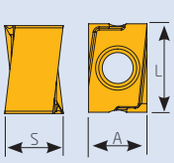
| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | d | Z | H | kg |  |  |  |
| T338 | ● | D050 d22 Z05 SPMG 09 | 50 | 22 | 5 | 45 | 0,239 | SPMG 0904 TGTC | TC067 M3,5x8,5 | T15 |
| T340 | ● | D063 d22 Z06 SPMG 09 | 63 | 22 | 6 | 45 | 0,362 | | | |
| T342 | ● | D080 d27 Z07 SPMG 09 | 80 | 27 | 7 | 52 | 1,088 | | | |

*TGTC ucuna uygundur. / Compatible with TGTC insert. / Kompatible für TGTC WP*

## 90° LNMX 1006






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | | LNMX 1006 |
|---|---|---|---|
| L | S | A |  |
| 10 | 6,5 | 6,35 | |

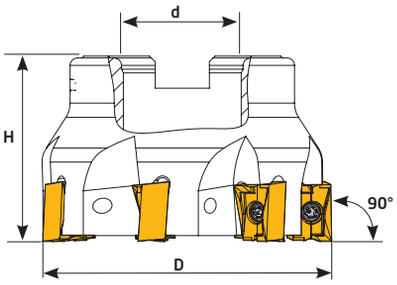


| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | d | Z | H | kg |  |  |  |
| T386 | ● | D040 d16 Z05 LNMX 10 | 40 | 16 | 5 | 40 | 0,258 | LNMX 1006 KRLY | TC065 M3x7 | T8 |
| T387 | ● | D050 d22 Z06 LNMX 10 | 50 | 22 | 6 | 45 | 0,472 | | | |
| T388 | ● | D063 d22 Z06 LNMX 10 | 63 | 22 | 6 | 45 | 0,495 | | | |
| T389 | ● | D080 d27 Z07 LNMX 10 | 80 | 27 | 7 | 50 | 0,731 | | | |
| T390 | ● | D100 d32 Z09 LNMX 10 | 100 | 32 | 9 | 50 | 1,700 | | | |

*KRLY ucuna uygundur. / Compatible with KRLY insert. / Kompatible für KRLY WP*

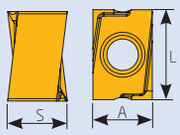
## 90° LNMX 1510






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | |
|---|---|---|
| L | S | A |
| 15 | 10 | 10 |

LNMX 1510

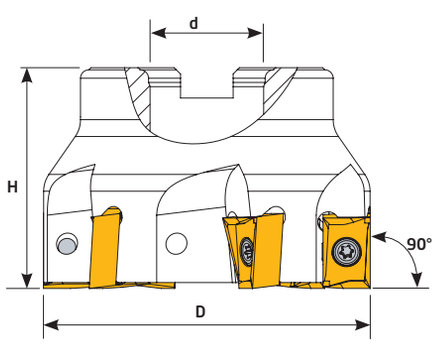



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | d | Z | H | kg | | | |
| T372 | ● | D050 d22 Z04 LNMX 15 | 50 | 22 | 4 | 45 | 0,375 | LNMX 1510 KRLY | TC076 M4x12,5 | T15 |
| T374 | ● | D063 d22 Z06 LNMX 15 | 63 | 22 | 6 | 45 | 0,616 | | | |
| T376 | ● | D080 d27 Z07 LNMX 15 | 80 | 27 | 7 | 50 | 1,087 | | | |
| T378 | ● | D100 d32 Z08 LNMX 15 | 100 | 32 | 8 | 52 | 1,644 | | | |
| T380 | ● | D125 d40 Z10 LNMX 15 | 125 | 40 | 10 | 63 | 3,650 | | | |

*KRLY ucuna uygundur. / Compatible with KRLY insert. / Komp atible für KRLY WP*

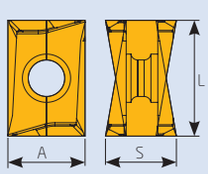
## 90° ANKX 1205






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | |
|---|---|---|
| L | S | A |
| 13,7 | 9,15 | 9,7 |

ANKX 1205



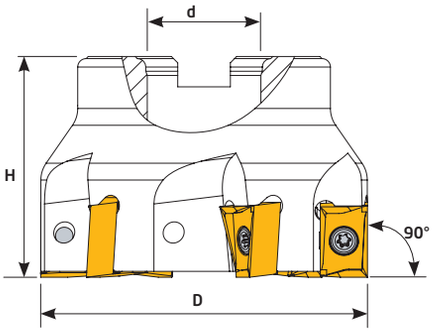

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | d | Z | H | kg | | | |
| T571 | ● | D040 d16 Z04 ANKX 12 | 40 | 16 | 4 | 40 | 0,215 | ANKX 1205 ISCR | TC074 M4x10 | T15 |
| T572 | ● | D050 d22 Z05 ANKX 12 | 50 | 22 | 5 | 45 | 0,433 | | | |
| T574 | ● | D063 d22 Z06 ANKX 12 | 63 | 22 | 6 | 45 | 0,596 | | | |
| T576 | ● | D080 d27 Z07 ANKX 12 | 80 | 27 | 7 | 50 | 1,210 | | | |

*ISCR ucuna uygundur. / Compatible with ISCR insert. / Kompatible für ISCR WP*

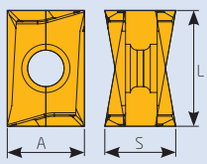
● *Stokta/ In Stock / Lager* ○ *Sınırlı Stok / Limited Stock / Begrenzte Lagerhaltung*

## 90° ANKX 1706






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | | ANKX 1706 |
|---|---|---|---|
| L | S | A | |
| 16,7 | 10,4 | 11,2 | |

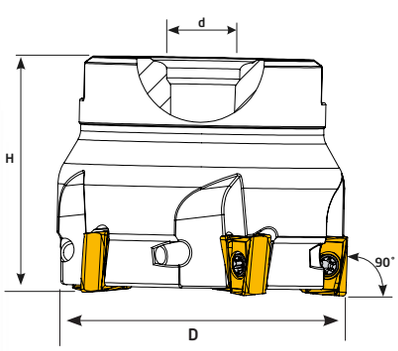



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | d | Z | H | kg |  |  |  |
| T440 | ● | D040 d16 Z03 ANKX 17 | 40 | 16 | 3 | 45 | 0,279 | ANKX 1706 ISCR | TC083 M5x12 | T20 |
| T442 | ● | D050 d22 Z04 ANKX 17 | 50 | 22 | 4 | 45 | 0,371 | | | |
| T444 | ● | D063 d22 Z05 ANKX 17 | 63 | 22 | 5 | 45 | 0,573 | | | |
| T446 | ● | D080 d27 Z06 ANKX 17 | 80 | 27 | 6 | 52 | 1,238 | | | |
| T448 | ● | D100 d32 Z07 ANKX 17 | 100 | 32 | 7 | 52 | 2,029 | | | |
| T450 | ● | D125 d40 Z08 ANKX 17 | 125 | 40 | 8 | 63 | 3,590 | | | |

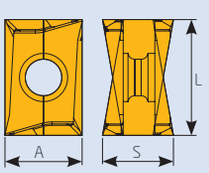
*ISCR ucuna uygundur. / Compatible with ISCR insert. / Kompatible für ISCR WP*

## 90° ANHX 1004




| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | | ANHX 1004 |
|---|---|---|---|
| A | S | L | |
| 6,6 | 6,2 | 10 | |

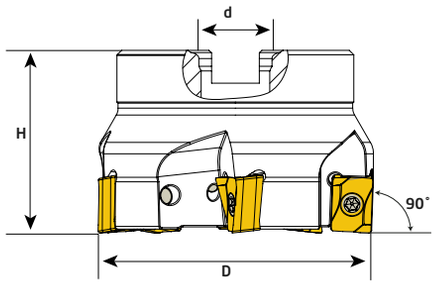


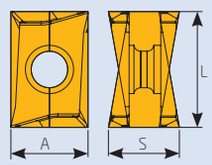

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | d | Z | H | kg |  |  |  |
| T656 | ● | D040 d16 Z04 ANHX 10 | 40 | 16 | 4 | 40 | 0,250 | ANHX 1004 PLBT | TC065 M3x7 | T8 |
| T657 | ● | D050 d22 Z05 ANHX 10 | 50 | 22 | 5 | 40 | 0,374 | | | |
| T658 | ● | D063 d22 Z07 ANHX 10 | 63 | 22 | 7 | 40 | 0,638 | | | |
| T659 | ● | D080 d27 Z08 ANHX 10 | 80 | 27 | 8 | 50 | 1,132 | | | |

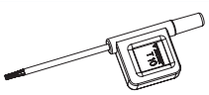
*PLBT ucuna uygundur. / Compatible with PLBT insert. / Kompatible für PLBT WP*

## 90° ANHX 1206





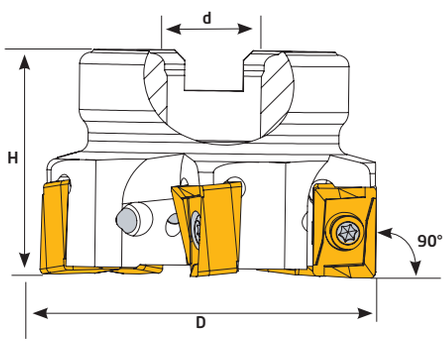

| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | | ANHX 1206 |
|---|---|---|---|
| L | S | A |  |
| 12 | 8,3 | 9 | |

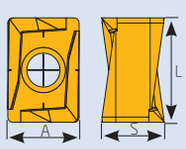
| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | **Anahtar** *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | d | Z | H | kg |  |  |  |
| T641 | ● | D040 d16 Z04 ANHX 12 | 40 | 16 | 4 | 40 | 0,248 | **ANHX 1206 PLBT** | **TC069 M3,5x8,5** | **T10** |
| T642 | ● | D050 d22 Z05 ANHX 12 | 50 | 22 | 5 | 40 | 0,375 | | | |
| T643 | ● | D063 d22 Z05 ANHX 12 | 63 | 27 | 5 | 40 | 0,619 | | | |
| T644 | ● | D080 d27 Z08 ANHX 12 | 80 | 27 | 8 | 50 | 1,209 | | | |
| T645 | ● | D100 d32 Z12 ANHX 12 | 100 | 32 | 12 | 50 | 1,761 | | | |
| T646 | ● | D125 d40 Z14 ANHX 12 | 125 | 40 | 14 | 63 | 3,091 | | | |

*PLBT ucuna uygundur. / Compatible with PLBT insert. / Kompatible für PLBT WP*

## 90° ANKX 1607






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | | | ANKX 1607 |
|---|---|---|---|---|
| L | s | a | d1 |  |
| 12,7 | 6,35 | 2,2 | 6 | |

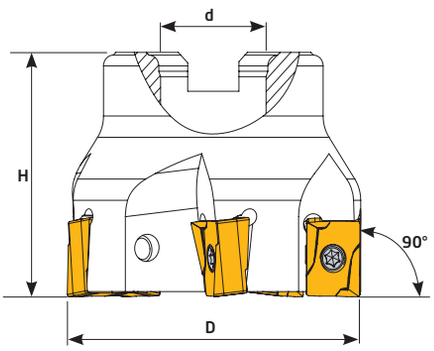
| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | **Anahtar** *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | d | Z | H | kg |  |  |  |
| T171 | ● | D050 d22 Z04 ANKX 16 | 50 | 22 | 4 | 40 | 0,307 | **ANKX 1607** | **TC080-1 M4,5x11** | **T15** |
| T172 | ● | D063 d22 Z05 ANKX 16 | 63 | 22 | 5 | 40 | 0,462 | | | |
| T173 | ● | D080 d27 Z06 ANKX 16 | 80 | 27 | 6 | 50 | 1,101 | | | |

*XTC- GSC ucuna uygundur. / Compatible with XTC- GSC insert. / Kompatible für XTC- GSC WP*

● *Stokta/ In Stock / Lager* ○ *Sınırlı Stok / Limited Stock / Begrenzte Lagerhaltung*

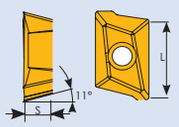
## 90° LNGX 1307

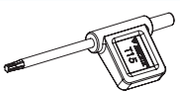





| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | |
|---|---|---|
| A | L | S |
| 11 | 14 | 7,74 |

LNGX 1307

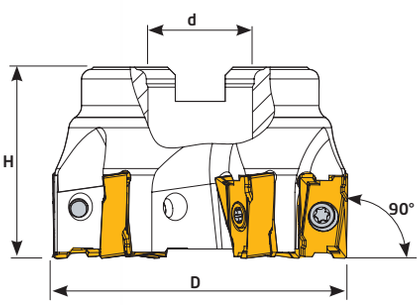



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | d | Z | H | kg |  |  |  |
| T488 | ● | D040 d16 Z03 LNGX 13 | 40 | 16 | 3 | 45 | 0,304 | LNGX 1307 WLTR | TC079 M4x10 | T15 |
| T490 | ● | D050 d22 Z04 LNGX 13 | 50 | 22 | 4 | 45 | 0,425 | | | |
| T492 | ● | D063 d22 Z06 LNGX 13 | 63 | 22 | 6 | 45 | 0,560 | | | |
| T493 | ● | D080 d27 Z07 LNGX 13 | 80 | 27 | 7 | 50 | 1,124 | | | |
| T494 | ● | D100 d32 Z07 LNGX 13 | 100 | 32 | 7 | 50 | 1,542 | | | |
| T495 | ● | D125 d40 Z08 LNGX 13 | 125 | 40 | 8 | 63 | 3,555 | | | |

*WLTR ucuna uygundur. / Compatible with WLTR insert. / Kompatible für WLTR WP*

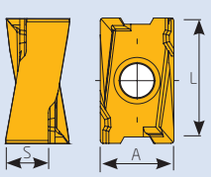
## 90° LNGU 15T6






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | |
|---|---|---|
| L | S | A |
| 17 | 9,69 | 10 |

LNGU 15T6

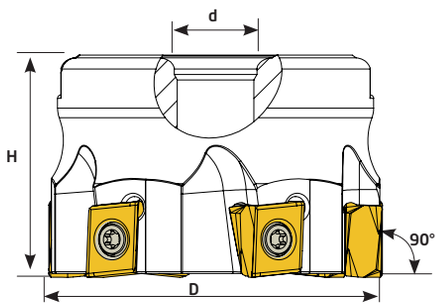



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | d | Z | H | kg |  |  |  |
| T956 | ● | D050 d22 Z05 LNGU 15 | 50 | 22 | 5 | 40 | 0,305 | LNGU 15T6 KNNMTL | TC074 M4x10 | T15 |
| T958 | ● | D063 d22 Z06 LNGU 15 | 63 | 22 | 6 | 40 | 0,541 | | | |
| T960 | ● | D080 d27 Z07 LNGU 15 | 80 | 27 | 7 | 50 | 1,133 | | | |
| T961 | ○ | D100 d32 Z08 LNGU 15 | 100 | 32 | 8 | 50 | 1,933 | | | |

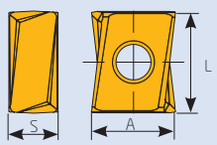
*KNNMTL ucuna uygundur. / Compatible with KNNMTL insert. / Kompatible für KNNMTL WP*

## 90° LNHU 1306






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | | LNHU 1306 |
|---|---|---|---|
| L | S | A | |
| 13 | 6,8 | 12 | |

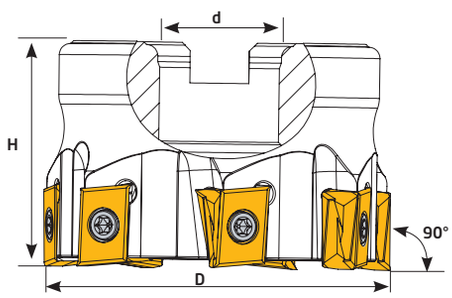



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | **Anahtar** *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | d | Z | H | kg | | | |
| T580 | ● | D050 d22 Z05 LNHU 13 | 50 | 22 | 5 | 40 | 0,350 | **LNHU 1306 WLTR** | **TC079 M4x10** | **T15** |
| T581 | ● | D063 d22 Z06 LNHU 13 | 63 | 22 | 6 | 40 | 0,628 | | | |
| T582 | ● | D080 d27 Z07 LNHU 13 | 80 | 27 | 7 | 50 | 1,315 | | | |
| T583 | ● | D100 d32 Z08 LNHU 13 | 100 | 32 | 8 | 50 | 1,795 | | | |

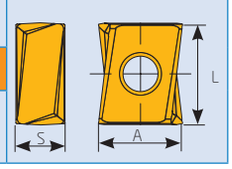
*WLTR ucuna uygundur. / Compatible with WLTR insert. / Kompatible für WLTR WP*

## 90° LNMT 1306






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | | LNMT 1306 |
|---|---|---|---|
| L | S | A | |
| 13,81 | 6,65 | 13,05 | |



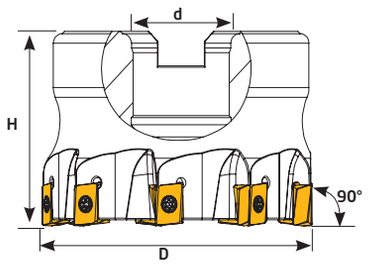

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | **Anahtar** *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | d | Z | H | kg | | | |
| T228 | ● | D050 d22 Z05 LNMT 13 | 50 | 22 | 5 | 40 | 0,337 | **LNMT 1306 ISCR** | **TC 074 M4X10** | **T15** |
| T229 | ● | D063 d22 Z06 LNMT 13 | 63 | 22 | 6 | 40 | 0,596 | | | |
| T230 | ● | D080 d27 Z07 LNMT 13 | 80 | 27 | 7 | 50 | 1,227 | | | |
| T231 | ● | D100 d32 Z08 LNMT 13 | 100 | 32 | 8 | 50 | 1,682 | | | |
| T232 | ● | D125 d40 Z09 LNMT 13 | 125 | 40 | 9 | 63 | 3,325 | | | |
| T233 | ● | D160 d40 Z12 LNMT 13 | 160 | 40 | 12 | 63 | 5,046 | | | |

*ISCR ucuna uygundur. / Compatible with ISCR insert. / Kompatible für ISCR WP*

● *Stokta/ In Stock / Lager* ○ *Sınırlı Stok / Limited Stock / Begrenzte Lagerhaltung*

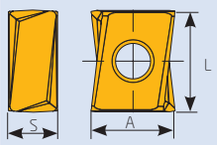
## 90° LNMT 0804






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | |
|---|---|---|
| L | S | A |
| 8,59 | 4,24 | 7,43 |

LNMT 0804

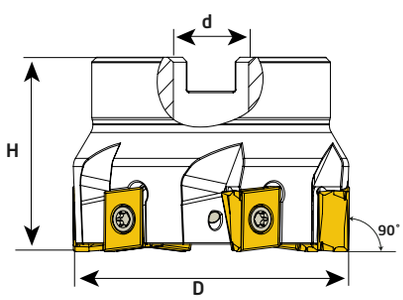



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions-Abmessungen (mm)* | | | | | Kullanılan Uç *Insert -WSP* | Sıkma Civatası *Clamp Screw -Torx-Schraube* | **Anahtar** *Torx Key-Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | d | Z | H | kg | | | |
| T222 | ● | D040 d16 Z06 LNMT 08 | 40 | 16 | 6 | 40 | 0,240 | **LNMT 0804 ISCR** | **TC061 M2,5x6,5** | **T8** |
| T223 | ● | D050 d22 Z07 LNMT 08 | 50 | 22 | 7 | 40 | 0,374 | | | |
| T224 | ● | D063 d22 Z09 LNMT 08 | 63 | 22 | 9 | 40 | 0,665 | | | |
| T225 | ● | D080 d27 Z10 LNMT 08 | 80 | 27 | 10 | 50 | 1,145 | | | |

*ISCR ucuna uygundur. / Compatible with ISCR insert. / Kompatible für ISCR WP*

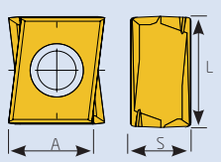
## 90° LNXT 1306






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | |
|---|---|---|
| L | S | A |
| 13 | 6,8 | 9,8 |

LNXT 1306

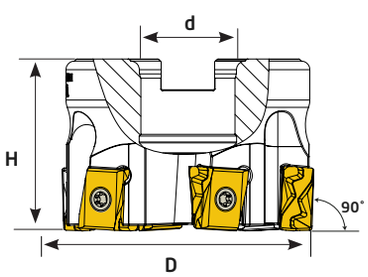



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions-Abmessungen (mm)* | | | | | Kullanılan Uç *Insert -WSP* | Sıkma Civatası *Clamp Screw -Torx-Schraube* | **Anahtar** *Torx Key-Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | d | Z | H | kg | | | |
| T672 | ● | D040 d16 Z04 LNXT 13 | 40 | 16 | 4 | 40 | 0,225 | **LNXT 1306 PLBT** | **TC074 M4x10** | **T15** |
| T673 | ● | D050 d22 Z05 LNXT 13 | 50 | 22 | 5 | 40 | 0,358 | | | |
| T674 | ● | D063 d22 Z06 LNXT 13 | 63 | 22 | 6 | 40 | 0,604 | | | |
| T675 | ● | D080 d27 Z07 LNXT 13 | 80 | 27 | 7 | 50 | 1,029 | | | |
| T676 | ● | D100 d32 Z08 LNXT 13 | 100 | 32 | 8 | 50 | 1,733 | | | |

*PLBT ucuna uygundur. / Compatible with PLBT insert. / Kompatible für PLBT WP*

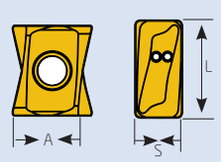
## 90° LOEX 1207






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | |
|---|---|---|
| L | S | A |
| 12 | 7,5 | 10,26 |

LOEX 1207

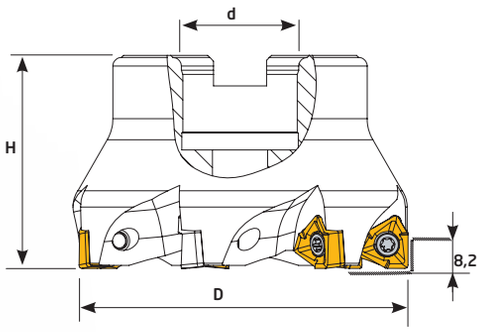



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions-Abmessungen (mm)* | | | | | Kullanılan Uç *Insert -WSP* | Sıkma Civatası *Clamp Screw -Torx-Schraube* | **Anahtar** *Torx Key-Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | d | Z | H | kg | | | |
| T586 | ● | D050 d22 Z05 LOEX12 | 50 | 22 | 5 | 40 | 0,358 | **LOEX 1207 SCO** | **TC074 M4x10** | **T15** |
| T587 | ● | D063 d22 Z06 LOEX12 | 63 | 22 | 6 | 40 | 0,604 | | | |
| T588 | ● | D080 d27 Z07 LOEX12 | 80 | 27 | 7 | 50 | 1,029 | | | |

*SCO ucuna uygundur. / Compatible with SCO insert. / Kompatible für SCO WP*

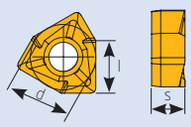
## 90° XNKT 0805

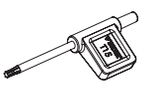





| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | |
|---|---|---|
| d | l | s |
| 10 | 8,2 | 5,5 |

XNKT 0805

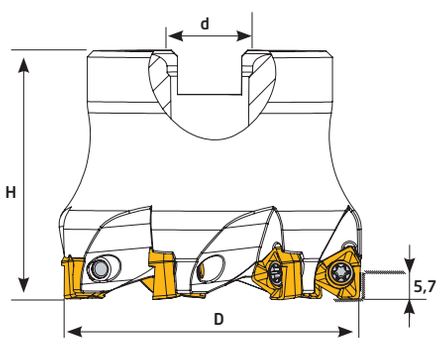



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | d | Z | H | kg |  |  |  |
| T900 | ● | D040 d16 Z04 XNKT 08 | 40 | 16 | 4 | 45 | 0,296 | XNKT 0805 KRLY | TC072 M4x10 | T15 |
| T902 | ● | D050 d22 Z05 XNKT 08 | 50 | 22 | 5 | 45 | 0,396 | | | |
| T904 | ● | D063 d22 Z06 XNKT 08 | 63 | 22 | 6 | 45 | 0,575 | | | |
| T906 | ● | D080 d27 Z07 XNKT 08 | 80 | 27 | 7 | 50 | 1,015 | | | |
| T907 | ● | D100 d40 Z08 XNKT 08 | 100 | 40 | 8 | 52 | 1,575 | | | |

*KRLY ucuna uygundur. / Compatible with KRLY insert. / Kompatible für KRLY WP*

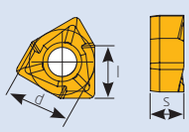
## 90° XNKT 0604

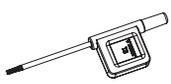





| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | |
|---|---|---|
| d | l | s |
| 6,5 | 5,7 | 4 |

XNKT 0604



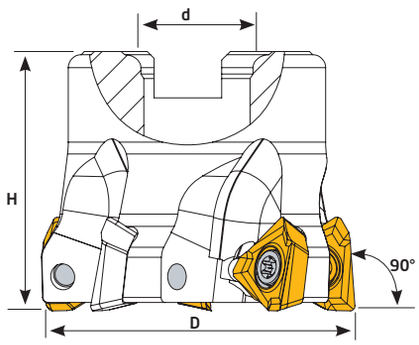

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | d | Z | H | kg |  |  |  |
| T852 | ● | D032 d16 Z04 XNKT 06 | 32 | 16 | 4 | 40 | 0,150 | XNKT 0604 KRLY | TC065-1 M3x7 | T8 |
| T853 | ● | D040 d16 Z06 XNKT 06 | 40 | 16 | 6 | 40 | 0,219 | | | |
| T854 | ● | D050 d22 Z07 XNKT 06 | 50 | 22 | 7 | 40 | 0,348 | | | |
| T855 | ● | D063 d22 Z08 XNKT 06 | 63 | 22 | 8 | 40 | 0,527 | | | |
| T856 | ● | D080 d27 Z10 XNKT 06 | 80 | 27 | 10 | 50 | 0,938 | | | |

*KRLY ucuna uygundur. / Compatible with KRLY insert. / Kompatible für KRLY WP*

● *Stokta/ In Stock / Lager* ○ *Sınırlı Stok / Limited Stock / Begrenzte Lagerhaltung*

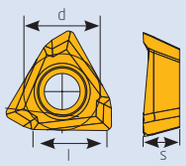
## 90° 3PKT 1505






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | |
|---|---|---|
| d | l | s |
| 10,7 | 11 | 5 |

3PKT 1505

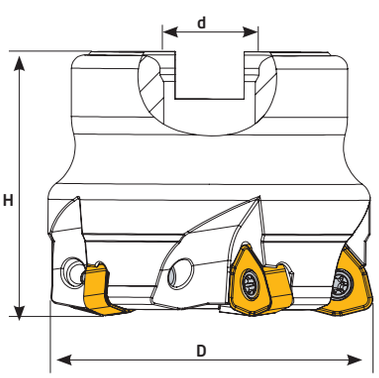



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | d | Z | H | kg | | | |
| T398 | ● | D050 d22 Z05 3PKT 15 | 50 | 22 | 5 | 40 | 0,325 | 3PKT 1505 TGTC | TC074 M4x10 | T15 |
| T399 | ● | D063 d22 Z06 3PKT 15 | 63 | 22 | 6 | 40 | 0,490 | | | |
| T400 | ● | D080 d27 Z07 3PKT 15 | 80 | 27 | 7 | 50 | 1,105 | | | |

*TGTC ucuna uygundur. / Compatible with TGTC insert. / Kompatible für TGTC WP*

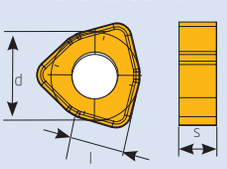
## WNMX 09T3






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | |
|---|---|---|
| d | l | s |
| 9,52 | 6,8 | 3,97 |

WNMX 09T3

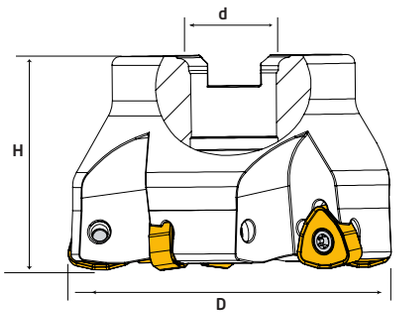


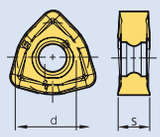

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | d | Z | H | kg | | | |
| T669 | ● | D040 d16 Z04 WNMX 09 | 40 | 16 | 4 | 40 | 0,213 | WNMX 09T3 KRLY | TC065 M3x7 | T8 |
| T670 | ● | D050 d22 Z05 WNMX 09 | 50 | 22 | 5 | 40 | 0,329 | | | |
| T671 | ● | D063 d22 Z06 WNMX 09 | 63 | 22 | 6 | 40 | 0,542 | | | |
| T671-1 | ● | D080 d27 Z06 WNMX 09 | 80 | 27 | 6 | 50 | 1,077 | | | |
| T671-2 | ● | D100 d32 Z07 WNMX 09 | 100 | 32 | 7 | 50 | 1,627 | | | |

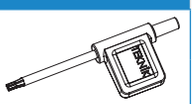
*KRLY ucuna uygundur. / Compatible with KRLY insert. / Kompatible für KRLY WP*

## WNMX 1305





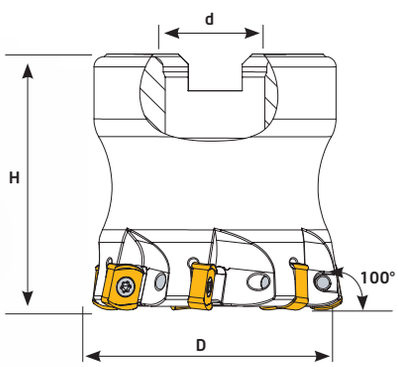

| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | WNMX 1305 |
|---|---|---|
| d | s |  |
| 12,7 | 5,56 | |

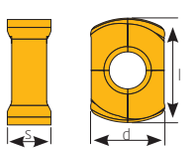
| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | d | Z | H | kg |  |  |  |
| T687 | ● | D063 d22 Z04 WNMX 13 | 63 | 22 | 4 | 50 | 0,752 | WNMX 1305 KRLY | TC074 M4x10 | T15 |
| T688 | ● | D080 d27 Z05 WNMX 13 | 80 | 27 | 5 | 50 | 1,040 | | | |
| T689 | ● | D100 d32 Z06 WNMX 13 | 100 | 32 | 6 | 50 | 1,625 | | | |
| T690 | ● | D125 d40 Z07 WNMX 13 | 125 | 40 | 7 | 63 | 3,716 | | | |

*KRLY ucuna uygundur. / Compatible with KRLY insert. / Kompatible für KRLY WP*

## 100° BLMP 0603






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | | BLMP 0603 |
|---|---|---|---|
| d | l | S |  |
| 6,39 | 9 | 3,73 | |

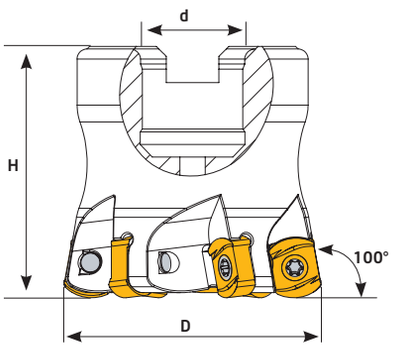
| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | d | Z | H | kg |  |  |  |
| T480 | ● | D040 d16 Z06 BLMP 06 | 40 | 16 | 6 | 45 | 0,262 | BLMP 0603 TGTC | TC064 M3x6,5 | T8 |
| T481 | ● | D050 d22 Z07 BLMP 06 | 50 | 22 | 7 | 50 | 0,457 | | | |
| T482 | ● | D052 d22 Z07 BLMP 06 | 52 | 22 | 7 | 50 | 0,472 | | | |

*TGTC ucuna uygundur. / Compatible with TGTC insert. / Kompatible für TGTC WP*

● *Stokta/ In Stock / Lager* ○ *Sınırlı Stok / Limited Stock / Begrenzte Lagerhaltung*

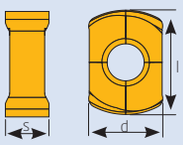
## 100° BLMP 0904






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | |
|---|---|---|
| d | l | S |
| 9,18 | 11,9 | 4,8 |

BLMP 0904

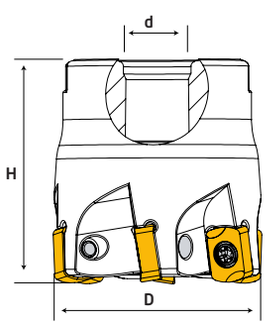



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | **Anahtar** *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | d | Z | H | kg | | | |
| T485 | ● | D040 d16 Z05 BLMP 09 | 40 | 16 | 5 | 40 | 0,176 | **BLMP 0904 TGTC** | **TC069 M3,5x8,5** | **T10** |
| T486 | ● | D052 d22 Z06 BLMP 09 | 52 | 22 | 6 | 50 | 0,427 | | | |
| T487 | ● | D063 d22 Z07 BLMP 09 | 63 | 22 | 7 | 50 | 0,615 | | | |

*TGTC ucuna uygundur. / Compatible with TGTC insert. / Kompatible für TGTC WP*

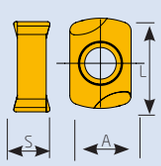
## LNMX 0603






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | |
|---|---|---|
| L | S | A |
| 10 | 6,8 | 3,6 |

LNMX 0603

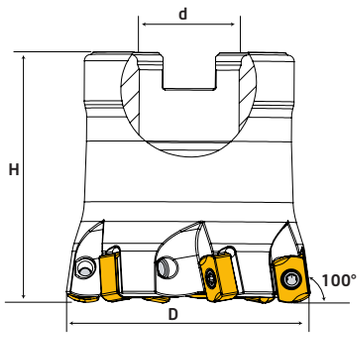



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | **Anahtar** *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | d | Z | H | kg | | | |
| T835 | ● | D032 d16 Z05 LNMX 06 | 32 | 16 | 5 | 40 | 0,173 | **LNMX 0603 KRLY** | **TC065-1 M3x7** | **T8** |
| T836 | ● | D040 d16 Z06 LNMX 06 | 40 | 16 | 6 | 40 | 0,279 | | | |
| T837 | ● | D050 d22 Z08 LNMX 06 | 50 | 22 | 8 | 40 | 0,400 | | | |

*KRLY ucuna uygundur. / Compatible with KRLY insert. / Kompatible für KRLY WP*

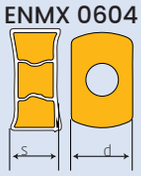
## 100° ENMX 0604

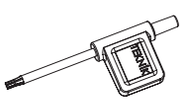





| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | |
|---|---|
| d | s |
| 6,30 | 4,11 |

ENMX 0604

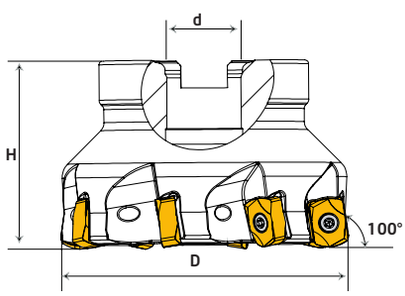



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | d | Z | H | kg |  |  |  |
| T763 | ● | D040 d16 Z06 ENMX 06 | 40 | 16 | 6 | 40 | 0,261 | ENMX 0604 YG1 | TC063 M2,5x7 | T8 |
| T764 | ● | D050 d22 Z06 ENMX 06 | 50 | 22 | 6 | 50 | 0,478 | | | |
| T765 | ● | D063 d22 Z07 ENMX 06 | 63 | 22 | 7 | 50 | 0,762 | | | |

*YG1 ucuna uygundur. / Compatible with YG1 insert. / Kompatible für YG1 WP*

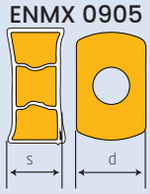
## 100° ENMX 0905

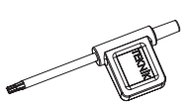





| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | |
|---|---|
| d | s |
| 9 | 5,4 |

ENMX 0905



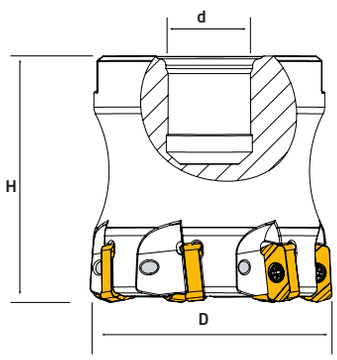

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | d | Z | H | kg |  |  |  |
| T701 | ● | D050 d22 Z04 ENMX 09 | 50 | 22 | 4 | 50 | 0,487 | ENMX 0905 YG1 | TC069 M3,5x8,5 | T10 |
| T702 | ● | D063 d22 Z05 ENMX 09 | 63 | 22 | 5 | 50 | 0,796 | | | |
| T703 | ● | D080 d27 Z08 ENMX 09 | 80 | 27 | 8 | 50 | 1,188 | | | |
| T704 | ● | D100 d32 Z10 ENMX 09 | 100 | 32 | 10 | 63 | 2,867 | | | |
| T705 | ● | D125 d40 Z12 ENMX 09 | 125 | 40 | 12 | 63 | 4,186 | | | |

*YG1 ucuna uygundur. / Compatible with YG1 insert. / Kompatible für YG1 WP*

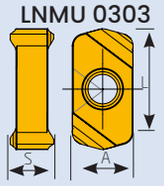
● *Stokta/ In Stock / Lager* ○ *Sınırlı Stok / Limited Stock / Begrenzte Lagerhaltung*

## LNMU 0303






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | |
|---|---|---|
| L | S | A |
| 11.8 | 4,1 | 6 |

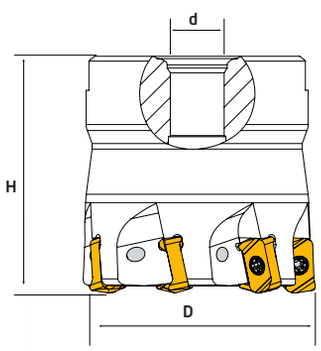



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | d | Z | H | kg | | | |
| T728 | ● | D040 d16 Z06 LNMU 03 | 40 | 16 | 6 | 40 | 0,275 | LNMU 0303 TNGLY - OKE | TC063 M2,5x7 | T8 |
| T729 | ● | D050 d22 Z07 LNMU 03 | 50 | 22 | 7 | 50 | 0,541 | | | |
| T730 | ● | D063 d22 Z09 LNMU 03 | 63 | 22 | 9 | 50 | 0,766 | | | |

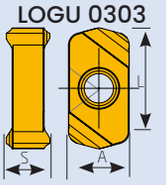
*TGNLY - OKE ucuna uygundur. / Compatible with TGNLY - OKE insert. / Kompatible für TGNLY - OKE WP*

## LOGU 0303






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | |
|---|---|---|
| L | S | A |
| 11.8 | 4,9 | 6.2 |

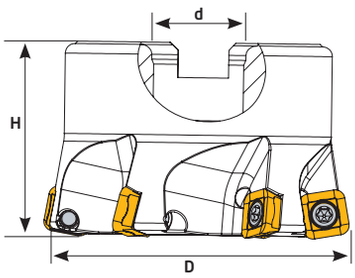



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | d | Z | H | kg | | | |
| T731 | ● | D040 d16 Z06 LOGU 03 | 40 | 16 | 6 | 40 | 0,283 | LOGU 0303 KYCR | TC064-2 M3x7 | T8 |
| T732 | ● | D050 d22 Z07 LOGU 03 | 50 | 22 | 7 | 50 | 0,582 | | | |
| T734 | ● | D063 d22 Z09 LOGU 03 | 63 | 22 | 9 | 50 | 1,188 | | | |

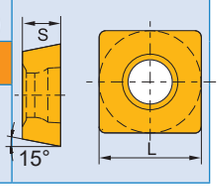
*KYCR ucuna uygundur. / Compatible with KYCR insert. / Kompatible für KYCR WP*

## SDMT 09T3






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | SDMT 09T3 |
|---|---|---|
| L | S | |
| 9,52 | 3,97 | |

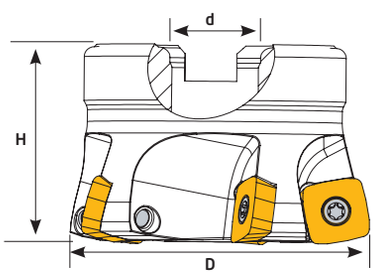



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | **Anahtar** *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | d | Z | H | Kg | | | |
| T362 | ● | D040 d16 Z04 SDMT 09 | 40 | 16 | 4 | 40 | 0,215 | SDMT 09T3 ZCC | TC067 M3,5x8,5 | T15 |
| T363 | ● | D050 d22 Z05 SDMT 09 | 50 | 22 | 5 | 40 | 0,355 | | | |
| T364 | ● | D063 d22 Z06 SDMT 09 | 63 | 22 | 6 | 40 | 0,592 | | | |

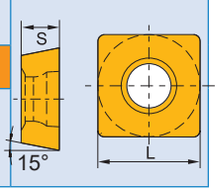
*ZCC ucuna uygundur. / Compatible with ZCC insert. / Kompatible für ZCC WP*

## SDMT 1204






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | SDMT 1204 |
|---|---|---|
| L | S | |
| 12,7 | 4,76 | |



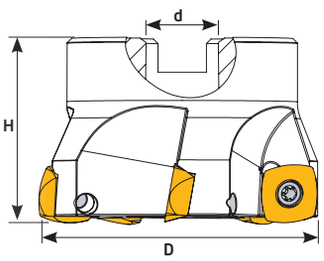

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | **Anahtar** *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | d | Z | H | Kg | | | |
| T358 | ● | D050 d22 Z04 SDMT 12 | 50 | 22 | 4 | 40 | 0,315 | SDMT 1204 ZCC | TC074 M4x10 | T15 |
| T359 | ● | D063 d22 Z05 SDMT 12 | 63 | 22 | 5 | 40 | 0,422 | | | |
| T360 | ● | D080 d27 Z06 SDMT 12 | 80 | 27 | 6 | 52 | 1,051 | | | |

*ZCC ucuna uygundur. / Compatible with ZCC insert. / Kompatible für ZCC WP*

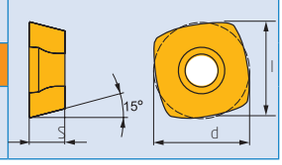
● *Stokta/ In Stock / Lager* ○ *Sınırlı Stok / Limited Stock / Begrenzte Lagerhaltung*

## ZDEW 1204






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | | ZDEW 1204 |
|---|---|---|---|
| l | S | d | |
| 12,7 | 4,76 | 12,7 | |

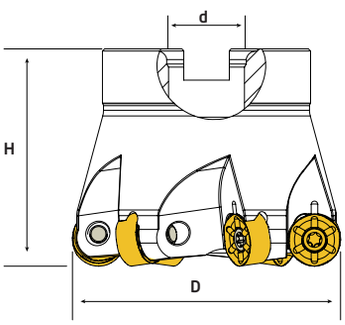



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | **Anahtar** *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | d | Z | H | kg | | | |
| T196 | ● | D050 d22 Z04 ZDEW 12 | 50 | 22 | 4 | 40 | 0,256 | **ZDEW 1204 PRMT** | **TC080-1 M4,5x11** | **T15** |
| T197 | ● | D063 d22 Z05 ZDEW 12 | 63 | 22 | 5 | 40 | 0,474 | | | |

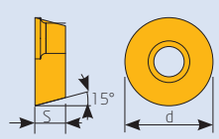
*PRMT ucuna uygundur. / Compatible with PRMT insert. / Kompatible für PRMT WP*

## RNHX 1204






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | RNHX 1204 |
|---|---|---|
| d | s | |
| 12 | 4,76 | |

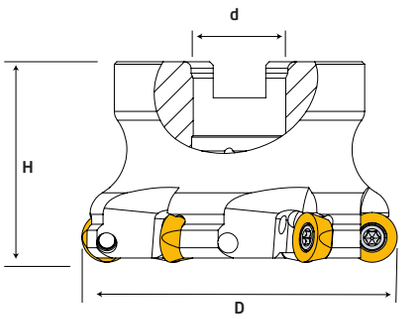



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | d | Z | H | kg | | | |
| T661 | ● | D050 d22 Z05 RNHX 12 | 50 | 22 | 5 | 40 | 0,284 | **RNHX 1204 PLBT** | **TC074 M4x10** | **T15** |
| T662 | ● | D063 d22 Z06 RNHX 12 | 63 | 22 | 6 | 50 | 0,637 | | | |
| T664 | ● | D100 d32 Z08 RNHX 12 | 100 | 32 | 8 | 50 | 1,570 | | | |

*PLBT ucuna uygundur. / Compatible with PLBT insert. / Kompatible für PLBT WP*

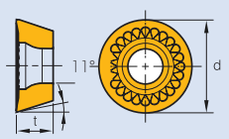
## RPMW 10T3






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | |
|---|---|
| t | d |
| 3,97 | 10 |

RPMW 10T3

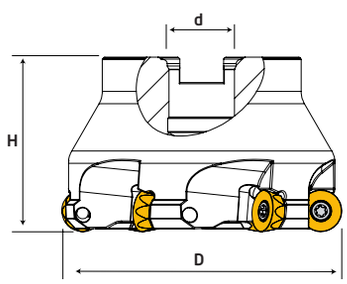



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | d | Z | H | kg | | | |
| T706 | ● | D040 d16 Z05 RPMW 10 | 40 | 16 | 5 | 40 | 0,240 | RPMW 10T3 KRLY | TC067 M3,5x8,5 | T15 |
| T707 | ● | D050 d22 Z06 RPMW 10 | 50 | 22 | 6 | 40 | 0,359 | | | |
| T708 | ● | D063 d22 Z06 RPMW 10 | 63 | 22 | 6 | 40 | 0,584 | | | |
| T709 | ● | D080 d27 Z07 RPMW 10 | 80 | 27 | 7 | 50 | 1,272 | | | |

*KRLY ucuna uygundur. / Compatible with KRLY insert. / Kompatible für KRLY WP*

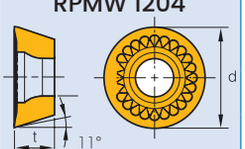
## RPMW 1204






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | |
|---|---|
| t | d |
| 4,76 | 12 |

RPMW 1204



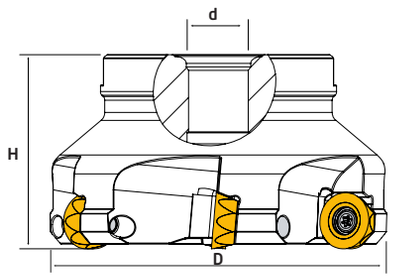

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | d | Z | H | kg | | | |
| T711 | ● | D050 d22 Z05 RPMW 12 | 50 | 22 | 5 | 40 | 0,327 | RPMW 1204 KRLY | TC073 M4x7 | T15 |
| T712 | ● | D063 d22 Z05 RPMW 12 | 63 | 22 | 5 | 40 | 0,556 | | | |
| T713 | ● | D080 d27 Z06 RPMW 12 | 80 | 27 | 6 | 50 | 0,584 | | | |
| T714 | ● | D100 d32 Z07 RPMW 12 | 100 | 32 | 7 | 53 | 1,278 | | | |

*KRLY ucuna uygundur. / Compatible with KRLY insert. / Kompatible für KRLY WP*

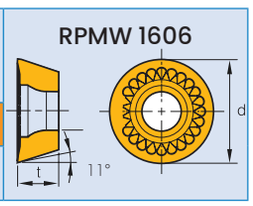
● *Stokta/ In Stock / Lager* ○ *Sınırlı Stok / Limited Stock / Begrenzte Lagerhaltung*

## RPMW 1606






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | |
|---|---|
| t | d |
| 6,35 | 16 |

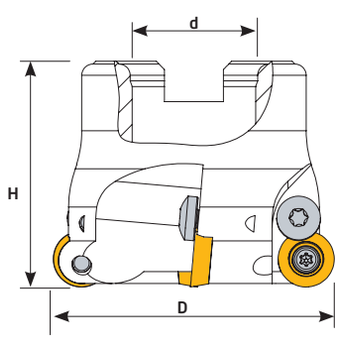



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* D | d | Z | H | Kg | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| T717 | ● | D063 d22 Z05 RPMW 16 | 63 | 22 | 5 | 40 | 0,509 | RPMW 1606 KRLY | TC083 M5X12 | T20 |
| T718 | ● | D080 d27 Z06 RPMW 16 | 80 | 27 | 6 | 50 | 1,048 | | | |
| T719 | ● | D100 d32 Z07 RPMW 16 | 100 | 32 | 7 | 55 | 0,584 | | | |
| T720 | ● | D125 d40 Z08 RPMW 16 | 125 | 40 | 8 | 63 | 1,903 | | | |

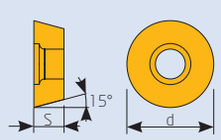
*KRLY ucuna uygundur. / Compatible with KRLY insert. / Kompatible für KRLY WP*

## RDMT 1003





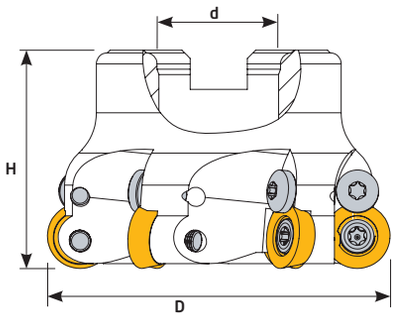

| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | |
|---|---|
| d | S |
| 10 | 3,18 |

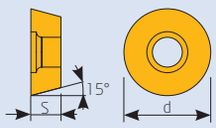



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* D | d | Z | H | Kg | Kullanılan Uç *Insert WSP* | Baskı Civatası *Locking Screw Verriegelungs Schraube* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| T288 | ● | D040 d16 Z03 RDMT 10 | 40 | 16 | 3 | 40 | 0,208 | RDMT 1003 ISO | TC040 M3,5 | TC067 M3,5x8,5 | T15 |
| T289 | ● | D040 d16 Z04 RDMT 10 | 40 | 16 | 4 | 40 | 0,220 | | | | |
| T290 | ● | D050 d22 Z04 RDMT 10 | 50 | 22 | 4 | 40 | 0,310 | | | | |
| T291 | ● | D050 d22 Z05 RDMT 10 | 50 | 22 | 5 | 40 | 0,302 | | | | |
| T292 | ● | D063 d22 Z05 RDMT 10 | 63 | 22 | 5 | 40 | 0,445 | | | | |
| T293 | ● | D063 d22 Z06 RDMT 10 | 63 | 22 | 6 | 40 | 0,460 | | | | |
| T294 | ● | D080 d27 Z06 RDMT 10 | 80 | 27 | 6 | 50 | 1,033 | | | | |
| T294-1 | ● | D080 d27 Z07 RDMT 10 | 80 | 27 | 7 | 50 | 1,048 | | | | |
| T295 | ● | D100 d32 Z07 RDMT 10 | 100 | 32 | 7 | 50 | 1,463 | | | | |
| T295-1 | ● | D100 d32 Z08 RDMT 10 | 100 | 32 | 8 | 50 | 1,478 | | | | |

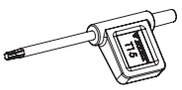
## RDMT 12T3





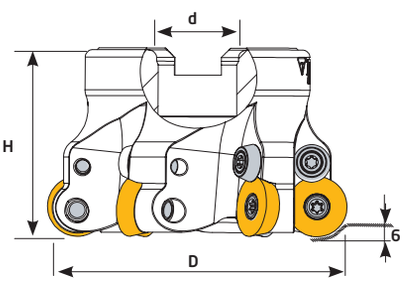

| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | RDMT 12T3 |
|---|---|---|
| d | S |  |
| 12 | 3,97 | |

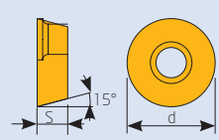


| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | Kullanılan Uç *Insert WSP* | Baskı Civatası *Locking Screw Verriegelungs Schraube* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | d | Z | H | Kg |  |  |  |  |
| T280 | ● | D040 d16 Z03 RDMT 12 | 40 | 16 | 3 | 40 | 0,235 | RDMT 12T3 ISO | TC040 M3,5 | TC067 M3,5x8,5 | T15 |
| T281 | ● | D040 d16 Z04 RDMT 12 | 40 | 16 | 4 | 40 | 0,236 | | | | |
| T282 | ● | D050 d22 Z04 RDMT 12 | 50 | 22 | 4 | 40 | 0,311 | | | | |
| T283 | ● | D050 d22 Z05 RDMT 12 | 50 | 22 | 5 | 40 | 0,309 | | | | |
| T284 | ● | D063 d22 Z05 RDMT 12 | 63 | 22 | 5 | 40 | 0,468 | | | | |
| T285 | ● | D063 d22 Z06 RDMT 12 | 63 | 22 | 6 | 40 | 0,500 | | | | |
| T286 | ● | D080 d27 Z06 RDMT 12 | 80 | 27 | 6 | 50 | 0,925 | | | | |
| T286-1 | ● | D080 d27 Z07 RDMT 12 | 80 | 27 | 7 | 50 | 0,950 | | | | |
| T287 | ● | D100 d32 Z07 RDMT 12 | 100 | 32 | 7 | 50 | 1,402 | | | | |
| T287-1 | ● | D100 d32 Z08 RDMT 12 | 100 | 32 | 8 | 50 | 1,435 | | | | |

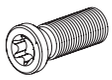
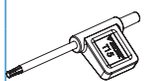
## RDMT 1604






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | RDMT 1604 |
|---|---|---|
| d | s |  |
| 16 | 4,76 | |

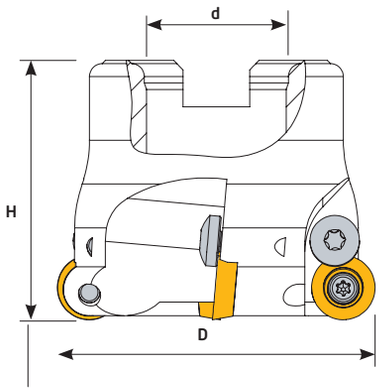


| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | Kullanılan Uç *Insert WSP* | Baskı Kepi *Clamp Spann-pratze* | Baskı Civatası *Clamp Screw Torx-Schraube* | Sıkma Civatası *Locking Screw Verriegelungs Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | d | Z | H | Kg |  |  |  |  |  |
| T270 | ● | D050 d22 Z04 RDMT 16 | 50 | 22 | 4 | 50 | 0,350 | RDMT 1604 ISO | BK035 | TC074 M4x10 | TC080 M4,5x11 | T15 |
| T271 | ● | D052 d22 Z04 RDMT 16 | 52 | 22 | 4 | 50 | 0,350 | | | | | |
| T273 | ● | D063 d22 Z05 RDMT 16 | 63 | 22 | 5 | 45 | 0,512 | | | | | |
| T272 | ● | D066 d27 Z05 RDMT 16 | 66 | 27 | 5 | 50 | 0,495 | | | | | |
| T274 | ● | D080 d27 Z06 RDMT 16 | 80 | 27 | 6 | 50 | 0,890 | | | | | |
| T275 | ● | D100 d32 Z07 RDMT 16 | 100 | 32 | 7 | 52 | 1,370 | | | | | |

● *Stokta/ In Stock / Lager* ○ *Sınırlı Stok / Limited Stock / Begrenzte Lagerhaltung*

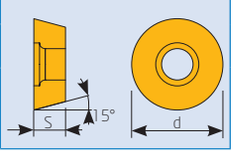
## RDMT 12T3






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | |
|---|---|
| d | s |
| 12 | 3,97 |

RDMT 12T3

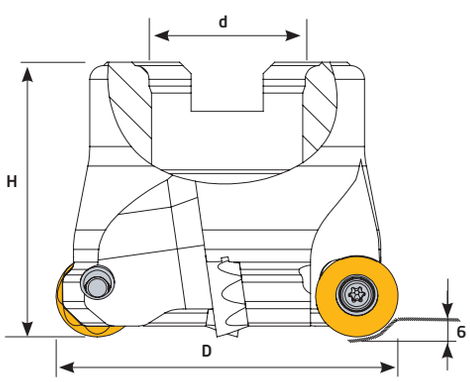



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | Kullanılan Uç *Insert WSP* | Baskı Civatası *Locking Screw Verriegelungs Schraube* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | d | Z | H | kg | | | | |
| T667 | ○ | D052 d22 Z05 RDMT 12 | 52 | 22 | 5 | 50 | 0,403 | RDMT 12T3 PLBT | TC040 M3,5 | TC067 M3,5x8,5 | T15 |
| T668-1 | ○ | D066 d27 Z06 RDMT 12 | 66 | 27 | 6 | 50 | 0,670 | | | | |
| T668 | ○ | D080 d27 Z07 RDMT 12 | 80 | 27 | 7 | 50 | 1,181 | | | | |

*PLBT ucuna uygundur. / Compatible with PLBT insert. / Kompatible für PLBT WP*

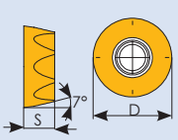
## RCKT 1204






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | |
|---|---|
| L | s |
| 12 | 4,76 |

RCKT 1204

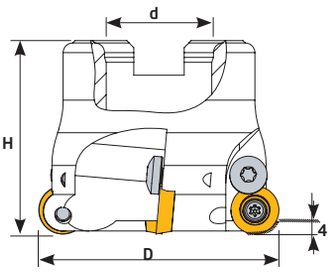



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | d | Z | H | kg | | | |
| T460 | ● | D050 d22 Z04 RCKT 12 | 50 | 22 | 4 | 40 | 0,287 | RCKT 1204 SNDVK | TC067 M3,5x8,5 | T15 |
| T462 | ● | D063 d22 Z05 RCKT 12 | 63 | 22 | 5 | 40 | 0,436 | | | |
| T464 | ● | D080 d27 Z06 RCKT 12 | 80 | 27 | 6 | 50 | 1,088 | | | |
| T466 | ● | D100 d32 Z07 RCKT 12 | 100 | 32 | 7 | 52 | 1,608 | | | |

*SNDVK ucuna uygundur. / Compatible with SNDVK insert. / Kompatible für SNDVK WP*

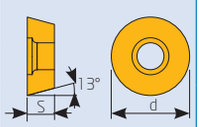
## RHKW 0802






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | |
|---|---|
| d | S |
| 8 | 2,6 |

RHKW 0802

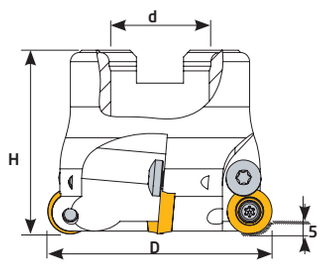



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | Kullanılan Uç *Insert WSP* | Baskı Civatası *Locking Screw Verriegelungs Schraube* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | d | Z | H | kg | | | | |
| T599 | ○ | D040 d16 Z04 RHKW 08 | 40 | 16 | 4 | 40 | 0,247 | RHKW 0802 INGRSLL | TC040 M3,5 | TC065-1 M3x7 | T15 |
| T600 | ○ | D050 d22 Z05 RHKW 08 | 50 | 22 | 5 | 40 | 0,309 | | | | |
| T601 | ○ | D063 d22 Z06 RHKW 08 | 63 | 22 | 6 | 40 | 0,530 | | | | |

*INGRSLL ucuna uygundur. / Compatible with INGRSLL insert. / Kompatible für INGRSLL WP*

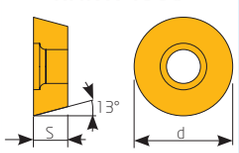
## RHKW 1003






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | |
|---|---|
| d | S |
| 10 | 3,8 |

RHKW 1003

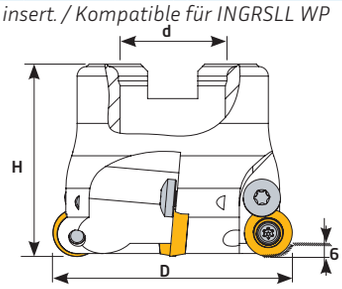



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | Kullanılan Uç *Insert WSP* | Baskı Civatası *Locking Screw Verriegelungs Schraube* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | d | Z | H | kg | | | | |
| T602 | ○ | D040 d16 Z04 RHKW 10 | 40 | 16 | 4 | 40 | 0,243 | RHKW 1003 INGRSLL | TC040 M3,5 | TC074 M4x10 | T15 |
| T604 | ○ | D050 d22 Z05 RHKW 10 | 50 | 22 | 5 | 40 | 0,289 | | | | |
| T606 | ○ | D063 d22 Z06 RHKW 10 | 63 | 22 | 6 | 40 | 0,488 | | | | |
| T608 | ○ | D080 d27 Z07 RHKW 10 | 80 | 27 | 7 | 50 | 1,080 | | | | |

*INGRSLL ucuna uygundur. / Compatible with INGRSLL insert. / Kompatible für INGRSLL WP*

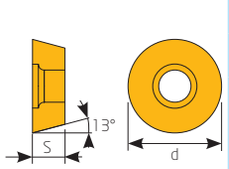
## RHKW 1204






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | |
|---|---|
| d | s |
| 12 | 4,76 |

RHKW 1204



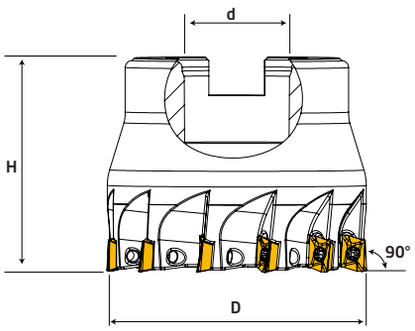

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | Kullanılan Uç *Insert WSP* | Baskı Civatası *Locking Screw Verriegelungs Schraube* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | d | Z | H | kg | | | | |
| T612 | ○ | D040 d16 Z04 RHKW 12 | 40 | 16 | 4 | 40 | 0,246 | RHKW 1204 INGRSLL | TC040 M3,5 | TC074 M4x10 | T15 |
| T613 | ○ | D050 d22 Z05 RHKW 12 | 50 | 22 | 5 | 40 | 0,304 | | | | |
| T614 | ○ | D063 d22 Z06 RHKW 12 | 63 | 22 | 6 | 45 | 0,556 | | | | |
| T615 | ○ | D080 d27 Z07 RHKW 12 | 80 | 27 | 7 | 50 | 1,039 | | | | |

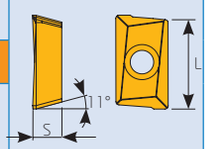
*INGRSLL ucuna uygundur. / Compatible with INGRSLL insert. / Kompatible für INGRSLL WP*

● *Stokta/ In Stock / Lager* ○ *Sınırlı Stok / Limited Stock / Begrenzte Lagerhaltung*

## 90° APMT 0602-0903




| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | APMT 0602 |
|---|---|---|
| L | S |  |
| 6 | 2,6 | |

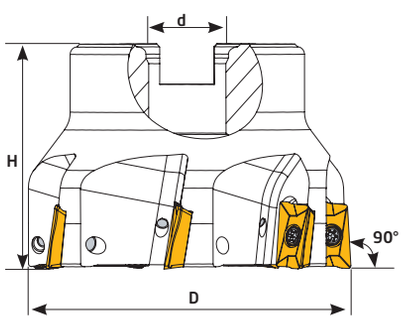


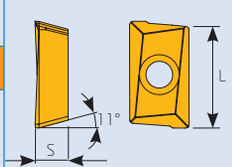
| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | d | Z | H | Kg |  |  |  |
| T596 | ● | D40 d16 Z10 APMT 06 | 40 | 16 | 10 | 40 | 0,281 | APMT 0602 KRLY | TC057-1 M1,8x4,1 | T6 |
| T597 | ● | D50 d22 Z12 APMT 06 | 50 | 22 | 12 | 40 | 0,435 | | | |
| T598 | ● | D63 d22 Z14 APMT 06 | 63 | 22 | 14 | 40 | 0,715 | | | |
| T239 | ● | D40 d16 Z05 APMT 09 | 40 | 16 | 5 | 40 | 0,248 | APMT 0903 KRLY | TC060 M2,5x5,5 | T8 |
| T240 | ● | D50 d22 Z06 APMT 09 | 50 | 22 | 6 | 40 | 0,348 | | | |

*KRLY ucuna uygundur. / Compatible with KRLY insert. / Kompatible für KRLY WP*

## 90° APMT 11T3




| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | APMT 11T3 |
|---|---|---|
| L | S |  |
| 11 | 3,97 | |

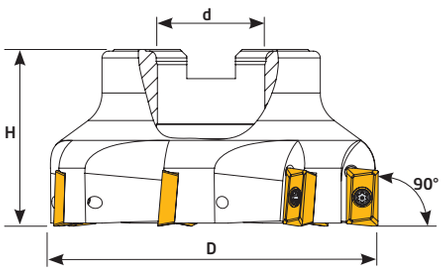


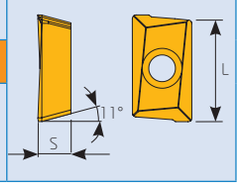
| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | **Anahtar** *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | d | Z | H | Kg |  |  |  |
| T250 | ● | D040 d16 Z05 APMT 11 | 40 | 16 | 5 | 40 | 0,220 | APMT 11T3 KRLY | TC060 M2,5x5,5 | T8 |
| T252 | ● | D050 d22 Z06 APMT 11 | 50 | 22 | 6 | 40 | 0,332 | | | |
| T254 | ● | D063 d22 Z07 APMT 11 | 63 | 22 | 7 | 40 | 0,483 | | | |
| T256 | ● | D080 d27 Z08 APMT 11 | 80 | 27 | 8 | 50 | 1,115 | | | |
| T258 | ● | D100 d32 Z10 APMT 11 | 100 | 32 | 10 | 63 | 1,810 | | | |

*KRLY ucuna uygundur. / Compatible with KRLY insert. / Kompatible für KRLY WP*

## 90° APMT 1604






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | APMT 1604 |
|---|---|---|
| L | S |  |
| 16,4 | 4,76 | |

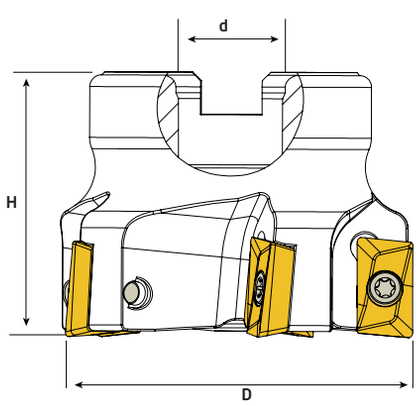


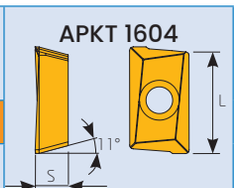
| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | d | Z | H | kg |  |  |  |
| T241 | ● | D040 d16 Z04 APMT 16 | 40 | 16 | 4 | 45 | 0,258 | APMT 1604 KRLY | TC074 M4x10 | T15 |
| T243 | ● | D050 d22 Z05 APMT 16 | 50 | 22 | 5 | 45 | 0,400 | | | |
| T245 | ● | D063 d22 Z06 APMT 16 | 63 | 22 | 6 | 45 | 0,578 | | | |
| T247 | ● | D080 d27 Z07 APMT 16 | 80 | 27 | 7 | 52 | 1,249 | | | |
| T249 | ● | D100 d32 Z08 APMT 16 | 100 | 32 | 8 | 52 | 1,530 | | | |

*KRLY ucuna uygundur. / Compatible with KRLY insert. / Kompatible fr KRLY WP*

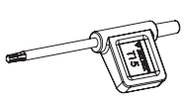
## 90° APKT 1604






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | APKT 1604 |
|---|---|---|
| L | S |  |
| 16,39 | 5,82 | |



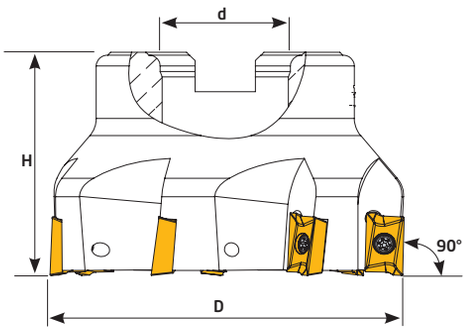
| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | d | Z | H | kg |  |  |  |
| T767 | ● | D050 d22 Z04 APKT 16 | 50 | 22 | 4 | 45 | 0,381 | APKT 1604 YG1 | TC074 M4x10 | T15 |
| T768 | ● | D063 d22 Z05 APKT 16 | 63 | 22 | 5 | 45 | 0,507 | | | |
| T769 | ● | D080 d27 Z06 APKT 16 | 80 | 27 | 6 | 52 | 1,125 | | | |

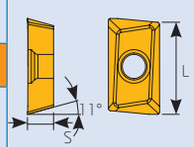
*YG1 ucuna uygundur. / Compatible with YG1 insert. / Kompatible für YG1 WP*

● *Stokta/ In Stock / Lager* ○ *Sınırlı Stok / Limited Stock / Begrenzte Lagerhaltung*

## 90° APXT 1003





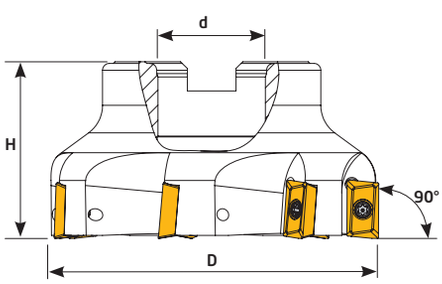

| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | APXT 1003 |
|---|---|---|
| L | s |  |
| 10,5 | 3,52 | |

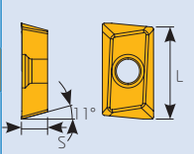
| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | d | Z | H | kg |  |  |  |
| T176 | ● | D040 d16 Z05 APXT 10 | 40 | 16 | 5 | 40 | 0,277 | APXT 1003 KRLY | TC060 M2,5x5,5 | T8 |
| T177 | ● | D050 d22 Z06 APXT 10 | 50 | 22 | 6 | 40 | 0,398 | | | |
| T178 | ● | D063 d22 Z07 APXT 10 | 63 | 22 | 7 | 40 | 0,543 | | | |
| T179 | ● | D080 d27 Z08 APXT 10 | 80 | 27 | 8 | 50 | 1,205 | | | |

*KRLY ucuna uygundur. / Compatible with KRLY insert. / Kompatible für KRLY WP*

## 90° APKT 1604





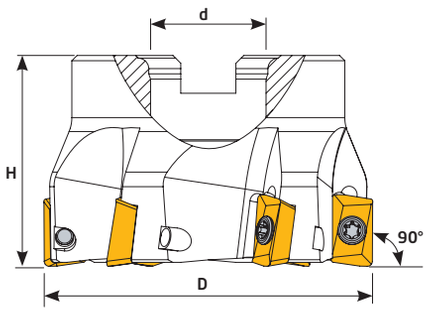

| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | APKT 1604 |
|---|---|---|
| L | s |  |
| 16,4 | 4,76 | |

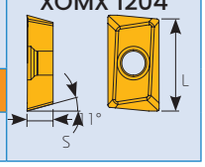
| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | d | Z | H | kg |  |  |  |
| T180 | ● | D040 d16 Z03 APKT 16 | 40 | 16 | 3 | 45 | 0,267 | APKT 1604 KRLY | TC074 M4x10 | T15 |
| T181 | ● | D040 d16 Z04 APKT 16 | 40 | 16 | 4 | 45 | 0,258 | | | |
| T182 | ● | D050 d22 Z04 APKT 16 | 50 | 22 | 4 | 45 | 0,406 | | | |
| T183 | ● | D050 d22 Z05 APKT 16 | 50 | 22 | 5 | 45 | 0,400 | | | |
| T184 | ● | D063 d22 Z05 APKT 16 | 63 | 22 | 5 | 45 | 0,577 | | | |
| T185 | ● | D063 d22 Z06 APKT 16 | 63 | 22 | 6 | 45 | 0,578 | | | |
| T186 | ● | D080 d27 Z06 APKT 16 | 80 | 27 | 6 | 52 | 1,159 | | | |
| T187 | ● | D080 d27 Z07 APKT 16 | 80 | 27 | 7 | 52 | 1,249 | | | |
| T188 | ● | D100 d32 Z07 APKT 16 | 100 | 32 | 7 | 52 | 1,057 | | | |
| T189 | ● | D100 d32 Z08 APKT 16 | 100 | 32 | 8 | 52 | 1,530 | | | |
| T190 | ● | D125 d40 Z09 APKT 16 | 125 | 40 | 9 | 62 | 3,642 | | | |
| T192 | ● | D160 d40 Z10 APKT 16 | 160 | 40 | 10 | 62 | 4,885 | | | |
| T193 | ● | D200 d60 Z12 APKT 16 | 200 | 60 | 12 | 63 | 6,370 | | | |
| T195 | ● | D300 d60 Z15 APKT 16 | 300 | 60 | 15 | 62 | 14,360 | | | |

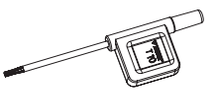
*KRLY ucuna uygundur. / Compatible with KRLY insert. / Kompatible für KRLY WP*

## 90° XOMX 1204





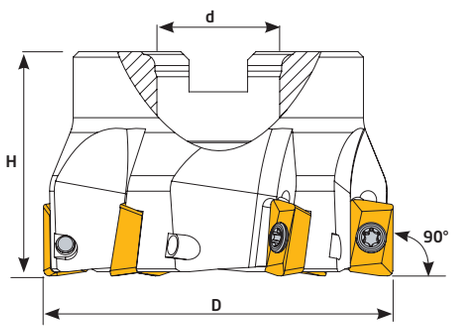

| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | XOMX 1204 |
|---|---|---|
| L | s |  |
| 12,16 | 5,06 | |

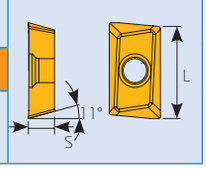
| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | d | Z | H | kg |  |  |  |
| T510 | ● | D040 d16 Z04 XOMX 12 | 40 | 16 | 4 | 40 | 0,250 | XOMX 1204 SCO | TC069 M3,5x8,5 | T10 |
| T512 | ● | D050 d22 Z05 XOMX 12 | 50 | 22 | 5 | 40 | 0,351 | | | |
| T514 | ● | D063 d22 Z06 XOMX 12 | 63 | 22 | 6 | 40 | 0,618 | | | |
| T516 | ● | D080 d27 Z07 XOMX 12 | 80 | 27 | 7 | 50 | 1,155 | | | |
| T518 | ● | D100 d32 Z10 XOMX 12 | 100 | 32 | 10 | 52 | 1,817 | | | |
| T519 | ● | D125 d40 Z12 XOMX 12 | 125 | 40 | 12 | 62 | 3,565 | | | |

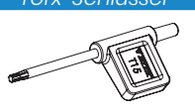
*SCO ucuna uygundur. / Compatible with SCO insert. / Kompatible für SCO WP*

## 90° XOMX 1806






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | XOMX 1806 |
|---|---|---|
| L | s |  |
| 17,5 | 6,35 | |

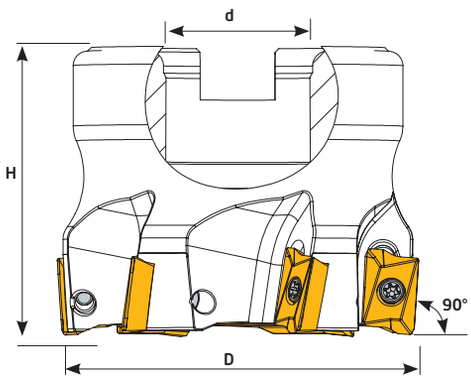
| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | d | Z | H | kg |  |  |  |
| T520 | ● | D050 d22 Z05 XOMX 18 | 50 | 22 | 5 | 45 | 0,337 | XOMX 1806 SCO | TC080 M4,5x11 | T15 |
| T522 | ● | D063 d22 Z06 XOMX 18 | 63 | 22 | 6 | 45 | 0,550 | | | |
| T524 | ● | D080 d27 Z07 XOMX 18 | 80 | 27 | 7 | 50 | 1,082 | | | |
| T525 | ● | D100 d32 Z08 XOMX 18 | 100 | 32 | 8 | 52 | 1,661 | | | |
| T526 | ● | D125 d40 Z09 XOMX 18 | 125 | 40 | 9 | 62 | 3,427 | | | |
| T527 | ● | D160 d40 Z10 XOMX 18 | 160 | 40 | 10 | 62 | 4,831 | | | |

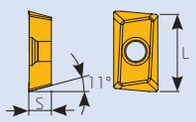
*SCO ucuna uygundur. / Compatible with SCO insert. / Kompatible für SCO WP*

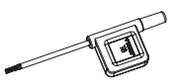
● *Stokta/ In Stock / Lager* ○ *Sınırlı Stok / Limited Stock / Begrenzte Lagerhaltung*

## 90° R390-11T3





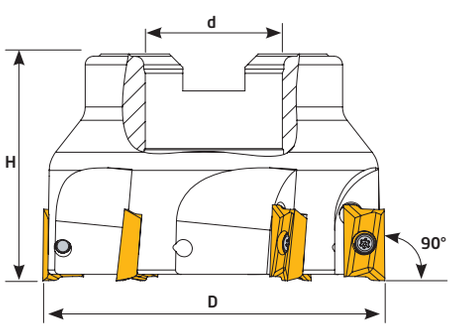

| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | R390-11T3 |
|---|---|---|
| L | S |  |
| 11 | 3,18 | |

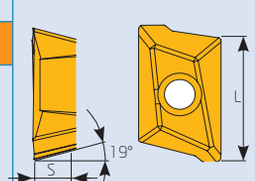
| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | d | Z | H | kg |  |  |  |
| T577 | ● | D040 d16 Z05 R390 11 | 40 | 16 | 5 | 40 | 0,225 | R390-11T3 SNDVK | TC063 M2,5x7 | T8 |
| T578 | ● | D050 d22 Z06 R390 11 | 50 | 22 | 6 | 40 | 0,355 | | | |
| T579 | ● | D063 d22 Z07 R390 11 | 63 | 22 | 7 | 40 | 0,503 | | | |

*SNDVK ucuna uygundur. / Compatible with SNDVK insert. / Kompatible für SNDVK WP*

## 90° R390-1704





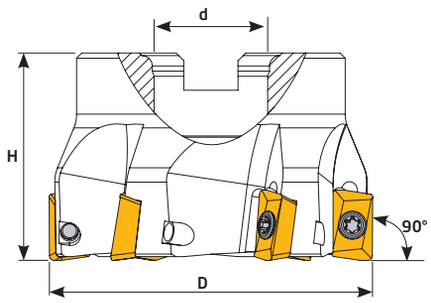

| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | R390-1704 |
|---|---|---|
| L | S |  |
| 17 | 4,76 | |

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | d | Z | H | kg |  |  |  |
| T402 | ● | D040 d16 Z04 R390 17 | 40 | 16 | 4 | 45 | 0,276 | R390-1704 SNDVK | TC067 M3,5x8,5 | T15 |
| T404 | ● | D050 d22 Z05 R390 17 | 50 | 22 | 5 | 45 | 0,591 | | | |
| T408 | ● | D063 d22 Z06 R390 17 | 63 | 22 | 6 | 45 | 0,590 | | | |
| T411 | ● | D080 d27 Z07 R390 17 | 80 | 27 | 7 | 52 | 1,168 | | | |
| T412 | ● | D100 d32 Z08 R390 17 | 100 | 32 | 8 | 52 | 1,665 | | | |
| T414 | ● | D125 d40 Z09 R390 17 | 125 | 40 | 9 | 62 | 3,680 | | | |
| T416 | ● | D160 d40 Z10 R390 17 | 160 | 40 | 10 | 62 | 5,010 | | | |

*SNDVK ucuna uygundur. / Compatible with SNDVK insert. / Kompatible für SNDVK WP*

## 90° R390-1806





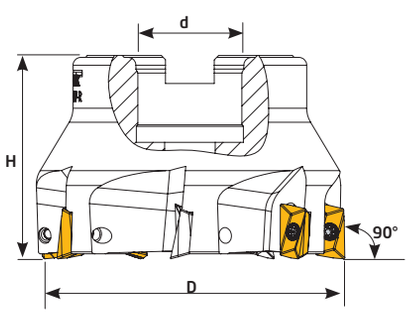

| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | R390-1806 |
|---|---|---|
| L | s | |
| 18 | 6,33 | |

| Sipariş Kodu Order Code Best.-Nr. | Stok/Stock/Lager | Ürün Kodu Product Code Produkt-Code | Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | | | | Kullanılan Uç Insert WSP | Sıkma Civatası Clamp Screw Torx-Schraube | Anahtar Torx Key Torx-Schlüssel |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | d | Z | H | kg | | | |
| T423 | ● | D050 d22 Z04 R390 18 | 50 | 22 | 4 | 45 | 0,303 | R390-1806 SNDVK | TC074 M4x10 | T15 |
| T424 | ● | D063 d22 Z05 R390 18 | 63 | 22 | 5 | 45 | 0,490 | | | |
| T426 | ● | D080 d27 Z06 R390 18 | 80 | 27 | 6 | 52 | 1,081 | | | |
| T428 | ● | D100 d32 Z07 R390 18 | 100 | 32 | 7 | 52 | 1,595 | | | |
| T430 | ● | D125 d40 Z08 R390 18 | 125 | 40 | 8 | 62 | 3,558 | | | |
| T432 | ● | D160 d40 Z10 R390 18 | 160 | 40 | 10 | 62 | 4,411 | | | |

*SNDVK ucuna uygundur. / Compatible with SNDVK insert. / Kompatible für SNDVK WP*

## 90° ADMT 1204






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | ADMT 1204 |
|---|---|---|
| L | S | |
| 13,6 | 4,76 | |

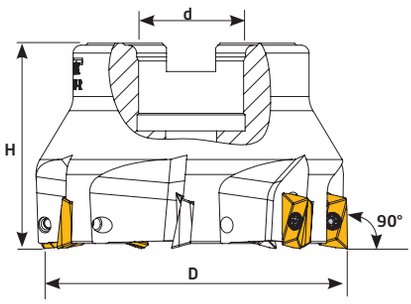
| Sipariş Kodu Order Code Best.-Nr. | Stok/Stock/Lager | Ürün Kodu Product Code Produkt-Code | Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | | | | Kullanılan Uç Insert WSP | Sıkma Civatası Clamp Screw Torx-Schraube | Anahtar Torx Key Torx-Schlüssel |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | d | Z | H | kg | | | |
| T214 | ● | D040 d16 Z04 ADMT 12 | 40 | 16 | 4 | 45 | 0,280 | ADMT 1204 WLTR | TC065 M3x7 | T8 |
| T215 | ● | D050 d22 Z05 ADMT 12 | 50 | 22 | 5 | 45 | 0,350 | | | |
| T217 | ● | D063 d22 Z06 ADMT 12 | 63 | 22 | 6 | 45 | 0,610 | | | |
| T219 | ● | D080 d27 Z07 ADMT 12 | 80 | 27 | 7 | 52 | 1,176 | | | |
| T220 | ● | D100 d32 Z08 ADMT 12 | 100 | 32 | 8 | 52 | 1,595 | | | |

*WLTR ucuna uygundur. / Compatible with WLTR insert. / Kompatible für WLTR WP*

● *Stokta/ In Stock / Lager* ○ *Sınırlı Stok / Limited Stock / Begrenzte Lagerhaltung*

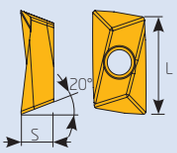
## 90° ADMT 1606






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | |
|---|---|
| L | S |
| 17,5 | 6,15 |

ADMT 1606

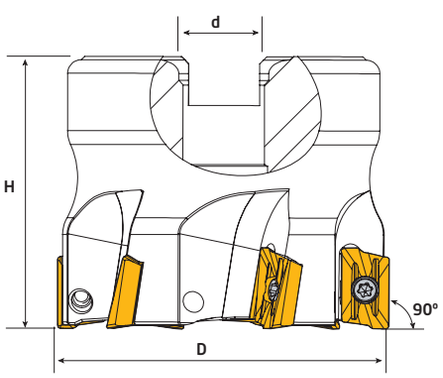



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* D | d | Z | H | kg | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| T351 | ● | D040 d16 Z04 ADMT 16 | 40 | 16 | 4 | 45 | 0,258 | ADMT 1606 WLTR | TC072 M4x10 | T15 |
| T352 | ● | D050 d22 Z05 ADMT 16 | 50 | 22 | 5 | 45 | 0,397 | | | |
| T354 | ● | D063 d22 Z06 ADMT 16 | 63 | 22 | 6 | 45 | 0,578 | | | |
| T356 | ● | D080 d27 Z07 ADMT 16 | 80 | 27 | 7 | 52 | 1,254 | | | |

*WLTR ucuna uygundur. / Compatible with WLTR insert. / Kompatible für WLTR WP*

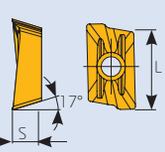
## 90° BDMT 11T3






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | |
|---|---|
| L | S |
| 11 | 3,8 |

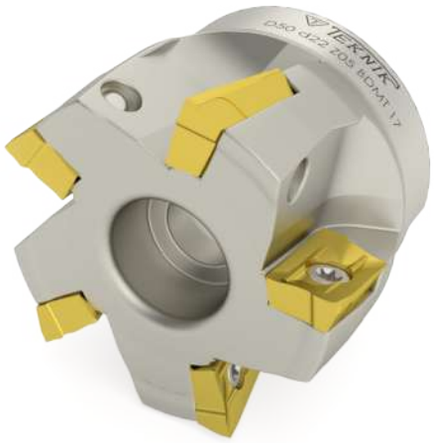
BDMT 11T3

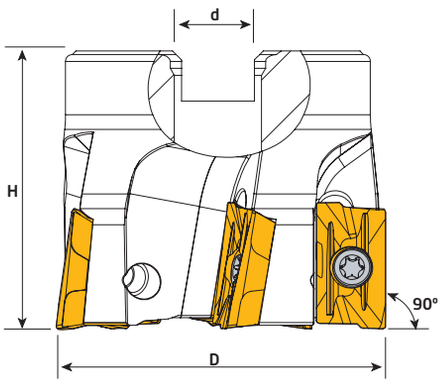


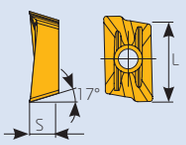

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* D | d | Z | H | kg | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | **Anahtar** *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| T533 | ● | D040 d16 Z05 BDMT 11 | 40 | 16 | 5 | 40 | 0,224 | BDMT 11T3 KYCRA | TC060 M2,5x5,5 | T8 |
| T534 | ● | D050 d22 Z06 BDMT 11 | 50 | 22 | 6 | 40 | 0,361 | | | |
| T535 | ● | D063 d22 Z07 BDMT 11 | 63 | 22 | 7 | 40 | 0,527 | | | |

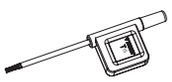
*KYCRA ucuna uygundur. / Compatible with KYCRA insert. / Kompatible für KYCRA WP*

## 90° BDMT 1704





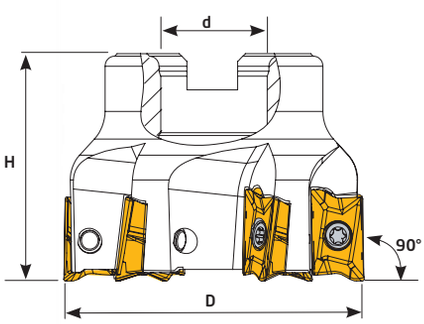

| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | BDMT 1704 |
|---|---|---|
| L | S |  |
| 17 | 4,9 | |

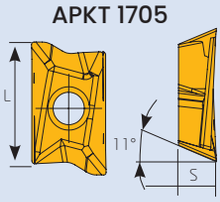
| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | d | Z | H | kg |  |  |  |
| T537 | ● | D040 d16 Z04 BDMT 17 | 40 | 16 | 4 | 40 | 0,190 | BDMT 1704 KYCRA | TC074 M4x10 | T15 |
| T538 | ● | D050 d22 Z05 BDMT 17 | 50 | 22 | 5 | 40 | 0,312 | | | |
| T539 | ● | D063 d22 Z06 BDMT 17 | 63 | 22 | 6 | 40 | 0,516 | | | |
| T540 | ● | D080 d27 Z07 BDMT 17 | 80 | 27 | 7 | 50 | 1,165 | | | |

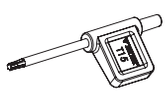
*KYCRA ucuna uygundur. / Compatible with KYCRA insert. / Kompatible für KYCRA WP*

## 90° APKT 1705






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | APKT 1705 |
|---|---|---|
| L | S |  |
| 17 | 5,56 | |

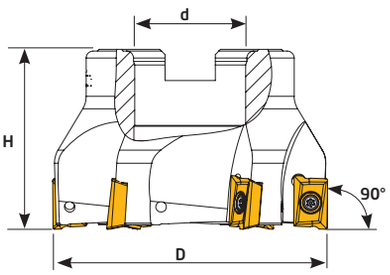
| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | d | Z | H | kg |  |  |  |
| T550 | ● | D040 d16 Z04 APKT 17 | 40 | 16 | 4 | 45 | 0,239 | APKT 1705 TGTC | TC074 M4x10 | T15 |
| T552 | ● | D050 d22 Z05 APKT 17 | 50 | 22 | 5 | 45 | 0,362 | | | |
| T554 | ● | D063 d22 Z06 APKT 17 | 63 | 22 | 6 | 45 | 0,520 | | | |
| T556 | ● | D080 d27 Z07 APKT 17 | 80 | 27 | 7 | 50 | 1,047 | | | |
| T558 | ● | D100 d32 Z08 APKT 17 | 100 | 32 | 8 | 52 | 1,620 | | | |

*TGTC ucuna uygundur. / Compatible with TGTC insert. / Kompatible für TGTC WP*

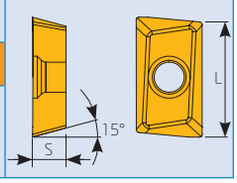
● *Stokta/ In Stock / Lager* ○ *Sınırlı Stok / Limited Stock / Begrenzte Lagerhaltung*

## 90° ADKT 1505






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | ADKT 1505 |
|---|---|---|
| L | S | |
| 15,7 | 5,63 | |

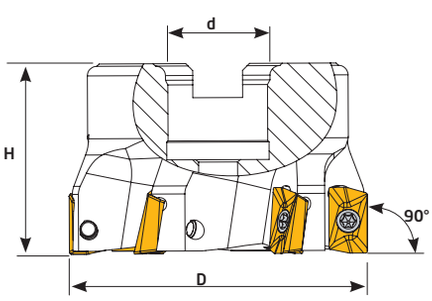



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Scr Torx-Schraube* | Anahtar *Torx Key / Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | d | Z | H | kg | | | |
| T200 | ● | D040 d16 Z04 ADKT 15 | 40 | 16 | 4 | 45 | 0,270 | ADKT 1505 ISCR | TC074 M4x10 | T15 |
| T202 | ● | D050 d22 Z05 ADKT 15 | 50 | 22 | 5 | 45 | 0,394 | | | |
| T204 | ● | D063 d22 Z06 ADKT 15 | 63 | 22 | 6 | 45 | 0,565 | | | |
| T206 | ● | D080 d27 Z07 ADKT 15 | 80 | 27 | 7 | 52 | 1,152 | | | |
| T207 | ● | D100 d32 Z08 ADKT 15 | 100 | 32 | 8 | 52 | 1,546 | | | |
| T208 | ● | D125 d40 Z09 ADKT 15 | 125 | 40 | 9 | 62 | 0,272 | | | |

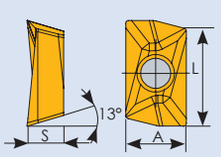
*ISCR ucuna uygundur. / Compatible with ISCR insert. / Kompatible für ISCR WP*

## 90° BOMT 1304






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | | BOMT 1304 |
|---|---|---|---|
| L | S | A | |
| 13 | 4,5 | 8 | |

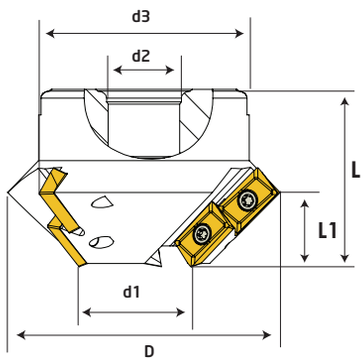


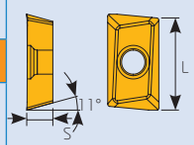

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | **Anahtar** *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | d | Z | H | kg | | | |
| T965 | ● | D040 d16 Z04 BOMT 13 | 40 | 16 | 4 | 40 | 0,272 | BOMT 1304 INGRSLL | TC069 M3,5x8,5 | T10 |
| T966 | ● | D050 d22 Z05 BOMT 13 | 50 | 22 | 5 | 40 | 0,369 | | | |
| T967 | ● | D063 d22 Z06 BOMT 13 | 63 | 22 | 6 | 40 | 0,613 | | | |

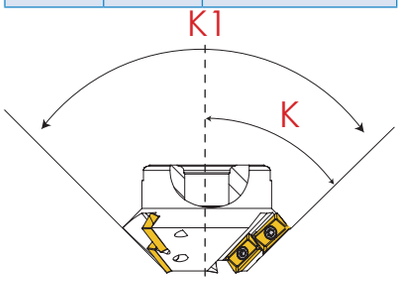
*INGRSLL ucuna uygundur. / Compatible with INGRSLL insert. / Kompatible für INGRSLL WP*

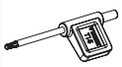
## APKT 16 HAVŞA
## Chamfer End Mills




| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | APKT 1604 |
|---|---|---|
| L | s |  |
| 16,4 | 4,76 | |

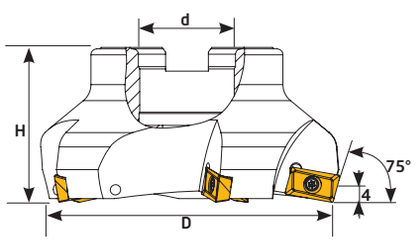


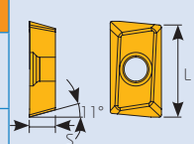

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | K | K1 | d1 | D | Z | d2 | d3 | L | L1 | kg |  |  |  |
| T457 | ● | 35-50,5 Z06 K15° APKT 16 | 15° | 30° | 35 | 50,5 | 6 | 22 | 45 | 60 | 30 | 0,415 | APKT 1604 KRLY | TC074 M4x10 | T15 |
| T454 | ● | 35-65 Z06 K30° APKT 16 | 30° | 60° | 35 | 65 | 6 | 27 | 48 | 50 | 26,3 | 0,610 | | | |
| T456 | ● | 35-76 Z06 K45° APKT 16 | 45° | 90° | 35 | 76 | 6 | 27 | 60 | 50 | 21,5 | 0,734 | | | |
| T455 | ● | 35-86 Z06 K60° APKT 16 | 60° | 120° | 35 | 86 | 6 | 27 | 60 | 50 | 15 | 0,892 | | | |
| T458 | ● | 35-94 Z06 K75° APKT 16 | 75° | 150° | 35 | 94 | 6 | 27 | 60 | 50 | 8,5 | 1,256 | | | |

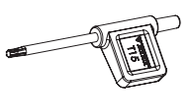
*KRLY ucuna uygundur. / Compatible with KRLY insert. / Kompatible für KRLY WP*

## F 75° APKT 1604 -APXT 1003




| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | APKT 1604 APXT 1003 |
|---|---|---|
| L | s |  |
| 16,4 | 4,76 | |
| 10 | 3,52 | |

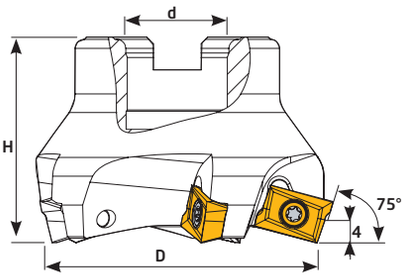
| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | d | Z | H | kg |  |  |  |
| T308 | ● | D063 d22 Z04 APKT 16 | 63 | 22 | 4 | 45 | 0,510 | APKT 1604 KRLYT | TC074 M4x10 | T15 |
| T310 | ● | D080 d27 Z05 APKT 16 | 80 | 27 | 5 | 52 | 1,120 | | | |
| T312 | ● | D100 d32 Z06 APKT 16 | 100 | 32 | 6 | 52 | 1,587 | | | |
| T313 | ● | D125 d40 Z07 APKT 16 | 125 | 40 | 7 | 62 | 3,047 | | | |
| T452 | ● | D063 d22 Z06 APXT 10 | 63 | 22 | 6 | 45 | 0,630 | APXT 1003 KRLY | TC063 M2,5x7 | T8 |

*KRLY ucuna uygundur. / Compatible with KRLY insert. / Kompatible für KRLY WP*

● *Stokta/ In Stock / Lager* ○ *Sınırlı Stok / Limited Stock / Begrenzte Lagerhaltung*

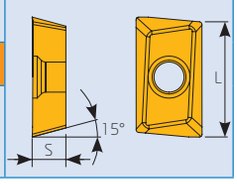
## F 75° ADKT 1505






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | |
|---|---|
| L | S |
| 15,7 | 5,63 |

ADKT 1505

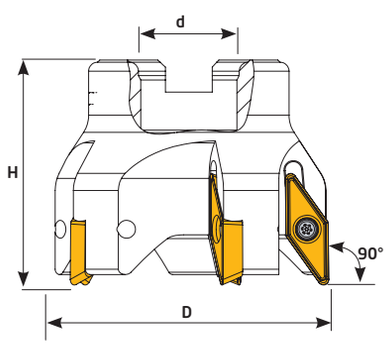



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | Kullanılan Uç *Insert /WSP* | Sıkma Civatası *Clamp Scr /Torx-Schraube* | Anahtar *Torx Key / Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | d | Z | H | kg | | | |
| T530 | ● | D063 d22 Z05 ADKT 15 | 63 | 22 | 5 | 45 | 0,580 | ADKT 1505 ISCR | TC074 M4x10 | T15 |
| T532 | ● | D080 d27 Z06 ADKT 15 | 80 | 27 | 6 | 50 | 1,090 | | | |

*ISCR ucuna uygundur. / Compatible with ISCR insert. / Kompatible für ISCR WP*

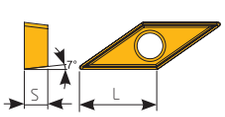
## 90° VCGT 1604






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | |
|---|---|
| L | S |
| 16,6 | 4,76 |

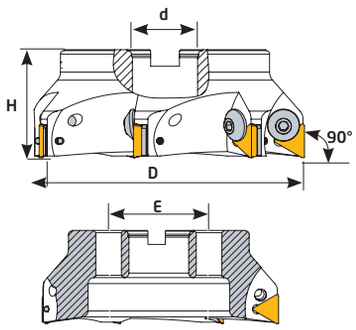
VCGT 1604




| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | d | Z | H | kg | | | |
| T498 | ● | D040 d16 Z03 VCGT 16 | 40 | 16 | 3 | 52 | 0,277 | VCGT 1604 ISO | TC074 M4x10 | T15 |
| T500 | ● | D050 d22 Z04 VCGT 16 | 50 | 22 | 4 | 52 | 0,362 | | | |
| T502 | ● | D063 d22 Z05 VCGT 16 | 63 | 22 | 5 | 52 | 0,538 | | | |
| T504 | ● | D080 d27 Z06 VCGT 16 | 80 | 27 | 6 | 52 | 0,848 | | | |

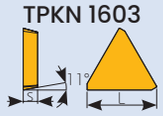
## 90° TPKN 1603-2204



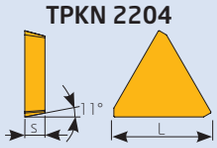



| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | |
|---|---|
| L | S |
| 12,7 | 3,18 |
| 22 | 4,76 |

TPKN 1603




TPKN 2204

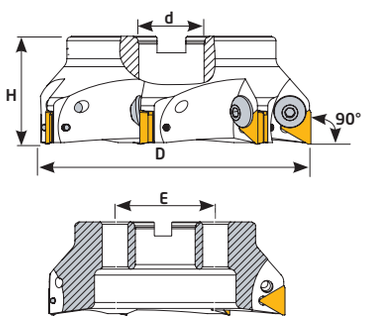



Altlıklı – *With Shim - Mit U-Platte*

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* ØD | ød | Z | H | E | kg | Kullanılan Uç *Insert WSP* | Baskı Civatası *Locking Screw Verriegelungs-Schraube* | Altlık *Shim U-Platte* | Altlık Civatası *Shim Screw In-buss-Schraube* | Anahtar *Allen Key Inbuss-Schlüs-sel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T100 | ● | D080 d32 Z05 TPKN 16 A | 80 | 32 | 5 | 52 | -- | 0,961 | TPKN 1603 ISO | TC052 M6x17 | TA010 | TC034 M3 | 4 Allen |
| T102 | ● | D100 d32 Z06 TPKN 16 A | 100 | 32 | 6 | 52 | -- | 1,518 | | | | | |
| T104 | ● | D080 d32 Z04 TPKN 22 A | 80 | 32 | 4 | 52 | -- | 0,810 | TPKN 2204 ISO | TC054 M8x24 | TA012 | TC038 M4x10 | 5 Allen |
| T106 | ● | D100 d32 Z05 TPKN 22 A | 100 | 32 | 5 | 52 | -- | 1,444 | | | | | |
| T108 | ● | D125 d40 Z06 TPKN 22 A | 125 | 40 | 6 | 62 | -- | 3,164 | | | | | |
| T110 | ● | D160 d40 Z07 TPKN 22 A | 160 | 40 | 7 | 62 | 66,7 | 4,220 | | | | | |
| T112 | ● | D200 d60 Z08 TPKN 22A | 200 | 60 | 8 | 62 | 101,6 | 5,412 | | | | | |
| T113 | ● | D250 d60 Z09 TPKN 22 A | 250 | 60 | 9 | 62 | 101,6 | 8,166 | | | | | |

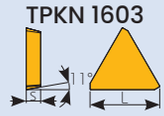
## 90° TPKN 1603-2204



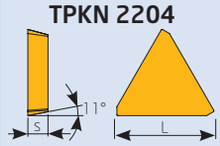



| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | |
|---|---|
| L | S |
| 12,7 | 3,18 |
| 22 | 4,76 |

TPKN 1603



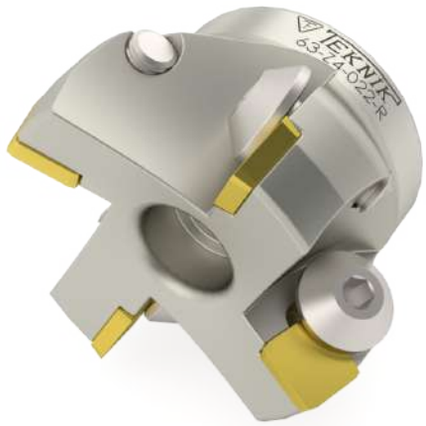

TPKN 2204

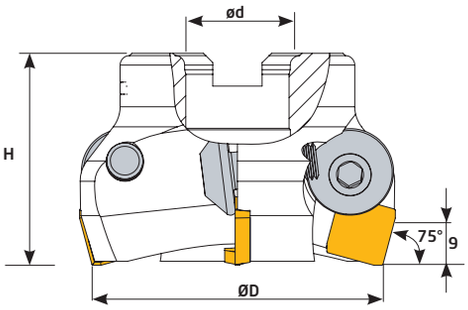


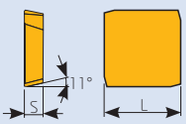

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* ØD | ød | Z | H | E | kg | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Inbuss-Schraube* | Anahtar *Allen Key Inbuss-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| T114 | ● | D042 d16 Z03 TPKN 16 | 42 | 16 | 3 | 44 | -- | 0,280 | TPKN 1603 ISO | TC052 M6x17 | 4 Allen |
| T116 | ● | D050 d22 Z03 TPKN 16 | 50 | 22 | 3 | 44 | -- | 0,340 | | | |
| T118 | ● | D063 d22 Z03 TPKN 16 | 63 | 22 | 3 | 44 | -- | 0,463 | | | |
| T120 | ● | D063 d22 Z04 TPKN 16 | 63 | 22 | 4 | 44 | -- | 0,481 | | | |
| T122 | ● | D080 d32 Z05 TPKN 16 | 80 | 32 | 5 | 52 | -- | 0,954 | | | |
| T124 | ● | D100 d32 Z06 TPKN 16 | 100 | 32 | 6 | 52 | -- | 1,542 | | | |
| T126 | ● | D063 d22 Z03 TPKN 22 | 63 | 22 | 3 | 50 | -- | 0,532 | TPKN 2204 ISO | TC054 M8x24 | 5 Allen |
| T128 | ● | D080 d32 Z04 TPKN 22 | 80 | 32 | 4 | 52 | -- | 0,795 | | | |
| T130 | ● | D100 d32 Z05 TPKN 22 | 100 | 32 | 5 | 52 | -- | 1,398 | | | |
| T132 | ● | D125 d40 Z06 TPKN 22 | 125 | 40 | 6 | 62 | -- | 3,153 | | | |
| T134 | ● | D160 d40 Z07 TPKN 22 | 160 | 40 | 7 | 62 | 66,7 | 4,150 | | | |
| T136 | ● | D200 d60 Z08 TPKN 22 | 200 | 60 | 8 | 62 | 101,6 | 5,458 | | | |
| T138 | ● | D250 d60 Z09 TPKN 22 | 250 | 60 | 9 | 62 | 101,6 | 8,235 | | | |

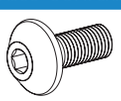
● *Stokta/ In Stock / Lager* ○ *Sınırlı Stok / Limited Stock / Begrenzte Lagerhaltung*

## 75° SPKN 1203



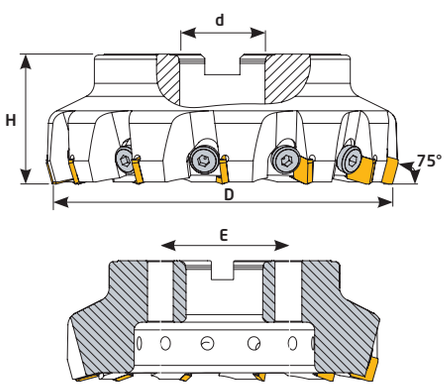


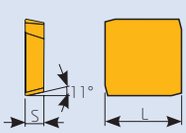

| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | SPKN 1203 |
|---|---|---|
| L | S |  |
| 12,7 | 3,18 | |

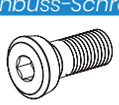
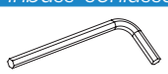
| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Inbuss-Schraube* | Anahtar *Allen Key Inbuss-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | ØD | ød | Z | H | kg |  |  |  |
| T148 | ● | D050 d22 Z03 SPKN 12 | 50 | 22 | 3 | 45 | 0,385 | SPKN 1203 ISO | TC054 M8x24 | 5 Allen |
| T150 | ● | D063 d22 Z04 SPKN 12 | 63 | 22 | 4 | 45 | 0,600 | | | |

## 75° SPKN 1203






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | SPKN 1203 |
|---|---|---|
| L | S |  |
| 12,7 | 3,18 | |

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Inbuss-Schraube* | Anahtar *Allen Key Inbuss-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | ØD | ød | Z | H | E | kg |  |  |  |
| T152 | ● | D080 d27 Z06 SPKN 12 | 80 | 27 | 6 | 55 | --- | 1,260 | SPKN 1203 ISO | TC056 Sol M8x24-L | 5 Allen |
| T154 | ● | D100 d32 Z08 SPKN 12 | 100 | 32 | 8 | 55 | --- | 1,698 | | | |
| T156 | ● | D125 d40 Z10 SPKN 12 | 125 | 40 | 10 | 62 | --- | 3,400 | | | |
| T158 | ● | D160 d40 Z12 SPKN 12 | 160 | 40 | 12 | 62 | 66,7 | 5,012 | | | |
| T160 | ● | D200 d60 Z12 SPKN 12 | 200 | 60 | 12 | 62 | 101,6 | 6,542 | | | |
| T162 | ● | D300 d60 Z20 SPKN 12 | 300 | 60 | 20 | 65 | 101,6 | 15,11 | | | |

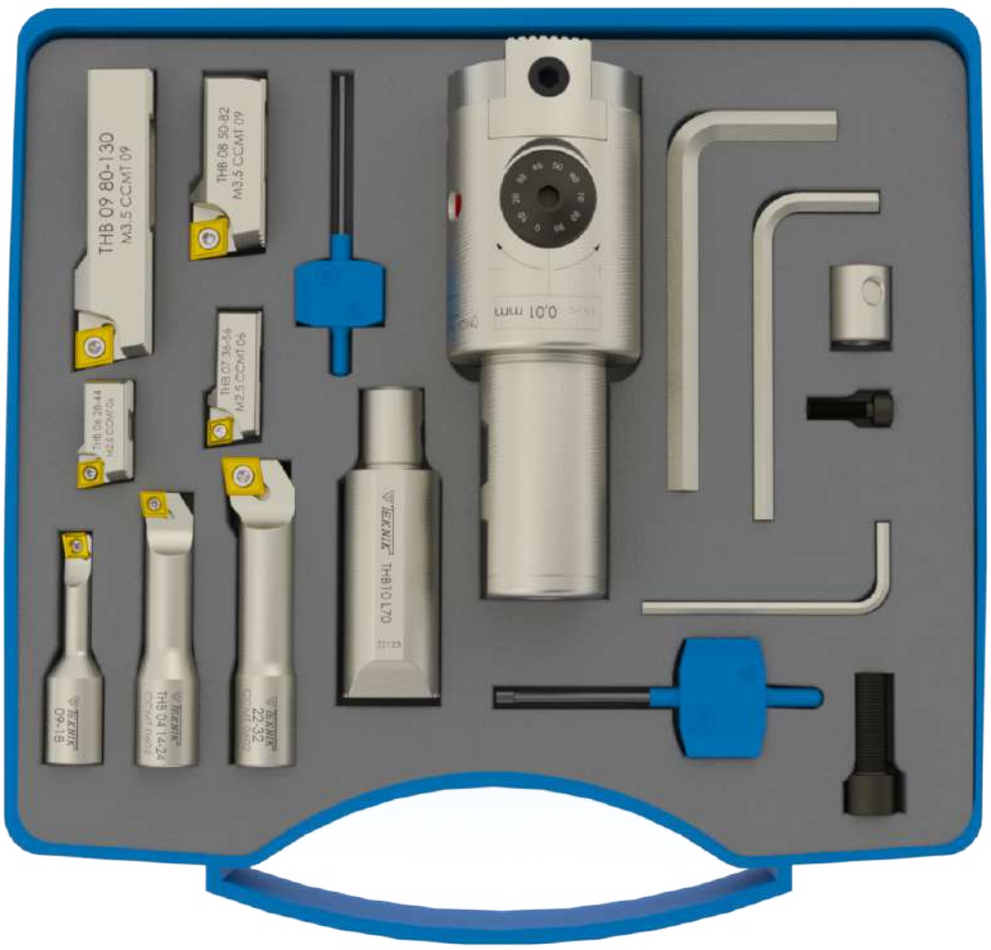
TEKNİK
Cutting Tools

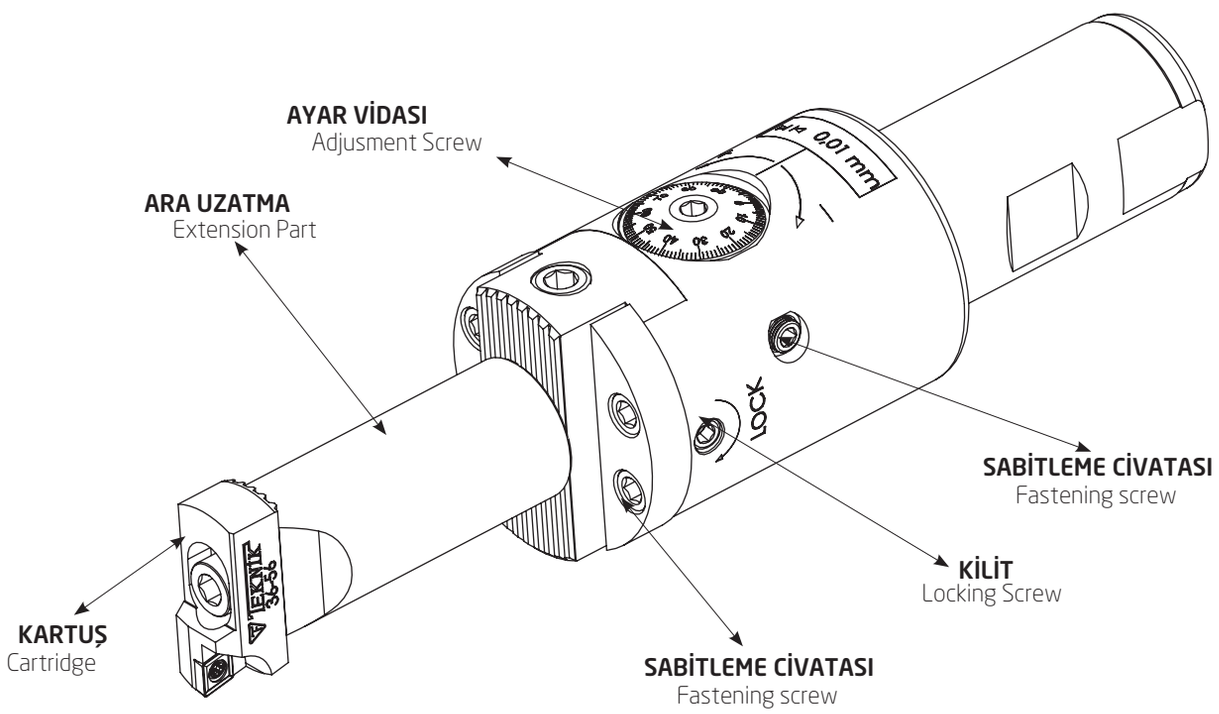
# Baralar
# Boring Tools
# Ausbohrwerkzeug




## Technical Solution for Quality

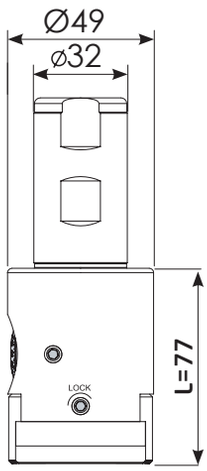
● 9-130 mm Finiş Delik İşleme Baraları ● 9-130 mm Boring Tools Finish Set
● 9-130 mm Ausdrehwerkzeug- Satz für die Vor und Fertigbearbeitung



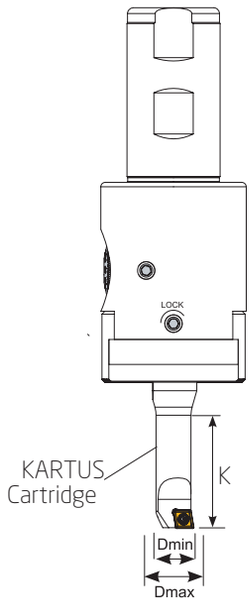



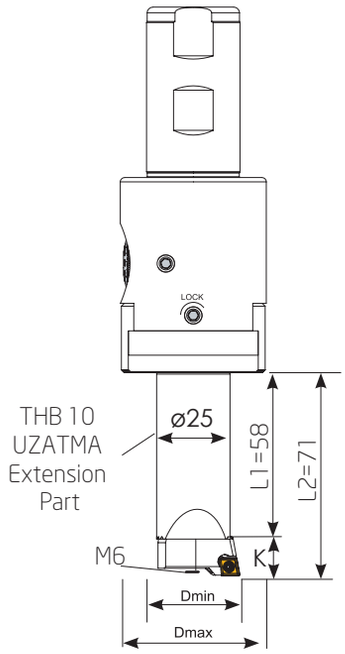
● 9-130 mm Finiş Delik İşleme Baraları ● 9-130 mm Boring Tools Finish Set
● 9-130 mm Ausdrehwerkzeug- Satz für die Vor und Fertigbearbeitung

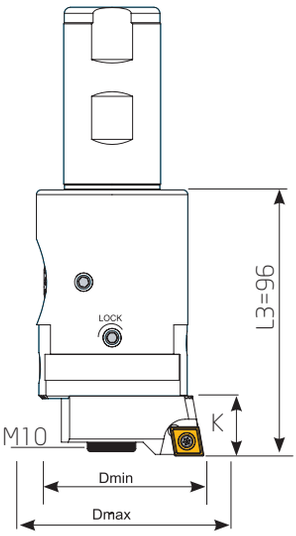
# THB 01 SET 9-130 mm Arası



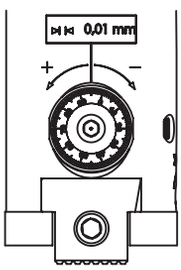

**THB 02**
**GÖVDE**
**BODY**

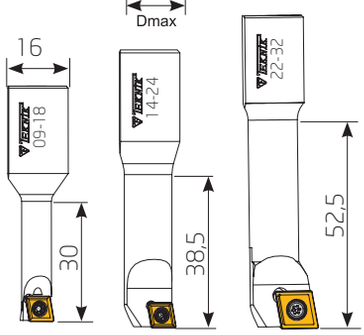



**HASSASİYET**
**Fine / Fein**

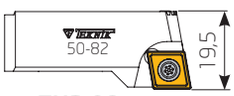



**THB 03** 9-18-mm
**THB 04** 14-24-mm
**THB 05** 22-32-mm




**THB 06**
28-44-mm



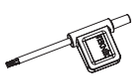

**THB 08**
50-82-mm




**THB 07**
36-56-mm

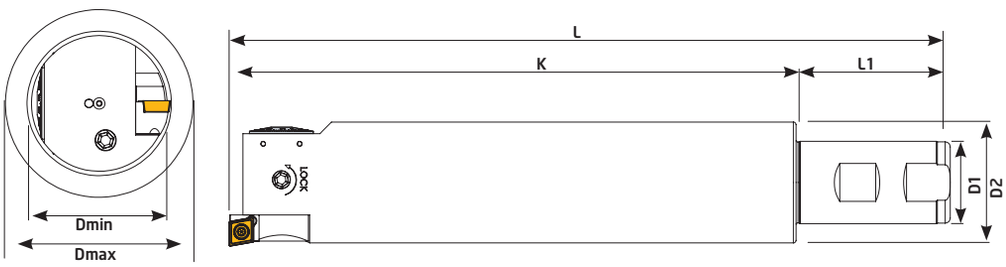



**THB 09**
80-130-mm

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | K | L1 | L2 | L3 | Dmin - Dmax | (kg) |  |  |  |
| THB01 | ● | HASSAS BARA SETİ / SET | ... | ... | ... | ... | 9-130 | 3,100 | ... | ... | ... |
| THB02 | ● | GÖVDE / BODY | ... | ... | ... | ... | ... | - | ... | ... | ... |
| THB03 | ● | 09-18 Kartuş/Cartridge | 32,5 | ... | ... | ... | 9-18 | - | CCMT 0602 | TC059-1 M2,5x4,7 | T8 |
| THB04 | ● | 14-24 Kartuş/Cartridge | 39,6 | ... | ... | ... | 14-24 | - | | | |
| THB05 | ● | 22-32 Kartuş /Cartridge | 52,5 | ... | ... | ... | 22-32 | - | CCMT 09T3 | TC067 M3,5x8,5 | T15 |
| THB06 | ● | 28-44 Kartuş/Cartridge | 13,7 | ... | 71 | ... | 28-44 | - | CCMT 0602 | TC060 M2,5x5,5 | T8 |
| THB07 | ● | 36-56 Kartuş /Cartridge | 13,7 | ... | 71 | ... | 36-56 | - | | | |
| THB08 | ● | 50-82 Kartuş/Cartridge | 19,5 | ... | ... | 95,5 | 50-82 | - | CCMT 09T3 | TC067 M3,5x9 | T15 |
| THB09 | ● | 80-130 Kartuş/Cartridge | 19,5 | ... | ... | 95,5 | 80-130 | - | | | |
| THB10 | ● | ARA UZATMA/Extension Part | ... | 58 | ... | ... | ... | - | ... | ... | ... |

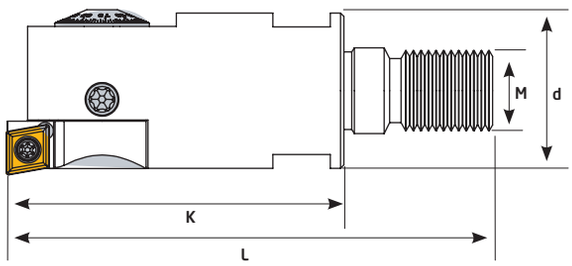
● *Stokta/ In Stock / Lager* ○ *Sınırlı Stok / Limited Stock / Begrenzte Lagerhaltung*

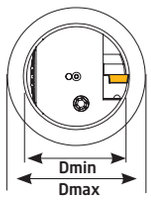


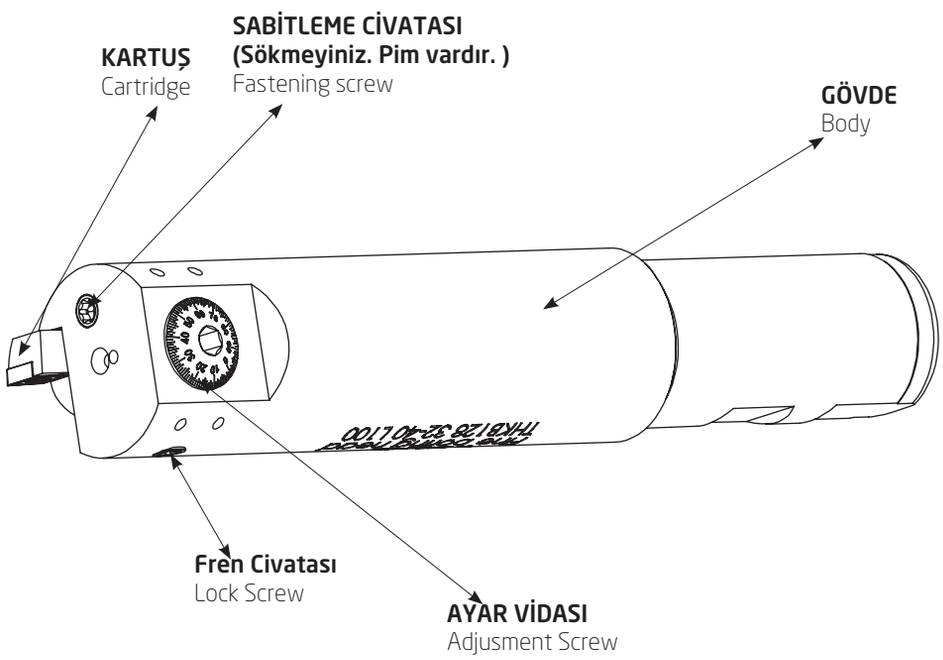

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | | Kullanılan Uç *Insert WSP* | Hassasiyet *Fine Fein* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dmin | Dmax | K | D1 | L1 | D2 | L | kg |  | (mm) |
| THKB120 | ● | 25-32 K050 CCMT 06 | 25 | 32 | 50 | 25 | 56 | 23 | 106 | 0,402 | CCMT 0602 | 0,02 |
| THKB122 | ● | 25-32 K100 CCMT 06 | 25 | 32 | 100 | 25 | 56 | 23 | 156 | 0,570 | | |
| THKB126 | ● | 32-40 K060 CCMT 06 | 32 | 40 | 60 | 25 | 56 | 29 | 116 | 0,510 | | 0,01 |
| THKB128 | ● | 32-40 K104 CCMT 06 | 32 | 40 | 104 | 25 | 56 | 29 | 160 | 0,760 | | |
| THKB132 | ● | 40-50 K069 CCMT 06 | 40 | 50 | 69 | 25 | 56 | 36 | 125 | 0,722 | | |
| THKB134 | ● | 40-50 K109 CCMT 06 | 40 | 50 | 109 | 25 | 56 | 36 | 165 | 1,085 | | |
| THKB136 | ● | 40-50 K189 CCMT 06 | 40 | 50 | 189 | 25 | 56 | 36 | 245 | 1,723 | | |
| THKB138 | ● | 50-65 K065 CCMT 09 | 50 | 65 | 65 | 32 | 60 | 47 | 125 | 1,231 | CCMT 09T3 | 0,01 |
| THKB140 | ● | 50-65 K130 CCMT 09 | 50 | 65 | 130 | 32 | 60 | 47 | 190 | 2,135 | | |
| THKB142 | ● | 50-65 K220 CCMT 09 | 50 | 65 | 220 | 32 | 60 | 47 | 280 | 3,383 | | |
| THKB144 | ● | 65-80 K085 CCMT 09 | 65 | 80 | 85 | 32 | 60 | 60 | 145 | 1,900 | | |
| THKB146 | ● | 65-80 K130 CCMT 09 | 65 | 80 | 130 | 32 | 60 | 60 | 190 | 2,547 | | |
| THKB148 | ● | 65-80 K220 CCMT 09 | 65 | 80 | 220 | 32 | 60 | 60 | 280 | 3,895 | | |

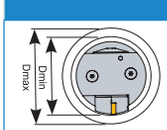
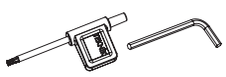





| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Kullanılan Uç *Insert WSP* | HASSASİYET *Fine Fein* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dmin | Dmax | M | K | L | d | kg | | (mm) |
| THKB102 | ● | 25-32 K050 M12 CCMT 06 | 25 | 32 | M12 | 50 | 72 | 23 | 0,194 | CCMT 0602 | 0,02 |
| THKB104 | ● | 32-40 K050 M16 CCMT 06 | 32 | 40 | M16 | 50 | 74,3 | 29 | 0,287 | | 0,01 |

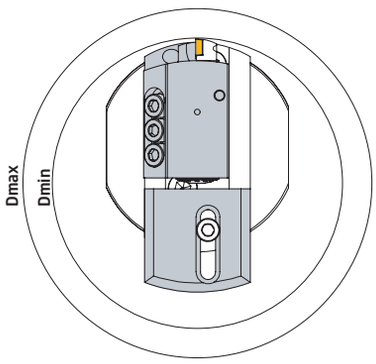


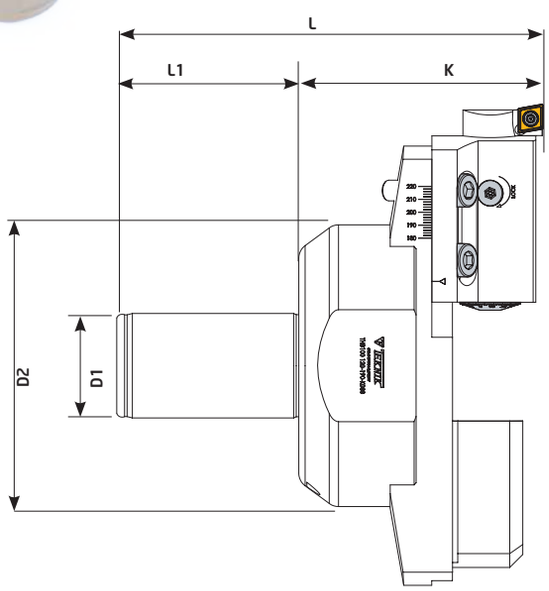

| Dmin-Dmax | Kartuşlar Cartridges Kartusche | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Sabitleme Civatası *Locking Screw Verriegelungs Schraube* | Ayar Civatası *Adjustment Screw Ein-stellschraube* | Anahtar *Torx Key Torx-Schlüssel* | |
|---|---|---|---|---|---|---|---|
|  |  |  |  |  |  |  | |
| 25-32 | KR150 | CCMT 0602 | TC060 M2,5x5,5 | SK47-M6x6 | PC14-M5x17 | T8 | 2,5 Allen |
| 32-40 | KR151 | CCMT 0602 | TC060 M2,5x5,5 | SK47-M6x6 | PC16-M5x19 | T8 | 2,5 Allen |
| 40-50 | KR152 | CCMT 0602 | TC060 M2,5x5,5 | SK47-M6x6 | PC18-M5x23 | T8 | -- |
| 50-65 | KR153 | CCMT 09T3 | TC067 M3,5x9 | SK48-M8x8 | PC22-M8x37 | T15 | -- |
| 65-80 | KR154 | CCMT 09T3 | TC067 M3,5x9 | SK48-M8x8 | PC22-M8x37 | T15 | -- |

● *Stokta/ In Stock/ Lager* ○ *Sınırlı Stok/ Limited Stock/ Begrenzte Lagerhaltung*

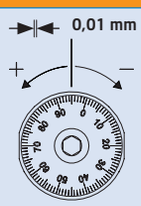
## ● 120-300 mm Finiş Bara ● 120-300 mm Boring Tools Finish
## ● 120-300 mm Ausdrehwerkzeug für die Fertigbearbeitung



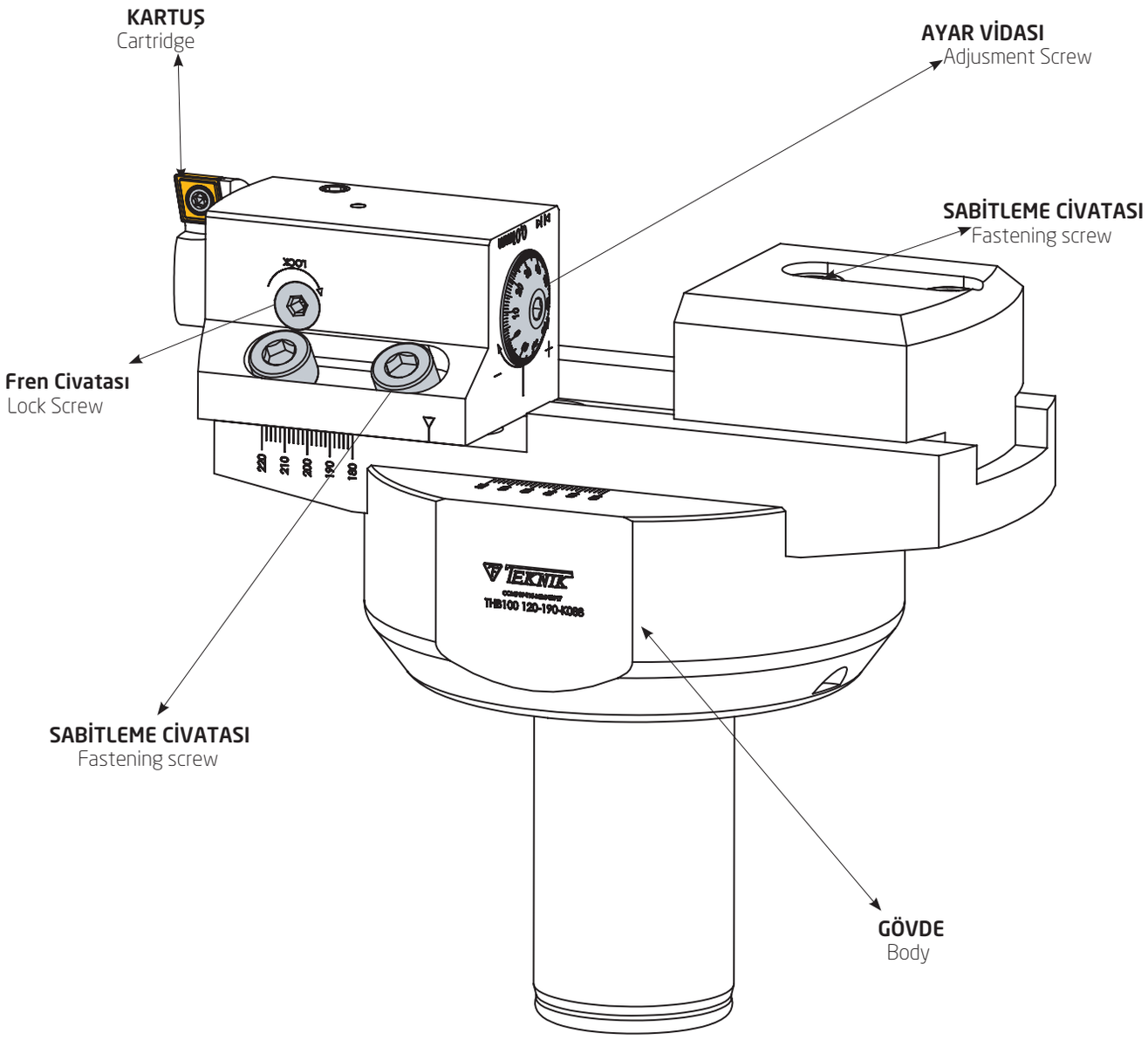



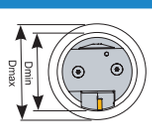
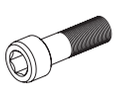
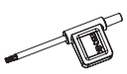




**HASSASİYET**
**Fine / Fein**




| Sipariş Kodu *Order Code* *Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code* *Produkt-Code* | Ölçüler (mm) *Dimensions(mm)* *Abmessungen (mm)* | | | | | | | | Kullanılan Uç *Insert* *WSP* | HASSASİYET *Fine* *Fein* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dmin | Dmax | K | D1 | L1 | D2 | L | (kg) | | (mm) |
| THB100 | ● | 120-190 K093 CCMT 09 | 120 | 190 | 93,7 | 40 | 70 | 109 | 163,7 | 5,060 | CCMT 09T3 | 0,01 |
| THB101 | ● | 180-240 K093 CCMT 09 | 180 | 240 | 93,7 | 40 | 70 | 109 | 163,7 | 5,967 | | |
| THB102 | ● | 240-300 K093 CCMT 09 | 240 | 300 | 93,7 | 40 | 70 | 109 | 163 ,7 | 7,000 | | |

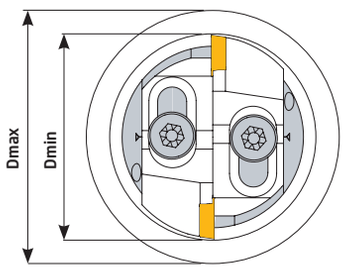


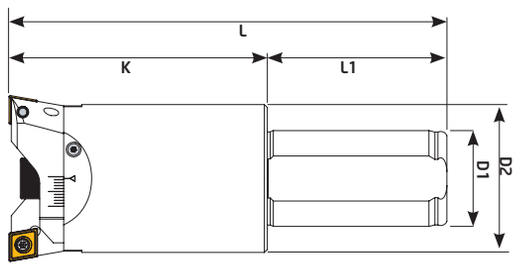

| Dmin-Dmax | Mikro Bara Kartuş Micro Boring Cartridge | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Sabitleme Civatası *Locking Screw Verriegelungs Schraube* | | Anahtar *Torx Key Torx Schlüssel* |
|---|---|---|---|---|---|---|
|  |  |  |  |  |  |  |
| 120-190 | KR127 | CCMT 09T3 | TC067 M3,5x9 | TC109-M8x25 | SK45-M10x7,5 | T15 |
| 180-240 | KR127 | | TC067 M3,5x9 | TC109-M8x25 | SK45-M10x7,5 | T15 |
| 240-300 | KR127 | | TC067 M3,5x9 | TC109-M8x25 | SK45-M10x7,5 | T15 |

● *Stokta/ In Stock / Lager* ○ *Sınırlı Stok / Limited Stock / Begrenzte Lagerhaltung*

## ● 16-130 mm Kaba Bara ● 16-130 mm Boring Tools ● 16-130 mm Ausbohrwerkzeug

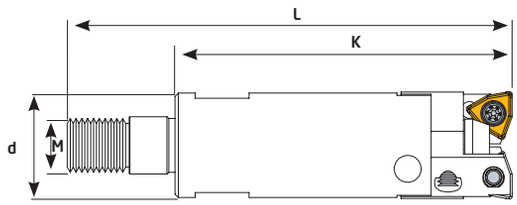


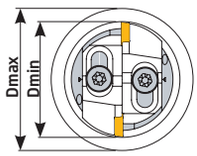



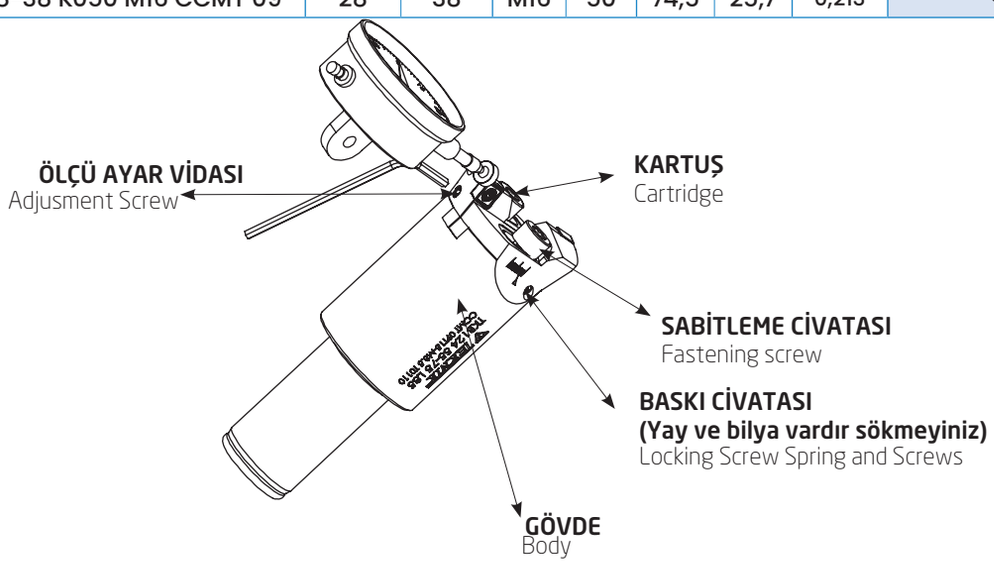

| Sipariş Kodu *Order Code* *Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code* *Produkt-Code* | Ölçüler (mm) *Dimensions(mm)* *Abmessungen (mm)* | | | | | | | | Kullanılan Uç *Insert* *WSP* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dmin | Dmax | K | D1 | L1 | D2 | L | (kg) | |
| TKB088 | ● | 16-20 K052 WCMX 03 | 16 | 20 | 52 | 16 | 48 | 15,7 | 100 | 0,176 | WCMX 0302 |
| TKB090 | ● | 16-20 K102 WCMX 03 | 16 | 20 | 102 | 16 | 48 | 15,7 | 150 | 0,237 | |
| TKB092 | ● | 16-20 K152 WCMX 03 | 16 | 20 | 152 | 16 | 48 | 15,7 | 200 | 0,362 | |
| TKB094 | ● | 19-23 K052 CCMT 06 | 19 | 23 | 52 | 16 | 48 | 17,7 | 100 | 0,192 | CCMT 0602 |
| TKB096 | ● | 19-23 K102 CCMT 06 | 19 | 23 | 102 | 16 | 48 | 17,7 | 150 | 0,292 | |
| TKB098 | ● | 19-23 K152 CCMT 06 | 19 | 23 | 152 | 16 | 48 | 17,7 | 200 | 0,401 | |
| TKB100 | ● | 23-28 K050 CCMT 06 | 23 | 28 | 50 | 20 | 50 | 21,2 | 100 | 0,298 | |
| TKB102 | ● | 23-28 K100 CCMT 06 | 23 | 28 | 100 | 20 | 50 | 21,2 | 150 | 0,347 | |
| TKB104 | ● | 23-28 K185 CCMT 06 | 23 | 28 | 185 | 20 | 50 | 21,2 | 235 | 0,682 | |
| TKB106 | ● | 28-38 K055 CCMT 09 | 28 | 38 | 55 | 20 | 50 | 25,7 | 105 | 0,378 | CCMT 09T3 |
| TKB108 | ● | 28-38 K105 CCMT 09 | 28 | 38 | 105 | 20 | 50 | 25,7 | 155 | 0,376 | |
| TKB110 | ● | 28-38 K174 CCMT 09 | 28 | 38 | 174 | 25 | 56 | 25,7 | 230 | 0,267 | |
| TKB111 | ● | 28-38 K274 CCMT 09 | 28 | 38 | 274 | 25 | 56 | 25,7 | 330 | 1,342 | |
| TKB112 | ● | 37-48 K064 CCMT 09 | 37 | 48 | 64 | 25 | 56 | 32 | 120 | 0,661 | |
| TKB114 | ● | 37-48 K114 CCMT 09 | 37 | 48 | 114 | 25 | 56 | 33 | 170 | 0,991 | |
| TKB116 | ● | 37-48 K204 CCMT 09 | 37 | 48 | 204 | 25 | 56 | 33 | 260 | 1,597 | |
| TKB118 | ● | 45-56 K070 CCMT 09 | 45 | 56 | 70 | 32 | 60 | 39,5 | 130 | 1,035 | |
| TKB120 | ● | 45-56 K120 CCMT 09 | 45 | 56 | 120 | 32 | 60 | 40 | 180 | 1,528 | |
| TKB122 | ● | 45-56 K200 CCMT 09 | 45 | 56 | 200 | 32 | 60 | 40 | 260 | 2,385 | |
| TKB124 | ● | 55-75 K085 CCMT 09 | 55 | 75 | 85 | 32 | 60 | 50 | 145 | 1,638 | |
| TKB126 | ● | 55-75 K135 CCMT 09 | 55 | 75 | 135 | 32 | 60 | 50 | 195 | 2,422 | |
| TKB128 | ● | 55-75 K220 CCMT 09 | 55 | 75 | 220 | 32 | 60 | 50 | 280 | 3,745 | |
| TKB130 | ● | 70-90 K085 CCMT 09 | 70 | 90 | 85 | 32 | 60 | 64 | 145 | 2,100 | |
| TKB132 | ● | 70-90 K135 CCMT 09 | 70 | 90 | 135 | 32 | 60 | 64 | 195 | 2,942 | |
| TKB134 | ● | 70-90 K220 CCMT 09 | 70 | 90 | 220 | 40 | 70 | 64 | 290 | 4,915 | |
| TKB136 | ● | 90-130 K115 CCMT 09 | 90 | 130 | 115 | 32 | 60 | 74 | 175 | 3,130 | |
| TKB138 | ● | 90-130 K165 CCMT 09 | 90 | 130 | 165 | 32 | 60 | 74 | 225 | 4,138 | |

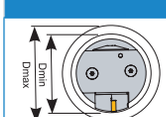
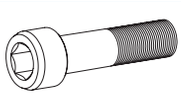
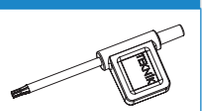





| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Kullanılan Uç *Insert WSP* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dmin | Dmax | M | K | L | d | kg | |
| TKB170 | ● | 16-20 K050 M08 WCMX 03 | 16 | 20 | M8 | 50 | 66 | 15,5 | 0,078 | WCMX 0302 |
| TKB172 | ● | 19-23 K050 M10 CCMT 06 | 19 | 23 | M10 | 50 | 70 | 17,5 | 0,095 | CCMT 0602 |
| TKB174 | ● | 23-28 K050 M12 CCMT 06 | 23 | 28 | M12 | 50 | 72 | 21,2 | 0,145 | |
| TKB176 | ● | 28-38 K050 M16 CCMT 09 | 28 | 38 | M16 | 50 | 74,5 | 25,7 | 0,213 | CCMT 09T3 |

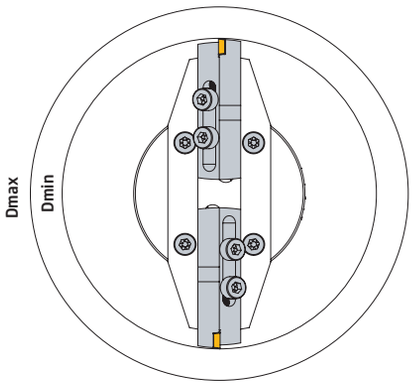


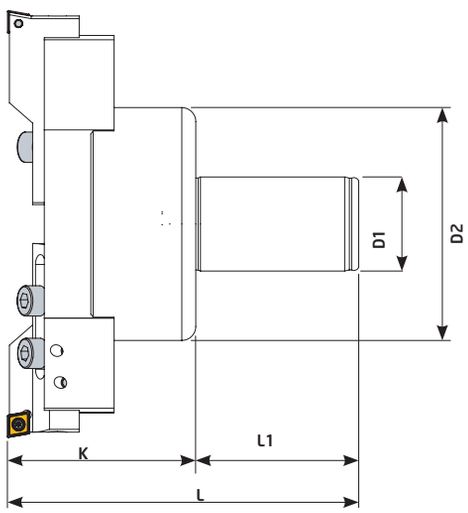

| Dmin-Dmax | Kartuşlar *Cartridges Kartusche* | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Sabitleme Civatası *Locking Screw Verriegelungs Schraube* | Ayar Civatası *Adjustment Screw Einstellschraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|
|  |  |  |  |  |  |  |
| 16-20 | KR096 | WCMX 0302 | TC060 M2,5x5,5 | TC102-M4x16 | SK29-M3x4 | T8 |
| 19-23 | KR098 | CCMT 0602 | TC060 M2,5x5,5 | TC102-M4x16 | SK30-M3x5 | T8 |
| 23-28 | KR100 | CCMT 0602 | TC060 M2,5x5,5 | TC104-M5x25 | SK30-M3x5 | T8 |
| 28-38 | KR102 | CCMT 09T3 | TC067 M3,5x9 | TC104-M5x25 | SK32-M4x7 | T15 |
| 37-48 | KR104 | CCMT 09T3 | TC067 M3,5x9 | TC106-M6x30 | SK34-M4x10 | T15 |
| 45-56 | KR106 | CCMT 09T3 | TC067 M3,5x9 | TC108-M8x25 | SK36-M4x12 | T15 |
| 55-75 | KR108 | CCMT 09T3 | TC067 M3,5x9 | TC108-M8x25 | SK38-M4x16 | T15 |
| 70-90 | KR110 | CCMT 09T3 | TC067 M3,5x9 | TC108-M8x25 | SK38-M4x16 | T15 |
| 90-130 | KR112 | CCMT 09T3 | TC067 M3,5x9 | TC108-M8x25 | SK40-M4x25 | T15 |
| 55-75 | KR115 | CCMT 1204 | TC083 M5x12 | TC108-M8x25 | SK38-M4x16 | T20 |
| 70-90 | KR116 | CCMT 1204 | TC083 M5x12 | TC108-M8x25 | SK38-M4x16 | T20 |
| 90-130 | KR117 | CCMT 1204 | TC083 M5x12 | TC108-M8x25 | SK40-M4x25 | T20 |

● *Stokta/ In Stock / Lager* ○ *Sınırlı Stok / Limited Stock / Begrenzte Lagerhaltung*

## ● 120-350 mm Kaba Bara ● 120-350 mm Boring Tools ● 120-350 mm Ausbohrwerkzeug

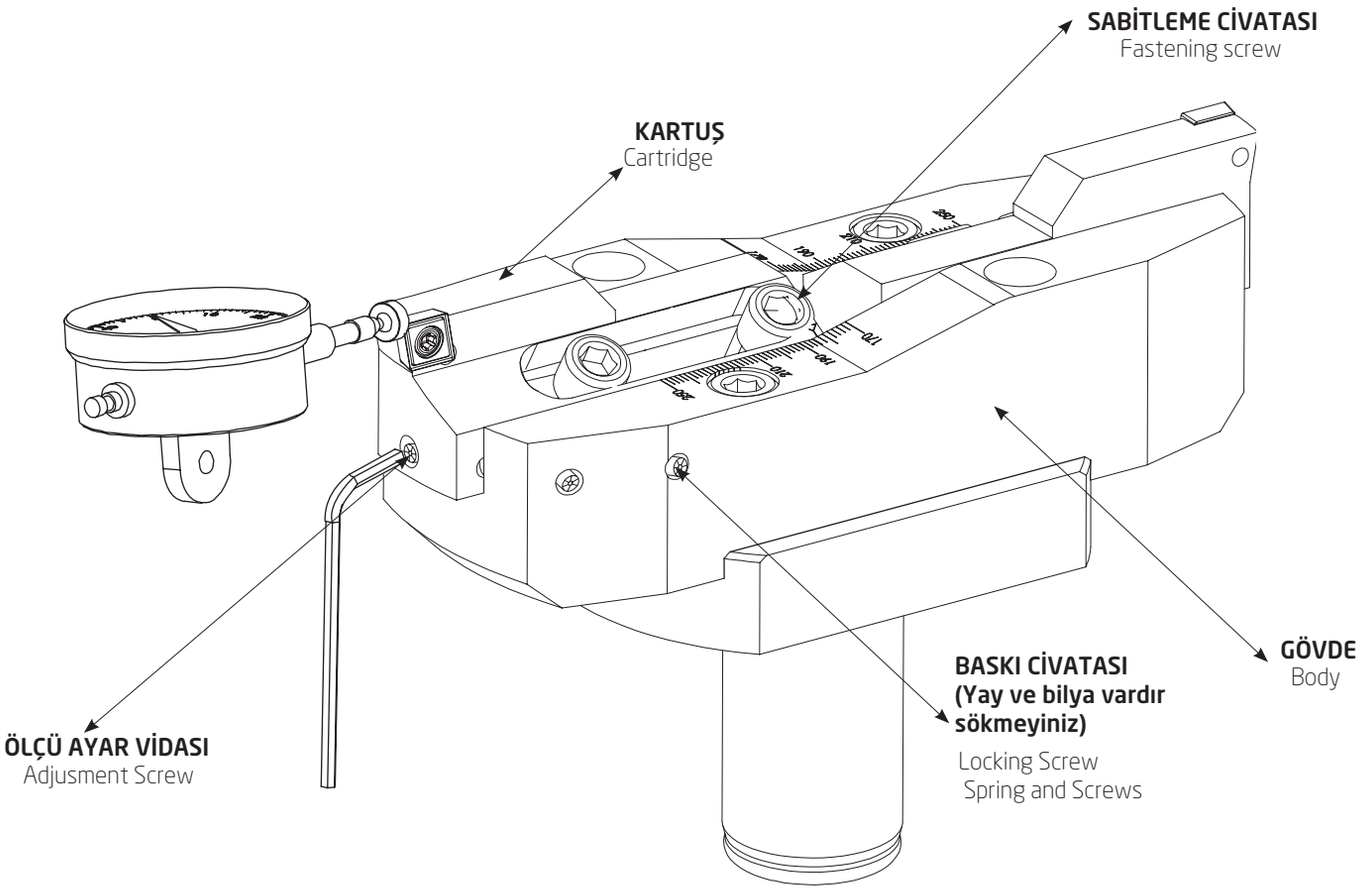


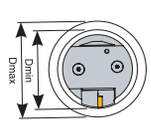
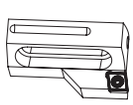
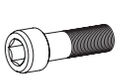
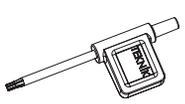




| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | | Kullanılan Uç *Insert WSP* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dmin | Dmax | K | D1 | L1 | D2 | L | (kg) | |
| TKB148 | ● | 120-170 K069 CCMT 12 | 120 | 170 | 69 | 40 | 70 | 115.5 | 139 | 3,281 | CCMT 1204 |
| TKB150 | ● | 170-250 K084 CCMT 12 | 170 | 250 | 84 | 40 | 70 | 99,5 | 154 | 5,011 | |
| TKB152 | ● | 240-350 K084 CCMT 12 | 240 | 350 | 84 | 40 | 70 | 149,5 | 154 | 8,294 | |

## ● 120-350 mm Kaba Bara ● 120-350 mm Boring Tools
## ● 120-350 mm Ausbohrwerkzeug




| Dmin-Dmax | Kartuşlar Cartridges Kartusche | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Sabitleme Civatası *Locking Screw Verriegelungs Schraube* | Ayar Civatası *Adjustment Screw Einstellschraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|
|  |  |  |  |  |  |  |
| 120-170 | KR119 | CCMT 1204 | TC083 M5x12 | TC109-M8x25 | SK42-M6x20 | T20 |
| 170-250 | KR120 | | TC083 M5x12 | TC109-M8x25 | SK43-M6x30 | T20 |
| 240-350 | KR124 | | TC083 M5x12 | TC109-M8x25 | SK44-M6x40 | T20 |

● *Stokta/ In Stock/ Lager* ○ *Sınırlı Stok/ Limited Stock/ Begrenzte Lagerhaltung*

# BORING CUTTING

## T O O L S

120mm-300mm




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Helis ve Disk Frezeler

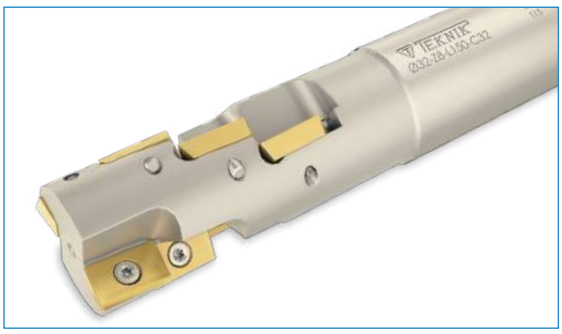
# Shoulder Milling & Disc Milling

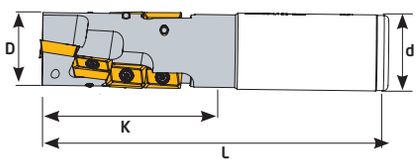
Igelfräser & Scheibenfräsen




**Technical Solution for Quality**

## APKT 1604



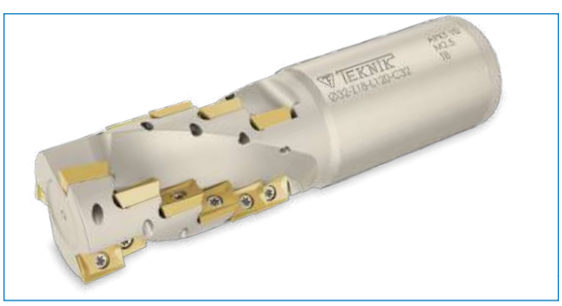


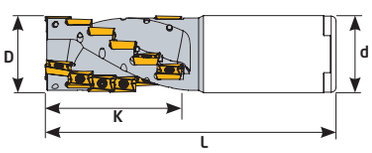

| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | APKT 1604 |
|---|---|---|
| L | s | |
| 16,4 | 4,76 | |

| Sipariş Kodu Order Code Best.-Nr. | Stok/Stock/Lager | Ürün Kodu Product Code Produkt-Code | Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | | | | | Uç Insert WSP | Sıkma Civatası Clamp Screw Torx-Schraube | Anahtar Torx Key Torx-Schlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | Z | K | d | L | kg | | | |
| HF20 | ● | D32 Z06 K43 APKT 16 | 32 | 6 | 43 | 32 | 125 | 0,658 | APKT 1604 KRLY | TC074 M4x10 | T15 |
| HF22 | ● | D40 Z09 K43 APKT 16 | 40 | 9 | 43 | 32 | 125 | 0,821 | | | |
| HF24 | ● | D32 Z08 K58 APKT 16 | 32 | 8 | 58 | 32 | 150 | 0,771 | | | |
| HF26 | ● | D40 Z12 K58 APKT 16 | 40 | 12 | 58 | 32 | 150 | 0,950 | | | |
| HF30 | ● | D32 Z08 K58 APKT 16 | 32 | 8 | 58 | 32 | 200 | 1,120 | | | |
| HF32 | ● | D40 Z12 K58 APKT 16 | 40 | 12 | 58 | 32 | 200 | 1,280 | | | |

*KRLY ucuna uygundur. / Compatible with KRLY insert. / Kompatible für KRLY WP*

## APXT 1003





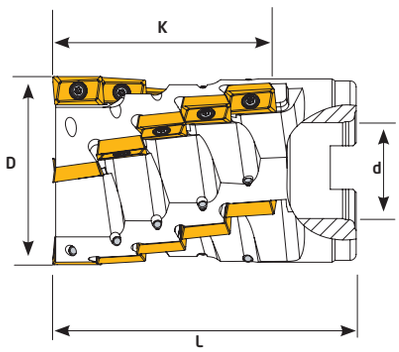

| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | APXT 1003 |
|---|---|---|
| L | s | |
| 10,5 | 3,52 | |

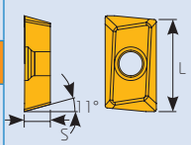
| Sipariş Kodu Order Code Best.-Nr. | Stok/Stock/Lager | Ürün Kodu Product Code Produkt-Code | Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | | | | | Uç Insert WSP | Sıkma Civatası Clamp Screw Torx-Schraube | Anahtar Torx Key Torx-Schlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | Z | K | d | L | kg | | | |
| HF06 | ● | D20 Z06 K28 APXT 10 | 20 | 6 | 28 | 20 | 120 | 0,265 | APXT 1003 KRLY | TC060 M2,5x5,5 | T8 |
| HF07 | ● | D25 Z08 K37 APXT 10 | 25 | 8 | 37 | 25 | 120 | 0,404 | | | |
| HF08 | ● | D32 Z15 K46 APXT 10 | 32 | 15 | 46 | 32 | 120 | 0,627 | | | |
| HF09 | ● | D40 Z18 K55 APXT 10 | 40 | 18 | 55 | 32 | 125 | 0,873 | | | |
| HF10 | ● | D20 Z06 K28 APXT 10 | 20 | 6 | 28 | 20 | 150 | 0,326 | | | |
| HF11 | ● | D25 Z08 K37 APXT 10 | 25 | 8 | 37 | 25 | 150 | 0,515 | | | |
| HF12 | ● | D32 Z15 K46 APXT 10 | 32 | 15 | 46 | 32 | 150 | 1,120 | | | |
| HF13 | ● | D40 Z18 K55 APXT 10 | 40 | 18 | 55 | 32 | 150 | 1,100 | | | |
| HF15 | ● | D20 Z06 K28 APKT 10 | 20 | 6 | 28 | 20 | 200 | 0,481 | | | |
| HF16 | ● | D25 Z08 K37 APXT 10 | 25 | 8 | 37 | 25 | 200 | 0,727 | | | |
| HF17 | ● | D32 Z15 K46 APXT 10 | 32 | 15 | 46 | 32 | 200 | 1,144 | | | |
| HF18 | ● | D40 Z18 K55 APXT 10 | 40 | 18 | 55 | 32 | 200 | 1,621 | | | |

*KRLY ucuna uygundur. / Compatible with KRLY insert. / Kompatible für KRLY WP*

## APKT 1604






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | APKT 1604 |
|---|---|---|
| L | s |  |
| 16,4 | 4,76 | |

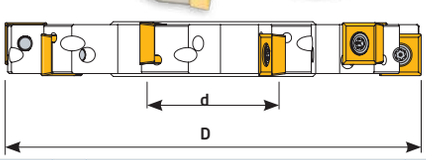


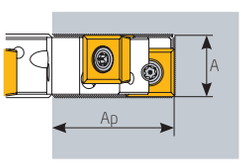
| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | Z | K | d | L | kg | | | |
| HF52 | ● | D063 Z20 K75 APKT 16 | 63 | 20 | 75 | 32 | 100 | 1,455 | APKT 1604 KRLY | TC074 M4x10 | T15 |
| HF53 | ● | D080 Z25 K75 APKT 16 | 80 | 25 | 75 | 32 | 100 | 2,645 | | | |
| HF54 | ○ | D100 Z30 K75 APKT 16 | 100 | 30 | 75 | 40 | 100 | 4,329 | | | |

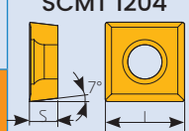
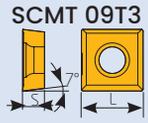
*KRLY ucuna uygundur. / Compatible with KRLY insert. / Kompatible für KRLY WP*

## SCMT 09T3-1204




| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | SCMT 1204 | SCMT 09T3 |
|---|---|---|---|
| L | s |  |  |
| 12,7 | 4,97 | | |
| 9,52 | 3,97 | | |

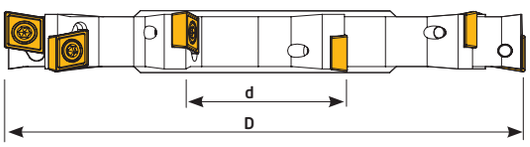


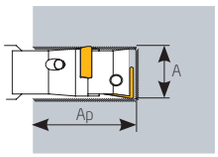
| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | A | Z | d | Ap | kg | | | |
| DF086 | ● | D080 A10 Z08 SCMT 09 | 80 | 10 | 8 | 27 | 17 | 0,229 | SCMT 09T3 ISO | TC074 M4x10 | T15 |
| DF092 | ● | D100 A10 Z08 SCMT 09 | 100 | 10 | 8 | 32 | 24 | 0,408 | | | |
| DF100 | ● | D125 A10 Z10 SCMT 09 | 125 | 10 | 10 | 40 | 32 | 0,612 | | | |
| DF108 | ● | D160 A10 Z12 SCMT 09 | 160 | 10 | 12 | 40 | 50 | 1,280 | | | |
| DF116 | ● | D200 A10 Z14 SCMT 09 | 200 | 10 | 14 | 40 | 65 | 1,738 | | | |
| DF088 | ● | D080 A12 Z08 SCMT 09 | 80 | 12 | 8 | 27 | 17 | 0,445 | | | |
| DF094 | ● | D100 A12 Z08 SCMT 09 | 100 | 12 | 8 | 32 | 24 | 0,477 | | | |
| DF102 | ● | D125 A12 Z10 SCMT 09 | 125 | 12 | 10 | 40 | 32 | 0,748 | | | |
| DF110 | ● | D160 A12 Z12 SCMT 09 | 160 | 12 | 12 | 40 | 50 | 1,313 | | | |
| DF118 | ● | D200 A12 Z14 SCMT 09 | 200 | 12 | 14 | 40 | 65 | 2,140 | | | |
| DF090 | ● | D080 A16 Z08 SCMT 12 | 80 | 16 | 8 | 27 | 17 | 0,564 | SCMT 1204 ISO | TC083 M5x12 | T20 |
| DF096 | ● | D100 A16 Z08 SCMT 12 | 100 | 16 | 8 | 32 | 24 | 0,353 | | | |
| DF104 | ● | D125 A16 Z10 SCMT 12 | 125 | 16 | 10 | 40 | 32 | 0,927 | | | |
| DF112 | ● | D160 A16 Z12 SCMT 12 | 160 | 16 | 12 | 40 | 50 | 1,634 | | | |
| DF120 | ● | D200 A16 Z14 SCMT 12 | 200 | 16 | 14 | 40 | 65 | 2,769 | | | |
| DF106 | ● | D125 A20 Z10 SCMT 12 | 125 | 20 | 10 | 40 | 32 | 1,167 | | | |
| DF114 | ● | D160 A20 Z12 SCMT 12 | 160 | 20 | 12 | 40 | 50 | 2,145 | | | |

● *Stokta/ In Stock / Lager* ○ *Sınırlı Stok / Limited Stock / Begrenzte Lagerhaltung*

## CCMT 0602-09T3-1204






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | CCMT 0602 | CCMT 1204 |
|---|---|---|---|
| L | s | | |
| 6,2 | 2,38 | CCMT 09T3 | |
| 9,4 | 3,97 | | |
| 12,4 | 4,76 | | |

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | A | Z | d | Ap | kg | | | |
| DF150 | ● | D080 A08 Z10 CCMT 06 | 80 | 8 | 10 | 27 | 16 | 0,236 | CCMT 0602 ISO | TC063 M2,5x7 | T8 |
| DF160 | ● | D100 A08 Z12 CCMT 06 | 100 | 8 | 12 | 32 | 24 | 0,365 | | | |
| DF170 | ● | D125 A08 Z14 CCMT 06 | 125 | 8 | 14 | 40 | 32 | 0,512 | | | |
| DF182 | ● | D160 A08 Z16 CCMT 06 | 160 | 8 | 16 | 40 | 50 | 0,996 | | | |
| DF194 | ● | D200 A08 Z18 CCMT 06 | 200 | 8 | 18 | 40 | 70 | 1,587 | | | |
| DF152 | ● | D080 A10 Z10 CCMT 06 | 80 | 10 | 10 | 27 | 16 | 0,289 | | | |
| DF162 | ● | D100 A10 Z12 CCMT 06 | 100 | 10 | 12 | 32 | 24 | 0,453 | | | |
| DF172 | ● | D125 A10 Z14 CCMT 06 | 125 | 10 | 14 | 40 | 32 | 0,703 | | | |
| DF184 | ● | D160 A10 Z16 CCMT 06 | 160 | 10 | 16 | 40 | 50 | 1,228 | | | |
| DF196 | ● | D200 A10 Z18 CCMT 06 | 200 | 10 | 18 | 40 | 70 | 2,035 | | | |
| DF154 | ● | D080 A12 Z08 CCMT 09 | 80 | 12 | 8 | 27 | 16 | 0,470 | CCMT 09T3 ISO | TC067 M3,5x9 | T15 |
| DF164 | ● | D100 A12 Z10 CCMT 09 | 100 | 12 | 10 | 32 | 24 | 0,472 | | | |
| DF174 | ● | D125 A12 Z12 CCMT 09 | 125 | 12 | 12 | 40 | 32 | 0,750 | | | |
| DF186 | ● | D160 A12 Z14 CCMT 09 | 160 | 12 | 14 | 40 | 50 | 1,360 | | | |
| DF198 | ● | D200 A12 Z16 CCMT 09 | 200 | 12 | 16 | 40 | 70 | 2,400 | | | |
| DF156 | ● | D080 A14 Z08 CCMT 09 | 80 | 14 | 8 | 27 | 16 | 0,335 | | | |
| DF166 | ● | D100 A14 Z10 CCMT 09 | 100 | 14 | 10 | 32 | 24 | 0,552 | | | |
| DF176 | ● | D125 A14 Z12 CCMT 09 | 125 | 14 | 12 | 40 | 32 | 0,871 | | | |
| DF188 | ● | D160 A14 Z14 CCMT 09 | 160 | 14 | 14 | 40 | 50 | 1,535 | | | |
| DF200 | ● | D200 A14 Z16 CCMT 09 | 200 | 14 | 16 | 40 | 70 | 2,575 | | | |
| DF158 | ● | D080 A16 Z06 CCMT 12 | 80 | 16 | 6 | 27 | 16 | 0,545 | CCMT 1204 ISO | TC083 M5x12 | T20 |
| DF168 | ● | D100 A16 Z08 CCMT 12 | 100 | 16 | 8 | 32 | 24 | 0,567 | | | |
| DF178 | ● | D125 A16 Z10 CCMT 12 | 125 | 16 | 10 | 40 | 32 | 1,121 | | | |
| DF190 | ● | D160 A16 Z12 CCMT 12 | 160 | 16 | 12 | 40 | 50 | 1,727 | | | |
| DF180 | ● | D125 A20 Z10 CCMT 12 | 125 | 20 | 10 | 40 | 32 | 1,430 | | | |
| DF192 | ● | D160 A20 Z12 CCMT 12 | 160 | 20 | 12 | 40 | 50 | 2,650 | | | |

# T Kanal Freze
# T-Slot Milling Cutter
# T- Nutenfräser

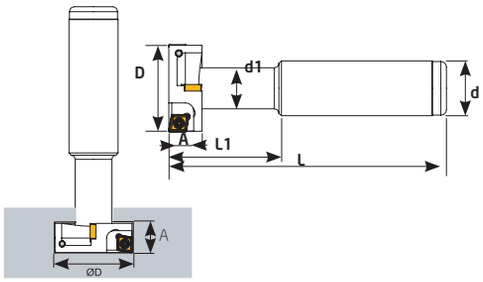
TEKNİK
Cutting Tools




**Technical Solution for Quality**

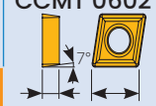
## CCMT 0602-09T3-1204



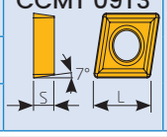



| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | |
|---|---|
| L | s |
| 6,2 | 2,38 |
| 9,4 | 3,97 |
| 12,4 | 4,76 |

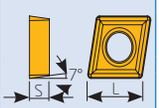
CCMT 0602




CCMT 09T3




CCMT 1204

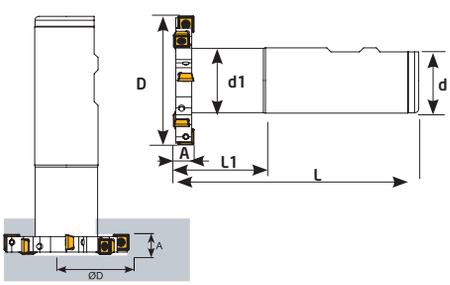



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | A | Z | d | d1 | L | L1 | kg | | | |
| TKÇ096 | ● | D17 A08 Z02 CCMT 06 | 17 | 8 | 2 | 16 | 10 | 100 | 28 | 0,145 | CCMT 0602 ISO | TC060 M2,5x5,5 | T8 |
| TKÇ098 | ● | D21 A09 Z02 CCMT 06 | 21 | 9 | 2 | 16 | 11 | 100 | 31,5 | 0,151 | | | |
| TKÇ100 | ● | D25 A11 Z04 CCMT 06 | 25 | 11 | 4 | 20 | 15 | 100 | 32,5 | 1,232 | | | |
| TKÇ102 | ● | D32 A12 Z04 CCMT 06 | 32 | 12 | 4 | 20 | 15 | 100 | 40 | 0,300 | | | |
| TKÇ103 | ● | D32 A14 Z04 CCMT 09 | 32 | 14 | 4 | 25 | 16 | 100 | 33 | 0,434 | CCMT 09T3 ISO | TC067 M3,5x9 | T15 |
| TKÇ104 | ● | D35 A15 Z04 CCMT 09 | 35 | 15 | 4 | 25 | 14 | 100 | 52 | 0,447 | | | |
| TKÇ106 | ● | D40 A17 Z04 CCMT 09 | 40 | 17 | 4 | 25 | 20 | 110 | 50 | 0,509 | | | |
| TKÇ108 | ● | D50 A20 Z04 CCMT 12 | 50 | 20 | 4 | 32 | 26 | 110 | 50 | 0,691 | CCMT 1204 ISO | TC083 M5x12 | T20 |
| TKÇ120 | ● | D63 A09 Z08 CCMT 06 | 63 | 9 | 8 | 32 | 19,5 | 125 | 37 | 0,842 | CCMT 0602 ISO | TC060 M2,5x5,5 | T8 |
| TKÇ122 | ● | D80 A09 Z10 CCMT 06 | 80 | 9 | 10 | 32 | 31,5 | 120 | 32 | 1,025 | | | |

*CCMT 0602-09T3-1204 ISO'dur./ CCMT 0602-09T3-1204 is ISO./ Kompatible für ISO WP*

## SPMG 05-06-07



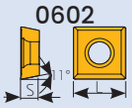



| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | |
|---|---|
| L | s |
| 5 | 2,38 |
| 6 | |
| 7,94 | 3,97 |

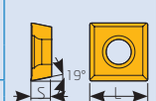
SPMG 0502




SPMG 0602




SPMG 07T3

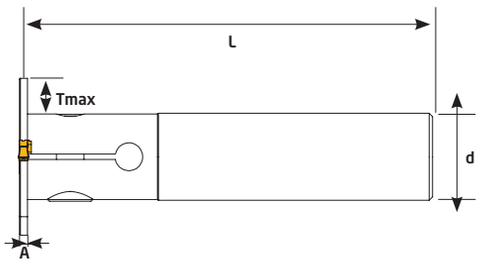


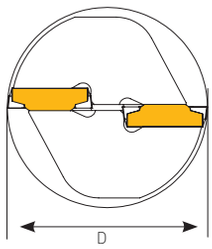

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | A | Z | d | d1 | L | L1 | kg | | | |
| TKÇ050 | ● | D50 A05 Z07 SPMG 05 | 50 | 5 | 7 | 32 | 31,5 | 120 | 45 | 0,830 | SPMG 05 TGTC | TC058 M2x4,2 | T6 |
| TKÇ052 | ● | D63 A05 Z08 SPMG 05 | 63 | 5 | 8 | 32 | 31,5 | 120 | 45 | 0,861 | | | |
| TKÇ054 | ● | D50 A06 Z07 SPMG 06 | 50 | 6 | 7 | 32 | 31,5 | 120 | 45 | 0,833 | SPMG 06 TGTC | TC059 M2,2x5 | T7 |
| TKÇ056 | ● | D63 A06 Z08 SPMG 06 | 63 | 6 | 8 | 32 | 31,5 | 120 | 45 | 0,850 | | | |
| TKÇ058 | ● | D80 A06 Z10 SPMG 06 | 80 | 6 | 10 | 32 | 31,5 | 120 | 45 | 0,944 | | | |
| TKÇ060 | ● | D50 A08 Z06 SPMG 06 | 50 | 8 | 6 | 32 | 31,5 | 120 | 45 | 0,839 | | | |
| TKÇ062 | ● | D63 A08 Z08 SPMG 06 | 63 | 8 | 8 | 32 | 31,5 | 120 | 45 | 0,874 | | | |
| TKÇ064 | ● | D80 A08 Z10 SPMG 06 | 80 | 8 | 10 | 32 | 31,5 | 120 | 45 | 0,995 | | | |
| TKÇ066 | ● | D50 A10 Z06 SPMG 07 | 50 | 10 | 6 | 32 | 31,5 | 120 | 45 | 0,496 | SPMG 07 TGTC | TC063 M2,5x7 | T8 |
| TKÇ068 | ● | D63 A10 Z08 SPMG 07 | 63 | 10 | 8 | 32 | 31,5 | 120 | 45 | 0,868 | | | |
| TKÇ070 | ● | D80 A10 Z10 SPMG 07 | 80 | 10 | 10 | 32 | 31,5 | 120 | 45 | 0,994 | | | |

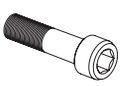
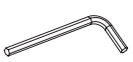
*TGTC ucuna uygundur./ Compatible with TGTC insert./ Kompatible für TGTC WP*

## DAIRE KANAL TAKIMI /Round Milling Cutter





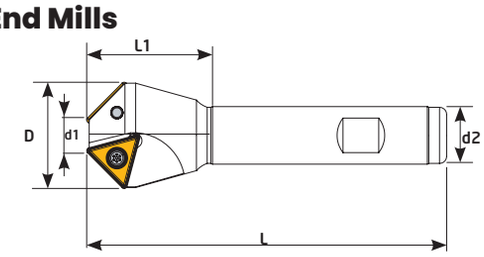



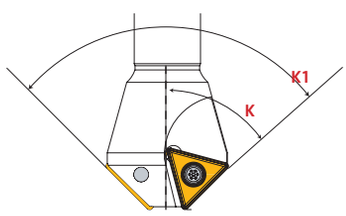

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | A | Z | L | d | Tmax | (kg) |  |  |  |
| TKÇ300 | ● | D50 A03 Z02 L-120 | 50 | 3 | 2 | 120 | 25 | 12,75 | 0,498 | MGM 3C KRLY | TC136 M8x20 | 6 Allen |
| TKÇ301 | ● | D63 A03 Z02 L-120 | 63 | 3 | 2 | 120 | 25 | 19,25 | 0,543 | | | |
| TKÇ302 | ● | D80 A03 Z02 L-120 | 80 | 3 | 2 | 120 | 32 | 24,25 | 0,841 | | | |
| TKÇ303 | ● | D50 A04 Z02 L-120 | 50 | 4 | 2 | 120 | 25 | 12,75 | 0,536 | MGM 4C KRLY | TC136 M8x20 | 6 Allen |
| TKÇ304 | ● | D63 A04 Z02 L-120 | 63 | 4 | 2 | 120 | 25 | 19,25 | 0,556 | | | |
| TKÇ305 | ● | D80 A04 Z02 L-120 | 80 | 4 | 2 | 120 | 32 | 24,25 | 0,860 | | | |
| TKÇ306 | ● | D55 A05 Z02 L-120 | 55 | 5 | 2 | 120 | 25 | 15,25 | 0,513 | MGM 5C KRLY | TC136 M8x20 | 6 Allen |
| TKÇ307 | ● | D63 A05 Z02 L-120 | 63 | 5 | 2 | 120 | 25 | 19,25 | 0,529 | | | |
| TKÇ308 | ● | D80 A05 Z02 L-120 | 80 | 5 | 2 | 120 | 32 | 24,25 | 0,860 | | | |

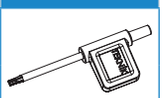
*KRLY ucuna uygundur. / Compatible with KRLY insert. / Kompatible für KRLY WP*

## TCMT 1102 16T3 HAVŞA / Chamfer End Mills





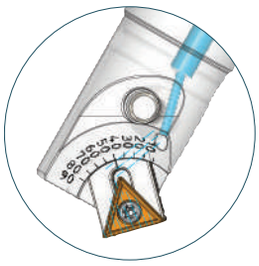

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | K | K1 | d1 | D | Z | d2 | L | L1 | (kg) | |  |  |  |
| S337 | ● | 06-20 Z01 K30° TCMT 16 | 30° | 60° | 6 | 20 | 1 | 16 | 100 | 37 | 0,170 | | TCMT 16T3 ISO | TC067 M3,5x8,5 | T15 |
| S345 | ● | 10-34 Z02 K30° TCMT 16 | 30° | 60° | 10 | 34 | 2 | 20 | 100 | 40 | 0,307 | | TCMT 16T3 ISO | TC067 M3,5x8,5 | T15 |
| S343 | ● | 24-39 Z02 K30° TCMT 16 | 30° | 60° | 24 | 39 | 2 | 20 | 100 | 36 | 0,356 | | TCMT 16T3 ISO | TC067 M3,5x8,5 | T15 |
| S334 | ● | 04-16 Z01 K45° TCMT 11 | 45° | 90° | 4 | 16 | 1 | 16 | 100 | 35 | 0,140 | | TCMT 1102 ISO | TC060 M2,5x5,5 | T8 |
| S341 | ● | 06-24 Z01 K45° TCMT 16 | 45° | 90° | 6 | 24 | 1 | 20 | 100 | 30 | 0,256 | | TCMT 16T3 ISO | TC067 M3,5x8,5 | T15 |
| S336 | ● | 10-31 Z02 K45° TCMT 16 | 45° | 90° | 10 | 31 | 2 | 16 | 100 | 35 | 0,204 | | TCMT 16T3 ISO | TC067 M3,5x8,5 | T15 |
| S338 | ● | 14-35 Z02 K45° TCMT 16 | 45° | 90° | 14 | 35 | 2 | 20 | 100 | 35 | 0,324 | | TCMT 16T3 ISO | TC067 M3,5x8,5 | T15 |
| S340 | ● | 22-43 Z03 K45° TCMT 16 | 45° | 90° | 22 | 43 | 3 | 25 | 100 | 37 | 0,634 | | TCMT 16T3 ISO | TC067 M3,5x8,5 | T15 |
| S342 | ● | 32-53 Z03 K45° TCMT 16 | 45° | 90° | 32 | 53 | 3 | 25 | 100 | 37 | 0,634 | | TCMT 16T3 ISO | TC067 M3,5x8,5 | T15 |
| S335 | ● | 02-18 Z01 K60° TCMT 11 | 60° | 120° | 2 | 18 | 1 | 16 | 100 | 35 | 0,157 | | TCMT 1102 ISO | TC060 M2,5x5,5 | T8 |
| S339 | ● | 10-31 Z02 K60° TCMT 16 | 60° | 120° | 10 | 31 | 2 | 16 | 100 | 35 | 0,213 | | TCMT 16T3 ISO | TC067 M3,5x8,5 | T15 |

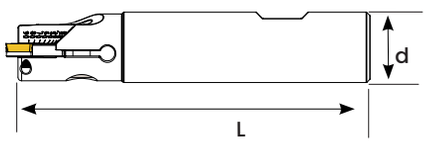
● *Stokta/ In Stock / Lager* ○ *Sınırlı Stok / Limited Stock / Begrenzte Lagerhaltung*

## Açılı Havşa Takımı /Angled Chamfer Mill



*Derecesi ayarlanabilir havşa freze*
*Adjustable angle chamfering mill*

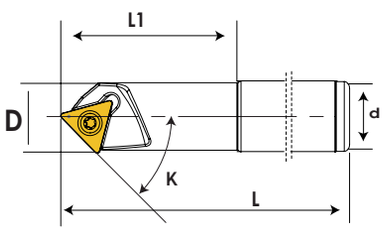





| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Insert | Fleximill | Clamp Screw | Fleximill Screw | Torx Key |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D min | D max | d | L | Y° | kg | | | | | |
| AH10 | ● | D020-R1 L100 | 5 | 27 | 20 | 100 | 10-80 | 0,241 | TCMT 11 | AH20 | TC063 M2,5x7 | M5x12 | T8 |
| AH15 | ● | D025-R1 L100 | 5 | 34 | 25 | 100 | 10-80 | 0,370 | TCMT 16 | AH21 | TC067M3,5x8,5 | M6x15 | T15 |

## TWX 16R



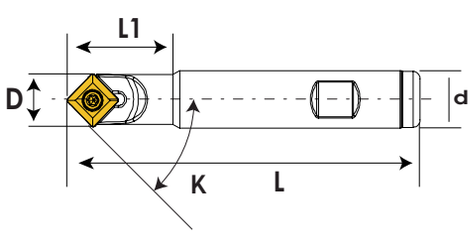



| Sipariş Kodu *Order Code Best.-Nr.* | | Ürün Kodu *Product Code Produkt-Code* | K | D | Z | L | d | L1 | kg | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S352 | ● | D21 d20 Z01 L110 TWX 16 | 45° | 21 | 1 | 110 | 20 | 50 | 0,260 | TWX 16R KRLY | TC072 M4x10 | T15 |

*KRLY ucuna uygundur. / Compatible with KRLY insert. / Kompatible für KRLY WP*

## SOMT 11T3



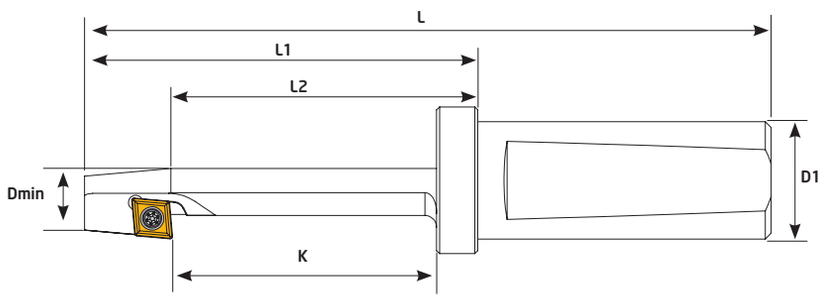


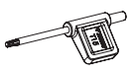

| Sipariş Kodu *Order Code Best.-Nr.* | | Ürün Kodu *Product Code Produkt-Code* | K | D | Z | L | d | L1 | kg | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S769 | ○ | D16 d16 Z01 L100 SOMT 11 | 45° | 16 | 1 | 100 | 16 | 32 | 0,153 | SOMT 11T3 PLBT | TC067 M3,5x8,5 | T15 |
| S770 | ○ | D16 d16 Z01 L150 SOMT 11 | 45° | 16 | 1 | 150 | 16 | 32 | 0,238 | | | |

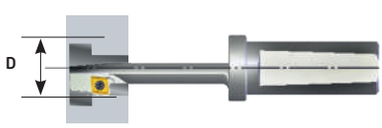
*PLBT ucuna uygundur. / Compatible with PLBT insert. / Kompatible für PLBT WP*

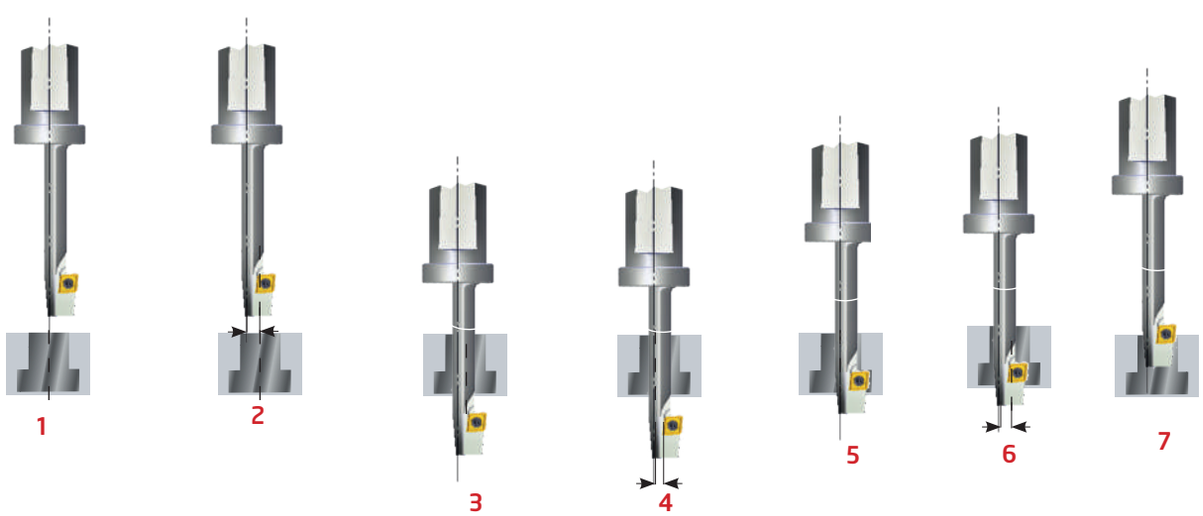
# Arka Yüzey Frezeleme
*Back Facing Milling Cutters*






| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | **Anahtar** *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | Dmin | K | L | L1 | L2 | D1 | (kg) |  |  |  |
| C100 | ● | D18-K40 CCMT 06 | 18 | 10 | 40 | 110 | 60 | 47 | 20 | 0,194 | CCMT 060204 ISO | TC060 M2,5x5 | T8 |
| C102 | ● | D20-K45 CCMT 06 | 20 | 12 | 45 | 117 | 67 | 52 | 20 | 0,210 | | | |
| C104 | ● | D26-K60 CCMT 06 | 26 | 17 | 60 | 132 | 82 | 67 | 20 | 0,261 | | | |
| C106 | ● | D33-K75 CCMT 09 | 33 | 21 | 75 | 152 | 102 | 82 | 20 | 0,308 | CCMT 09T304 ISO | TC067 M3,5x8,5 | T15 |

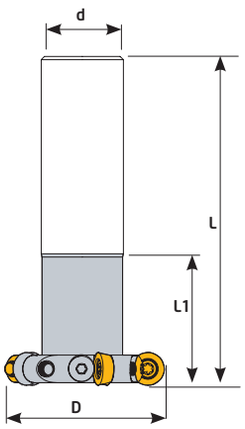


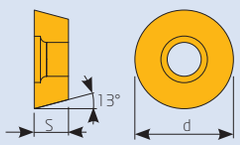




● *Stokta/ In Stock/ Lager* ○ *Sınırlı Stok/ Limited Stock/ Begrenzte Lagerhaltung*

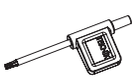
## RHKW 1003






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | RHKW 1003 |
|---|---|---|
| d | S |  |
| 10 | 3,80 | |

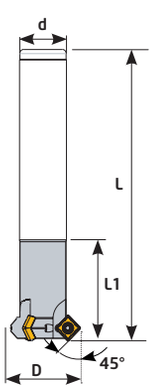


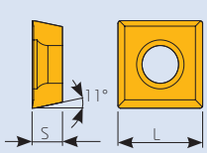
| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Kullanılan Uç *Insert WSP* | Civata *Torx-Schraube* | Baskı Civatası *Locking Screw Verriegelungs Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | Z | L | d | L1 | kg |  |  |  |  |
| TKÇ200 | ○ | D40 d20 Z04 L100 RHKW 10 | 40 | 4 | 100 | 20 | 40 | 0,285 | RHKW 1003 INGRSLL | TC074 M4x10 | TC040 M3,5 | T15 |
| TKÇ202 | ○ | D50 d25 Z05 L120 RHKW 10 | 50 | 5 | 120 | 25 | 40 | 0,284 | | | | |

*INGRSLL ucuna uygundur. / Compatible with INGRSLL insert. / Kompatible für INGRSLL WP*

## 45° SPMG 0904






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | SPMG 0904 |
|---|---|---|
| d | S |  |
| 9,8 | 4,3 | |

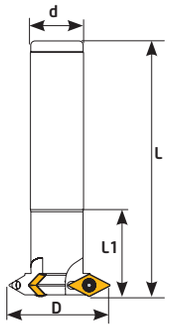


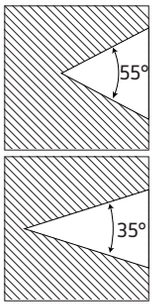
| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | Z | L | d | L1 | kg |  |  |  |
| S060 | ● | D32 d25 Z02 L150 SPMG 09 | 32 | 2 | 150 | 25 | 30 | 0,589 | SPMG 0904 TGTC | TC067 M3,5x8,5 | T15 |
| S062 | ● | D40 d25 Z03 L150 SPMG 09 | 40 | 3 | 150 | 25 | 50 | 0,562 | | | |

*TGTC ucuna uygundur. / Compatible with TGTC insert. / Kompatible für TGTC WP*

## 55° DCMT 11T3-35° VBMT 1604





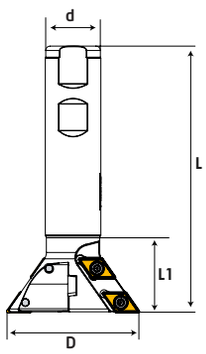



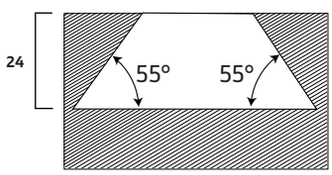

| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | DCMT 11T3 / VBMT 1604 |
|---|---|---|
| L | s | |
| 11,3<br>15,3 | 3,97<br>4,76 | |

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | Z | L | d | L1 | kg | | | |
| S070 | ● | D50 d25 Z03 L120 DCMT 11 | 50 | 3 | 120 | 25 | 40 | 0,584 | DCMT 11T3 ISO | TC067 M3.5X9 | T15 |
| S072 | ● | D63 d25 Z04 L120 DCMT 11 | 63 | 4 | 120 | 25 | 40 | 0,536 | | | |
| S073 | ● | D75 d25 Z03 L130 VBMT 16 | 75 | 3 | 130 | 25 | 40 | 0,924 | VBMT 1604 ISO | TC074 M4x10 | |

## 55° DCMT 11T3





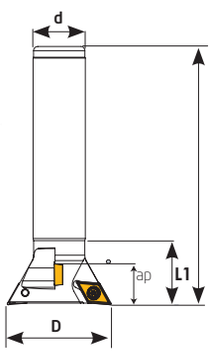



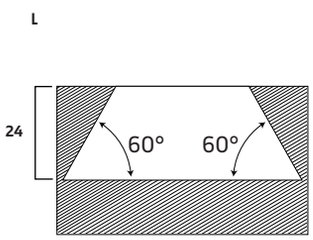

| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | DCMT 11T3 |
|---|---|---|
| L | s | |
| 11,3 | 3,97 | |

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | Z | L | d | L1 | kg | | | |
| TKÇ251 | ● | D60 d25 Z04 L120 DCMT 11 | 60 | 4 | 120 | 25 | 35 | 0,583 | DCMT 11T3 ISO | TC067 M3.5X9 | T15 |

## 60° DCMT 11T3






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | DCMT 11T3 |
|---|---|---|
| L | s | |
| 11,3 | 3,97 | |

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | Z | L | d | L1 | ap | kg | | | |
| TKÇ250 | ● | D50 d25 Z04 L120 DCMT 11 | 50 | 4 | 120 | 25 | 30 | 18 | 0,521 | DCMT 11T3 ISO | TC067 M3.5X9 | T15 |

● *Stokta/ In Stock / Lager* ○ *Sınırlı Stok / Limited Stock / Begrenzte Lagerhaltung*

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# Technical solution for quality






www.**teknikcuttingtools**.com

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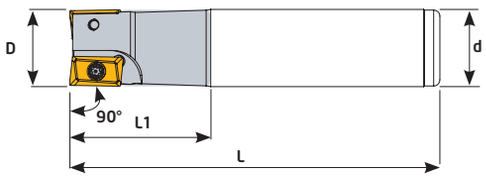
# Saplı Tarama
# End Mill
# Schaftfräser




**Technical Solution for Quality**

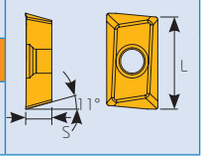
## APXT 1003

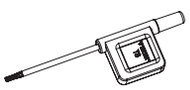





| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | |
|---|---|
| L | s |
| 10,5 | 3,52 |

APXT 1003

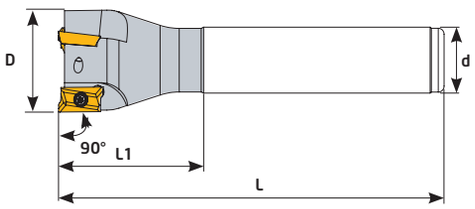


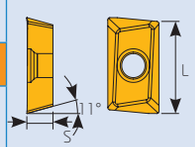

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Sıkma Civatası *Clamp Screw Torx-Schraube* | Kullanılan Uç *Insert WSP* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | Z | L | d | L1 | kg |  |  |  |
| S136 | ● | D12 d12 Z01 L100 APXT 10 | 12 | 1 | 100 | 12 | 27 | 0,097 | | | |
| S138 | ● | D14 d14 Z01 L100 APXT 10 | 14 | 1 | 100 | 14 | 30 | 0,126 | | | |
| S140 | ● | D16 d16 Z02 L100 APXT 10 | 16 | 2 | 100 | 16 | 30 | 0,156 | | | |
| S142 | ● | D18 d16 Z02 L100 APXT 10 | 18 | 2 | 100 | 16 | 30 | 0,162 | | | |
| S144 | ● | D20 d20 Z03 L100 APXT 10 | 20 | 3 | 100 | 20 | 30 | 0,231 | | | |
| S146 | ● | D22 d20 Z03 L100 APXT 10 | 22 | 3 | 100 | 20 | 30 | 0,243 | | | |
| S148 | ● | D25 d25 Z03 L100 APXT 10 | 25 | 3 | 100 | 25 | 35 | 0,365 | | | |
| S150 | ● | D30 d25 Z04 L100 APXT 10 | 30 | 4 | 100 | 25 | 40 | 0,400 | | | |
| S152 | ● | D32 d25 Z04 L100 APXT 10 | 32 | 4 | 100 | 25 | 35 | 0,415 | | | |
| S154 | ● | D35 d25 Z04 L100 APXT 10 | 35 | 4 | 100 | 25 | 30 | 0,452 | | | |
| S156 | ● | D40 d25 Z05 L100 APXT 10 | 40 | 5 | 100 | 25 | 30 | 0,477 | | | |
| S158 | ● | D12 d12 Z01 L120 APXT 10 | 12 | 1 | 120 | 12 | 27 | 0,112 | | | |
| S160 | ● | D14 d14 Z01 L120 APXT 10 | 14 | 1 | 120 | 14 | 30 | 0,150 | | | |
| S162 | ● | D16 d16 Z02 L120 APXT 10 | 16 | 2 | 120 | 16 | 40 | 0,185 | | | |
| S164 | ● | D18 d16 Z02 L120 APXT 10 | 18 | 2 | 120 | 16 | 45 | 0,190 | | | |
| S166 | ● | D20 d20 Z03 L120 APXT 10 | 20 | 3 | 120 | 20 | 40 | 0,278 | | | |
| S168 | ● | D22 d20 Z03 L120 APXT 10 | 22 | 3 | 120 | 20 | 40 | 0,290 | | | |
| S169 | ● | D25 d25 Z03 L120 APXT 10 | 25 | 3 | 120 | 25 | 40 | 0,452 | | | |
| S170 | ● | D30 d25 Z04 L120 APXT 10 | 30 | 4 | 120 | 25 | 40 | 0,487 | TC060 M2,5x5,5 | APXT 1003 | T8 |
| S171-1 | ● | D32 d25 Z04 L120 APXT 10 | 32 | 4 | 120 | 25 | 40 | 0,511 | | KRLY | |
| S171 | ● | D35 d25 Z04 L120 APXT 10 | 35 | 4 | 120 | 25 | 40 | 0,532 | | | |
| S172 | ● | D40 d25 Z05 L120 APXT 10 | 40 | 5 | 120 | 25 | 40 | 0,606 | | | |
| S173 | ● | D16 d16 Z02 L150 APXT 10 | 16 | 2 | 150 | 16 | 50 | 0,230 | | | |
| S174 | ● | D18 d16 Z02 L150 APXT 10 | 18 | 2 | 150 | 16 | 50 | 0,246 | | | |
| S176 | ● | D20 d20 Z03 L150 APXT 10 | 20 | 3 | 150 | 20 | 60 | 0,345 | | | |
| S178 | ● | D22 d20 Z03 L150 APXT 10 | 22 | 3 | 150 | 20 | 60 | 0,360 | | | |
| S180 | ● | D25 d25 Z03 L150 APXT 10 | 25 | 3 | 150 | 25 | 60 | 0,563 | | | |
| S180-1 | ● | D30 d25 Z04 L150 APXT 10 | 30 | 4 | 150 | 25 | 60 | 0,610 | | | |
| S181 | ● | D32 d32 Z04 L150 APXT 10 | 32 | 4 | 150 | 32 | 45 | 0,916 | | | |
| S182 | ● | D16 d16 Z02 L200 APXT 10 | 16 | 2 | 200 | 16 | 60 | 0,480 | | | |
| S184 | ● | D18 d16 Z02 L200 APXT 10 | 18 | 2 | 200 | 16 | 60 | 0,350 | | | |
| S186 | ● | D20 d20 Z03 L200 APXT 10 | 20 | 3 | 200 | 20 | 70 | 0,500 | | | |
| S187 | ● | D22 d20 Z03 L200 APXT 10 | 22 | 3 | 200 | 20 | 70 | 0,513 | | | |
| S188 | ● | D25 d25 Z03 L200 APXT 10 | 25 | 3 | 200 | 25 | 60 | 0,771 | | | |
| S188-1 | ● | D30 d25 Z04 L200 APXT 10 | 30 | 4 | 200 | 25 | 50 | 0,845 | | | |
| S189 | ● | D32 d32 Z04 L200 APXT 10 | 32 | 4 | 200 | 32 | 60 | 1,253 | | | |
| S190 | ● | D16 d16 Z02 L250 APXT 10 | 16 | 2 | 250 | 16 | 70 | 0,415 | | | |
| S192 | ● | D20 d20 Z03 L250 APXT 10 | 20 | 3 | 250 | 20 | 70 | 0,623 | | | |
| S194 | ● | D25 d25 Z03 L250 APXT 10 | 25 | 3 | 250 | 25 | 70 | 0,953 | | | |

*KRLY ucuna uygundur. / Compatible with KRLY insert. / Kompatible für KRLY WP*

## APKT 1604






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | APKT 1604 |
|---|---|---|
| L | s |  |
| 16,4 | 4,76 | |



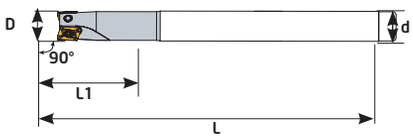
| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Sıkma Civatası *Clamp Screw Torx-Schraube* | Kullanılan Uç *Insert WSP* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | Z | L | d | L1 | kg |  |  |  |
| S256 | ● | D25 d25 Z02 L120 APKT 16 | 25 | 2 | 120 | 25 | 45 | 0,430 | | | |
| S258 | ● | D30 d25 Z03 L120 APKT 16 | 30 | 3 | 120 | 25 | 45 | 0,460 | | | |
| S260 | ● | D32 d25 Z03 L120 APKT 16 | 32 | 3 | 120 | 25 | 45 | 0,469 | | | |
| S262 | ● | D35 d25 Z03 L120 APKT 16 | 35 | 3 | 120 | 25 | 45 | 0,498 | | | |
| S264 | ● | D40 d25 Z04 L120 APKT 16 | 40 | 4 | 120 | 25 | 45 | 0,547 | | | |
| S266 | ● | D25 d25 Z02 L150 APKT 16 | 25 | 2 | 150 | 25 | 55 | 0,544 | | | |
| S268 | ● | D30 d25 Z03 L150 APKT 16 | 30 | 3 | 150 | 25 | 55 | 0,575 | | | |
| S270 | ● | D32 d32 Z03 L150 APKT 16 | 32 | 3 | 150 | 32 | 55 | 0,876 | | | |
| S272 | ● | D35 d32 Z03 L150 APKT 16 | 35 | 3 | 150 | 32 | 55 | 0,915 | | | |
| S274 | ● | D40 d32 Z04 L150 APKT 16 | 40 | 4 | 150 | 32 | 55 | 0,960 | | | |
| S276 | ● | D25 d25 Z02 L200 APKT 16 | 25 | 2 | 200 | 25 | 65 | 0,750 | | | |
| S278 | ● | D30 d25 Z03 L200 APKT 16 | 30 | 3 | 200 | 25 | 55 | 0,783 | | | |
| S280 | ● | D32 d32 Z03 L200 APKT 16 | 32 | 3 | 200 | 32 | 55 | 1,218 | TC074 | APKT 1604 | T15 |
| S282 | ● | D35 d32 Z03 L200 APKT 16 | 35 | 3 | 200 | 32 | 55 | 1,245 | M4x10 | KRLY | |
| S283 | ● | D40 d32 Z04 L200 APKT 16 | 40 | 4 | 200 | 32 | 55 | 1,296 | | | |
| S432 | ● | D25 d25 Z02 L250 APKT 16 | 25 | 2 | 250 | 25 | 70 | 0,939 | | | |
| S434 | ● | D30 d25 Z03 L250 APKT 16 | 30 | 3 | 250 | 25 | 55 | 1,028 | | | |
| S436 | ● | D32 d32 Z03 L250 APKT 16 | 32 | 3 | 250 | 32 | 60 | 1,520 | | | |
| S438 | ● | D35 d32 Z03 L250 APKT 16 | 35 | 3 | 250 | 32 | 65 | 1,567 | | | |
| S440 | ● | D40 d32 Z04 L250 APKT 16 | 40 | 4 | 250 | 32 | 60 | 1,612 | | | |
| S442 | ● | D25 d25 Z02 L300 APKT 16 | 25 | 2 | 300 | 25 | 70 | 1,127 | | | |
| S444 | ● | D30 d25 Z03 L300 APKT 16 | 30 | 3 | 300 | 25 | 60 | 1,168 | | | |
| S446 | ● | D32 d32 Z03 L300 APKT 16 | 32 | 3 | 300 | 32 | 70 | 1,827 | | | |
| S448 | ● | D35 d32 Z03 L300 APKT 16 | 35 | 3 | 300 | 32 | 65 | 1,879 | | | |
| S450 | ● | D40 d32 Z04 L300 APKT 16 | 40 | 4 | 300 | 32 | 70 | 1,922 | | | |
| S453 | ○ | D32 d32 Z03 L350 APKT 16 | 32 | 3 | 350 | 32 | 80 | 2,274 | | | |
| S454 | ○ | D35 d32 Z03 L350 APKT 16 | 35 | 3 | 350 | 32 | 65 | 2,332 | | | |
| S456 | ○ | D40 d32 Z04 L350 APKT 16 | 40 | 4 | 350 | 32 | 55 | 2,375 | | | |

*KRLY ucuna uygundur. / Compatible with KRLY insert. / Kompatible für KRLY WP*

● *Stokta/ In Stock / Lager* ○ *Sınırlı Stok / Limited Stock / Begrenzte Lagerhaltung*

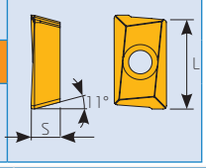
## APMT 0602






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | |
|---|---|
| L | s |
| 6 | 2,6 |

APMT 0602




| Sipariş Kodu Order Code Best.-Nr. | Stok/Stock/Lager | Ürün Kodu Product Code Produkt-Code | Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | | | | | Kullanılan Uç Insert WSP | Sıkma Civatası Clamp Screw Torx-Schraube | Anahtar Torx Key Torx-Schlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | Z | L | d | L1 | kg | | | |
| S003 | ● | D10 d10 Z02 L080 APMT 06 | 10 | 2 | 80 | 10 | 20 | 0,041 | APMT 06 KRLY | TC057-1 M1,8x4,1 | T6 |
| S027 | ● | D10 d10 Z02 L100 APMT 06 | 10 | 2 | 100 | 10 | 30 | 0,051 | | | |
| S009 | ● | D10 d10 Z02 L120 APMT 06 | 10 | 2 | 120 | 10 | 30 | 0,085 | | | |
| S004 | ● | D12 d12 Z03 L080 APMT 06 | 12 | 3 | 80 | 12 | 25 | 0,060 | | | |
| S028 | ● | D12 d12 Z03 L100 APMT 06 | 12 | 3 | 100 | 12 | 25 | 0,075 | | | |
| S011 | ● | D12 d12 Z02 L120 APMT 06 | 12 | 2 | 120 | 12 | 30 | 0,120 | | | |
| S005 | ● | D16 d16 Z04 L090 APMT 06 | 16 | 4 | 90 | 16 | 25 | 0,120 | | | |
| S029 | ● | D16 d16 Z04 L120 APMT 06 | 16 | 4 | 120 | 16 | 25 | 0,164 | | | |
| S006 | ● | D20 d20 Z05 L110 APMT 06 | 20 | 5 | 110 | 20 | 30 | 0,240 | | | |
| S030 | ● | D20 d20 Z05 L120 APMT 06 | 20 | 5 | 120 | 20 | 30 | 0,263 | | | |
| S007 | ● | D25 d25 Z07 L120 APMT 06 | 25 | 7 | 120 | 25 | 30 | 0,411 | | | |
| S008 | ● | D32 d32 Z08 L120 APMT 06 | 32 | 8 | 120 | 32 | 35 | 0,686 | | | |

*KRLY ucuna uygundur. / Compatible with KRLY insert. / Kompatible für KRLY WP*

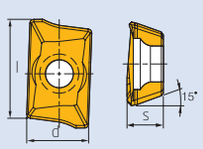
## APMT 0903






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | |
|---|---|---|
| l | d | s |
| 9,4 | 3,6 | 6,21 |

APMT 0903

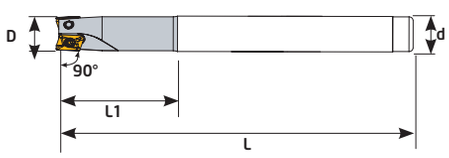



| Sipariş Kodu Order Code Best.-Nr. | | Ürün Kodu Product Code Produkt-Code | D | Z | L | d | L1 | kg | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| S047 | ● | D16 d16 Z02 L120 APMT 09 | 16 | 2 | 120 | 16 | 30 | 0,158 | APMT 0903 KRLY | TC060 M2,5x5,5 | T8 |
| S048 | ● | D20 d16 Z03 L120 APMT 09 | 20 | 3 | 120 | 20 | 30 | 0,261 | | | |
| S049 | ● | D25 d25 Z04 L130 APMT 09 | 25 | 4 | 130 | 25 | 30 | 0,438 | | | |
| S050 | ● | D32 d32 Z05 L130 APMT 09 | 32 | 5 | 130 | 32 | 30 | 0,732 | | | |

*KRLY ucuna uygundur. / Compatible with KRLY insert. / Kompatible für KRLY WP*

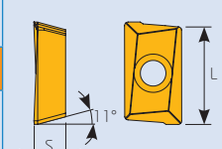
## APMT 11T3






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | |
|---|---|
| L | s |
| 11 | 3,97 |

APMT 11T3

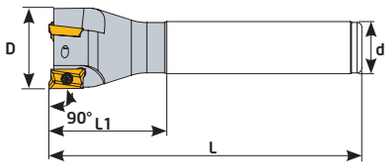



| Sipariş Kodu Order Code Best.-Nr. | | Ürün Kodu Product Code Produkt-Code | D | Z | L | d | L1 | kg | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| S222 | ● | D10 d10 Z01 L085 APMT 11 | 10 | 1 | 85 | 10 | 20 | 0,059 | APMT 11T3 KRLY | TC060 M2,5x5,5 | T8 |
| S224 | ● | D12 d16 Z01 L085 APMT 11 | 12 | 1 | 85 | 16 | 25 | 0,126 | | | |
| S226 | ● | D14 d16 Z01 L090 APMT 11 | 14 | 1 | 90 | 16 | 25 | 0,139 | | | |
| S228 | ● | D16 d16 Z02 L090 APMT 11 | 16 | 2 | 90 | 16 | 25 | 0,138 | | | |
| S230 | ● | D16 d16 Z02 L180 APMT 11 | 16 | 2 | 180 | 16 | 30 | 0,280 | | | |
| S232 | ● | D20 d20 Z02 L100 APMT 11 | 20 | 2 | 100 | 20 | 30 | 0,243 | | | |
| S234 | ● | D20 d20 Z02 L210 APMT 11 | 20 | 2 | 210 | 20 | 30 | 0,523 | | | |
| S236 | ● | D25 d25 Z03 L115 APMT 11 | 25 | 3 | 115 | 25 | 35 | 0,423 | | | |
| S238 | ● | D25 d25 Z03 L180 APMT 11 | 25 | 3 | 180 | 25 | 40 | 0,749 | | | |
| S240 | ● | D32 d32 Z04 L125 APMT 11 | 32 | 4 | 125 | 32 | 40 | 0,764 | | TC061 M2,5x6,5 | |
| S242 | ● | D32 d32 Z04 L180 APMT 11 | 32 | 4 | 180 | 32 | 50 | 1,123 | | | |

*KRLY ucuna uygundur. / Compatible with KRLY insert. / Kompatible für KRLY WP*

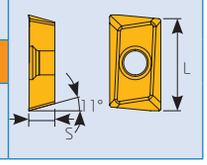
## APMT 1604

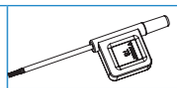





| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | |
|---|---|
| L | s |
| 16,4 | 4,76 |

APMT 1604

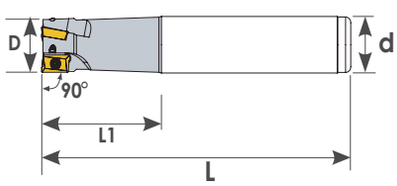


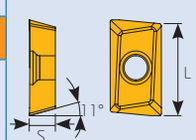

| Sipariş Kodu *Order Code Best.-Nr.* | | Ürün Kodu *Product Code Produkt-Code* | D | Z | L | d | L1 | kg |  |  |  |
|---|---|---|---|---|---|---|---|---|---|---|---|
| S244 | ● | D25 d25 Z02 L120 APMT 16 | 25 | 2 | 120 | 25 | 45 | 0,430 | APMT 1604 KRLY | TC074 M4x10 | T15 |
| S245 | ● | D25 d25 Z02 L150 APMT 16 | 25 | 2 | 150 | 25 | 55 | 0,610 | | | |
| S247 | ● | D32 d25 Z03 L120 APMT 16 | 32 | 3 | 120 | 25 | 45 | 0,495 | | | |
| S248 | ● | D32 d32 Z03 L150 APMT 16 | 32 | 3 | 150 | 32 | 55 | 0,874 | | | |
| S250 | ● | D40 d25 Z04 L120 APMT 16 | 40 | 4 | 120 | 25 | 45 | 0,544 | | | |
| S251 | ● | D40 d32 Z04 L150 APMT 16 | 40 | 4 | 150 | 32 | 55 | 1,294 | | | |

*KRLY ucuna uygundur. / Compatible with KRLY insert. / Kompatible für KRLY WP*

## APKT 1003-1604






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | APKT 1003 APKT 1604 |
|---|---|---|
| L | s | |
| 10,5<br>16,3 | 3,6<br>5,3 |  |



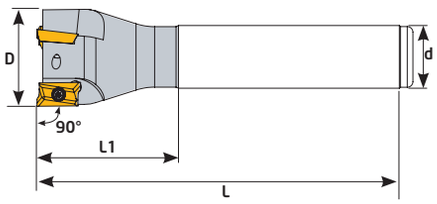
| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* D | Z | L | d | L1 | kg | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |  |  |  |
| S031 | ● | D16 - Z02 L100 APKT 10 | 16 | 2 | 100 | 16 | 30 | 0,275 | APKT 1003 YG1 | TC060 M2,5x5,5 | T8 |
| S032 | ● | D20 - Z03 L100 APKT 10 | 20 | 3 | 100 | 20 | 30 | 0,342 | | | |
| S033 | ● | D25 - Z03 L100 APKT 10 | 25 | 3 | 100 | 25 | 35 | 0,376 | | TC063 M2,5x7 | |
| S034 | ● | D32 - Z04 L100 APKT 10 | 32 | 4 | 100 | 25 | 35 | 0,768 | | | |
| S035 | ● | D16 - Z02 L150 APKT 10 | 16 | 2 | 150 | 16 | 50 | 0,320 | | TC060 M2,5x5,5 | |
| S036 | ● | D20 - Z03 L150 APKT 10 | 20 | 3 | 150 | 20 | 60 | 0,368 | | | |
| S037 | ● | D25 - Z03 L150 APKT 10 | 25 | 3 | 150 | 25 | 60 | 0,541 | | | |
| S038 | ● | D32 - Z04 L150 APKT 10 | 32 | 4 | 150 | 32 | 45 | 0,946 | | TC063 M2,5x7 | |
| S046 | ● | D40 - Z04 L120 APKT 16 | 40 | 4 | 120 | 25 | 45 | 0,516 | APKT 1604 YG1 | TC074 M4x10 | T15 |

*YG1 ucuna uygundur. / Compatible with YG1 insert. / Kompatible für YG1 WP*

● *Stokta/ In Stock / Lager* ○ *Sınırlı Stok / Limited Stock / Begrenzte Lagerhaltung*

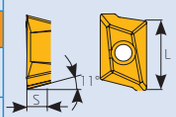
## R390-11T3 -1704-1806






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | |
|---|---|
| L | s |
| 11 | 3,18 |
| 17 | 4,76 |
| 18 | 6,3 |

R390 11T3-1704-1806

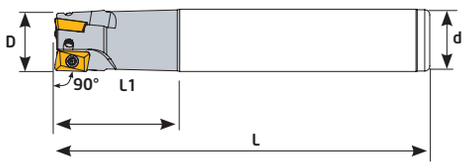



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | Z | L | d | L1 | kg | | | |
| S591 | ● | D16 d16 Z02 L120 R390 11 | 16 | 2 | 120 | 16 | 40 | 0,180 | R390-11T3 SNDVK | TC060 M2,5x5,5 | T8 |
| S592 | ● | D20 d20 Z03 L120 R390 11 | 20 | 3 | 120 | 20 | 40 | 0,270 | | TC063 M2,5x7 | |
| S592-1 | ● | D25 d25 Z03 L120 R390 11 | 25 | 3 | 120 | 25 | 45 | 0,446 | | TC063 M2,5x7 | |
| S593 | ● | D16 d16 Z02 L150 R390 11 | 16 | 2 | 150 | 16 | 40 | 0,229 | | TC060 M2,5x5,5 | |
| S594 | ● | D20 d20 Z03 L150 R390 11 | 20 | 3 | 150 | 20 | 50 | 0,348 | | TC063 M2,5x7 | |
| S594-1 | ● | D21 d20 Z03 L150 R390 11 | 21 | 3 | 150 | 20 | 50 | 0,366 | | TC060 M2,5x5,5 | |
| S595 | ● | D25 d25 Z03 L150 R390 11 | 25 | 3 | 150 | 25 | 50 | 0,557 | | TC063 M2,5x7 | |
| S595-1 | ● | D26 d25 Z04 L150 R390 11 | 26 | 4 | 150 | 25 | 50 | 0,557 | | | |
| S596 | ● | D20 d20 Z03 L200 R390 11 | 20 | 3 | 200 | 20 | 50 | 0,480 | | TC060 M2,5x5,5 | |
| S597 | ● | D25 d25 Z03 L200 R390 11 | 25 | 3 | 200 | 25 | 50 | 0,762 | | TC063 M2,5x7 | |
| S598 | ● | D25 d25 Z03 L250 R390 11 | 25 | 3 | 250 | 25 | 60 | 0,951 | | | |
| S510 | ● | D25 d25 Z02 L120 R390 17 | 25 | 2 | 120 | 25 | 45 | 0,425 | R390-1704 SNDVK | TC067 M3,5x8,5 | T15 |
| S512 | ● | D30 d25 Z03 L120 R390 17 | 30 | 3 | 120 | 25 | 45 | 0,461 | | | |
| S514 | ● | D32 d25 Z03 L120 R390 17 | 32 | 3 | 120 | 25 | 45 | 0,459 | | | |
| S518 | ● | D40 d32 Z04 L120 R390 17 | 40 | 4 | 120 | 32 | 45 | 0,782 | | | |
| S520 | ● | D25 d25 Z02 L150 R390 17 | 25 | 2 | 150 | 25 | 55 | 0,536 | | | |
| S522 | ● | D30 d25 Z03 L150 R390 17 | 30 | 3 | 150 | 25 | 55 | 0,582 | | | |
| S524 | ● | D32 d32 Z03 L150 R390 17 | 32 | 3 | 150 | 32 | 55 | 0,854 | | | |
| S528 | ● | D40 d32 Z04 L150 R390 17 | 40 | 4 | 150 | 32 | 55 | 0,936 | | | |
| S530 | ● | D25 d25 Z02 L200 R390 17 | 25 | 2 | 200 | 25 | 60 | 0,741 | | | |
| S532 | ● | D30 d25 Z03 L200 R390 17 | 30 | 3 | 200 | 25 | 55 | 0,773 | | | |
| S534 | ● | D32 d32 Z03 L200 R390 17 | 32 | 3 | 200 | 32 | 55 | 0,781 | | | |
| S538 | ● | D40 d32 Z04 L200 R390 17 | 40 | 4 | 200 | 32 | 55 | 1,272 | | | |
| S603 | ● | D25 d25 Z02 L150 R390 18 | 25 | 2 | 150 | 25 | 60 | 0,530 | R390-1806 SNDVK | TC074 M4x10 | T15 |
| S600 | ● | D25 d25 Z02 L200 R390 18 | 25 | 2 | 200 | 25 | 60 | 0,756 | | | |
| S605 | ● | D32 d32 Z03 L150 R390 18 | 32 | 3 | 150 | 32 | 60 | 0,850 | | | |
| S601 | ● | D32 d32 Z03 L200 R390 18 | 32 | 3 | 200 | 32 | 60 | 1,188 | | | |

*SNDVK ucuna uygundur. / Compatible with SNDVK insert. / Kompatible für SNDVK WP*

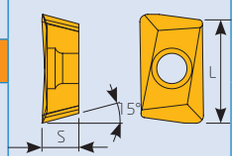
## XOMX 0602-0903-1204






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | |
|---|---|
| L | s |
| 12 | 5,06 |

XOMX 1204

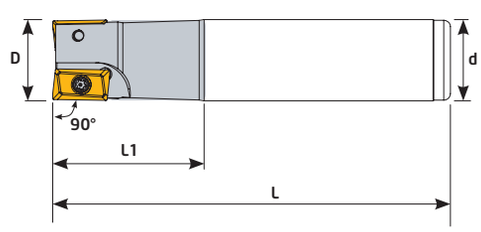



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* D | Z | L | d | L1 | Kg | Sıkma Civatası *Clamp Screw Torx-Schraube* | Kullanılan Uç *Insert WSP* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| S623 | ● | D10 d10 Z02 L120 XOMX 06 | 10 | 2 | 120 | 10 | 40 | 0,086 | TC057-1 M1,8x4 | XOMX 0602 SCO | T6 |
| S625 | ● | D12 d12 Z02 L120 XOMX 06 | 12 | 2 | 120 | 12 | 30 | 0,119 | | | |
| S627 | ● | D16 d16 Z02 L120 XOMX 09 | 16 | 2 | 120 | 16 | 45 | 0,197 | TC060 M2,5x5,5 | XOMX 0903 SCO | T8 |
| S626 | ● | D20 d20 Z03 L120 XOMX 09 | 20 | 3 | 120 | 20 | 40 | 0,297 | | | |
| S629 | ● | D16 d16 Z02 L150 XOMX 09 | 16 | 2 | 150 | 16 | 45 | 0,228 | | | |
| S628 | ● | D20 d20 Z03 L150 XOMX 09 | 20 | 3 | 150 | 20 | 55 | 0,373 | | | |
| S636 | ● | D20 d20 Z03 L200 XOMX 09 | 20 | 3 | 200 | 20 | 55 | 0,507 | | | |
| S632 | ● | D25 d25 Z03 L150 XOMX 09 | 25 | 3 | 150 | 25 | 55 | 0,352 | | | |
| S638 | ● | D20 d20 Z02 L120 XOMX 12 | 20 | 2 | 120 | 20 | 45 | 0,500 | TC069 M3,5x8,5 | XOMX 1204 SCO | T10 |
| S640 | ● | D20 d20 Z02 L150 XOMX 12 | 20 | 2 | 150 | 20 | 55 | 0,439 | | | |
| S641 | ● | D20 d20 Z02 L200 XOMX 12 | 20 | 2 | 200 | 20 | 60 | 0,504 | | | |
| S642 | ● | D25 d25 Z03 L120 XOMX 12 | 25 | 3 | 120 | 25 | 45 | 0,443 | | | |
| S643 | ● | D25 d25 Z03 L150 XOMX 12 | 25 | 3 | 150 | 25 | 55 | 0,574 | | | |
| S644 | ● | D25 d25 Z03 L200 XOMX 12 | 25 | 3 | 200 | 25 | 60 | 0,779 | | | |
| S645 | ● | D25 d25 Z03 L250 XOMX 12 | 25 | 3 | 250 | 25 | 70 | 0,856 | | | |
| S647 | ● | D32 d32 Z04 L120 XOMX 12 | 32 | 4 | 120 | 25 | 45 | 0,965 | | | |
| S648 | ● | D32 d32 Z04 L150 XOMX 12 | 32 | 4 | 150 | 32 | 55 | 0,937 | | | |
| S650 | ● | D40 d32 Z04 L150 XOMX 12 | 40 | 4 | 150 | 32 | 45 | 1,047 | | | |

*SCO ucuna uygundur. / Compatible with SCO insert. / Kompatible für SCO WP*

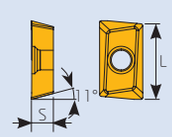
## APKT 0903






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | |
|---|---|
| L | s |
| 9,52 | 3,18 |

APKT 0903

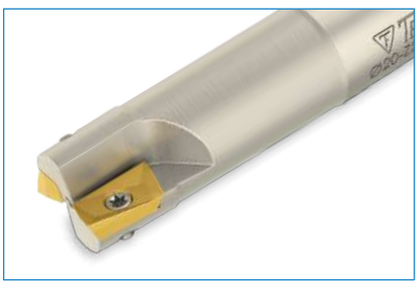


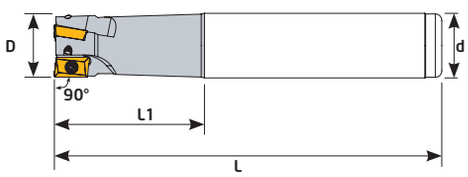

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* D | Z | L | d | L1 | Kg | Sıkma Civatası *Clamp Screw Torx-Schraube* | Kullanılan Uç *Insert WSP* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| S204 | ● | D16 d16 Z02 L120 APKT 09 | 16 | 2 | 120 | 16 | 40 | 0,185 | TC060 M2,5x5,5 | APKT 0903 WLTR | T8 |
| S206 | ● | D20 d20 Z03 L120 APKT 09 | 20 | 3 | 120 | 20 | 45 | 0,278 | TC063 M2,5x7 | | |
| S208 | ● | D25 d25 Z03 L120 APKT 09 | 25 | 3 | 120 | 25 | 45 | 0,453 | | | |
| S210 | ● | D16 d16 Z02 L150 APKT 09 | 16 | 2 | 150 | 16 | 50 | 0,237 | TC060 M2,5x5,5 | | |
| S212 | ● | D20 d20 Z03 L150 APKT 09 | 20 | 3 | 150 | 20 | 45 | 0,354 | TC063 M2,5x7 | | |
| S214 | ● | D25 d25 Z03 L150 APKT 09 | 25 | 3 | 150 | 25 | 45 | 0,590 | | | |
| S216 | ● | D16 d16 Z02 L200 APKT 09 | 16 | 2 | 200 | 16 | 60 | 0,340 | TC060 M2,5x5,5 | | |
| S218 | ● | D20 d20 Z03 L200 APKT 09 | 20 | 3 | 200 | 20 | 60 | 0,502 | TC063 M2,5x7 | | |
| S220 | ● | D25 d25 Z03 L200 APKT 09 | 25 | 3 | 200 | 25 | 60 | 0,765 | | | |

*WLTR ucuna uygundur. / Compatible with WLTR insert. / Kompatible für WLTR WP*

● *Stokta/ In Stock / Lager* ○ *Sınırlı Stok / Limited Stock / Begrenzte Lagerhaltung*

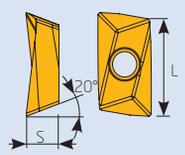
## ADMT 1204






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | |
|---|---|
| L | S |
| 13,6 | 4,76 |

ADMT 1204

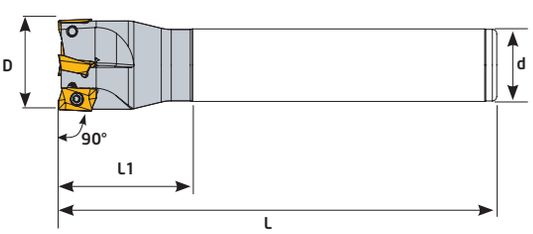



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | Z | L | d | L1 | kg | | | |
| S498 | ● | D20 d20 Z02 L120 ADMT 12 | 20 | 2 | 120 | 20 | 40 | 0,275 | ADMT 1204 WLTR | TC065 M3x7 | T8 |
| S500 | ● | D20 d20 Z02 L150 ADMT 12 | 20 | 2 | 150 | 20 | 55 | 0,348 | | | |
| S501 | ● | D20 d20 Z02 L200 ADMT 12 | 20 | 2 | 200 | 20 | 60 | 0,498 | | | |
| S501-1 | ● | D25 d25 Z03 L120 ADMT 12 | 25 | 3 | 120 | 25 | 40 | 0,443 | | | |
| S502 | ● | D25 d25 Z03 L150 ADMT 12 | 25 | 3 | 150 | 25 | 60 | 0,550 | | | |
| S503 | ● | D30 d25 Z04 L150 ADMT 12 | 30 | 4 | 150 | 25 | 60 | 0,558 | | | |
| S504 | ● | D32 d32 Z04 L150 ADMT 12 | 32 | 4 | 150 | 32 | 50 | 0,932 | | | |
| S506 | ● | D40 d32 Z05 L150 ADMT 12 | 40 | 5 | 150 | 32 | 50 | 0,968 | | | |

*WLTR ucuna uygundur. / Compatible with WLTR insert. / Kompatible für WLTR WP*

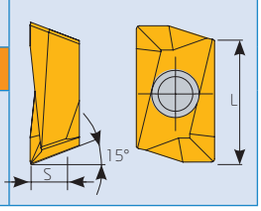
## ADMT 1606






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | |
|---|---|
| L | S |
| 17,5 | 6,15 |

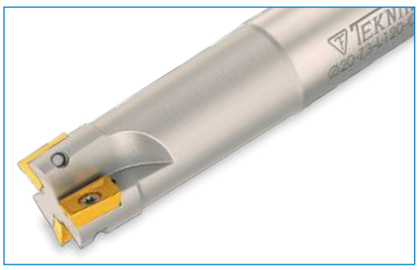
ADMT 1606

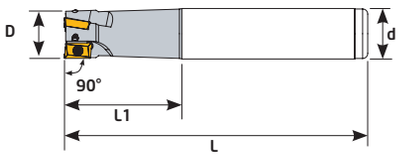



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | Z | L | d | L1 | kg | | | |
| S460 | ● | D25 d25 Z02 L150 ADMT 16 | 25 | 2 | 150 | 25 | 60 | 0,534 | ADMT 1606 WLTR | TC079 M4x10 | T15 |
| S461 | ● | D25 d25 Z02 L200 ADMT 16 | 25 | 2 | 200 | 25 | 60 | 0,744 | | | |
| S463 | ● | D26 d25 Z02 L150 ADMT 16 | 26 | 2 | 150 | 25 | 60 | 0,545 | | | |
| S464 | ● | D26 d25 Z02 L200 ADMT 16 | 26 | 2 | 200 | 25 | 60 | 0,751 | | | |
| S466 | ● | D32 d32 Z03 L150 ADMT 16 | 32 | 3 | 150 | 32 | 60 | 0,784 | | | |
| S467 | ● | D32 d32 Z03 L200 ADMT 16 | 32 | 3 | 200 | 32 | 60 | 1,085 | | | |
| S469 | ● | D40 d32 Z04 L150 ADMT 16 | 40 | 4 | 150 | 32 | 60 | 0,927 | | | |
| S470 | ● | D40 d32 Z04 L200 ADMT 16 | 40 | 4 | 200 | 32 | 60 | 1,310 | | | |

*WLTR ucuna uygundur. / Compatible with WLTR insert. / Kompatible für WLTR WP*

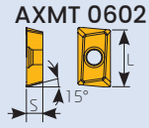
## AXMT 0602 – APKT 0903



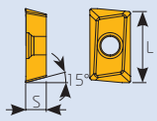



| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | |
|---|---|
| L | s |
| 6 | 2,6 |
| 9,5 | 3,6 |

AXMT 0602




APKT 0903

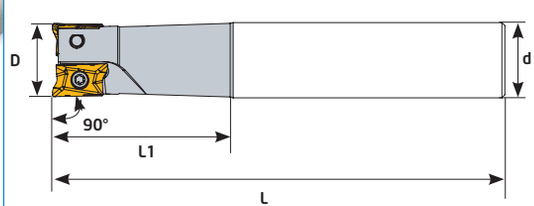



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | Z | L | d | L1 | kg | | | |
| S010 | ● | D10 d10 Z02 L120 AXMT 06 | 10 | 2 | 120 | 10 | 30 | 0,085 | AXMT 0602 TGTC | TC057-1 M1,8x4 | T6 |
| S012 | ● | D12 d12 Z02 L120 AXMT 06 | 12 | 2 | 120 | 12 | 30 | 0,119 | | | |
| S014 | ● | D16 d16 Z02 L120 APKT 09 | 16 | 2 | 120 | 16 | 40 | 0,195 | APKT 0903 TGTC | TC060 M2,5x5,5 | T8 |
| S016 | ● | D20 d20 Z03 L120 APKT 09 | 20 | 3 | 120 | 20 | 45 | 0,296 | | | |
| S018 | ● | D25 d25 Z03 L120 APKT 09 | 25 | 3 | 120 | 25 | 45 | 0,447 | | | |
| S020 | ● | D16 d16 Z02 L150 APKT 09 | 16 | 2 | 150 | 16 | 50 | 0,233 | | | |
| S022 | ● | D20 d20 Z03 L150 APKT 09 | 20 | 3 | 150 | 20 | 60 | 0,370 | | | |
| S024 | ● | D25 d25 Z03 L150 APKT 09 | 25 | 3 | 150 | 25 | 60 | 0,583 | | | |

*TGTC ucuna uygundur. / Compatible with TGTC insert. / Kompatible für TGTC WP*

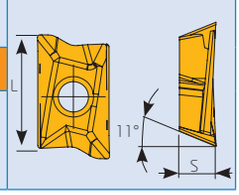
## APKT 1705






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | |
|---|---|
| L | S |
| 17 | 5,56 |

APKT 1705

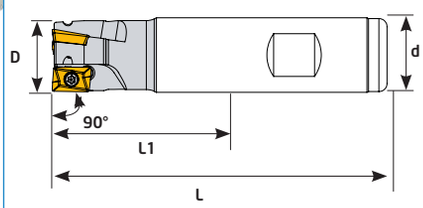


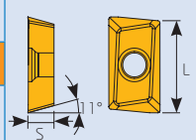

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | Z | L | d | L1 | kg | | | |
| S660 | ● | D25 d25 Z02 L150 APKT 17 | 25 | 2 | 150 | 25 | 60 | 0,534 | APKT 1705 TGTC | TC074 M4x10 | T15 |
| S660-1 | ● | D25 d25 Z02 L200 APKT 17 | 25 | 2 | 200 | 25 | 60 | 0,763 | | | |
| S662 | ● | D32 d32 Z03 L150 APKT 17 | 32 | 3 | 150 | 32 | 60 | 0,850 | | | |
| S662-1 | ● | D32 d32 Z03 L200 APKT 17 | 32 | 3 | 200 | 32 | 60 | 1,236 | | | |
| S664 | ● | D40 d32 Z04 L150 APKT 17 | 40 | 4 | 150 | 32 | 60 | 0,850 | | | |

*TGTC ucuna uygundur. / Compatible with TGTC insert. / Kompatible für TGTC WP*

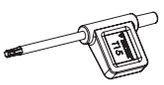
## APKT 1003






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | APKT 1003 |
|---|---|---|
| L | s |  |
| 10,5 | 3,6 | |

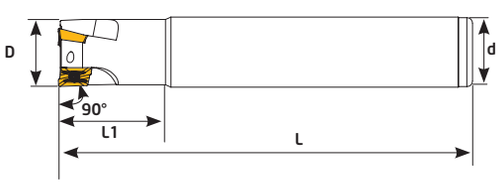


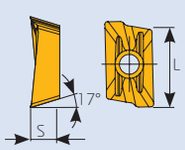
| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | Z | L | d | L1 | kg |  |  |  |
| S766 | ● | D16 d16 Z02 L085 APKT 10 | 16 | 2 | 85 | 16 | 26 | 0,123 | APKT 1003 PLBT | TC060 M2,5x5,5 | T8 |
| S767 | ● | D20 d20 Z03 L090 APKT 10 | 20 | 3 | 90 | 20 | 28 | 0,209 | | | |
| S768 | ● | D25 d20 Z04 L150 APKT 10 | 25 | 4 | 150 | 20 | 26 | 0,388 | | | |

*PLBT ucuna uygundur. / Compatible with PLBT insert. / Kompatible für PLBT WP*

## BDMT 11T3






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | BDMT 11T3 |
|---|---|---|
| L | S |  |
| 11 | 3,80 | |

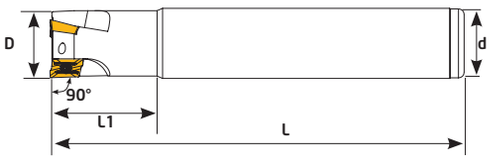


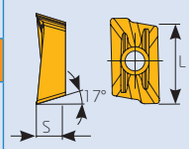
| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | Z | L | d | L1 | kg |  |  |  |
| S565 | ● | D16 d16 Z02 L150 BDMT 11 | 16 | 2 | 150 | 16 | 45 | 0,232 | BDMT 11T3 KYCRA | TC060 M2,5x5,5 | T8 |
| S566 | ● | D18 d16 Z02 L150 BDMT 11 | 18 | 2 | 150 | 16 | 44 | 0,240 | | | |
| S567 | ● | D20 d20 Z03 L150 BDMT 11 | 20 | 3 | 150 | 20 | 50 | 0,351 | | | |
| S569 | ● | D25 d25 Z03 L150 BDMT 11 | 25 | 3 | 150 | 25 | 50 | 0,563 | | | |
| S570 | ● | D25 d25 Z03 L200 BDMT 11 | 25 | 3 | 200 | 25 | 60 | 0,764 | | | |
| S572 | ● | D32 d32 Z04 L150 BDMT 11 | 32 | 4 | 150 | 32 | 50 | 0,961 | | | |
| S574 | ● | D32 d32 Z04 L200 BDMT 11 | 32 | 4 | 200 | 32 | 60 | 1,294 | | | |

*KYCRA ucuna uygundur. / Compatible with KYCRA insert. / Kompatible für KYCRA WP*

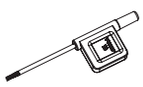
## BDMT 1704






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | BDMT 1704 |
|---|---|---|
| L | S |  |
| 17 | 4,90 | |

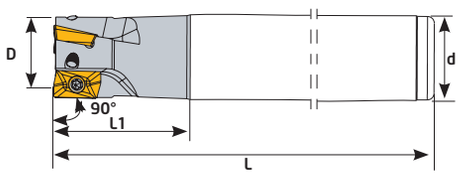


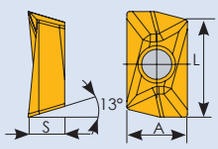
| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | Z | L | d | L1 | kg |  |  |  |
| S578 | ● | D25 d25 Z02 L120 BDMT 17 | 25 | 2 | 120 | 25 | 35 | 0,432 | BDMT 1704 KYCRA | TC073 M4x7 | T15 |
| S579 | ● | D25 d25 Z02 L150 BDMT 17 | 25 | 2 | 150 | 25 | 50 | 0,548 | | | |
| S581 | ● | D32 d25 Z03 L120 BDMT 17 | 32 | 3 | 120 | 25 | 40 | 0,480 | | TC074 M4x10 | |
| S582 | ● | D32 d32 Z03 L150 BDMT 17 | 32 | 3 | 150 | 32 | 60 | 0,895 | | | |
| S584 | ● | D40 d32 Z04 L120 BDMT 17 | 40 | 4 | 120 | 32 | 40 | 0,790 | | | |
| S585 | ● | D40 d32 Z04 L150 BDMT 17 | 40 | 4 | 150 | 32 | 40 | 0,985 | | | |

*KYCRA ucuna uygundur. / Compatible with KYCRA insert. / Kompatible für KYCRA WP*

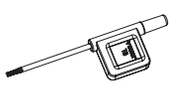
## BOMT 1304






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | | BOMT 1304 |
|---|---|---|---|
| L | S | A |  |
| 13 | 4,5 | 8 | |



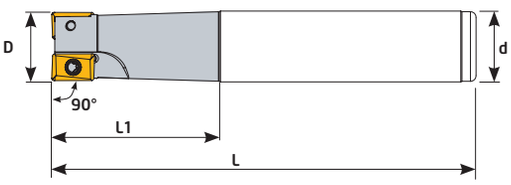
| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | Z | L | d | L1 | kg |  |  |  |
| S850 | ● | D20 d20 Z02 L120 BOMT 13 | 20 | 2 | 120 | 20 | 40 | 0,289 | BOMT 1304 INGRSLL | TC069 M3,5x8,5 | T10 |
| S851 | ● | D20 d20 Z02 L150 BOMT 13 | 20 | 2 | 150 | 20 | 40 | 0,356 | | | |
| S852 | ● | D25 d25 Z03 L120 BOMT 13 | 25 | 3 | 120 | 25 | 40 | 0,451 | | | |
| S853 | ● | D25 d25 Z03 L150 BOMT 13 | 25 | 3 | 150 | 25 | 40 | 0,556 | | | |

*INGRSLL ucuna uygundur. / Compatible with INGRSLL insert. / Kompatible für INGRSLL WP*

● *Stokta/ In Stock / Lager* ○ *Sınırlı Stok / Limited Stock / Begrenzte Lagerhaltung*

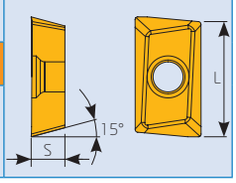
## ADKT 1505






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | |
|---|---|
| L | S |
| 15,7 | 5,63 |

ADKT 1505

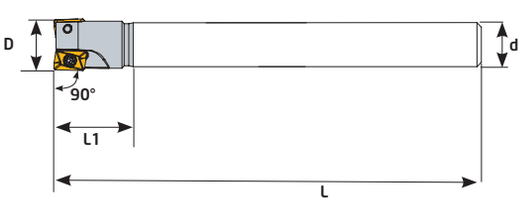



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | **Anahtar** *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | Z | L | d | L1 | kg | | | |
| S304 | ● | D25 d25 Z02 L120 ADKT 15 | 25 | 2 | 120 | 25 | 45 | 0,434 | **ADKT 1505 ISCR** | **TC074 M4x10** | **T15** |
| S306 | ● | D30 d25 Z03 L120 ADKT 15 | 30 | 3 | 120 | 25 | 45 | 0,466 | | | |
| S307 | ● | D32 d25 Z03 L120 ADKT 15 | 32 | 3 | 120 | 25 | 45 | 0,477 | | | |
| S308 | ● | D35 d25 Z03 L120 ADKT 15 | 35 | 3 | 120 | 25 | 45 | 0,500 | | | |
| S310 | ● | D40 d32 Z04 L120 ADKT 15 | 40 | 4 | 120 | 32 | 45 | 0,759 | | | |
| S312 | ● | D25 d25 Z02 L150 ADKT 15 | 25 | 2 | 150 | 25 | 60 | 0,550 | | | |
| S314 | ● | D30 d25 Z03 L150 ADKT 15 | 30 | 3 | 150 | 25 | 50 | 0,596 | | | |
| S315 | ● | D32 d32 Z03 L150 ADKT 15 | 32 | 3 | 150 | 32 | 60 | 0,887 | | | |
| S316 | ● | D35 d32 Z03 L150 ADKT 15 | 35 | 3 | 150 | 32 | 50 | 0,920 | | | |
| S318 | ● | D25 d25 Z02 L200 ADKT 15 | 25 | 2 | 200 | 25 | 55 | 0,711 | | | |
| S319 | ● | D30 d25 Z03 L200 ADKT 15 | 30 | 3 | 200 | 25 | 50 | 0,783 | | | |
| S320 | ● | D32 d32 Z03 L200 ADKT 15 | 32 | 3 | 200 | 32 | 60 | 1,198 | | | |
| S321 | ● | D35 d32 Z03 L200 ADKT 15 | 35 | 3 | 200 | 32 | 50 | 1,252 | | | |
| S322 | ● | D40 d32 Z04 L200 ADKT 15 | 40 | 4 | 200 | 32 | 60 | 1,272 | | | |

*ISCR ucuna uygundur. / Compatible with ISCR insert. / Kompatible für ISCR WP*

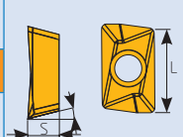
## ADMX 0702






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | |
|---|---|
| L | S |
| 7,28 | 2,48 |

ADMX 0702

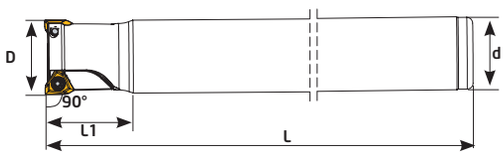



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | Z | L | d | L1 | kg | | | |
| S751 | ○ | D10 d10 Z02 L080 ADMX 07 | 10 | 2 | 80 | 10 | 16 | 0,062 | **ADMX 0702 PRMT** | **TC058 M2x4,2** | **T6** |
| S759 | ○ | D16 d16 Z03 L160 ADMX 07 | 16 | 3 | 160 | 16 | 18 | 0,205 | | | |
| S760 | ○ | D20 d20 Z04 L125 ADMX 07 | 20 | 4 | 125 | 20 | 17 | 0,293 | | | |
| S761 | ○ | D20 d20 Z05 L125 ADMX 07 | 20 | 5 | 125 | 20 | 17 | 0,300 | | | |

*PRMT ucuna uygundur. / Compatible with PRMT insert. / Kompatible für PRMT WP*

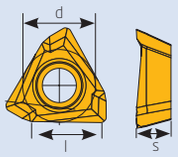
## 3PKT 1004






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | |
|---|---|---|
| d | l | S |
| 6,9 | 7 | 4 |

3PKT 1004

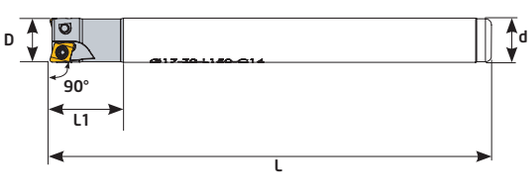



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | Z | L | d | L1 | kg | | | |
| S485 | ● | D21 d20 Z02 L200 3PKT 10 | 21 | 2 | 200 | 20 | 30 | 1,259 | 3PKT 1004 TGTC | TC093 M2,5x7 | T8 |
| S486 | ● | D26 d25 Z02 L200 3PKT 10 | 26 | 2 | 200 | 25 | 30 | 0,773 | | | |
| S487 | ● | D33 d32 Z03 L200 3PKT 10 | 33 | 3 | 200 | 32 | 40 | 0,495 | | | |

*TGTC ucuna uygundur. / Compatible with TGTC insert. / Kompatible für TGTC WP*

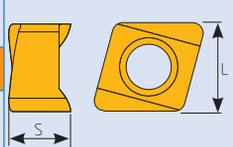
## 4NKT 0603






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | |
|---|---|
| L | S |
| 6,6 | 4,67 |

4NKT 0603



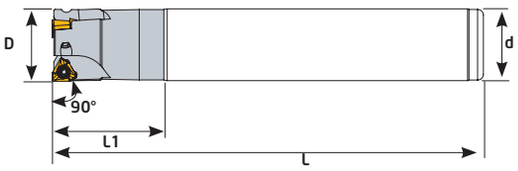

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | Z | L | d | L1 | kg | | | |
| S471 | ● | D16 d16 Z02 L120 4NKT 06 | 16 | 2 | 120 | 16 | 25 | 0,200 | 4NKT 0603 TGTC | TC064 M3x6,5 | T8 |
| S471-1 | ● | D16 d16 Z02 L150 4NKT 06 | 16 | 2 | 150 | 16 | 25 | 0,250 | | | |
| S472 | ● | D17 d16 Z02 L150 4NKT 06 | 17 | 2 | 150 | 16 | 22 | 0,241 | | | |
| S473 | ● | D20 d20 Z03 L120 4NKT 06 | 20 | 3 | 120 | 20 | 25 | 0,306 | | | |
| S474 | ● | D21 d20 Z03 L200 4NKT 06 | 21 | 3 | 200 | 20 | 25 | 0,524 | | | |
| S475 | ● | D25 d25 Z04 L120 4NKT 06 | 25 | 4 | 120 | 25 | 30 | 0,474 | | | |
| S475-1 | ● | D25 d25 Z03 L200 4NKT 06 | 25 | 3 | 200 | 25 | 30 | 0,806 | | | |
| S476 | ● | D26 d25 Z03 L200 4NKT 06 | 26 | 3 | 200 | 25 | 30 | 0,815 | | | |
| S477 | ● | D33 d32 Z04 L200 4NKT 06 | 33 | 4 | 200 | 32 | 35 | 1,327 | | | |
| S477-1 | ● | D33 d32 Z04 L220 4NKT 06 | 33 | 4 | 220 | 32 | 35 | 1,462 | | | |
| S477-2 | ● | D40 d32 Z05 L200 4NKT 06 | 40 | 5 | 200 | 32 | 40 | 1,395 | | | |

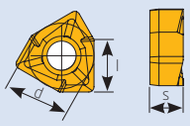
*TGTC ucuna uygundur. / Compatible with TGTC insert. / Kompatible für TGTC WP*

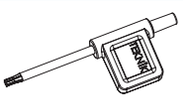
● *Stokta/ In Stock / Lager* ○ *Sınırlı Stok / Limited Stock / Begrenzte Lagerhaltung*

## XNKT 0604



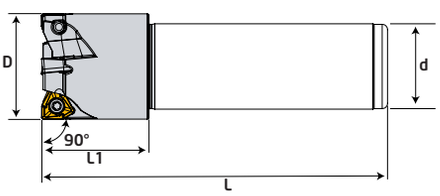

| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | | XNKT 0604 |
|---|---|---|---|
| d | l | S |  |
| 6,5 | 5,7 | 4 | |

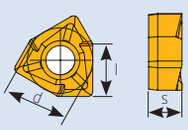
| Sipariş Kodu Order Code Best.-Nr. | Stok/Stock/Lager | Ürün Kodu Product Code Produkt-Code | Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | | | | | Kullanılan Uç Insert WSP | Sıkma Civatası Clamp Screw Torx-Schraube | Anahtar Torx Key Torx-Schlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | Z | L | d | L1 | kg |  |  |  |
| S834 | ● | D20 d20 Z02 L150 XNKT 06 | 20 | 2 | 150 | 20 | 40 | 0,365 | XNKT 0604 KRLY | TC065-1 M3x7 | T8 |
| S836 | ● | D21 d20 Z02 L150 XNKT 06 | 21 | 2 | 150 | 20 | 40 | 0,372 | | | |
| S838 | ● | D25 d25 Z03 L150 XNKT 06 | 25 | 3 | 150 | 25 | 40 | 0,572 | | | |
| S840 | ● | D26 d25 Z03 L150 XNKT 06 | 26 | 3 | 150 | 25 | 40 | 0,572 | | | |
| S841 | ● | D32 d32 Z04 L150 XNKT 06 | 32 | 4 | 150 | 32 | 40 | 0,941 | | | |
| S842 | ● | D40 d32 Z05 L130 XNKT 06 | 40 | 5 | 130 | 32 | 45 | 0,865 | | | |

*KRLY ucuna uygundur. / Compatible with KRLY insert. / Kompatible für KRLY WP*

## XNKT 0805



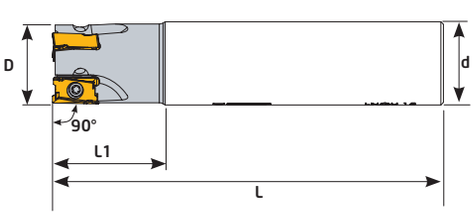

| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | | XNKT 0805 |
|---|---|---|---|
| d | l | s |  |
| 10 | 8,2 | 5,5 | |

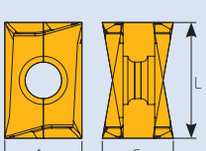
| Sipariş Kodu Order Code Best.-Nr. | Stok/Stock/Lager | Ürün Kodu Product Code Produkt-Code | Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | | | | | Kullanılan Uç Insert WSP | Sıkma Civatası Clamp Screw Torx-Schraube | Anahtar Torx Key Torx-Schlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | Z | L | d | L1 | kg |  |  |  |
| S843 | ● | D32 d32 Z03 L125 XNKT 08 | 32 | 3 | 125 | 32 | 37 | 0,817 | XNKT 0805 KRLY | TC072 M4x10 | T15 |
| S844 | ● | D40 d32 Z04 L130 XNKT 08 | 40 | 4 | 130 | 32 | 40 | 0,986 | | | |

*KRLY ucuna uygundur. / Compatible with KRLY insert. / Kompatible für KRLY WP*

## ANKX 1205





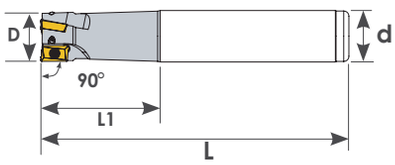

| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | | ANKX 1205 |
|---|---|---|---|
| L | S | A |  |
| 13,7 | 9,15 | 9,3 | |

| Sipariş Kodu Order Code Best.-Nr. | Stok/Stock/Lager | Ürün Kodu Product Code Produkt-Code | Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | | | | | Kullanılan Uç Insert WSP | Sıkma Civatası Clamp Screw Torx-Schraube | Anahtar Torx Key Torx-Schlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | Z | L | d | L1 | kg |  |  |  |
| S695 | ● | D32 d32 Z03 L120 ANKX 12 | 32 | 3 | 120 | 32 | 40 | 0,700 | ANKX1205 ISCR | TC074 M4x10 | T15 |

*ISCR ucuna uygundur. / Compatible with ISCR insert. / Kompatible für ISCR WP*

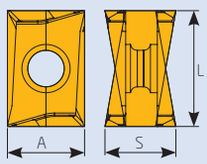
## ANHX 1004 - 1206






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | |
|---|---|---|
| A | S | L |
| 6,6<br>9 | 6,2<br>8,3 | 10<br>12 |

ANHX 1004
ANHX 1206

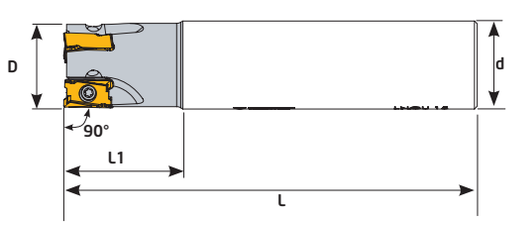



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | Z | L | d | L1 | kg | | | |
| S775 | ● | D16 d16 Z02 L090 ANHX 10 | 16 | 2 | 90 | 16 | 25 | 0,140 | ANHX 1004 PLBT | TC065 M3x7 | T8 |
| S776 | ● | D20 d20 Z02 L100 ANHX 10 | 20 | 2 | 100 | 20 | 30 | 0,247 | | | |
| S762 | ● | D25 d25 Z03 L115 ANHX 10 | 25 | 3 | 115 | 25 | 35 | 0,432 | | | |
| S763 | ● | D32 d32 Z03 L125 ANHX 10 | 32 | 3 | 125 | 32 | 40 | 0,783 | | | |
| S782 | ● | D16 d16 Z02 L160 ANHX 10 | 16 | 2 | 160 | 16 | 25 | 0,036 | | | |
| S783 | ● | D20 d20 Z03 L160 ANHX 10 | 20 | 3 | 160 | 20 | 30 | 0,058 | | | |
| S784 | ● | D25 d25 Z03 L180 ANHX 10 | 25 | 3 | 180 | 25 | 35 | 0,099 | | | |
| S785 | ● | D32 d32 Z04 L150 ANHX 10 | 32 | 4 | 150 | 32 | 40 | 0,136 | | | |
| S764 | ● | D25 d25 Z02 L110 ANHX 12 | 25 | 2 | 110 | 25 | 35 | 0,405 | ANHX 1206 PLBT | TC069 M3,5x8,5 | T10 |
| S765 | ● | D32 d32 Z03 L150 ANHX 12 | 32 | 3 | 150 | 32 | 35 | 0,922 | | | |

*PLBT ucuna uygundur. / Compatible with PLBT insert. / Kompatible für PLBT WP*

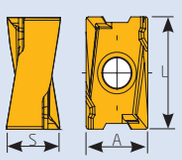
## LNGU 15T6






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | |
|---|---|---|
| L | S | A |
| 17 | 6,96 | 10 |

LNGU 15T6

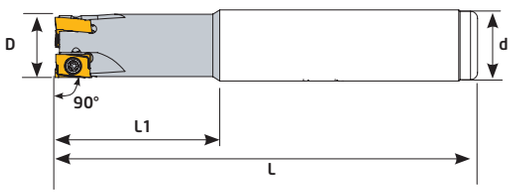


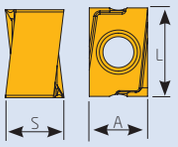

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | Z | L | d | L1 | kg | | | |
| S950 | ● | D25 d25 Z02 L150 LNGU 15 | 25 | 2 | 150 | 25 | 45 | 0,547 | LNGU 15T6 KNNMTL | TC074 M4x10 | T15 |
| S951 | ● | D32 d32 Z03 L150 LNGU 15 | 32 | 3 | 150 | 32 | 45 | 0,884 | | | |

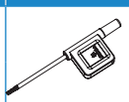
*KNNMTL ucuna uygundur. / Compatible with KNNMTL insert. / Kompatible für KNNMTL WP*

## LNMX 1006



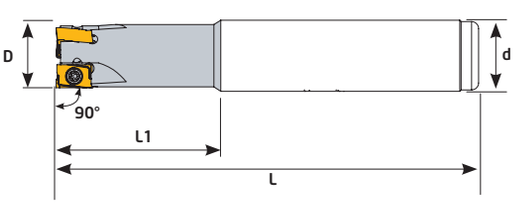

| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | LNMX 1006 |
|---|---|---|
| L | s |  |
| 10 | 6,6 | |

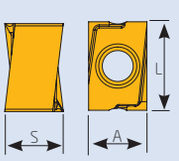
| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | Z | L | d | L1 | kg |  |  |  |
| LN096 | ○ | D16 d16 Z01 L090 LNMX 10 | 16 | 1 | 90 | 16 | 25 | 0,140 | LNMX 1006 KRLY | TC065 M3x7 | T8 |
| LN097 | ○ | D22 d20 Z02 L100 LNMX 10 | 22 | 2 | 100 | 20 | - | 0,263 | | | |
| LN098 | ○ | D24 d25 Z03 L100 LNMX 10 | 24 | 3 | 100 | 25 | 15 | 0,389 | | | |
| LN099 | ○ | D20 d20 Z02 L120 LNMX 10 | 20 | 2 | 120 | 20 | 25 | 0,292 | | | |
| LN100 | ○ | D20 d20 Z03 L120 LNMX 10 | 20 | 3 | 120 | 20 | 25 | 0,285 | | | |
| LN102 | ○ | D25 d25 Z03 L120 LNMX 10 | 25 | 3 | 120 | 25 | 40 | 0,453 | | | |
| LN103 | ○ | D32 d32 Z04 L125 LNMX 10 | 32 | 4 | 125 | 32 | 40 | 0,706 | | | |
| LN104 | ○ | D40 d32 Z05 L130 LNMX 10 | 40 | 5 | 130 | 32 | 42 | 0,857 | | | |

*KRLY ucuna uygundur. / Compatible with KRLY insert. / Kompatible für KRLY WP*

## LNMX 1510



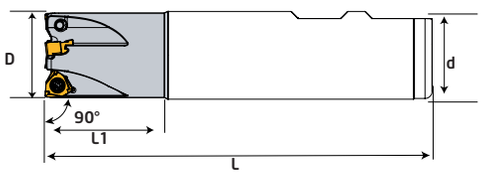

| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | | LNMX 1510 |
|---|---|---|---|
| L | S | A |  |
| 15 | 10 | 10 | |

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | Z | L | d | L1 | kg |  |  |  |
| S361 | ● | D32 d32 Z02 L150 LNMX 15 | 32 | 2 | 150 | 32 | 50 | 0,885 | LNMX 1510 KRLY | TC076 M4x12,5 | T15 |
| S362 | ● | D40 d32 Z03 L150 LNMX 15 | 40 | 3 | 150 | 32 | 50 | 0,966 | | | |

*KRLY ucuna uygundur. / Compatible with KRLY insert. / Kompatible für KRLY WP*

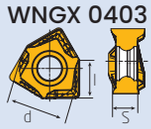
## WNGX 0403






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | |
|---|---|---|
| l | d | s |
| 4,3 | 7 | 3,46 |

WNGX 0403

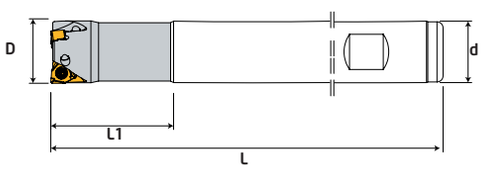



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | Z | L | d | L1 | kg | | | |
| S944 | ● | D20 d20 Z03 L110 WNGX 04 | 20 | 3 | 110 | 20 | 35 | 0,246 | WNGX 0403 KRLY | TC060 M2,5x5,5 | T8 |
| S945 | ● | D25 d25 Z04 L110 WNGX 04 | 25 | 4 | 110 | 25 | 35 | 0,380 | | | |
| S946 | ● | D32 d32 Z05 L110 WNGX 04 | 32 | 5 | 110 | 32 | 35 | 0,642 | | | |

*KRLY ucuna uygundur. / Compatible with KRLY insert. / Kompatible für KRLY WP*

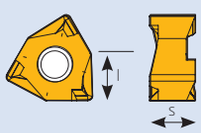
## XNEX 0403






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | |
|---|---|
| l | s |
| 4 | 3,31 |

XNEX 0403

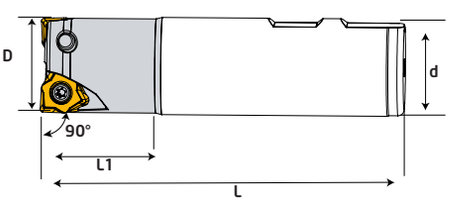



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | Z | L | d | L1 | kg | | | |
| S195 | ● | D20 d20 Z03 L150 XNEX 04 | 20 | 3 | 150 | 20 | 40 | 0,344 | XNEX 0403 SCO | TC061 M2,5x7 | T8 |
| S196 | ● | D21 d20 Z03 L150 XNEX 04 | 21 | 3 | 150 | 20 | 40 | 0,348 | | | |
| S198 | ● | D26 d25 Z04 L150 XNEX 04 | 26 | 4 | 150 | 25 | 40 | 0,535 | | | |

*SCO ucuna uygundur. / Compatible with SCO insert. / Kompatible für SCO WP*

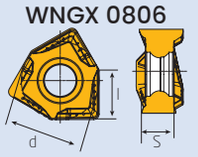
## WNGX 0806






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | |
|---|---|---|
| l | d | s |
| 8,2 | 13 | 6,4 |

WNGX 0806



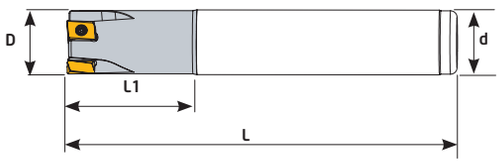

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | Z | L | d | L1 | kg | | | |
| S949 | ● | D40 d32 Z03 L120 WNGX 08 | 40 | 3 | 120 | 32 | 40 | 0,784 | WNGX 0806 KRLY | TC083 M5X12 | T20 |

*KRLY ucuna uygundur. / Compatible with KRLY insert. / Kompatible für KRLY WP*

● *Stokta/ In Stock / Lager* ○ *Sınırlı Stok / Limited Stock / Begrenzte Lagerhaltung*

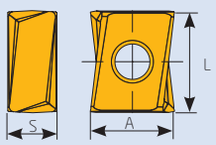
## LNMT 0804






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | |
|---|---|---|
| L | S | A |
| 8,59 | 4,24 | 7,43 |

LNMT 0804

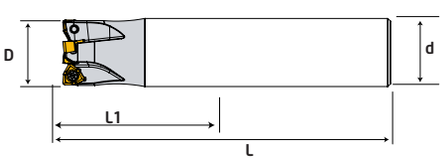



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | **Anahtar** *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | Z | L | d | L1 | kg | | | |
| S298 | ● | D16 d16 Z02 L120 LNMT 08 | 16 | 2 | 120 | 16 | 40 | 0,206 | **LNMT 0804 ISCR** | **TC061 M2,5x6,5** | **T8** |
| S299 | ● | D20 d20 Z03 L120 LNMT 08 | 20 | 3 | 120 | 20 | 40 | 0,313 | | | |
| S300 | ● | D25 d25 Z04 L120 LNMT 08 | 25 | 4 | 120 | 25 | 40 | 0,477 | | | |
| S300-1 | ● | D32 d32 Z05 L120 LNMT 08 | 32 | 5 | 120 | 32 | 40 | 0,775 | | | |
| S301 | ● | D16 d16 Z02 L150 LNMT 08 | 16 | 2 | 150 | 16 | 40 | 0,256 | | | |
| S302 | ● | D20 d20 Z03 L150 LNMT 08 | 20 | 3 | 150 | 20 | 40 | 0,391 | | | |
| S303 | ● | D25 d25 Z04 L150 LNMT 08 | 25 | 4 | 150 | 25 | 40 | 0,601 | | | |
| S303-1 | ● | D32 d32 Z05 L150 LNMT 08 | 32 | 5 | 150 | 32 | 40 | 0,978 | | | |

*ISCR ucuna uygundur. / Compatible with ISCR insert. / Kompatible für ISCR WP*

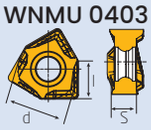
## WNMU 0403






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | |
|---|---|---|
| l | d | s |
| 4,2 | 6,7 | 3,5 |

WNMU 0403

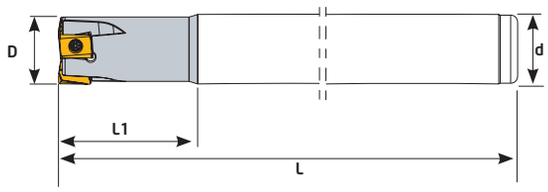



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | **Anahtar** *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | Z | L | d | L1 | kg | | | |
| S457 | ● | D20 d20 Z03 L120 WNMU 04 | 20 | 3 | 120 | 20 | 25 | 0,290 | **WNMU 0403 ISCR** | **TC060 M2,5x5,5** | **T8** |
| S458 | ● | D25 d25 Z04 L120 WNMU 04 | 25 | 4 | 120 | 25 | 30 | 0,466 | | | |
| S459 | ● | D32 d32 Z04 L120 WNMU 04 | 32 | 4 | 120 | 32 | 35 | 0,776 | | | |

*ISCR ucuna uygundur. / Compatible with ISCR insert. / Kompatible für ISCR WP*

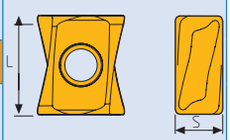
## LOEX 0804






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | |
|---|---|
| L | S |
| 9,3 | 4,4 |

LOEX 0804

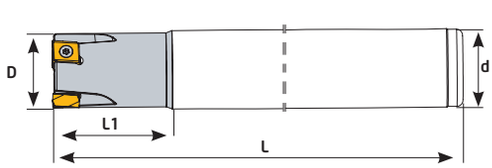



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | **Anahtar** *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | Z | L | d | L1 | kg | | | |
| S295 | ● | D20 d20 Z03 L150 LOEX 08 | 20 | 3 | 150 | 20 | 40 | 0,384 | **LOEX 0804 SCO** | **TC063 M2,5x7** | **T8** |
| S296 | ● | D25 d25 Z04 L150 LOEX 08 | 25 | 4 | 150 | 25 | 40 | 0,604 | | | |

*SCO ucuna uygundur. / Compatible with SCO insert. / Kompatible für SCO WP*

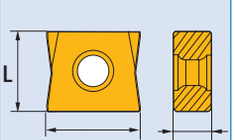
## LNHU 0904






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | |
|---|---|---|
| L | L1 | S |
| 8 | 9 | 3,5 |

LNHU 0904

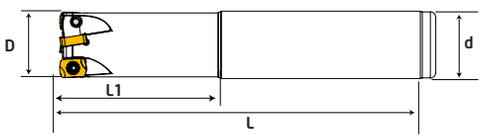



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | **Anahtar** *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | Z | L | d | L1 | kg | | | |
| S328 | ● | D25 d25 Z03 L150 LNHU 09 | 25 | 3 | 150 | 25 | 40 | 0,599 | **LNHU 0904 WLTR** | **TC065-1 M3x7** | **T8** |
| S329 | ● | D32 d32 Z04 L150 LNHU 09 | 32 | 4 | 150 | 32 | 40 | 0,972 | | | |

*WLTR ucuna uygundur. / Compatible with WLTR insert. / Kompatible für WLTR WP*

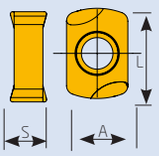
## LNMX 0603






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | |
|---|---|---|
| L | S | A |
| 10 | 6,8 | 3,6 |

LNMX 0603

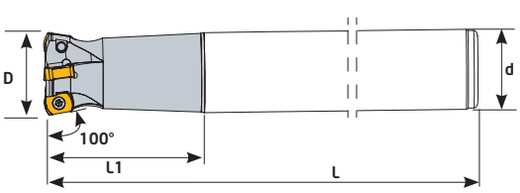



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | Z | L | d | L1 | kg | | | |
| S284 | ● | D16 d16 Z02 L110 LNMX 06 | 16 | 2 | 110 | 16 | 30 | 0,172 | LNMX 0603 KRLY | TC065-1 M3x7 | T8 |
| S285 | ● | D20 d20 Z03 L130 LNMX 06 | 20 | 3 | 130 | 20 | 50 | 0,325 | | | |
| S286 | ● | D25 d25 Z04 L140 LNMX 06 | 25 | 4 | 140 | 25 | 60 | 0,552 | | | |
| S287 | ● | D32 d32 Z05 L150 LNMX 06 | 32 | 5 | 150 | 32 | 70 | 1,516 | | | |

*KRLY ucuna uygundur. / Compatible with KRLY insert. / Kompatible für KRLY WP*

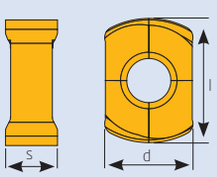
## BLMP 0603






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | |
|---|---|---|
| d | l | s |
| 6,39 | 9 | 3,73 |

BLMP 0603

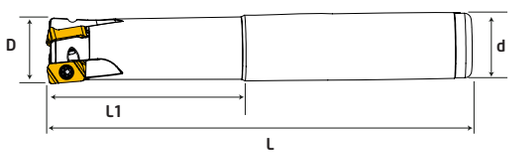



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | Z | L | d | L1 | kg | | | |
| S479 | ● | D16 d16 Z02 L150 BLMP 06 | 16 | 2 | 150 | 16 | 40 | 0,235 | BLMP 0603 TGTC | TC064 M3x6,5 | T8 |
| S478 | ● | D17 d16 Z02 L150 BLMP 06 | 17 | 2 | 150 | 16 | 40 | 0,244 | | | |
| S481 | ● | D20 d20 Z03 L150 BLMP 06 | 20 | 3 | 150 | 20 | 40 | 0,335 | | | |
| S483 | ● | D25 d20 Z04 L150 BLMP 06 | 25 | 4 | 150 | 20 | 30 | 0,28 | | | |
| S480 | ● | D21 d20 Z03 L200 BLMP 06 | 21 | 3 | 200 | 20 | 40 | 0,52 | | | |
| S482 | ● | D26 d25 Z04 L200 BLMP 06 | 26 | 4 | 200 | 25 | 40 | 0,771 | | | |

*TGTC ucuna uygundur. / Compatible with TGTC insert. / Kompatible für TGTC WP*

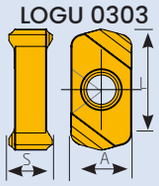
## LOGU 0303






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | |
|---|---|---|
| L | S | A |
| 11.8 | 4,9 | 6.2 |

LOGU 0303

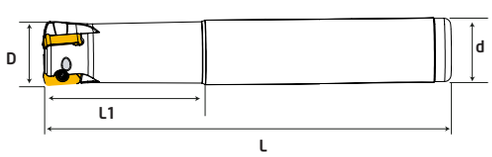



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | Z | L | d | L1 | kg | | | |
| S677 | ● | D16 d16 Z02 L150 LOGU 03 | 16 | 2 | 150 | 16 | 50 | 0,219 | LOGU 0303 KYCR | TC064-2 M3x7 | T8 |
| S678 | ● | D20 d20 Z03 L150 LOGU 03 | 20 | 3 | 150 | 20 | 60 | 0,356 | | | |
| S679 | ● | D21 d20 Z03 L150 LOGU 03 | 21 | 3 | 150 | 20 | 60 | 0,365 | | | |
| S680 | ● | D25 d25 Z04 L150 LOGU 03 | 25 | 4 | 150 | 25 | 60 | 0,579 | | | |

*KYCR ucuna uygundur. / Compatible with KYCR insert. / Kompatible für KYCR WP*

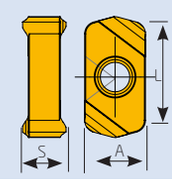
## LNMU 0303






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | |
|---|---|---|
| L | S | A |
| 11.8 | 4,1 | 6 |

LNMU 0303

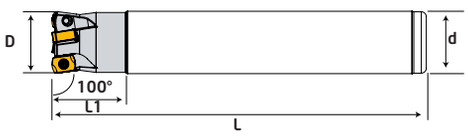



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | Z | L | d | L1 | kg | | | |
| S671 | ● | D16 d16 Z02 L150 LNMU 03 | 16 | 2 | 150 | 16 | 50 | 0,233 | LNMU 0303 TNGLY - OKE | TC063 M2,5x7 | T8 |
| S672 | ● | D17 d16 Z02 L150 LNMU 03 | 17 | 2 | 150 | 16 | 40 | 0,241 | | | |
| S673 | ● | D20 d20 Z03 L150 LNMU 03 | 20 | 3 | 150 | 20 | 50 | 0,381 | | | |
| S674 | ● | D21 d20 Z03 L150 LNMU 03 | 21 | 3 | 150 | 20 | 50 | 0,389 | | | |
| S675 | ● | D25 d25 Z04 L150 LNMU 03 | 25 | 4 | 150 | 25 | 60 | 0,589 | | | |

*TNGLY - OKE ucuna uygundur. / Compatible with TNGLY - OKE insert. / Kompatible für TNGLY - OKE WP*

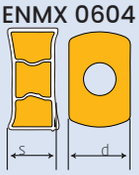
## ENMX 0604






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | |
|---|---|
| d | s |
| 6,30 | 4,11 |

ENMX 0604

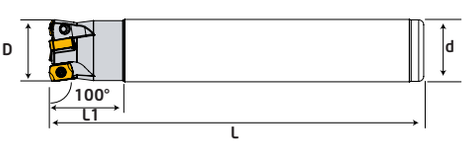



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | Z | L | d | L1 | kg | | | |
| S105 | ● | D16 d16 Z02 L100 ENMX 06 | 16 | 2 | 100 | 16 | 30 | 0,146 | ENMX 0604 YG1 | TC063 M2,5x7 | T8 |
| S106 | ● | D16 d16 Z02 L150 ENMX 06 | 16 | 2 | 150 | 16 | 50 | 0,228 | | | |
| S107 | ● | D17 d16 Z02 L150 ENMX 06 | 17 | 2 | 150 | 16 | 20 | 0,242 | | | |
| S108 | ● | D20 d20 Z03 L130 ENMX 06 | 20 | 3 | 130 | 20 | 50 | 0,316 | | | |
| S109 | ● | D20 d20 Z03 L160 ENMX 06 | 20 | 3 | 160 | 20 | 80 | 0,382 | | | |
| S110 | ● | D21 d20 Z03 L150 ENMX 06 | 21 | 3 | 150 | 20 | 20 | 0,391 | | | |
| S111 | ● | D25 d25 Z04 L140 ENMX 06 | 25 | 4 | 140 | 25 | 60 | 0,538 | | | |
| S112 | ● | D25 d25 Z04 L180 ENMX 06 | 25 | 4 | 180 | 25 | 80 | 0,696 | | | |
| S113 | ● | D26 d25 Z04 L150 ENMX 06 | 26 | 4 | 150 | 25 | 30 | 0,612 | | | |
| S114 | ● | D32 d32 Z05 L150 ENMX 06 | 32 | 5 | 150 | 32 | 70 | 0,963 | | | |
| S115 | ● | D32 d32 Z05 L200 ENMX 06 | 32 | 5 | 200 | 32 | 70 | 0,963 | | | |

*YG1 ucuna uygundur. / Compatible with YG1 insert. / Kompatible für YG1 WP*

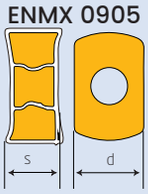
## ENMX 0905






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | |
|---|---|
| d | s |
| 9 | 5,4 |

ENMX 0905

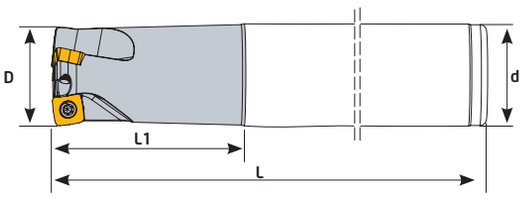



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | Z | L | d | L1 | kg | | | |
| S934 | ● | D25 d25 Z02 L150 ENMX 09 | 25 | 2 | 150 | 25 | 70 | 0,576 | ENMX 0905 YG1 | TC069 M3,5x8,5 | T15 |
| S935 | ● | D32 d32 Z03 L160 ENMX 09 | 32 | 3 | 160 | 32 | 70 | 1,015 | | | |
| S936 | ● | D40 d32 Z05 L180 ENMX 09 | 40 | 5 | 180 | 32 | 40 | 1,308 | | | |

*YG1 ucuna uygundur. / Compatible with YG1 insert. / Kompatible für YG1 WP*

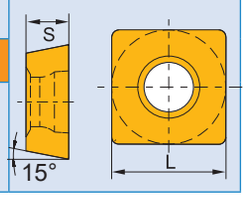
## SDMT 09T3






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | |
|---|---|
| L | S |
| 9,52 | 3,97 |

SDMT 09T3

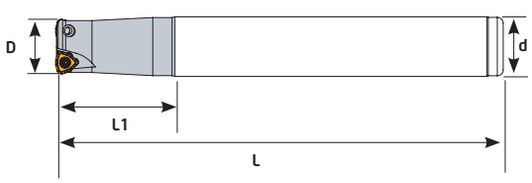



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | Z | L | d | L1 | kg | | | |
| S395 | ● | D25 d25 Z02 L150 SDMT 09 | 25 | 2 | 150 | 25 | 60 | 0,573 | SDMT 09T3 ZCC | TC067 M3,5x8,5 | T15 |
| S396 | ● | D32 d32 Z03 L150 SDMT 09 | 32 | 3 | 150 | 32 | 60 | 0,934 | | | |

*ZCC ucuna uygundur. / Compatible with ZCC insert. / Kompatible für ZCC WP*

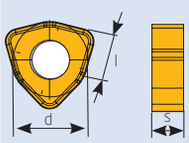
## WNMX 0603






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | |
|---|---|---|
| D | I | S |
| 6,35 | 4,28 | 3,18 |

WNMX 0603



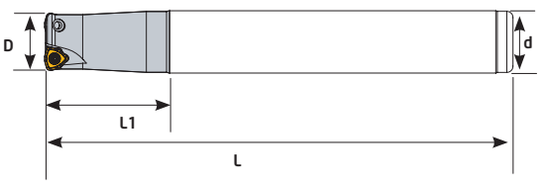

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | Z | L | d | L1 | kg | | | |
| S898 | ● | D16 d16 Z02 L150 WNMX 06 | 16 | 2 | 150 | 16 | 40 | 0,241 | WNMX 0603 KRLY | TC061 M2,5x6,5 | T8 |
| S899 | ● | D20 d20 Z02 L150 WNMX 06 | 20 | 2 | 150 | 20 | 40 | 0,378 | | | |
| S903 | ● | D17 d16 Z02 L150 WNMX 06 | 17 | 2 | 150 | 16 | 40 | 0,240 | | | |
| S904 | ● | D21 d20 Z02 L150 WNMX 06 | 21 | 2 | 150 | 20 | 40 | 0,379 | | | |
| S905 | ● | D25 d25 Z03 L150 WNMX 06 | 25 | 3 | 150 | 25 | 60 | 0,578 | | | |
| S906 | ● | D26 d25 Z04 L150 WNMX 06 | 26 | 4 | 150 | 25 | 60 | 0,582 | | | |

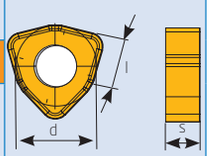
*KRLY ucuna uygundur. / Compatible with KRLY insert. / Kompatible für KRLY WP*

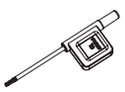
● *Stokta/ In Stock / Lager* ○ *Sınırlı Stok / Limited Stock / Begrenzte Lagerhaltung*

## WNMX 09T3





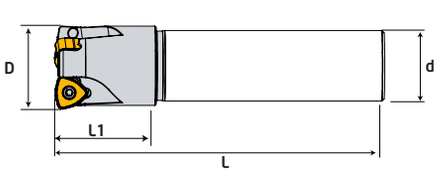

| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | | WNMX 09T3 |
|---|---|---|---|
| D | l | S |  |
| 9,52 | 6,8 | 3,97 | |

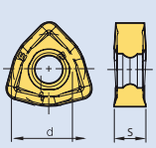
| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | Z | L | d | L1 | kg |  |  |  |
| S802 | ● | D25 d25 Z02 L150 WNMX 09 | 25 | 2 | 150 | 25 | 60 | 0,563 | WNMX 09T3 KRLY | TC065 M3x7 | T8 |
| S803 | ● | D26 d25 Z02 L140 WNMX 09 | 26 | 2 | 140 | 25 | 60 | 0,477 | | | |
| S804 | ● | D30 d25 Z03 L150 WNMX 09 | 30 | 3 | 150 | 25 | 60 | 0,590 | | | |
| S805 | ● | D32 d32 Z03 L150 WNMX 09 | 32 | 3 | 150 | 32 | 70 | 0,841 | | | |
| S806 | ● | D33 d32 Z03 L150 WNMX 09 | 33 | 3 | 150 | 32 | 70 | 0,854 | | | |
| S807 | ● | D40 d32 Z04 L150 WNMX 09 | 40 | 4 | 150 | 32 | 60 | 0,974 | | | |

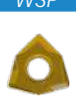
*KRLY ucuna uygundur. / Compatible with KRLY insert. / Kompatible für KRLY WP*

## WNMX 1305



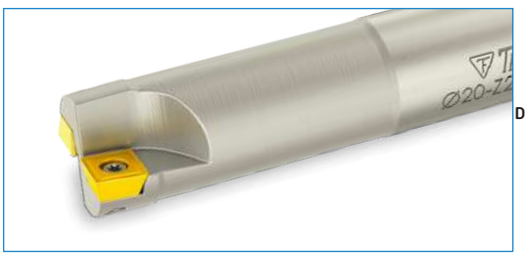


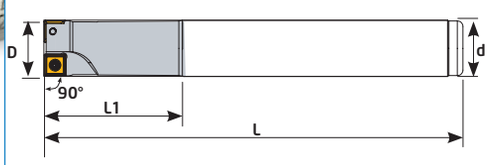

| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | WNMX 1305 |
|---|---|---|
| d | s |  |
| 12,7 | 5,56 | |

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | Z | L | d | L1 | kg |  |  |  |
| S800 | ● | D32 d32 Z02 L120 WNMX 13 | 32 | 2 | 120 | 32 | 70 | 0,933 | WNMX 1305 KRLY | TC074 M4x10 | T15 |
| S801 | ● | D40 d32 Z03 L150 WNMX 13 | 40 | 3 | 150 | 32 | 50 | 1,069 | | | |

*KRLY ucuna uygundur. / Compatible with KRLY insert. / Kompatible für KRLY WP*

## SPMG 0502 - 0602 - 07T3 - 0904






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | SPMG 0502 |
|---|---|---|
| L | s | |
| 5 | 2,38 | SPMG 0602 |
| 6 | | |

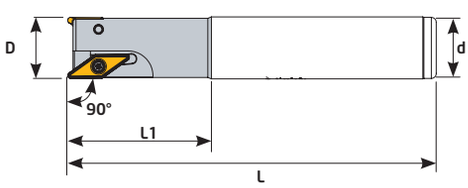
| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | SPMG 07T3 |
|---|---|---|
| L | s | |
| 7,94 | 3,97 | SPMG 0904 |
| 9,8 | 4,3 | |

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | Z | L | d | L1 | kg | | | |
| S810 | ● | D013 d14 Z02 L120 SPMG 05 | 13 | 2 | 120 | 14 | 40 | 0,147 | SPMG 0502 TGTC | TC058 M2x4,2 | T6 |
| S812 | ● | D13,5 d14 Z02 L120 SPMG 05 | 13,5 | 2 | 120 | 14 | 40 | 0,149 | | | |
| S814 | ● | D014 d14 Z02 L120 SPMG 06 | 14 | 2 | 120 | 14 | 40 | 0,148 | SPMG 0602 TGTC | TC059 M2,2x5 | T7 |
| S818 | ● | D015 d16 Z02 L120 SPMG 06 | 15 | 2 | 120 | 16 | 40 | 0,186 | | | |
| S822 | ● | D016 d16 Z02 L120 SPMG 06 | 16 | 2 | 120 | 16 | 40 | 0,194 | | | |
| S824 | ● | D020 d20 Z02 L150 SPMG 07 | 20 | 2 | 150 | 20 | 50 | 0,198 | SPMG 07T3 TGTC | TC063 M2,5x7 | T8 |
| S826 | ● | D20,5 d20 Z02 L120 SPMG 07 | 20,5 | 2 | 120 | 20 | 50 | 0,290 | | | |
| S828 | ● | D025 d25 Z02 L150 SPMG 09 | 25 | 2 | 150 | 25 | 50 | 0,567 | SPMG 0904 TGTC | TC067 M3,5x8,5 | T15 |
| S830 | ● | D032 d32 Z03 L150 SPMG 09 | 32 | 3 | 150 | 32 | 40 | 0,908 | | | |

*TGTC ucuna uygundur. / Compatible with TGTC insert. / Kompatible für TGTC WP*

## VCGT 1604



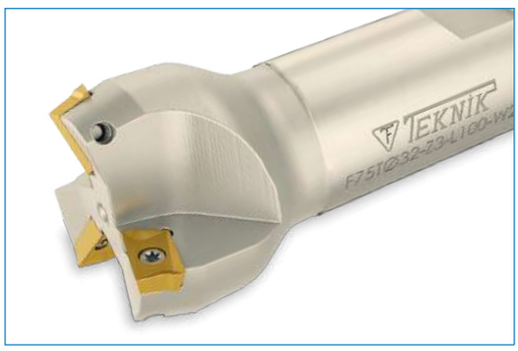


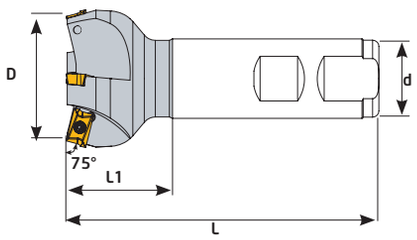

| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | VCGT 1604 |
|---|---|---|
| L | S | |
| 16,6 | 4,76 | |

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | Z | L | d | L1 | kg | | | |
| S710 | ● | D25 d25 Z02 L150 VCGT 16 | 25 | 2 | 150 | 25 | 50 | 0,518 | VCGT 1604 ISO | TC074 M4x10 | T15 |
| S712 | ● | D32 d32 Z02 L150 VCGT 16 | 32 | 2 | 150 | 32 | 60 | 0,852 | | | |
| S714 | ● | D40 d32 Z03 L150 VCGT 16 | 40 | 3 | 150 | 32 | 60 | 0,951 | | | |
| S718 | ● | D25 d25 Z02 L200 VCGT 16 | 25 | 2 | 200 | 25 | 60 | 0,730 | | | |
| S720 | ● | D32 d32 Z02 L200 VCGT 16 | 32 | 2 | 200 | 32 | 60 | 1,225 | | | |
| S724 | ● | D25 d25 Z02 L250 VCGT 16 | 25 | 2 | 250 | 25 | 60 | 0,920 | | | |
| S726 | ● | D32 d32 Z02 L250 VCGT 16 | 32 | 2 | 250 | 32 | 60 | 1,250 | | | |

● *Stokta/ In Stock / Lager* ○ *Sınırlı Stok / Limited Stock / Begrenzte Lagerhaltung*

## F75° APXT 1003





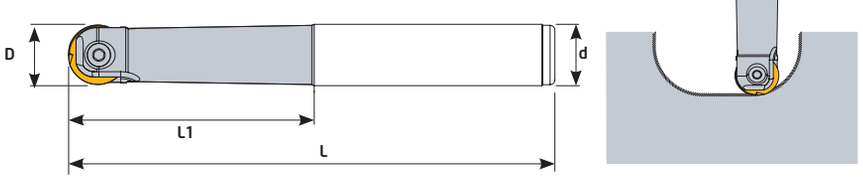

| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | APXT 1003 |
|---|---|---|
| L | s | |
| 10,5 | 3,52 | |

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | Z | L | d | L1 | kg | | | |
| S344 | ● | D32 d25 Z03 L100 APKT 10 | 32 | 3 | 100 | 25 | 35 | 0,413 | APKT 1003 KRLY | TC060 M2,5x5,5 | T8 |
| S346 | ● | D40 d25 Z04 L100 APKT 10 | 40 | 4 | 100 | 25 | 35 | 0,494 | | | |
| S348 | ● | D45 d25 Z04 L100 APKT 10 | 45 | 4 | 100 | 25 | 35 | 0,535 | | | |
| S350 | ● | D50 d25 Z05 L100 APKT 10 | 50 | 5 | 100 | 25 | 35 | 0,583 | | | |

*KRLY ucuna uygundur. / Compatible with KRLY insert. / Kompatible für KRLY WP*

## Küre Uçlu Freze
## Indexable Ball Nose End Mill



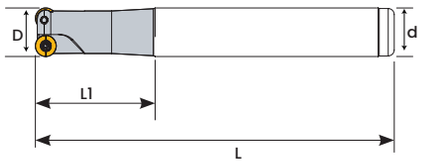



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | L | d | L1 | kg | | | |
| S370 | ● | D08 d10 L130 P32-08 | 8 | 130 | 10 | 36 | 0,092 | P32 08 WLTR | TC170 M3 | T8 |
| S372 | ● | D10 d12 L130 P32-10 | 10 | 130 | 12 | 46 | 0,118 | P32 10 WLTR | TC172 M4 | T15 |
| S374 | ● | D12 d12 L150 P32-12 | 12 | 150 | 12 | 46 | 0,142 | P32 12 WLTR | TC174 M5 | T20 |
| S376 | ● | D16 d16 L175 P32-16 | 16 | 175 | 16 | 46 | 0,270 | P32 16 WLTR | TC176 M5 | T20 |
| S378 | ● | D20 d20 L200 P32-20 | 20 | 200 | 20 | 56 | 0,505 | P32 20 WLTR | TC178 M5 | T20 |
| S380 | ● | D25 d25 L200 P32-25 | 25 | 200 | 25 | 66 | 0,745 | P32 25 WLTR | TC181 M6 | 3 Allen |
| S381 | ● | D30 d32 L200 P32-30 | 30 | 200 | 32 | 66 | 1,148 | P32 30 WLTR | TC184 M8 | 4 Allen |
| S382 | ● | D32 d32 L200 P32-32 | 32 | 200 | 32 | 66 | 1,150 | P32 32 WLTR | TC184 M8 | 4 Allen |

*WLTR ucuna uygundur. / Compatible with WLTR insert. / Kompatible für WLTR WP*

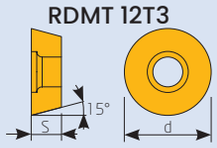
## RDMT 1003-12T3

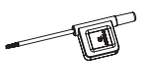





| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | |
|---|---|
| d | S |
| 10 | 3,18 |
| 12 | 3,97 |

RDMT 1003
RDMT 12T3

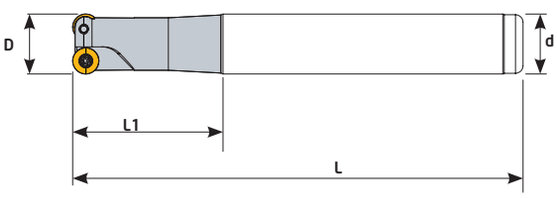



| Sipariş Kodu Order Code Best.-Nr. | Stok/Stock/Lager | Ürün Kodu Product Code Produkt-Code | Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | | | | | Kullanılan Uç Insert WSP | Sıkma Civatası Clamp Screw Torx-Schraube | Anahtar Torx Key Torx-Schlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | Z | L | d | L1 | kg |  |  |  |
| S771 | ● | D20 - Z02 L160 RDMT 10 | 20 | 2 | 160 | 20 | 60 | 0,359 | RDMT 1003 PLBT | TC071 M3,5x7 | T15 |
| S772 | ● | D20 - Z02 L220 RDMT 10 | 20 | 2 | 220 | 25 | 120 | 0,658 | | | |
| S773 | ● | D25 - Z02 L220 RDMT 12 | 25 | 2 | 220 | 25 | 120 | 0,741 | RDMT 12T3 PLBT | TC067 M3,5x8,5 | |
| S774 | ● | D25 - Z02 L230 RDMT 12 | 25 | 2 | 230 | 32 | 130 | 1,099 | | | |

*PLBT ucuna uygundur. / Compatible with PLBT insert. / Kompatible für PLBT WP*

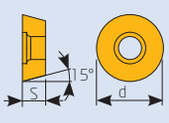
## RDMW 0501

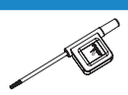





| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | |
|---|---|
| L | S |
| 5 | 1,5 |

RDMW 0501

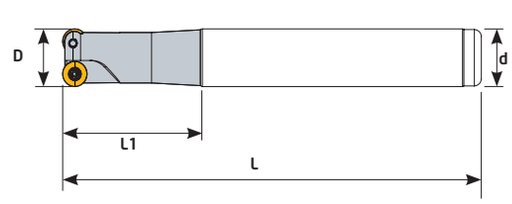



| Sipariş Kodu Order Code Best.-Nr. | Stok/Stock/Lager | Ürün Kodu Product Code Produkt-Code | Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | | | | | Kullanılan Uç Insert WSP | Sıkma Civatası Clamp Screw Torx-Schraube | Anahtar Torx Key Torx-Schlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | Z | L | d | L1 | kg |  |  |  |
| R080 | ● | D08 d10 Z01 L080 RDMW 05 | 8 | 1 | 80 | 10 | 27 | 0,053 | RDMW 0501 TGTC | TC058 M2x4,2 | T6 |
| R082 | ● | D10 d12 Z02 L080 RDMW 05 | 10 | 2 | 80 | 12 | 34 | 0,076 | | | |
| R083 | ● | D10 d12 Z02 L100 RDMW 05 | 10 | 2 | 100 | 12 | 40 | 0,085 | | | |
| R084 | ● | D10 d12 Z02 L120 RDMW 05 | 10 | 2 | 120 | 12 | 45 | 0,111 | | | |
| R086 | ● | D12 d12 Z02 L100 RDMW 05 | 12 | 2 | 100 | 12 | 40 | 0,099 | | | |
| R088 | ● | D12 d12 Z02 L120 RDMW 05 | 12 | 2 | 120 | 12 | 45 | 0,118 | | | |

*TGTC ucuna uygundur. / Compatible with TGTC insert. / Kompatible für TGTC WP*

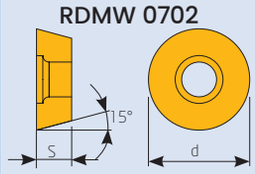
## RDMW 0702






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | |
|---|---|
| L | S |
| 7 | 2,38 |

RDMW 0702



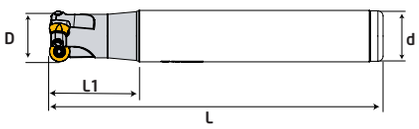

| Sipariş Kodu Order Code Best.-Nr. | Stok/Stock/Lager | Ürün Kodu Product Code Produkt-Code | Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | | | | | Kullanılan Uç Insert WSP | Sıkma Civatası Clamp Screw Torx-Schraube | Anahtar Torx Key Torx-Schlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | Z | L | d | L1 | kg |  |  |  |
| R136 | ● | D15 d16 Z02 L120 RDMW 07 | 15 | 2 | 120 | 16 | 40 | 0,187 | RDMW 0702 TGTC | TC060 M2,5x5,5 | T8 |
| R138 | ● | D16 d16 Z02 L120 RDMW 07 | 16 | 2 | 120 | 16 | 40 | 0,148 | | | |
| R142 | ● | D20 d20 Z03 L120 RDMW 07 | 20 | 3 | 120 | 20 | 45 | 0,278 | | | |
| R143 | ● | D15 d16 Z02 L150 RDMW 07 | 15 | 2 | 150 | 16 | 50 | 0,228 | | | |
| R144 | ● | D16 d16 Z02 L150 RDMW 07 | 16 | 2 | 150 | 16 | 60 | 0,230 | | | |
| R148 | ● | D20 d20 Z03 L150 RDMW 07 | 20 | 3 | 150 | 20 | 60 | 0,354 | | | |

*TGTC ucuna uygundur. / Compatible with TGTC insert. / Kompatible für TGTC WP*

● *Stokta/ In Stock / Lager* ○ *Sınırlı Stok / Limited Stock / Begrenzte Lagerhaltung*

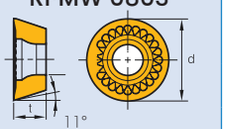
## RPMW 0803






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | |
|---|---|
| t | d |
| 3,18 | 8 |

RPMW 0803

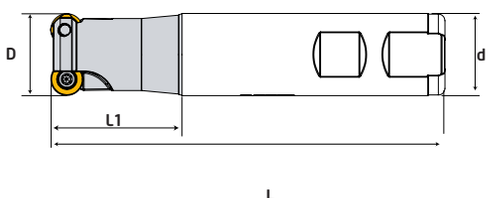



| Sipariş Kodu Order Code Best.-Nr. | Stok/Stock/Lager | Ürün Kodu Product Code Produkt-Code | Ölçüler (mm) Dimensions(mm) Abmessungen (mm) D | Z | L | d | L1 | kg | Kullanılan Uç Insert WSP | Sıkma Civatası Clamp Screw Torx-Schraube | Anahtar Torx Key Torx-Schlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|
| R310 | ● | D16 d16 Z02 L130 RPMW 08 | 16 | 2 | 130 | 16 | 35 | 0,198 | RPMW 0803 KRLY | TC065-1 M3x7 | T8 |
| R311 | ● | D18 d16 Z02 L150 RPMW 08 | 18 | 2 | 150 | 16 | 35 | 0,240 | | | |
| R312 | ● | D20 d20 Z03 L130 RPMW 08 | 20 | 3 | 130 | 20 | 35 | 0,316 | | | |
| R313 | ● | D25 d25 Z04 L150 RPMW 08 | 25 | 4 | 150 | 25 | 35 | 0,591 | | | |

*KRLY ucuna uygundur. / Compatible with KRLY insert. / Kompatible für KRLY WP*

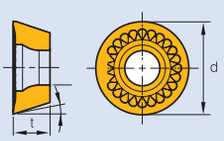
## RPMW 10T3






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | |
|---|---|
| t | d |
| 3,97 | 10 |

RPMW 10T3

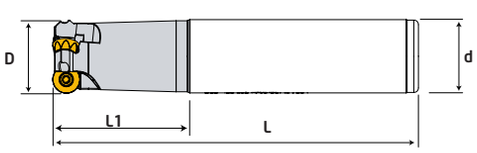



| Sipariş Kodu Order Code Best.-Nr. | Stok/Stock/Lager | Ürün Kodu Product Code Produkt-Code | Ölçüler (mm) Dimensions(mm) Abmessungen (mm) D | Z | L | d | L1 | kg | Kullanılan Uç Insert WSP | Sıkma Civatası Clamp Screw Torx-Schraube | Anahtar Torx Key Torx-Schlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|
| R316 | ● | D20 d20 Z02 L120 RPMW 10 | 20 | 2 | 120 | 20 | 40 | 0,282 | RPMW 10T3 KRLY | TC071 M3,5x7 | T15 |
| R317 | ● | D25 d25 Z02 L120 RPMW 10 | 25 | 2 | 120 | 25 | 40 | 0,447 | | TC067 M3,5x8,5 | |
| R318 | ● | D25 d25 Z02 L160 RPMW 10 | 25 | 2 | 160 | 25 | 60 | 0,617 | | | |
| R319 | ● | D32 d32 Z04 L125 RPMW 10 | 32 | 4 | 125 | 32 | 40 | 0,792 | | | |
| R320 | ● | D32 d25 Z04 L200 RPMW 10 | 32 | 4 | 200 | 25 | 60 | 0,891 | | | |
| R321 | ● | D40 d32 Z04 L150 RPMW 10 | 40 | 4 | 150 | 32 | 35 | 1,071 | | | |

*KRLY ucuna uygundur. / Compatible with KRLY insert. / Kompatible für KRLY WP*

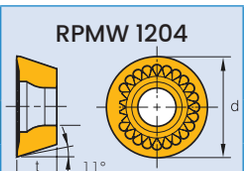
## RPMW 1204






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | |
|---|---|
| t | d |
| 4,76 | 12 |

RPMW 1204

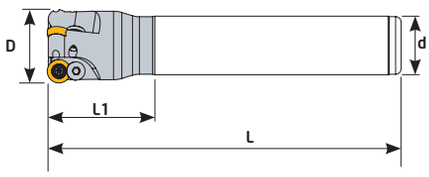



| Sipariş Kodu Order Code Best.-Nr. | Stok/Stock/Lager | Ürün Kodu Product Code Produkt-Code | Ölçüler (mm) Dimensions(mm) Abmessungen (mm) D | Z | L | d | L1 | kg | Kullanılan Uç Insert WSP | Sıkma Civatası Clamp Screw Torx-Schraube | Anahtar Torx Key Torx-Schlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|
| R325 | ● | D25 d25 Z02 L160 RPMW 12 | 25 | 2 | 160 | 25 | 60 | 0,607 | RPMW 1204 KRLY | TC073 M4x7 | T15 |
| R326 | ● | D32 d32 Z03 L160 RPMW 12 | 32 | 3 | 160 | 32 | 60 | 1,017 | | | |
| R327 | ● | D40 d32 Z04 L150 RPMW 12 | 40 | 4 | 150 | 32 | 35 | 1,056 | | | |

*KRLY ucuna uygundur. / Compatible with KRLY insert. / Kompatible für KRLY WP*

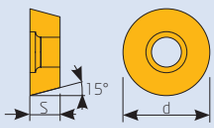
## RDMT 1003






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | |
|---|---|
| L | S |
| 10 | 3,18 |

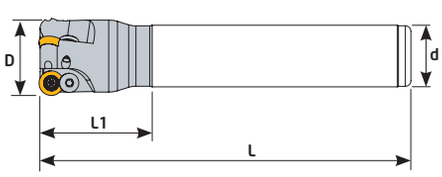
RDMT 1003




| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Baskı Civatası *Locking Screw Verriegelungs Schraube* | Anahtar *Torx Key Torx-Schlüs-sel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | Z | L | d | L1 | kg | | | | |
| R190 | ● | D20 d20 Z02 L120 RDMT 10 | 20 | 2 | 120 | 20 | 55 | 0,265 | RDMT 1003 ISO | TC071 M3,5x7 | TC040 M3,5 | T15 |
| R192 | ● | D25 d25 Z02 L120 RDMT 10 | 25 | 2 | 120 | 25 | 50 | 0,435 | | | | |
| R193 | ● | D30 d25 Z03 L120 RDMT 10 | 30 | 3 | 120 | 25 | 40 | 0,468 | | | | |
| R194 | ● | D32 d25 Z03 L120 RDMT 10 | 32 | 3 | 120 | 25 | 40 | 0,484 | | | | |
| R196 | ● | D35 d25 Z03 L120 RDMT 10 | 35 | 3 | 120 | 25 | 45 | 0,508 | | | | |
| R198 | ● | D40 d25 Z04 L120 RDMT 10 | 40 | 4 | 120 | 25 | 45 | 0,558 | | | | |
| R200 | ● | D20 d20 Z02 L150 RDMT 10 | 20 | 2 | 150 | 20 | 60 | 0,336 | | | | |
| R202 | ● | D25 d25 Z02 L150 RDMT 10 | 25 | 2 | 150 | 25 | 60 | 0,544 | | | | |
| R203 | ● | D30 d25 Z03 L150 RDMT 10 | 30 | 3 | 150 | 25 | 40 | 0,586 | | | | |
| R204 | ● | D32 d32 Z03 L150 RDMT 10 | 32 | 3 | 150 | 32 | 45 | 0,898 | RDMT 1003 ISO | TC067 M3,5x8,5 | TC040 M3,5 | T15 |
| R206 | ● | D35 d32 Z03 L150 RDMT 10 | 35 | 3 | 150 | 32 | 45 | 0,923 | | | | |
| R208 | ● | D40 d32 Z04 L150 RDMT 10 | 40 | 4 | 150 | 32 | 45 | 0,967 | | | | |
| R210 | ● | D20 d20 Z02 L200 RDMT 10 | 20 | 2 | 200 | 20 | 80 | 0,477 | | | | |
| R212 | ● | D25 d25 Z02 L200 RDMT 10 | 25 | 2 | 200 | 25 | 70 | 0,747 | | | | |
| R213 | ● | D30 d25 Z03 L200 RDMT 10 | 30 | 3 | 200 | 25 | 40 | 0,789 | | | | |
| R214 | ● | D32 d32 Z03 L200 RDMT 10 | 32 | 3 | 200 | 32 | 45 | 1,273 | | | | |
| R216 | ● | D35 d32 Z03 L200 RDMT 10 | 35 | 3 | 200 | 32 | 45 | 1,227 | | | | |
| R218 | ● | D40 d32 Z04 L200 RDMT 10 | 40 | 4 | 200 | 32 | 45 | 1,281 | | | | |

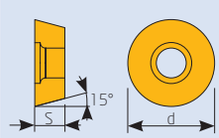
## RDMT 12T3






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | |
|---|---|
| L | S |
| 12 | 3,97 |

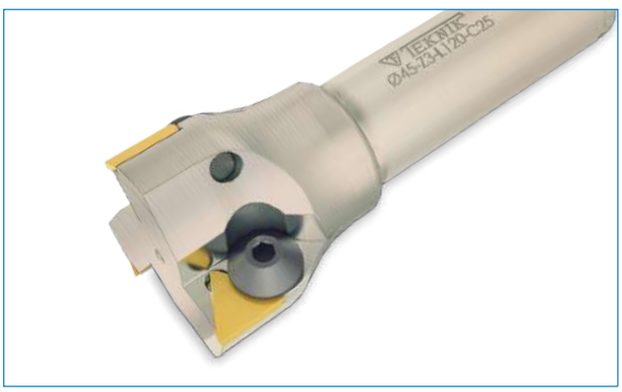
RDMT 12T3

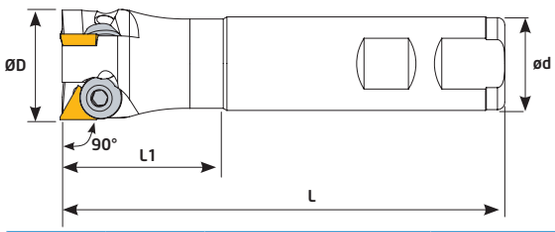



| | | | D | Z | L | d | L1 | kg | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| R228 | ● | D25 d25 Z02 L120 RDMT 12 | 25 | 2 | 120 | 25 | 50 | 0,422 | RDMT 12T3 ISO | TC067 M3,5x8,5 | TC040 M3,5 | T15 |
| R229 | ● | D30 d25 Z02 L120 RDMT 12 | 30 | 2 | 120 | 25 | 40 | 0,456 | | | | |
| R230 | ● | D32 d25 Z03 L120 RDMT 12 | 32 | 3 | 120 | 25 | 40 | 0,473 | | | | |
| R232 | ● | D35 d25 Z03 L120 RDMT 12 | 35 | 3 | 120 | 25 | 40 | 0,485 | | | | |
| R234 | ● | D40 d25 Z03 L120 RDMT 12 | 40 | 3 | 120 | 25 | 40 | 0,513 | | | | |
| R236 | ● | D25 d25 Z02 L150 RDMT 12 | 25 | 2 | 150 | 25 | 60 | 0,539 | | | | |
| R237 | ● | D30 d25 Z02 L150 RDMT 12 | 30 | 2 | 150 | 25 | 55 | 0,536 | | | | |
| R238 | ● | D32 d32 Z03 L150 RDMT 12 | 32 | 3 | 150 | 32 | 45 | 0,876 | | | | |
| R240 | ● | D35 d32 Z03 L150 RDMT 12 | 35 | 3 | 150 | 32 | 45 | 0,900 | | | | |
| R242 | ● | D40 d32 Z03 L150 RDMT 12 | 40 | 3 | 150 | 32 | 45 | 0,956 | | | | |
| R244 | ● | D25 d25 Z02 L200 RDMT 12 | 25 | 2 | 200 | 25 | 70 | 0,740 | | | | |
| R245 | ● | D30 d25 Z02 L200 RDMT 12 | 30 | 2 | 200 | 25 | 55 | 0,784 | | | | |
| R246 | ● | D32 d32 Z03 L200 RDMT 12 | 32 | 3 | 200 | 32 | 45 | 1,201 | | | | |
| R248 | ● | D35 d32 Z03 L200 RDMT 12 | 35 | 3 | 200 | 32 | 45 | 1,226 | | | | |
| R250 | ● | D40 d32 Z03 L200 RDMT 12 | 40 | 3 | 200 | 32 | 45 | 1,287 | | | | |
| R255 | ● | D30 d25 Z02 L300 RDMT 12 | 30 | 2 | 300 | 25 | 55 | 1,168 | | | | |
| R256 | ● | D32 d32 Z03 L300 RDMT 12 | 32 | 3 | 300 | 32 | 70 | 1,829 | | | | |
| R258 | ● | D35 d32 Z03 L300 RDMT 12 | 35 | 3 | 300 | 32 | 45 | 1,855 | | | | |
| R260 | ● | D40 d32 Z03 L300 RDMT 12 | 40 | 3 | 300 | 32 | 45 | 1,995 | | | | |

● *Stokta/ In Stock / Lager* ○ *Sınırlı Stok / Limited Stock / Begrenzte Lagerhaltung*

## TPKN 1103 - 1603 - 2204






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | TPKN 1103 | TPKN 2204 |
|---|---|---|---|
| L | S | TPKN 1603 | |
| 11 | 3,18 | | |
| 12,7 | | | |
| 22 | 4,76 | | |

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Kullanılan Uç *Insert WSP* | Baskı Civatası *Locking Screw Verriegelungsschraub* | Anahtar *Allen Key Inbuss-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | ØD | Z | L | ød | L1 | kg | | | |
| S116 | ● | D22 d20 Z02 L120 TPKN 11 | 22 | 2 | 120 | 20 | 45 | 0,301 | TPKN 1103 ISO | TC050 M6x14 | 3 Allen |
| S118 | ● | D25 d25 Z02 L120 TPKN 11 | 25 | 2 | 120 | 25 | 45 | 0,438 | | | |
| S124 | ● | D32 d25 Z03 L120 TPKN 11 | 32 | 3 | 120 | 25 | 45 | 0,480 | | | |
| S128 | ● | D35 d25 Z02 L120 TPKN 16 | 35 | 2 | 120 | 25 | 45 | 0,507 | TPKN 1603 ISO | TC052 M6x17 | 4 Allen |
| S130 | ● | D40 d25 Z03 L120 TPKN 16 | 40 | 3 | 120 | 25 | 45 | 0,552 | | | |
| S132 | ● | D45 d25 Z03 L120 TPKN 16 | 45 | 3 | 120 | 25 | 45 | 0,606 | | | |
| S134 | ● | D50 d32 Z03 L120 TPKN 22 | 50 | 3 | 120 | 32 | 55 | 0,896 | TPKN 2204 ISO | TC054 M8x24 | 5 Allen |

*TPKN 1103-1603-2204 ISO'dur. / TPKN 1103-1603-2204 is ISO. / Kompatible für ISO WP*

TEKNİK
Cutting Tools

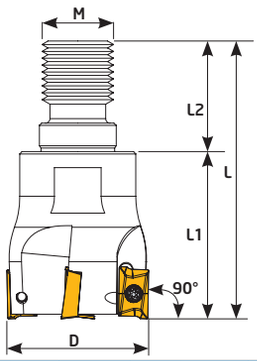
# Vidalı Takımları
# Modular End Mill
# Einschraubfräser

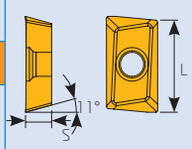



**Technical Solution for Quality**

## APXT 1003





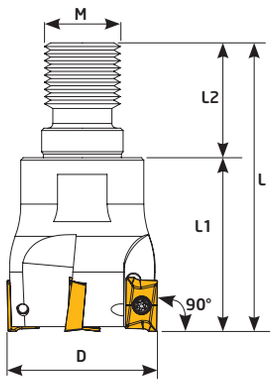

| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | APXT 1003 |
|---|---|---|
| L | s |  |
| 10,5 | 3,52 | |

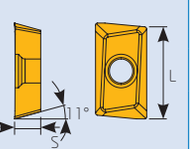
| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | Z | M | L | L1 | L2 | kg | | | |
| VT136 | ● | D16 Z02 M08 APXT 10 | 16 | 2 | M08 | 41 | 25 | 16 | 0,050 | APXT 1003 KRLY | TC060 M2,5x5,5 | T8 |
| VT138 | ● | D20 Z03 M10 APXT 10 | 20 | 3 | M10 | 55 | 35 | 20 | 0,097 | | | |
| VT140 | ● | D25 Z03 M12 APXT 10 | 25 | 3 | M12 | 55 | 33 | 22 | 0,135 | | | |
| VT143 | ● | D32 Z04 M16 APXT 10 | 32 | 4 | M16 | 60 | 35,5 | 24,5 | 0,195 | | | |
| VT146 | ● | D35 Z04 M16 APXT 10 | 35 | 4 | M16 | 60 | 35,5 | 24,5 | 0,225 | | | |
| VT148 | ● | D40 Z05 M16 APXT 10 | 40 | 5 | M16 | 60 | 35,5 | 24,5 | 0,266 | | | |
| VT150 | ● | D42 Z05 M16 APXT 10 | 42 | 5 | M16 | 60 | 35,5 | 24,5 | 0,294 | | | |

*KRLY ucuna uygundur. / Compatible with KRLY insert. / Kompatible für KRLY WP*

## APKT 1604





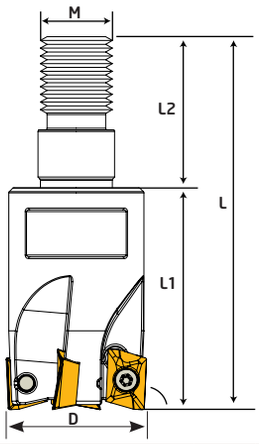

| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | APKT 1604 |
|---|---|---|
| L | s |  |
| 16,4 | 4,76 | |

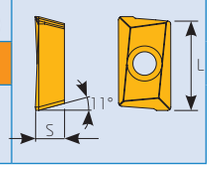
| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | Z | M | L | L1 | L2 | kg | | | |
| VT160 | ● | D25 Z02 M12 APKT 16 | 25 | 2 | M12 | 55 | 33 | 22 | 0,107 | APKT 1604 KRLY | TC074 M4x10 | T15 |
| VT163 | ● | D32 Z03 M16 APKT 16 | 32 | 3 | M16 | 60 | 35,5 | 24,5 | 0,180 | | | |
| VT166 | ● | D35 Z03 M16 APKT 16 | 35 | 3 | M16 | 60 | 35,5 | 24,5 | 0,211 | | | |
| VT168 | ● | D40 Z04 M16 APKT 16 | 40 | 4 | M16 | 60 | 35,5 | 24,5 | 0,238 | | | |
| VT170 | ● | D42 Z04 M16 APKT 16 | 42 | 4 | M16 | 60 | 35,5 | 24,5 | 0,251 | | | |

*KRLY ucuna uygundur. / Compatible with KRLY insert. / Kompatible für KRLY WP*

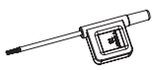
## APMT 0602






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | APMT 0602 |
|---|---|---|
| L | s |  |
| 6 | 2,6 | |

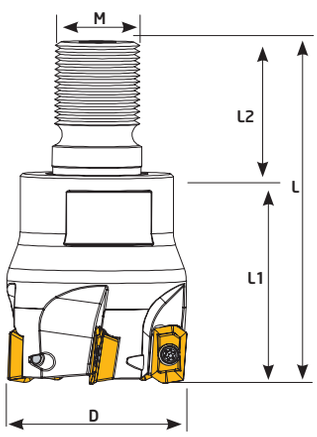


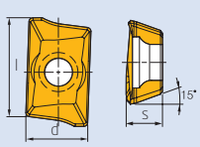
| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | Z | M | L | L1 | L2 | kg |  |  |  |
| VT220 | ● | D10 Z02 M06 APMT 06 | 10 | 2 | M06 | 40 | 25 | 15 | 0,011 | APMT 0603 KRLY | TC057-1 M1,8x4,1 | T6 |
| VT221 | ● | D12 Z03 M06 APMT 06 | 12 | 3 | M06 | 40 | 25 | 15 | 0,015 | | | |
| VT222 | ● | D16 Z04 M08 APMT 06 | 16 | 4 | M08 | 42 | 25 | 17 | 0,030 | | | |
| VT223 | ● | D20 Z05 M10 APMT 06 | 20 | 5 | M10 | 51 | 31 | 20 | 0,064 | | | |

*KRLY ucuna uygundur. / Compatible with KRLY insert. / Kompatible für KRLY WP*

## APMT 0903






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | | APMT 0903 |
|---|---|---|---|
| l | d | s |  |
| 9,4 | 3,6 | 6,21 | |

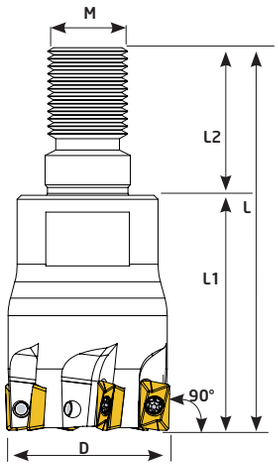


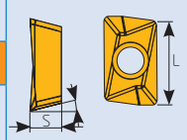
| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | Z | M | L | L1 | L2 | kg |  |  |  |
| VT224 | ● | D16 Z02 M08 APMT 09 | 16 | 2 | M08 | 41 | 25 | 16 | 0,040 | APMT 0903 KRLY | TC060 M2,5x5,5 | T8 |
| VT225 | ● | D20 Z03 M10 APMT 09 | 20 | 3 | M10 | 48 | 30 | 18 | 0,071 | | | |
| VT226 | ● | D25 Z04 M12 APMT 09 | 25 | 4 | M12 | 57 | 35 | 22 | 0,116 | | | |
| VT227 | ● | D32 Z05 M16 APMT 09 | 32 | 5 | M16 | 65,3 | 40 | 25,3 | 0,229 | | | |
| VT228 | ● | D35 Z05 M16 APMT 09 | 35 | 5 | M16 | 65,3 | 40 | 25,3 | 0,261 | | | |
| VT229 | ● | D40 Z06 M16 APMT 09 | 40 | 6 | M16 | 65,3 | 40 | 25,3 | 0,299 | | | |

*KRLY ucuna uygundur. / Compatible with KRLY insert. / Kompatible für KRLY WP*

## ADMX 0702





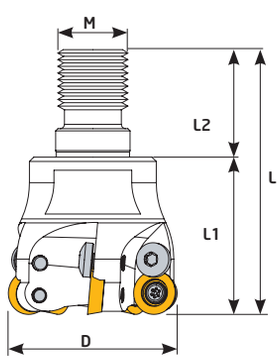

| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | ADMX 0702 |
|---|---|---|
| L | S |  |
| 7,28 | 2,48 | |

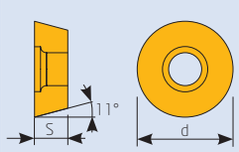
| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | Z | M | L | L1 | L2 | kg | | | |
| VT200 | ○ | D16 Z04 M08 ADMX 07 | 16 | 4 | M08 | 41 | 23 | 18 | 0,041 | ADMX 0702 PRMT | TC058 M2x4,2 | T6 |
| VT201 | ○ | D20 Z05 M10 ADMX 07 | 20 | 5 | M10 | 49 | 30 | 19 | 0,080 | | | |
| VT203 | ○ | D32 Z08 M16 ADMX 07 | 32 | 8 | M16 | 66 | 43 | 23 | 0,235 | | | |

*PRMT ucuna uygundur. / Compatible with PRMT insert. / Kompatible für PRMT WP*

## RPMT 10-12





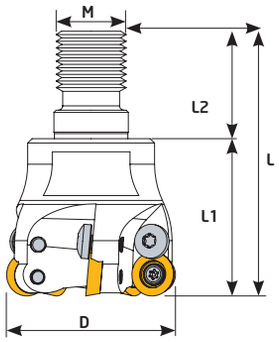

| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | RPMT 10T3 |
|---|---|---|
| d | S |  |
| 10 | 3,97 | |

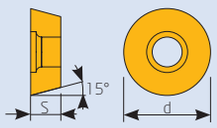
| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Kullanılan Uç *Insert WSP* | Baskı Civatası *Locking Screw Verriegelungs Schraube* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | Z | M | L | L1 | L2 | kg | | | | |
| VT180 | ○ | D25 Z03 M12 RPMT 10 | 25 | 3 | M12 | 55 | 33 | 22 | 0,084 | RPMT 10 MTSBSH | TC040 M3,5 | TC067 M3,5x8,5 | T15 |
| VT182 | ○ | D32 Z03 M16 RPMT 10 | 32 | 3 | M16 | 68 | 36 | 24,5 | 0,189 | | | | |
| VT174 | ○ | D25 Z02 M12 RPMT 12 | 25 | 2 | M12 | 55 | 33 | 22 | 0,109 | RPMT 12 MTSBSH | ------- | TC067 M3,5x9 | T15 |
| VT176 | ○ | D32 Z03 M16 RPMT 12 | 32 | 3 | M16 | 60 | 34,7 | 25,3 | 0,164 | | | | |

*MTSBSH ucuna uygundur. / Compatible with MTSBSH insert. / Kompatible für MTSBSH WP*

## RDMT 1003





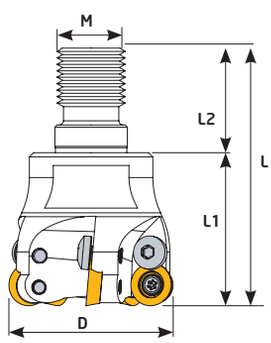

| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | RDMT 1003 |
|---|---|---|
| d | S |  |
| 10 | 3,18 | |

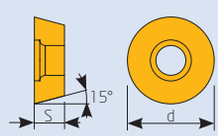


| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Kullanılan Uç *Insert WSP* | Baskı Civatası *Locking Screw Verriegelungs Schraube* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | Z | M | L | L1 | L2 | kg |  |  |  |  |
| VT098 | ● | D20 Z02 M10 RDMT 10 | 20 | 2 | M10 | 55 | 35 | 20 | 0,087 | RDMT 1003 ISO | TC040 M3,5 | TC071 M3,5x7 | T15 |
| VT100 | ● | D25 Z03 M12 RDMT 10 | 25 | 3 | M12 | 55 | 33 | 22 | 0,114 | | | TC067 M3,5x8,5 | |
| VT103 | ● | D32 Z03 M16 RDMT 10 | 32 | 3 | M16 | 60 | 35,5 | 24,5 | 0,188 | | | | |
| VT106 | ● | D35 Z04 M16 RDMT 10 | 35 | 4 | M16 | 60 | 35,5 | 24,5 | 0,201 | | | | |
| VT107 | ● | D35 Z05 M16 RDMT 10 | 35 | 5 | M16 | 60 | 35,5 | 24,5 | 0,211 | | | | |
| VT108 | ● | D40 Z05 M16 RDMT 10 | 40 | 5 | M16 | 60 | 35,5 | 24,5 | 0,241 | | | | |
| VT110 | ● | D42 Z05 M16 RDMT 10 | 42 | 5 | M16 | 60 | 35,5 | 24,5 | 0,265 | | | | |

## RDMT 12T3






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | RDMT 12T3 |
|---|---|---|
| d | S |  |
| 12 | 3,97 | |

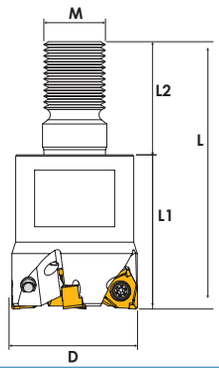


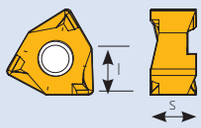
| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Kullanılan Uç *Insert WSP* | Baskı Civatası *Locking Screw Verriegelungs Schraube* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | Z | M | L | L1 | L2 | kg |  |  |  |  |
| VT120 | ● | D25 Z02 M12 RDMT 12 | 25 | 2 | M12 | 55 | 33 | 22 | 0,106 | RDMT 12T3 ISO | TC040 M3,5 | TC067 M3,5x8,5 | T15 |
| VT123 | ● | D32 Z03 M16 RDMT 12 | 32 | 3 | M16 | 60 | 35,5 | 24,5 | 0,177 | | | | |
| VT126 | ● | D35 Z03 M16 RDMT 12 | 35 | 3 | M16 | 60 | 35,5 | 24,5 | 0,196 | | | | |
| VT128 | ● | D40 Z04 M16 RDMT 12 | 40 | 4 | M16 | 60 | 35,5 | 24,5 | 0,230 | | | | |
| VT130 | ● | D42 Z04 M16 RDMT 12 | 42 | 4 | M16 | 60 | 35,5 | 24,5 | 0,237 | | | | |

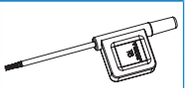
● *Stokta/ In Stock / Lager* ○ *Sınırlı Stok / Limited Stock / Begrenzte Lagerhaltung*

## XNEX 0403





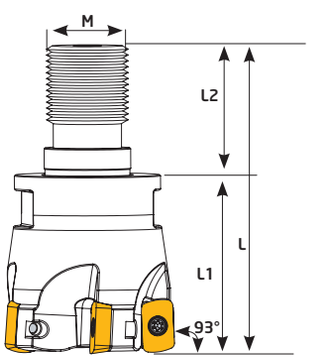

| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | XNEX 0403 |
|---|---|---|
| l | s |  |
| 4 | 3,31 | |

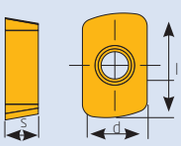
| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | Z | M | L | L1 | L2 | kg |  |  |  |
| VT245 | ● | D20 Z03 M10 XNEX 04 | 20 | 3 | M10 | 46 | 28 | 18 | 0,073 | XNEX 0403 SCO | TC061 M2,5x7 | T8 |
| VT247 | ● | D25 Z04 M12 XNEX 04 | 25 | 4 | M12 | 52 | 30 | 22 | 0,115 | | | |
| VT249 | ● | D32 Z05 M16 XNEX 04 | 32 | 5 | M16 | 65 | 40 | 25 | 0,253 | | | |

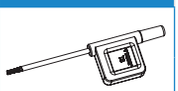
*SCO ucuna uygundur. / Compatible with SCO insert. / Kompatible für SCO WP*

## EPMT 0603





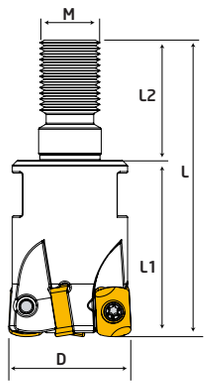

| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | EPMT 0603 |
|---|---|---|
| l | s |  |
| 10 | 3,18 | |

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | Z | M | L | L1 | L2 | kg |  |  |  |
| VT230 | ● | D16 Z02 M08 EPMT 06 | 16 | 2 | M08 | 41 | 16 | 25 | 0,040 | EPMT 0603 HTCH | TC060 M2,5x5,5 | T7 |
| VT231 | ● | D20 Z03 M10 EPMT 06 | 20 | 3 | M10 | 48 | 18 | 30 | 0,070 | | | |
| VT232 | ● | D25 Z04 M12 EPMT 06 | 25 | 4 | M12 | 55 | 20 | 35 | 0,110 | | | |
| VT233 | ● | D32 Z05 M16 EPMT 06 | 32 | 5 | M16 | 60 | 25,3 | 34,7 | 0,197 | | | |
| VT234 | ● | D35 Z05 M16 EPMT 06 | 35 | 5 | M16 | 60 | 25,3 | 34,7 | 0,224 | | | |
| VT235 | ● | D40 Z06 M16 EPMT 06 | 40 | 6 | M16 | 60 | 25,3 | 34,7 | 0,256 | | | |
| VT236 | ● | D42 Z06 M16 EPMT 06 | 42 | 6 | M16 | 65,3 | 25,3 | 40 | 0,300 | | | |

*HTCH ucuna uygundur. / Compatible with HTCH insert. / Kompatible für HTCH WP*

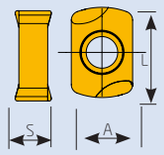
## LNMX 0603




| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | |
|---|---|---|
| L | S | A |
| 10 | 6,8 | 3,6 |

LNMX 0603

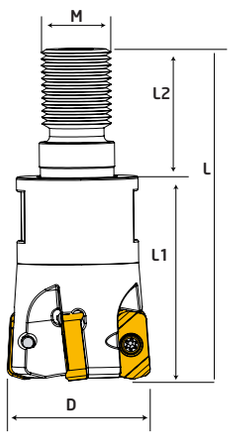



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | Z | M | L | L1 | L2 | kg | | | |
| VT152 | ● | D16 Z02 M08 LNMX 06 | 16 | 2 | M08 | 42 | 25 | 17 | 0,031 | LNMX 0603 KRLY | TC065-1 M3x7 | T8 |
| VT153 | ● | D20 Z03 M10 LNMX 06 | 20 | 3 | M10 | 51 | 30 | 21 | 0,060 | | | |
| VT154 | ● | D25 Z04 M12 LNMX 06 | 25 | 4 | M12 | 59 | 35 | 24 | 0,120 | | | |
| VT155 | ● | D32 Z05 M16 LNMX 06 | 32 | 5 | M16 | 67 | 40 | 27 | 0,227 | | | |

*KRLY ucuna uygundur. / Compatible with KRLY insert. / Kompatible für KRLY WP*

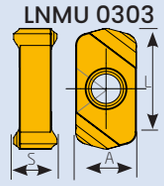
## LNMU 0303




| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | |
|---|---|---|
| L | S | A |
| 11.8 | 4,1 | 6 |

LNMU 0303



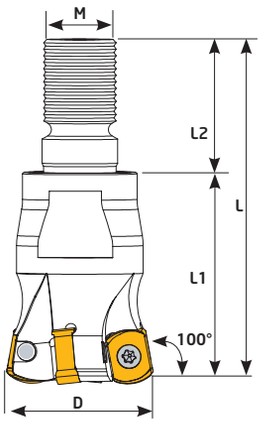

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | Z | M | L | L1 | L2 | kg | | | |
| VT300 | ● | D16 Z02 M08 LNMU 03 | 16 | 2 | M08 | 42 | 25 | 17 | 0,029 | LNMU 0303 TNGLY-OKE | TC063 M2,5x7 | T8 |
| VT302 | ● | D20 Z03 M10 LNMU 03 | 20 | 3 | M10 | 49 | 30 | 19 | 0,061 | | | |
| VT304 | ● | D25 Z04 M12 LNMU 03 | 25 | 4 | M12 | 57 | 35 | 22 | 0,108 | | | |
| VT305 | ● | D32 Z05 M16 LNMU 03 | 32 | 5 | M16 | 63 | 40 | 23 | 0,227 | | | |
| VT307 | ● | D40 Z06 M16 LNMU 03 | 40 | 6 | M16 | 63 | 40 | 23 | 0,272 | | | |

*TNGLY-OKE ucuna uygundur. / Compatible with TNGLY-OKE insert. / Kompatible für TNGLY-OKE WP*

● *Stokta/ In Stock / Lager* ○ *Sınırlı Stok / Limited Stock / Begrenzte Lagerhaltung*

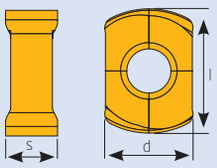
## BLMP 0603






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | | |
|---|---|---|
| d | l | s |
| 6,39 | 9 | 3,73 |

BLMP 0603

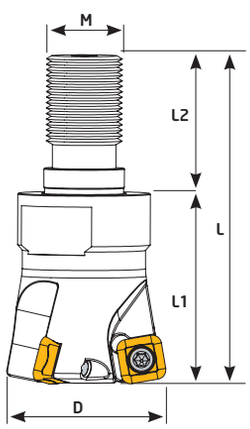



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | Z | M | L | L1 | L2 | kg | | | |
| VT190 | ● | D16 Z02 M08 BLMP 06 | 16 | 2 | M08 | 41 | 25 | 16 | 0,044 | BLMP 0603 TGTC | TC064 M3x6,5 | T8 |
| VT191 | ● | D20 Z03 M10 BLMP 06 | 20 | 3 | M10 | 48 | 30 | 18 | 0,081 | | | |
| VT192 | ● | D25 Z04 M12 BLMP 06 | 25 | 4 | M12 | 57 | 35 | 22 | 0,119 | | | |
| VT193 | ● | D32 Z05 M16 BLMP 06 | 32 | 5 | M16 | 65 | 40 | 25 | 0,233 | | | |
| VT194 | ● | D35 Z05 M16 BLMP 06 | 35 | 5 | M16 | 65 | 40 | 25 | 0,240 | | | |
| VT195 | ● | D40 Z06 M16 BLMP 06 | 40 | 6 | M16 | 68 | 43 | 25 | 0,291 | | | |
| VT196 | ● | D42 Z06 M16 BLMP 06 | 42 | 6 | M16 | 68 | 43 | 25 | 0,313 | | | |

*TGTC ucuna uygundur. / Compatible with TGTC insert. / Kompatible für TGTC WP*

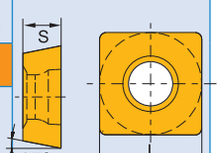
## SDMT 09T3






| Ölçüler (mm) Dimensions(mm) Abmessungen (mm) | |
|---|---|
| L | S |
| 9,52 | 3,97 |

SDMT 09T3

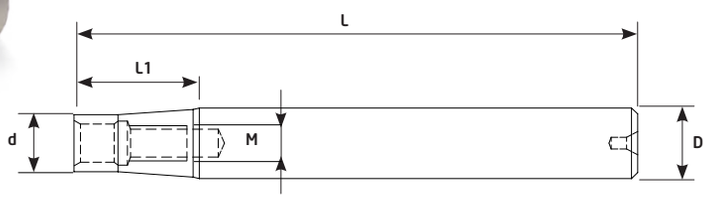



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | Z | M | L | L1 | L2 | kg | | | |
| VT240 | ● | D32 Z03 M16 SDMT 09 | 32 | 3 | M16 | 69 | 40 | 29 | 0,211 | SDMT 09T3 ZCC | TC067 M3,5x8,5 | T15 |
| VT241 | ● | D35 Z03 M16 SDMT 09 | 35 | 3 | M16 | 69 | 40 | 29 | 0,231 | | | |
| VT242 | ● | D40 Z04 M16 SDMT 09 | 40 | 3 | M16 | 69 | 40 | 29 | 0,253 | | | |

*ZCC ucuna uygundur. / Compatible with ZCC insert. / Kompatible für ZCC WP*

## Vidalı Takım Tutucu
*Modular End Mill Holder*




| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | D | d | L | L1 | M | kg |
| VT500 | ● | D15-L150 M08 | 15 | 12,7 | 150 | 30 | M8 | 0,208 |
| VT501 | ● | D15-L150 M08-IC | 15 | 12,7 | 150 | 30 | M8 | 0,202 |
| VT502 | ● | D16-L100 M08 | 16 | 14 | 100 | 30 | M8 | 0,153 |
| VT503 | ● | D16-L100 M08-IC | 16 | 14 | 100 | 30 | M8 | 0,150 |
| VT504 | ● | D16-L150 M08 | 16 | 14 | 150 | 30 | M8 | 0,234 |
| VT505 | ● | D16-L150 M08 -IC | 16 | 14 | 150 | 30 | M8 | 0,230 |
| VT506 | ● | D19-L150 M10 | 19 | 17,7 | 150 | 30 | M10 | 0,329 |
| VT507 | ● | D19-L150 M10-IC | 19 | 17,7 | 150 | 30 | M10 | 0,324 |
| VT508 | ● | D20-L100 M10 | 20 | 17,7 | 100 | 30 | M10 | 0,238 |
| VT509 | ● | D20-L100 M10-IC | 20 | 17,7 | 100 | 30 | M10 | 0,235 |
| VT510 | ● | D20-L150 M10 | 20 | 17,7 | 150 | 40 | M10 | 0,357 |
| VT511 | ● | D20-L150 M10-IC | 20 | 17,7 | 150 | 40 | M10 | 0,354 |
| VT512 | ● | D24-L150 M12 | 24 | 20,7 | 150 | 40 | M12 | 0,508 |
| VT513 | ● | D24-L150 M12-IC | 24 | 20,7 | 150 | 40 | M12 | 0,502 |
| VT514 | ● | D25-L150 M12 | 25 | 20,7 | 150 | 40 | M12 | 0,546 |
| VT515 | ● | D25-L150 M12-IC | 25 | 20,7 | 150 | 40 | M12 | 0,542 |
| VT516 | ● | D25-L200 M12 | 25 | 20,7 | 200 | 40 | M12 | 0,680 |
| VT517 | ● | D25-L200 M12-IC | 25 | 20,7 | 200 | 40 | M12 | 0,675 |
| VT518 | ● | D25-L250 M12 | 25 | 20,7 | 250 | 40 | M12 | 0,700 |
| VT519 | ● | D25-L250 M12-IC | 25 | 20,7 | 250 | 40 | M12 | 0,695 |
| VT520 | ● | D32-L170 M16 | 32 | 28,7 | 170 | 40 | M16 | 0,790 |
| VT521 | ● | D32-L170 M16-IC | 32 | 28,7 | 170 | 40 | M16 | 0,784 |
| VT522 | ● | D32-L220 M16 | 32 | 28,7 | 220 | 40 | M16 | 0,860 |
| VT523 | ● | D32-L220 M16-IC | 32 | 28,7 | 220 | 40 | M16 | 0,854 |
| VT524 | ● | D32-L300 M16 | 32 | 28,7 | 300 | 40 | M16 | 1,380 |
| VT525 | ● | D32-L300 M16-IC | 32 | 28,7 | 300 | 40 | M16 | 1,375 |

● *Stokta/ In Stock / Lager* ○ *Sınırlı Stok / Limited Stock / Begrenzte Lagerhaltung*

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# Diş Katerleri
# Threading Holders
## Klemmhalter (Außengewinde)

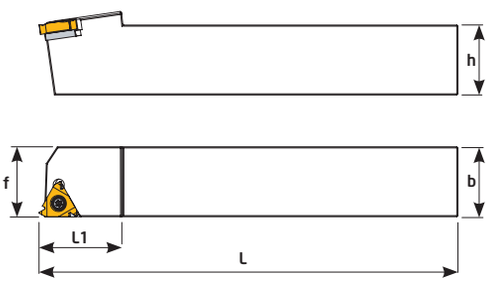


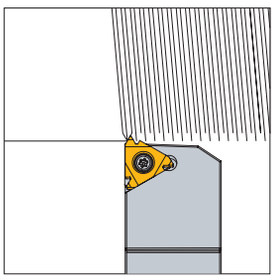

**Technical Solution for Quality**

## Dış Çap Diş Kateri/R

### *External Threading Toolholders/R*



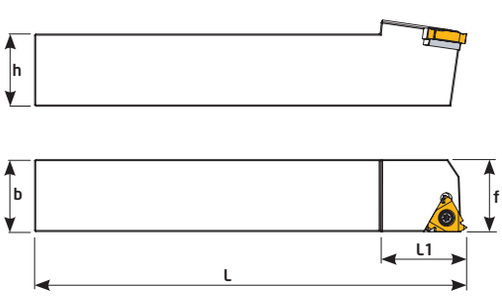



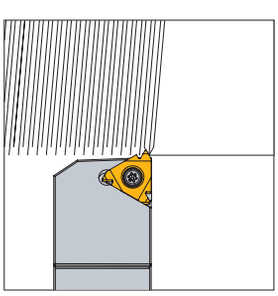
| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Altlık *Shim U-Platte* | Altlık Civatası *Shim Screw U-Platte Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | h | b | f | L | L1 | kg | | | | | |
| D261 | ● | AL 1212 J16- ER16 | 12 | 12 | 16 | 110 | 20 | 0,140 | 16 ER | TC068 M3,5x11 | TA040 | TC048 M5 | T15 |
| D259 | ● | AL 1616 H16- ER16 | 16 | 16 | 16 | 100 | 22 | 0,250 | | | | | |
| D258 | ● | AL 2020 K16- ER16 | 20 | 20 | 20 | 125 | 25 | 0,410 | | | | | |
| D260 | ● | AL 2525 M16- ER16 | 25 | 25 | 25 | 150 | 30 | 0,750 | | | | | |
| D262 | ● | AL 3232 P16- ER16 | 32 | 32 | 32 | 170 | 30 | 1,430 | | | | | |
| D265 | ● | AL 2020 K22- ER22 | 20 | 20 | 20 | 125 | 30 | 0,458 | 22 ER | TC078 M4x11 | --- | --- | |
| D266 | ● | AL 2525 M22- ER22 | 25 | 25 | 25 | 150 | 30 | 0,740 | | | | | |

## Dış Çap Diş Kateri/L

### *External Threading Toolholders/L*



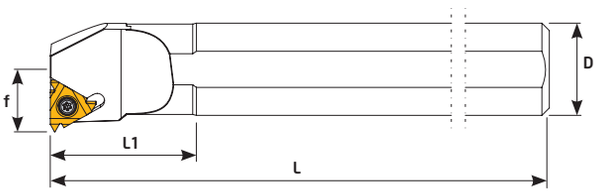



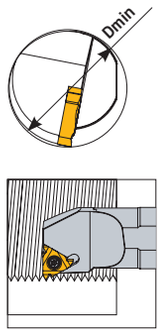



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Altlık *Shim U-Platte* | Altlık Civatası *Shim Screw U-Platte Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | h | b | f | L | L1 | kg | | | | | |
| D268 | ● | AL 2020 K16 - L IR16 | 20 | 20 | 20 | 125 | 25 | 0,410 | 16 IR | TC068 M3,5x11 | TA040 | TC048 M5 | T15 |
| D269 | ● | AL 2525 M16 - L IR16 | 25 | 25 | 25 | 150 | 30 | 0,754 | | | | | |
| D266-1 | ● | AL 2525 M22 - L IR22 | 25 | 25 | 25 | 150 | 30 | 0,748 | 22 IR | TC078 M4X11 | --- | --- | |

## İç Çap Diş Kateri/R
## *Internal Threading Toolholders/R*



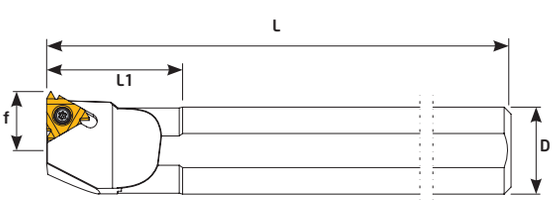



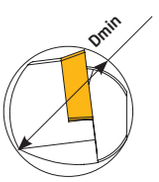




| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | Delik Çapı | kg | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | L | L1 | f | Dmin | | | | |
| K348 | ● | S10J STIR- IR11 | 10 | 110 | 20 | 6 | 12 | 0,079 | 11 IR | TC060 M2,5x5,5 | T8 |
| K350 | ● | S12K STIR- IR11 | 12 | 125 | 25 | 7,2 | 14 | 0,117 | | | |
| K352 | ● | S16Q STIR- IR16 | 16 | 180 | 40 | 11 | 20 | 0,286 | 16 IR | TC067 M3,5x8,5 | T10 |
| K354 | ● | S20Q STIR- IR16 | 20 | 180 | 40 | 13 | 25 | 0,436 | | | |
| K356 | ● | S25R STIR- IR16 | 25 | 200 | 40 | 16 | 29 | 0,762 | | | |
| K358 | ● | S32T STIR- IR16 | 32 | 300 | 60 | 19,5 | 36 | 1,829 | | | |
| K358-1 | ● | S20Q STIR- IR22 | 20 | 180 | 40 | 14 | 24 | 0,431 | 22 IR | TC078 M4x11 | T15 |
| K359 | ● | S25R STIR- IR22 | 25 | 200 | 40 | 17 | 32 | 0,757 | | | |
| K360 | ● | S32T STIR- IR22 | 32 | 300 | 60 | 19,5 | 36 | 1,818 | | | |
| K360-1 | ● | S40T STIR- IR22 | 40 | 300 | 60 | 24,5 | 45 | 2,831 | | | |

## İç Çap Diş Kateri/L
## *Internal Threading Toolholders/L*



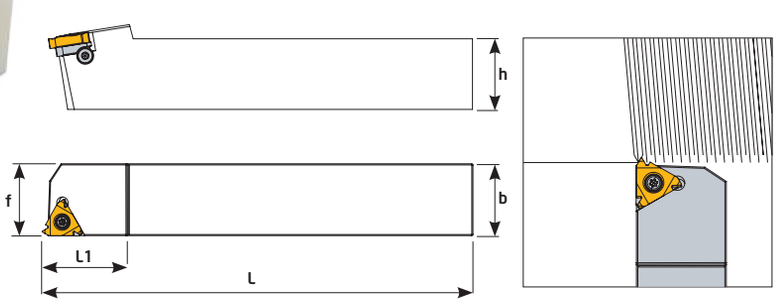



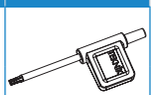

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | Delik Çapı | kg | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | L | L1 | f | Dmin | | | | |
| K360-2 | ● | S10J STIL-ER11 | 10 | 110 | 20 | 6 | 12 | 0,079 | 11 ER | TC060 M2,5x5,5 | T8 |
| K361 | ● | S16Q STIL-ER16 | 16 | 180 | 40 | 11 | 20 | 0,286 | 16 ER | TC067 M3,5x8,5 | T15 |
| K362 | ● | S20Q STIL-ER16 | 20 | 180 | 40 | 13 | 25 | 0,436 | | | |
| K363 | ● | S25R STIL-ER16 | 25 | 200 | 40 | 16 | 29 | 0,762 | | | |

● *Stokta/ In Stock / Lager* ○ *Sınırlı Stok / Limited Stock / Begrenzte Lagerhaltung*

## Dış Çap Diş Kateri/R
*External Threading Toolholders/R*

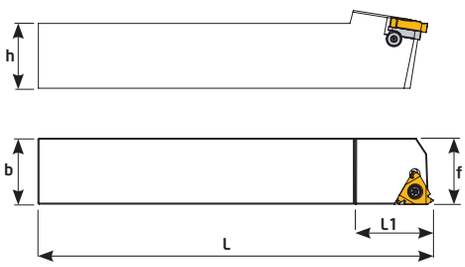


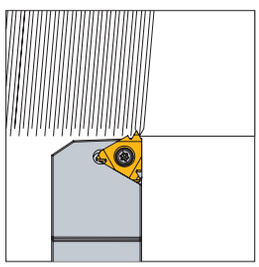



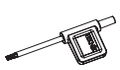

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/*Stock/Lager* | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Altlık *Shim U-Platte* | Pul *Washer U-Scheibe* | Altlık Civatası *Shim Screw U-Platte Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | h | b | f | L | L1 | (kg) |  |  |  |  |  |  |
| D494 | ● | SER 0808 H11 - ER11 | 8 | 8 | 11 | 100 | 20 | 0,061 | 11 ER | TC060 M2,5x5,5 | - | - | - | T8 |
| D495 | ● | SER 1010 H11 - ER11 | 10 | 10 | 11 | 100 | 20 | 0,091 | | | | | | |
| D496 | ● | SER 1010 M11 - ER11 | 10 | 10 | 11 | 150 | 20 | 0,136 | | | | | | |
| D497 | ● | SER 1212 K11 - ER11 | 12 | 12 | 12 | 125 | 20 | 0,160 | | | | | | |
| D498 | ● | SER 1212 M11 - ER11 | 12 | 12 | 12 | 150 | 20 | 0,193 | | | | | | |
| D500 | ● | SER 1212 J16 - ER16 | 12 | 12 | 16 | 110 | 22 | 0,110 | 16 ER | TC068 M3,5x11 | TA061 | BSP010 | TC062 M3 | T15 |
| D501 | ● | SER 1616 H16 - ER16 | 16 | 16 | 16 | 100 | 25 | 0,220 | | | | | | |
| D502 | ● | SER 2020 K16 - ER16 | 20 | 20 | 20 | 125 | 30 | 0,410 | | | | | | |
| D503 | ● | SER 2525 M16 - ER16 | 25 | 25 | 25 | 150 | 30 | 0,750 | | | | | | |
| D504 | ● | SER 3232 P16 - ER16 | 32 | 32 | 32 | 170 | 30 | 1,410 | | | | | | |
| D505 | ● | SER 2525 M22 - ER22 | 25 | 25 | 25 | 150 | 30 | 0,740 | 22 ER | TC077 M4x15 | TA062 | | | |
| D506 | ● | SER 3232 P22 - ER22 | 32 | 32 | 32 | 170 | 30 | 1,396 | | | | | | |
| D507 | ● | SER 4040 R22 - ER22 | 40 | 40 | 40 | 200 | 36 | 2,585 | | | | | | |
| D491 | ● | SER 2525 M27 - ER27 | 25 | 25 | 32 | 150 | 36 | 0,791 | 27 ER | TC086 M5x18 | TA064 | - | TC053 M4 | T20 |
| D492 | ● | SER 3232 P27 - ER27 | 32 | 32 | 32 | 170 | 40 | 1,405 | | | | | | |
| D493 | ● | SER 4040 R27 - ER27 | 40 | 40 | 40 | 200 | 40 | 2,589 | | | | | | |

# Dış Çap Diş Kateri/L
## *External Threading Toolholders/L*



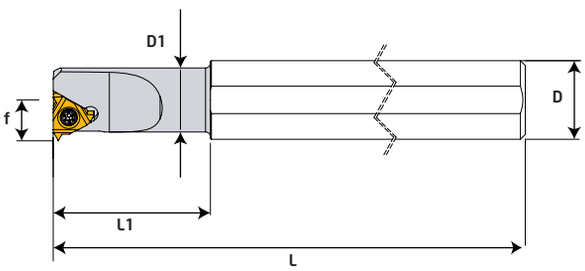



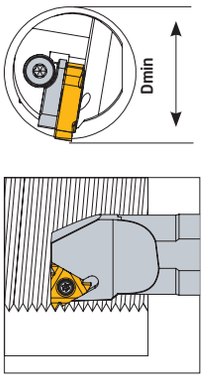



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Altlık *Shim U-Platte* | Pul *Washer U-Scheibe* | Altlık Civatası *Shim Screw U-Platte Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | h | b | f | L | L1 | kg |  |  |  |  |  |  |
| D508 | ● | SEL 1212 J16 -L- IR16 | 12 | 12 | 16 | 110 | 22 | 0,119 | 16 IR | TC068 M3,5x11 | TA060 | BSP010 | TC062 M3 | T15 |
| D509 | ● | SEL 1616H16 -L- IR16 | 16 | 16 | 16 | 100 | 25 | 0,223 | | | | | | |
| D510 | ● | SEL 2020 K16 -L- IR16 | 20 | 20 | 20 | 125 | 30 | 0,414 | | | | | | |
| D511 | ● | SEL 2525 M16 -L- IR16 | 25 | 25 | 25 | 150 | 30 | 0,753 | | | | | | |
| D512 | ● | SEL 3232 P16 -L- IR16 | 32 | 32 | 32 | 170 | 30 | 1,417 | | | | | | |
| D513 | ● | SEL 2525 M22 -L- IR22 | 25 | 25 | 25 | 150 | 30 | 0,749 | 22 IR | TC077 M4x15 | TA063 | | TC062 M3 | |
| D515 | ● | SEL 3232 P22 -L- IR22 | 32 | 32 | 32 | 170 | 36 | 1,434 | | | | | | |

# İç Çap Diş Kateri/R
## *Internal Threading Toolholders/R*



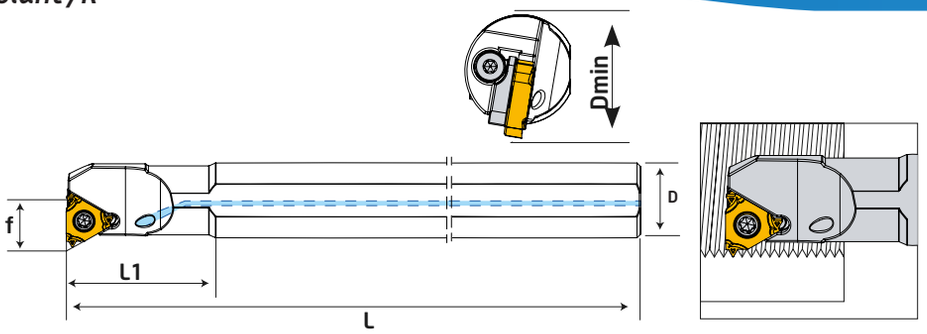




| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | Delik Çapı | kg | Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Altlık *Shim U-Platte* | Pul *Washer U-Scheibe* | Altlık Civatası *Shim Screw U-Platte Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | D1 | L | L1 | f | Dmin | | | | | | | |
| K337-1 | ● | SIR S12H - IR06 | 12 | 5,1 | 100 | 12 | 4,3 | 6 | 0,089 | 6 IR | TC058 M2x4,2 | - | - | - | T6 |
| K337-2 | ● | SIR S16K - IR08 | 16 | 6,6 | 125 | 18 | 5,3 | 7,8 | 0,195 | 8 IR | TC058-1 M2x4,6 | - | - | - | |
| K337-3 | ● | SIR S10H - IR11 | 10 | - | 100 | 20 | 7,4 | 12 | 0,063 | 11 IR | TC060 M2,5x5,5 | - | - | - | T8 |
| K337-4 | ● | SIR S16K - IR11 | 16 | 10 | 125 | 25 | 7,4 | 12 | 0,167 | | | | | | |
| K337-5 | ● | SIR S16L - IR11 | 16 | 13 | 140 | 32 | 8,9 | 15 | 0,207 | | | | | | |
| K337-6 | ● | SIR S16M - IR16 | 16 | 13 | 150 | 32 | 10,2 | 16 | 0,221 | 16 IR | TC067 M3,5x8,5 | - | - | - | T15 |
| K337-7 | ● | SIR S20P - IR16 | 20 | 16 | 170 | 40 | 11,7 | 19 | 0,381 | | | | | | |
| K338 | ● | SIR S20Q - IR16 | 20 | - | 180 | 40 | 13,4 | 24 | 0,440 | 16 IR | TC068 M3,5x11 | TA060 | BSP010 | TC062 M3 | |
| K339 | ● | SIR S25R - IR16 | 25 | - | 200 | 45 | 16,1 | 29 | 0,760 | | | | | | |
| K340 | ● | SIR S32T - IR16 | 32 | - | 300 | 60 | 21,5 | 39 | 1,830 | | | | | | |
| K341 | ● | SIR S40T - IR16 | 40 | - | 300 | 60 | 24,5 | 45 | 2,830 | | | | | | |
| K342 | ● | SIR S50U - IR16 | 50 | - | 350 | 75 | 28,7 | 54 | 5,337 | | | | | | |
| K342-1 | ● | SIR S20P - IR22 | 20 | - | 170 | 40 | 15,6 | 24 | 0,433 | 22 IR | TC078 M4x11 | - | - | - | |
| K343 | ● | SIR S25R - IR22 | 25 | - | 200 | 45 | 16,1 | 30 | 0,760 | 22 IR | TC077 M4x15 | TA063 | BSP010 | TC062 M3 | |
| K344 | ● | SIR S32T - IR22 | 32 | - | 300 | 40 | 22 | 39 | 1,820 | | | | | | |
| K345 | ● | SIR S40T - IR22 | 40 | - | 300 | 60 | 25,6 | 46 | 2,840 | | | | | | |
| K346 | ● | SIR S50U - IR22 | 50 | - | 350 | 75 | 30,6 | 56 | 5,335 | | | | | | |
| K347 | ● | SIR S32S - IR27 | 32 | - | 250 | 60 | 22,6 | 40 | 1,523 | 27 IR | TC086 M5x18 | TA065 | - | TC053 M4 | T20 |
| K347-1 | ● | SIR S40T - IR27 | 40 | - | 300 | 60 | 26,6 | 48 | 2,890 | | | | | | |
| K347-2 | ● | SIR S50U - IR27 | 50 | - | 350 | 75 | 31,6 | 58 | 5,177 | | | | | | |
| K347-4 | ● | SIR S60V - IR27 | 60 | - | 400 | 75 | 36,6 | 68 | 8,700 | | | | | | |

# İçten Soğutmalı İç Çap Diş Kater/R

*Internal Threading Toolholders With Coolant /R*



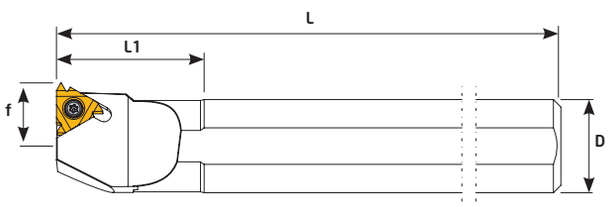



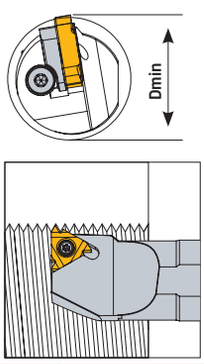

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* D | L | L1 | f | Delik Çapı Dmin | kg | Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Altlık *Shim U-Platte* | Pul *Washer U-Scheibe* | Altlık Civatası *Shim Screw U-Platte Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| K327-1 | ● | SIR A16K - IR11 | 16 | 125 | 25 | 7,4 | 12 | 0,165 | 11 IR | TC060 M2,5x5,5 | - | - | - | T8 |
| K327-2 | ● | SIR A16M - IR16 | 16 | 150 | 32 | 10,2 | 16 | 0,220 | 16 IR | TC067 M3,5x8,5 | | | | T15 |
| K327-3 | ● | SIR A20P - IR16 | 20 | 170 | 40 | 11,7 | 19 | 0,380 | | | | | | |
| K327-4 | ● | SIR A20P - IR16 | 20 | 170 | 40 | 13,7 | 24 | 0,412 | 16 IR | TC068 M3,5x11 | TA060 | BSP10 | TC062 M3 | |
| K327-5 | ● | SIR A25R - IR16 | 25 | 200 | 45 | 16,2 | 29 | 0,710 | | | | | | |
| K327-6 | ● | SIR A25R - IR22 | 25 | 200 | 45 | 18,1 | 29 | 0,730 | 22 IR | TC077 M4x15 | TA063 | | | |

# İç Çap Diş Kateri/L

*Internal Threading Toolholders/L*



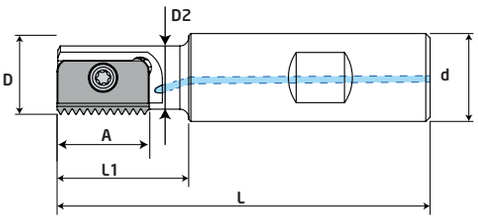




| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* D | L | L1 | f | Delik Çapı Dmin | kg | Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Altlık *Shim U-Platte* | Pul *Washer U-Scheibe* | Altlık Civatası *Shim Screw U-Platte Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| K330 | ● | SIL S20Q - ER16 | 20 | 180 | 40 | 13,4 | 24 | 0,440 | 16ER | TC068 M3,5x11 | TA061 | BSP010 | TC062 M3 | T15 |
| K331 | ● | SIL S25R - ER16 | 25 | 200 | 45 | 16,1 | 29 | 0,760 | | | | | | |
| K332 | ● | SIL S32T - ER16 | 32 | 300 | 60 | 21,5 | 39 | 1,830 | | | | | | |
| K333 | ● | SIL S40T - ER16 | 40 | 300 | 60 | 24,5 | 45 | 2,830 | | | | | | |
| K334 | ● | SIL S25R - ER22 | 25 | 200 | 45 | 16,1 | 30 | 0,760 | 22ER | TC077 M4x15 | TA062 | | | |
| K335 | ● | SIL S32T - ER22 | 32 | 300 | 40 | 22 | 39 | 1,820 | | | | | | |
| K336 | ● | SIL S40T - ER22 | 40 | 300 | 60 | 24,5 | 50 | 2,840 | | | | | | |

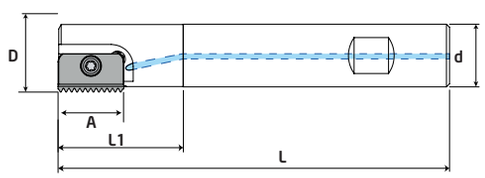
● *Stokta/ In Stock / Lager* ○ *Sınırlı Stok / Limited Stock / Begrenzte Lagerhaltung*



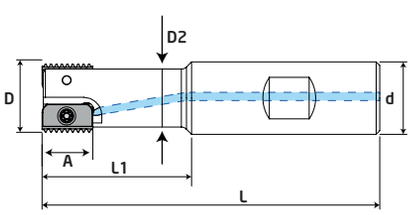

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* A | D | d | D2 | L | L1 | kg | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DC201 | ● | D9,5 d20 L085 A12 S12 | 12 | 9,5 | 20 | 7,5 | 85 | 14 | 0,195 | S12 | TC092 M2,5x5,5 | T8 |
| DC202 | ● | D9,9 d20 L085 A12 S12 | 12 | 9,9 | 20 | 7,6 | 85 | 16 | 0,191 | | | |
| DC203 | ● | D12 d20 L075 A14 S14 | 14 | 12 | 20 | 8,9 | 75 | 20 | 0,156 | S14 | TC096 M2,5x7 | |
| DC204 | ● | D14,5 d20 L085 A14 S14 | 14 | 14,5 | 20 | 11,2 | 85 | 25 | 0,179 | | | |
| DC205 | ● | D17 d20 L085 A14 S14 | 14 | 17 | 20 | 13,4 | 85 | 30 | 0,180 | | | |
| DC206 | ● | D18 d20 L085 A21 S21 | 21 | 18 | 20 | 14,4 | 85 | 30 | 0,176 | S21 | TC074 M4x10 | T15 |
| DC207 | ● | D21 d20 L094 A21 S21 | 21 | 21 | 20 | 16,5 | 94 | 40 | 0,204 | | | |
| DC208 | ● | D29 d25 L110 A30 S30 | 30 | 29 | 25 | 22,4 | 110 | 50 | 0,390 | S30 | TC256 M5x12 | T20 |
| DC209 | ● | D48 d40 L153 A40 S40 | 40 | 48 | 40 | 35 | 153 | 78 | 1,325 | S40 | TC086 M5x18 | |




| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* A | D | d | L | L1 | kg | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| DC210 | ● | D25 d20 L125 A21 S21 | 21 | 25 | 20 | 125 | 40 | 0,320 | S21 | TC074 M4x10 | T15 |
| DC211 | ● | D31 d25 L150 A30 S30 | 30 | 31 | 25 | 150 | 60 | 0,597 | S30 | TC256 M5x12 | T20 |
| DC212 | ● | D38 d32 L150 A30 S30 | 30 | 38 | 32 | 150 | 60 | 1,005 | | | |
| DC213 | ● | D48 d40 L210 A40 S40 | 40 | 48 | 40 | 210 | 78 | 2,068 | S40 | TC086 M5x18 | |

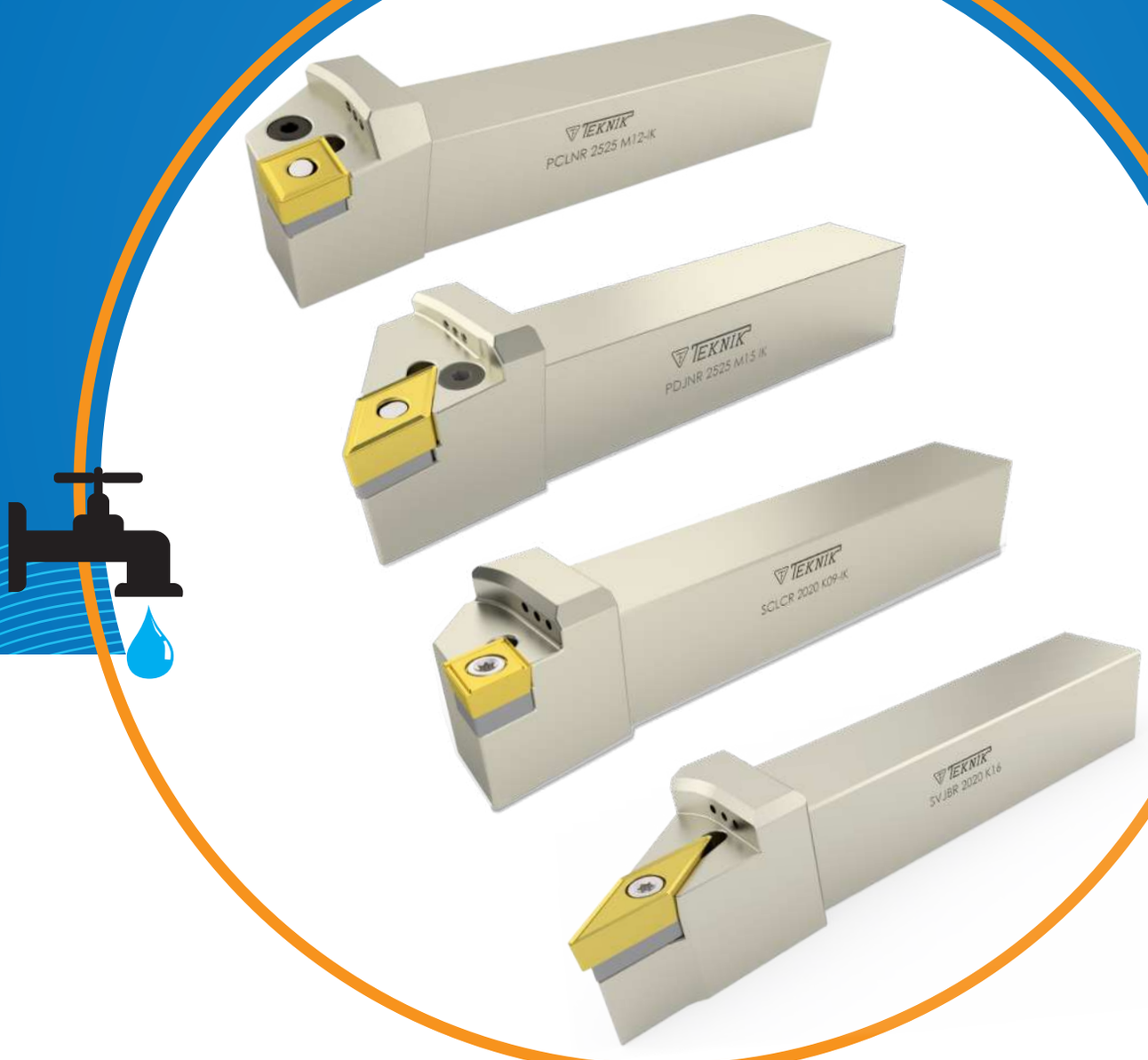



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* A | D | d | D2 | L | L1 | kg | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DC214 | ● | D20 d20 L093 A14 S14 | 14 | 20 | 20 | 16 | 93 | 41 | 0,202 | S14 | TC093 M2,5x7 | T8 |
| DC215 | ● | D30 d25 L108 A21 S21 | 21 | 30 | 25 | 24 | 108 | 52 | 0,401 | S21 | TC074 M4x10 | T15 |
| DC216 | ● | D40 d32 L130 A30 S30 | 30 | 40 | 32 | 30 | 130 | 70 | 0,781 | S30 | TC256 M5x12 | T20 |
| DC217 | ● | D50 d40 L153 A40 S40 | 40 | 50 | 40 | 38 | 153 | 78 | 1,455 | S40 | TC086 M5x18 | |

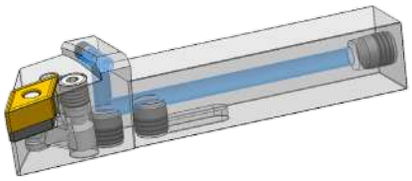
TEKNİK
Cutting Tools

# Dış Çap Kater Soğutmalı
# Turning Holder With Coolant
# Drehhalter Gekühlt



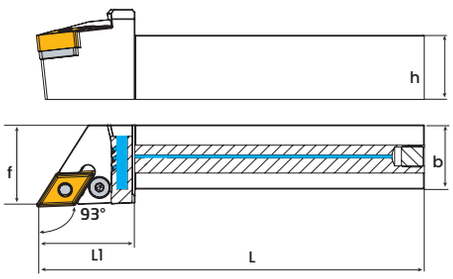

**Technical Solution for Quality**

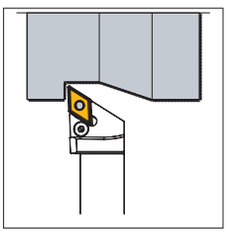
## İçten Soğutmalı Diş Çap Kater
*External Turning Holders With Coolant*



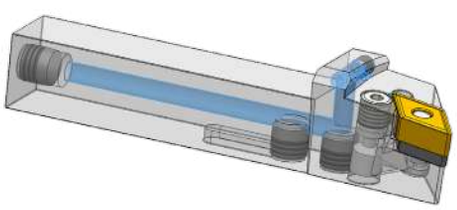
### 93° PDJNR IC



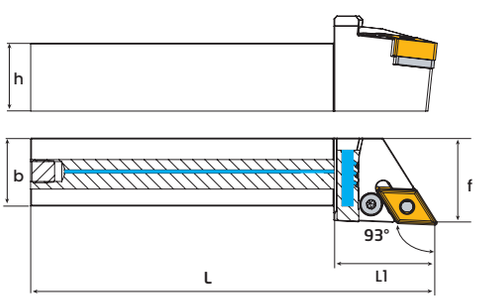
| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Uç *Insert WSP* | Civata *Clamp Screw Klemm-Schraube* | Altlık *Shim U-Platte* | Levye Sacı *Lock Pin Rohrstift* | Levye *Lever Kniehe-bel* | Anahtar *Allen Key In-buss-Schlüs-sel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L | L1 | h | f | b | kg | | | | | | |
| AP110 | ● | PDJNR 2020 K15-ICG1/8 | 125 | 40 | 20 | 25 | 20 | 0,409 | DNMG 1506 | TH821 | TA014-1 | TS-4 | TL4B | 3 Allen |
| AP112 | ● | PDJNR 2525 M15-ICG1/8 | 150 | 40 | 25 | 32 | 25 | 0,759 | DNMG 1506 | TH825 | TA014-1 | | | |

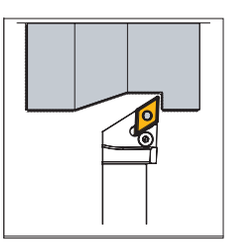


## İçten Soğutmalı Diş Çap Kater
*External Turning Holders With Coolant*

### 93° PDJNL IC



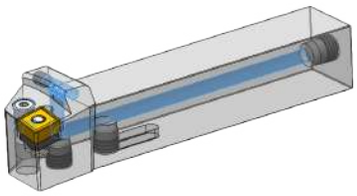



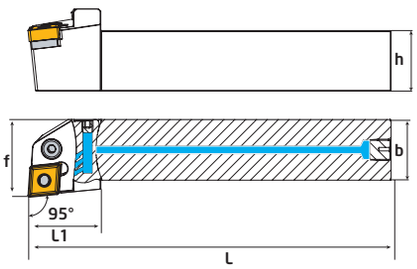
| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Uç *Insert WSP* | Civata *Clamp Screw Klemm-Schraube* | Altlık *Shim U-Platte* | Levye Sacı *Lock Pin Rohrstift* | Levye *Lever Kniehe-bel* | Anahtar *Allen Key In-buss-Schlüs-sel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L | L1 | h | f | b | kg | | | | | | |
| AP122 | ● | PDJNL 2020 K15-ICG1/8 | 125 | 40 | 20 | 25 | 20 | 0,409 | DNMG 1506 | TH821 | TA014-1 | TS-4 | TL4B | 3 Allen |
| AP124 | ● | PDJNL 2525 M15-ICG1/8 | 150 | 40 | 25 | 32 | 25 | 0,759 | DNMG 1506 | TH825 | TA014-1 | | | |

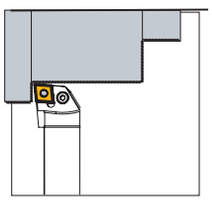
## İçten Soğutmalı Diş Çap Kater
## *External Turning Holders With Coolant*

### 95° PCLNR IC





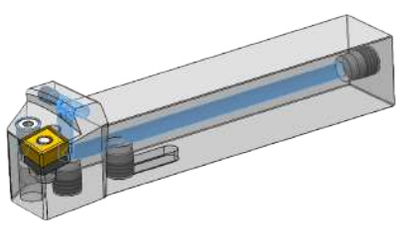



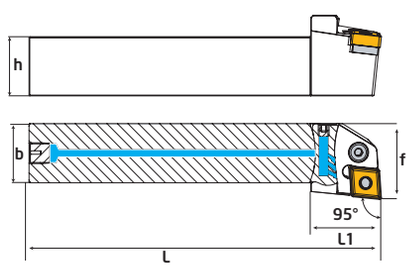
| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Uç *Insert WSP* | Civata *Clamp Screw Klemm-Schraube* | Altlık *Shim U-Platte* | Levye Sacı *Lock Pin Rohrstift* | Levye *Lever Kniehe-bel* | Anahtar *Allen Key In-buss-Schlüs-sel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L | L1 | h | f | b | kg | | | | | | |
| AP129 | ● | PCLNR 1616 H12-ICG1/8 | 100 | 28 | 16 | 20 | 16 | 0,236 | CNMG 1204 | TH818 | TA016-1 | TS4 | TL4 | 3 Allen |
| AP130 | ● | PCLNR 2020 K12-ICG1/8 | 125 | 28 | 20 | 25 | 20 | 0,428 | CNMG 1204 | TH821 | TA016-1 | TS4 | TL4 | |
| AP132 | ● | PCLNR 2525 M12-ICG1/8 | 150 | 30 | 25 | 32 | 25 | 0,781 | | | | | | |

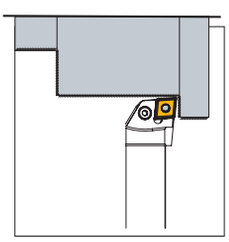
## İçten Soğutmalı Diş Çap Kater
## *External Turning Holders With Coolant*

### 95° PCLNL IC





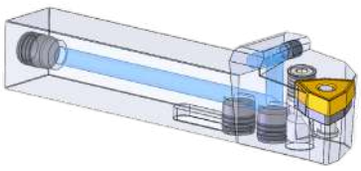
| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Uç *Insert WSP* | Civata *Clamp Screw Klemm-Schraube* | Altlık *Shim U-Platte* | Levye Sacı *Lock Pin Rohrstift* | Levye *Lever Kniehe-bel* | Anahtar *Allen Key In-buss-Schlüs-sel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L | L1 | h | f | b | kg | | | | | | |
| AP139 | ● | PCLNL 1616 H12-ICG1/8 | 100 | 28 | 16 | 20 | 16 | 0,236 | CNMG 1204 | TH 818 | TA016-1 | TS4 | TL4 | 3 Allen |
| AP140 | ● | PCLNL 2020 K12-ICG1/8 | 125 | 28 | 20 | 25 | 20 | 0,428 | CNMG 1204 | TH821 | TA016-1 | TS4 | TL4 | |
| AP142 | ● | PCLNL 2525 M12-ICG1/8 | 150 | 30 | 25 | 32 | 25 | 0,781 | | | | | | |

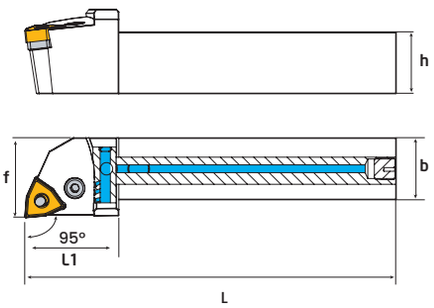
● *Stokta/ In Stock / Lager* ○ *Sınırlı Stok / Limited Stock / Begrenzte Lagerhaltung*

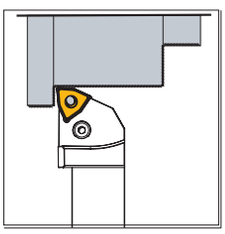
## İçten Soğutmalı Diş Çap Kater
*External Turning Holders With Coolant*

### 95° PWLNR 08 IC



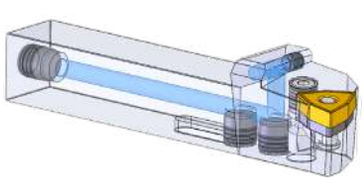


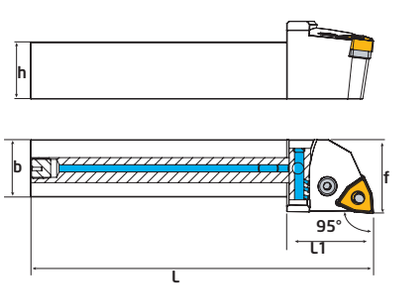
| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Uç *Insert WSP* | Civata *Clamp Screw Klemm Schraube* | Altlık *Shim U-Platte* | Levye Sacı *Lock Pin Rohrstift* | Levye *Lever Kniehebel* | Anahtar *Allen Key Inbuss-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L | L1 | h | f | b | kg | | | | | | |
| AP150 | ● | PWLNR 2020 K08-ICG1/8 | 125 | 30 | 20 | 25 | 20 | 0,425 | WNMG 0804 | TH821 | TA020-1 | TS4 | TL4 | 3 Allen |
| AP151 | ● | PWLNR 2525 M08-ICG1/8 | 150 | 38 | 25 | 32 | 25 | 0,782 | | | | | | |

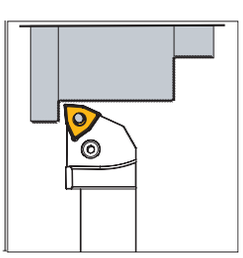
## İçten Soğutmalı Diş Çap Kater
*External Turning Holders With Coolant*

### 95° PWLNL 08 IC





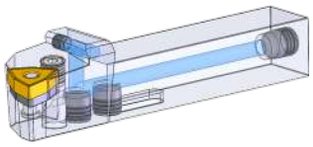



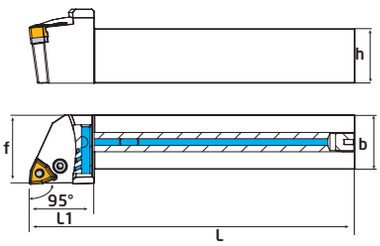
| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Uç *Insert WSP* | Civata *Clamp Screw Klemm-Schraube* | Altlık *Shim U-Platte* | Levye Sacı *Lock Pin Rohrstift* | Levye *Lever Kniehe-bel* | Anahtar *Allen Key In-buss-Schlüs-sel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L | L1 | h | f | b | kg | | | | | | |
| AP155 | ● | PWLNL 2020 K08-ICG1/8 | 125 | 30 | 20 | 25 | 20 | 0,425 | WNMG 0804 | TH821 | TA020-1 | TS4 | TL4 | 3 Allen |
| AP156 | ● | PWLNL 2525 M08-ICG1/8 | 150 | 38 | 25 | 32 | 25 | 0,782 | | | | | | |

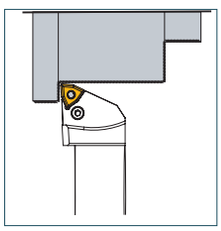
## İçten Soğutmalı Diş Çap Kater
*External Turning Holders With Coolant*

### 95° PWLNR 06 IC



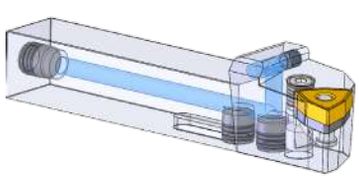


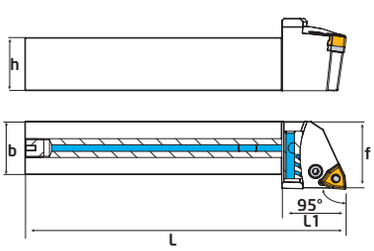
| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Uç *Insert WSP* | Civata *Clamp Screw Klemm-Schraube* | Altlık *Shim U-Platte* | Levye Sacı *Lock Pin Rohrstift* | Levye *Lever Kniehebel* | Anahtar *Allen Key Inbuss-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L | L1 | h | f | b | kg | | | | | | |
| AP158 | ● | PWLNR 1616 H06-ICG1/8 | 100 | 30 | 16 | 20 | 16 | 0,218 | WNMG 0604 | TH617 | TA021 | TS3 | TL3 | 2,5 Allen |
| AP160 | ● | PWLNR 2020 K06-ICG1/8 | 125 | 30 | 20 | 25 | 20 | 0,415 | | | | | | |
| AP161 | ● | PWLNR 2525 M06-ICG1/8 | 150 | 30 | 25 | 32 | 25 | 0,756 | | | | | | |

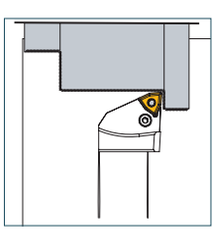
## İçten Soğutmalı Diş Çap Kater
*External Turning Holders With Coolant*

### 95° PWLNL 06 IC





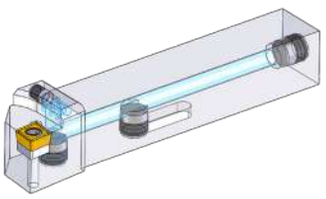
| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Uç *Insert WSP* | Civata *Clamp Screw Klemm-Schraube* | Altlık *Shim U-Platte* | Altlık Pimi *Lock Pin Rohrstift* | Levye *Lever Kniehebel* | Anahtar *Allen Key Inbuss-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L | L1 | h | f | b | kg | | | | | | |
| AP164 | ● | PWLNL 1616 H06-ICG1/8 | 100 | 30 | 16 | 20 | 16 | 0,218 | WNMG 0604 | TH617 | TA021 | TS3 | TL3 | 2,5 Allen |
| AP165 | ● | PWLNL 2020 K06-ICG1/8 | 125 | 30 | 20 | 25 | 20 | 0,415 | | | | | | |
| AP166 | ● | PWLNL 2525 M06-ICG1/8 | 150 | 30 | 25 | 32 | 25 | 0,756 | | | | | | |

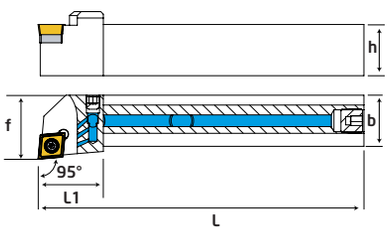
● *Stokta/ In Stock / Lager* ○ *Sınırlı Stok / Limited Stock / Begrenzte Lagerhaltung*

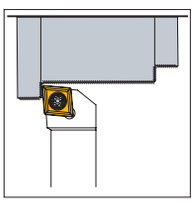
## İçten Soğutmalı Diş Çap Kater
*External Turning Holders With Coolant*

### 95° SCLCR IC





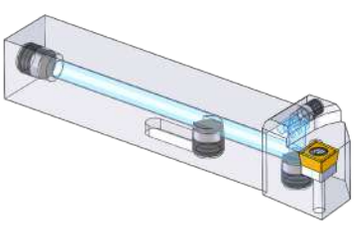



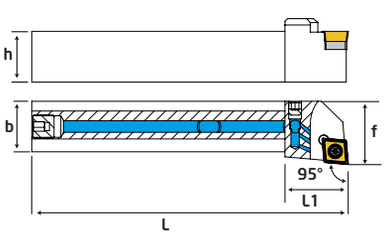
| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Uç *Insert WSP* | Civata *Clamp Screw Torx-Schraube* | Altlık *Shim U-Platte* | Altlık Civatası *Shim Screw U-Platte Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L | L1 | h | f | b | kg | | | | | |
| AP500 | ● | SCLCR 1616 H09-IC | 100 | 25 | 16 | 20 | 16 | 0,205 | CCMT 09T3 | TC068 M3,5x11 | TA015 | TC048 M5 | T15 |
| AP501 | ● | SCLCR 2020 K09-IC | 125 | 25 | 20 | 25 | 20 | 0,418 | | | | | |
| AP502 | ● | SCLCR 2020 K12-IC | 125 | 30 | 20 | 25 | 20 | 0,370 | CCMT 1204 | TC075 M4x11 | TA015-1 | TC049-1 M6 | |
| AP503 | ● | SCLCR 2525 M12-IC | 150 | 30 | 25 | 32 | 25 | 0,771 | | | | | |

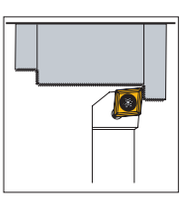
## İçten Soğutmalı Diş Çap Kater
*External Turning Holders With Coolant*

### 95° SCLCL IC





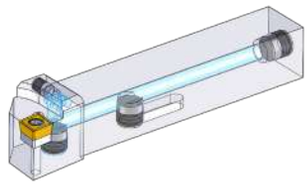



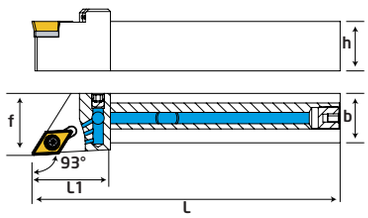
| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Altlık *Shim U-Platte* | Altlık Civatası *Shim Screw U-Platte Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L | L1 | h | f | b | kg | | | | | |
| AP505 | ● | SCLCL 1616 H09-IC | 100 | 25 | 16 | 20 | 16 | 0,205 | CCMT 09T3 | TC068 M3,5x11 | TA015 | TC048 M5 | T15 |
| AP506 | ● | SCLCL 2020 K09-IC | 125 | 25 | 20 | 25 | 20 | 0,418 | | | | | |
| AP507 | ● | SCLCL 2020 K12-IC | 125 | 30 | 20 | 25 | 20 | 0,375 | CCMT 1204 | TC075 M4x11 | TA015-1 | TC049-1 M6 | |
| AP508 | ● | SCLCL 2525 M12-IC | 150 | 30 | 25 | 32 | 25 | 0,771 | | | | | |

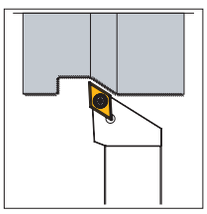
## İçten Soğutmalı Diş Çap Kater
*External Turning Holders With Coolant*

### 93° SDJCR IC





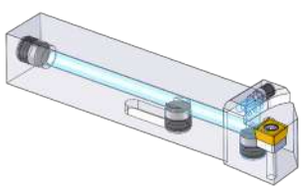



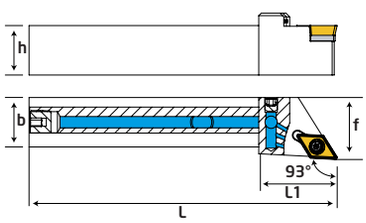
| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Altlık *Shim U-Platte* | Altlık Civatası *Shim Screw U-Platte Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L | L1 | h | f | b | kg | | | | | |
| AP509 | ● | SDJCR 1212 J11-IC | 110 | 32 | 12 | 16 | 12 | 0,107 | DCMT 11T3 | TC068 M3,5x11 | TA030 | TC048 M5 | T15 |
| AP510 | ● | SDJCR 1616 H11-IC | 100 | 32 | 16 | 20 | 16 | 0,204 | | | | | |
| AP511 | ● | SDJCR 2020 K11-IC | 125 | 32 | 20 | 25 | 20 | 0,404 | | | | | |
| AP512 | ● | SDJCR 2525 M11-IC | 150 | 35 | 25 | 32 | 25 | 0,735 | | | | | |

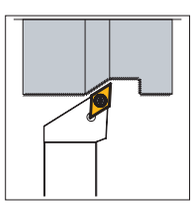
## İçten Soğutmalı Diş Çap Kater
*External Turning Holders With Coolant*

### 93° SDJCL IC





| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Altlık *Shim U-Platte* | Altlık Civatası *Shim Screw U-Platte Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L | L1 | h | f | b | kg | | | | | |
| AP514 | ● | SDJCL 1212 J11-IC | 110 | 32 | 12 | 16 | 12 | 0,107 | DCMT 11T3 | TC068 M3,5x11 | TA030 | TC048 M5 | T15 |
| AP515 | ● | SDJCL 1616 H11-IC | 100 | 32 | 16 | 20 | 16 | 0,204 | | | | | |
| AP516 | ● | SDJCL 2020 K11-IC | 125 | 32 | 20 | 25 | 20 | 0,404 | | | | | |
| AP517 | ● | SDJCL 2525 M11-IC | 150 | 35 | 25 | 32 | 25 | 0,735 | | | | | |

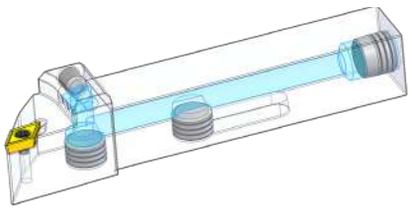
● *Stokta/ In Stock / Lager* ○ *Sınırlı Stok / Limited Stock / Begrenzte Lagerhaltung*

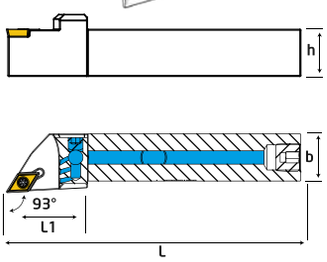
## İçten Soğutmalı Diş Çap Kater
*External Turning Holders With Coolant*

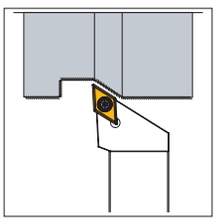
### 93° SDJCR IC

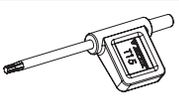
NEW PRODUCT





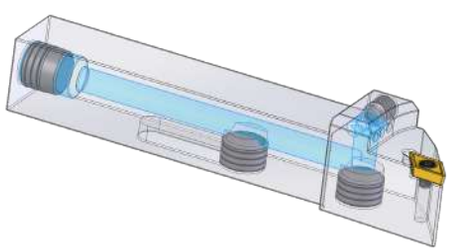
| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Uç *Insert WSP* | Civata *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L | L1 | h | f | b | kg |  |  |  |
| AP560 | ● | SDJCR 1212 K07-IC | 125 | 27 | 12 | 16 | 12 | 0,175 | DCMT 0702 | TC060 M2,5x5,5 | T8 |
| AP561 | ● | SDJCR 1616 H07-IC | 100 | 27 | 16 | 20 | 16 | 0,210 | | | |
| AP562 | ● | SDJCR 2020 K07-IC | 125 | 27 | 20 | 25 | 20 | 0,400 | | | |

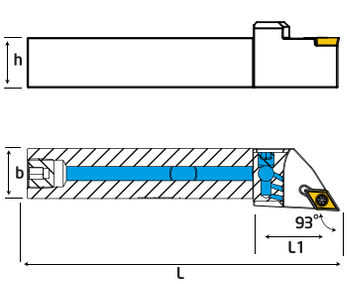
## İçten Soğutmalı Diş Çap Kater
*External Turning Holders With Coolant*

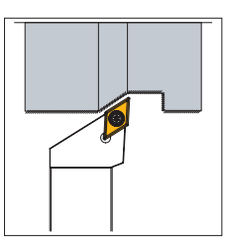
### 93° SDJCL IC

NEW PRODUCT





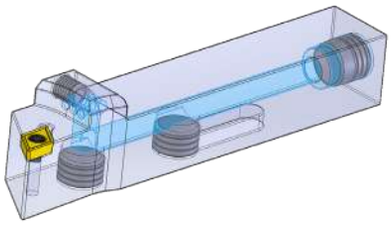
| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Uç *Insert WSP* | Civata *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L | L1 | h | f | b | kg |  |  |  |
| AP565 | ● | SDJCL 1212 K07-IC | 125 | 16 | 16 | 12 | 16 | 0,175 | DCMT 0702 | TC060 M2,5x5,5 | T8 |
| AP566 | ● | SDJCL 1616 H07-IC | 100 | 27 | 16 | 20 | 16 | 0,210 | | | |
| AP567 | ● | SDJCL 2020 K07-IC | 125 | 27 | 20 | 25 | 20 | 0,400 | | | |

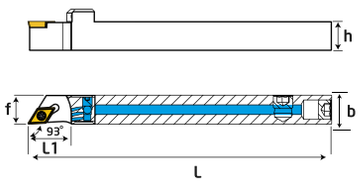
## İçten Soğutmalı Diş Çap Kater F Tipi
*External Turning Holders With Coolant Type F*

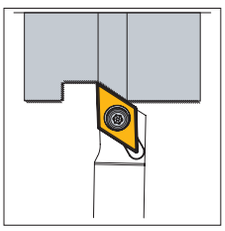
**93° SDJCR -F IC**

NEW PRODUCT







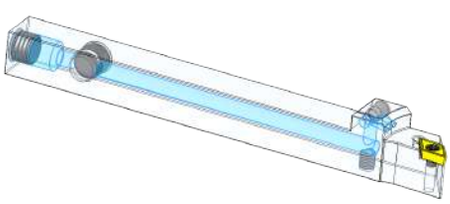



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Altlık *Shim U-Platte* | Altlık Civatası *Shim Screw U-Platte Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L | L1 | h | f | b | kg | | | | | |
| AP569 | ● | SDJCR 1212 K07-F-IC | 125 | 27 | 12 | 16 | 12 | 0,175 | DCMT 0702 | TC060 M2,5x5,5 | --- | --- | T8 |
| AP570 | ● | SDJCR 1616 H07-F-IC | 100 | 27 | 16 | 16 | 16 | 0,210 | | | | | |
| AP571 | ● | SDJCR 1212 J11-F-IC | 110 | 32 | 12 | 12 | 12 | 0,106 | DCMT11T3 | TC067 M3,5x8,5 | TA030 | TC048 M5 | T15 |
| AP572 | ● | SDJCR 1616 H11-F-IC | 100 | 32 | 16 | 16 | 16 | 0,167 | | | | | |

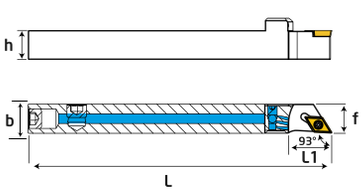
## İçten Soğutmalı Diş Çap Kater F Tipi
*External Turning Holders With Coolant Type F*

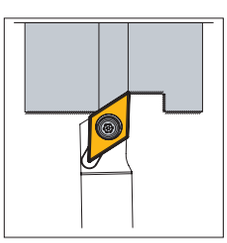
**93° SDJCL-F IC**

NEW PRODUCT







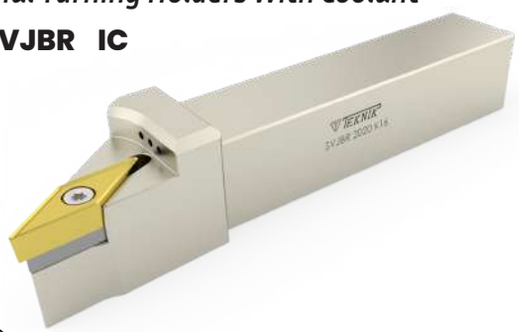



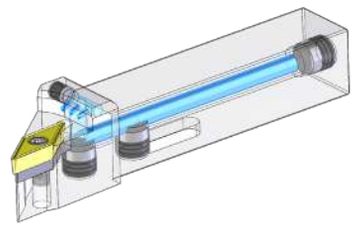
| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Altlık *Shim U-Platte* | Altlık Civatası *Shim Screw U-Platte Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L | L1 | h | f | b | kg | | | | | |
| AP573 | ● | SDJCL 1212 K07 F-IC | 125 | 27 | 12 | 12 | 12 | 0,175 | DCMT 0702 | TC060 M2,5x5,5 | --- | --- | T8 |
| AP574 | ● | SDJCL 1616 H07-F-IC | 100 | 27 | 16 | 16 | 16 | 0,210 | | | | | |
| AP575 | ● | SDJCL 1212 J11-F-IC | 110 | 32 | 12 | 12 | 12 | 0,106 | DCMT 11T3 | TC067 M3,5x8,5 | TA030 | TC048 M5 | T15 |

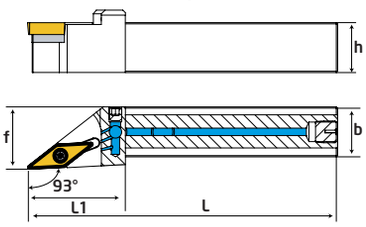
● *Stokta/ In Stock / Lager* ○ *Sınırlı Stok / Limited Stock / Begrenzte Lagerhaltung*

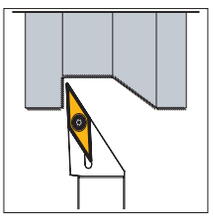
## İçten Soğutmalı Diş Çap Kater
*External Turning Holders With Coolant*

### 93° SVJBR IC





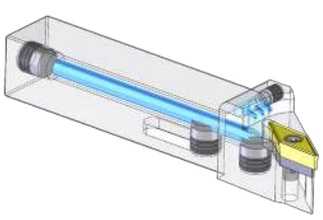


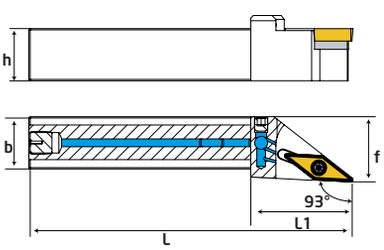
| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Altlık *Shim U-Platte* | Altlık Civatası *Shim Screw U-Platte Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L | L1 | h | f | b | kg | | | | | |
| AP540 | ● | SVJBR 1010 J11-IK | 110 | 30 | 10 | 12 | 10 | 0,097 | VBMT 1103 | TC061 M2,5x6,5 | --- | --- | T8 |
| AP541 | ● | SVJBR 1212 J11-IK | 110 | 32 | 12 | 16 | 12 | 0,141 | | | | | |
| AP545 | ● | SVJBR 2020 K16-IK | 125 | 40 | 20 | 25 | 20 | 0,192 | VBMT 1604 | TC068 M3,5x11 | TA034 | TC048 M5 | T15 |
| AP546 | ● | SVJBR 2525 M16-IK | 150 | 40 | 25 | 32 | 25 | 0,574 | | | | | |

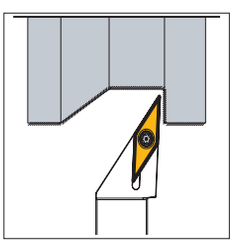
## İçten Soğutmalı Diş Çap Kater
*External Turning Holders With Coolant*

### 93° SVJBL IC







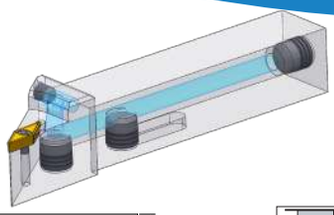



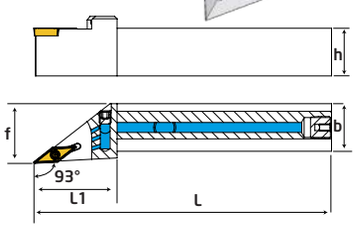
| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Altlık *Shim U-Platte* | Altlık Civatası *Shim Screw U-Platte Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L | L1 | h | f | b | kg | | | | | |
| AP550 | ● | SVJBL 1010 J11-IK | 110 | 30 | 10 | 12 | 10 | 0,097 | VBMT 1103 | TC061 M2,5x6,5 | --- | --- | T8 |
| AP551 | ● | SVJBL 1212 J11-IK | 110 | 32 | 12 | 16 | 12 | 0,141 | | | | | |
| AP552 | ● | SVJBL 1616 H11-IK | 100 | 35 | 16 | 20 | 16 | 0,167 | | | | | |
| AP555 | ● | SVJBL 2020 K16-IK | 125 | 40 | 20 | 25 | 20 | 0,192 | VBMT 1604 | TC068 M3,5x11 | TA034 | TC048 M5 | T15 |
| AP556 | ● | SVJBL 2525 M16-IK | 150 | 40 | 25 | 32 | 25 | 0,574 | | | | | |

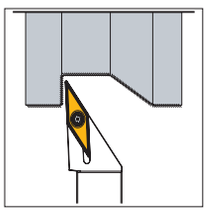
## İçten Soğutmalı Diş Çap Kater
*External Turning Holders With Coolant*

### 93° SVJCR IC







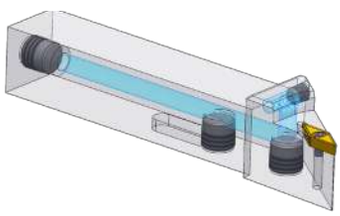



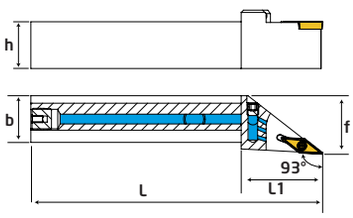
| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Altlık *im U-Platte* | Altlık Civatası *Shim Screw U-Platte Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L | L1 | h | f | b | kg | | | | | |
| AP519 | ● | SVJCR 1212 J11-IK | 110 | 32 | 12 | 16 | 12 | 0,109 | VCMT 1103 | TC061 M2,5x6,5 | --- | --- | T8 |
| AP520 | ● | SVJCR 1616 H11-IK | 100 | 25 | 16 | 20 | 16 | 0,204 | | | | | |
| AP521 | ● | SVJCR 2020 K11-IK | 125 | 33 | 20 | 25 | 20 | 0,378 | | | | | |
| AP522 | ● | SVJCR 2525 M11-IK | 150 | 40 | 25 | 32 | 25 | 0,627 | | | | | |
| AP525 | ● | SVJCR 2020 K16-IK | 125 | 33 | 20 | 25 | 20 | 0,385 | VCMT 1604 | TC068 M3,5x11 | TA034 | TC048 M5 | T15 |
| AP526 | ● | SVJCR 2525 M16-IK | 150 | 40 | 25 | 32 | 25 | 0,683 | | | | | |

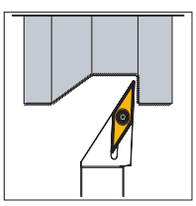
## İçten Soğutmalı Diş Çap Kater
*External Turning Holders With Coolant*

### 93° SVJCL IC







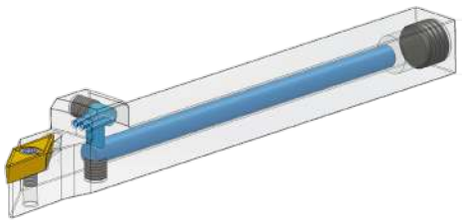
| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Altlık *im U-Platte* | Altlık Civatası *Shim Screw U-Platte Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L | L1 | h | f | b | kg | | | | | |
| AP529 | ● | SVJCL 1212 J11-IK | 110 | 32 | 12 | 16 | 12 | 0,109 | VCMT 1103 | TC061 M2,5x6,5 | --- | --- | T8 |
| AP530 | ● | SVJCL 1616 H11-IK | 100 | 25 | 16 | 20 | 16 | 0,204 | | | | | |
| AP531 | ● | SVJCL 2020 K11-IK | 125 | 33 | 20 | 25 | 20 | 0,378 | | | | | |
| AP532 | ● | SVJCL 2525 M11-IK | 150 | 40 | 25 | 32 | 25 | 0,627 | | | | | |
| AP535 | ● | SVJCL 2020 K16-IK | 125 | 33 | 20 | 25 | 20 | 0,385 | VCMT 1604 | TC068 M3,5x11 | TA034 | TC048 M5 | T15 |
| AP536 | ● | SVJCL 2525 M16-IK | 150 | 40 | 25 | 32 | 25 | 0,683 | | | | | |

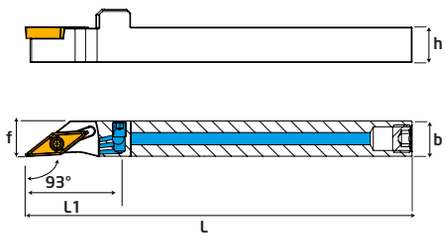
● *Stokta/ In Stock / Lager* ○ *Sınırlı Stok / Limited Stock / Begrenzte Lagerhaltung*

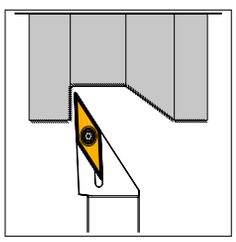
## İçten Soğutmalı Diş Çap Kater
*External Turning Holders With Coolant*

### 93° SVJBR-F IC



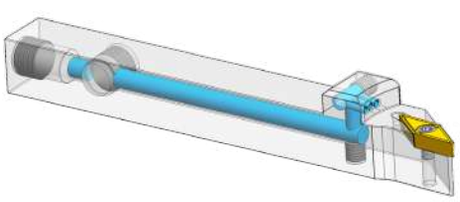





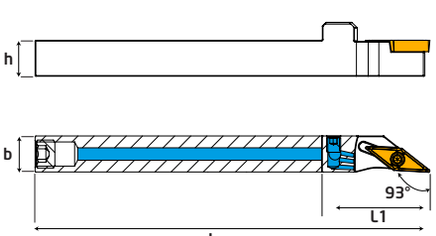



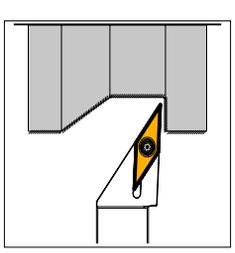
| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L | L1 | h | f | b | kg | | | |
| AP547 | ● | SVJBR 1010 J11-F-IK | 110 | 30 | 10 | 10 | 10 | 0,072 | VBMT 1103 | TC061 M2,5x6,5 | T8 |
| AP548 | ● | SVJBR 1212 J11-F-IK | 110 | 32 | 12 | 12 | 12 | 0,105 | | | |
| AP549 | ● | SVJBR 1616 H11-F-IK | 100 | 35 | 16 | 16 | 16 | 0,160 | | | |

### 93° SVJBL-F IC





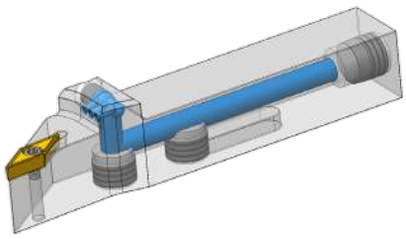



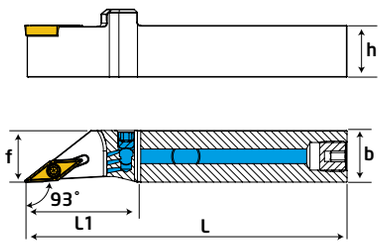



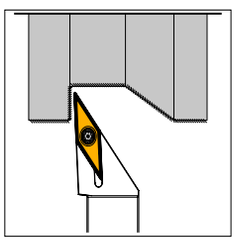
| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L | L1 | h | f | b | kg | | | |
| AP557 | ● | SVJBL 1010 J11-F-IK | 110 | 30 | 10 | 10 | 10 | 0,072 | VBMT 1103 | TC061 M2,5x6,5 | T8 |
| AP558 | ● | SVJBL 1212 J11-F-IK | 110 | 32 | 12 | 12 | 12 | 0,105 | | | |

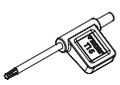
## 93° SVJCR-F IC



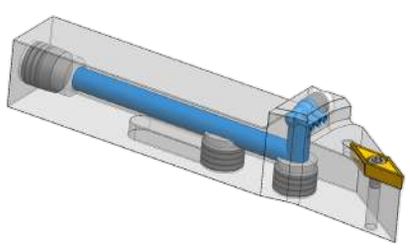





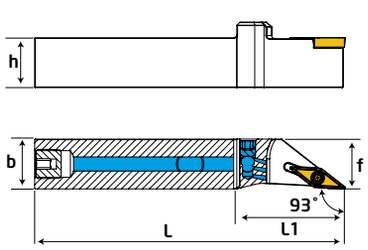



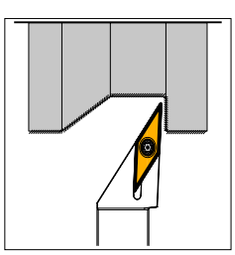
| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L | L1 | h | f | b | kg |  |  |  |
| AP527 | ● | SVJCR 1212 J11-F-IK | 110 | 32 | 12 | 12 | 12 | 0,102 | VCMT 1103 | TC061 M2,5x6,5 | T8 |
| AP528 | ● | SVJCR 1616 H11-F-IK | 100 | 35 | 16 | 16 | 16 | 0,185 | | | |

## 93° SVJCL-F IC





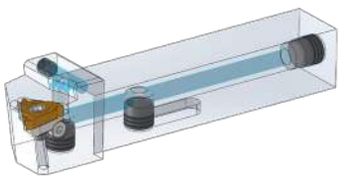



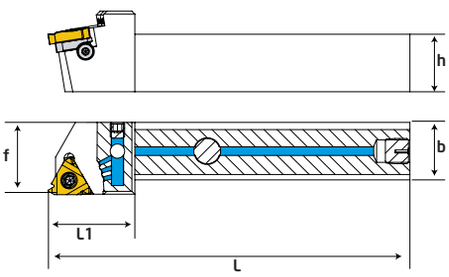
| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L | L1 | h | f | b | kg |  |  |  |
| AP537 | ● | SVJCL 1212 J11-F-IK | 110 | 32 | 12 | 12 | 12 | 0,102 | VCMT 1103 | TC061 M2,5x6,5 | T8 |
| AP538 | ● | SVJCL 1616 H11-F-IK | 100 | 35 | 16 | 16 | 16 | 0,185 | | | |

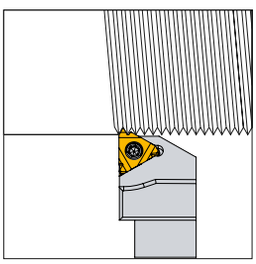
## Dış Çap Diş Kateri IC
*External Threading Toolholders With Coolant*

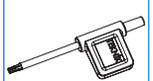
NEW PRODUCT





| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Altlık *Shim U-Platte* | Pul *Washer U-Scheibe* | Altlık Civatası *Shim Screw U-Platte Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | h | b | f | L | L1 | (kg) |  |  |  |  |  |  |
| AP602 | ● | SER 2020 K16 - ER16 IK | 20 | 20 | 20 | 125 | 30 | 0,449 | 16 ER | TC068 M3,5x11 | TA061 | TA060 | TC062 M3 | T15 |
| AP604 | ● | SER 2525 M16 - ER16 IK | 25 | 25 | 25 | 150 | 30 | 0,842 | | | | | | |

TEKNİK
Cutting Tools

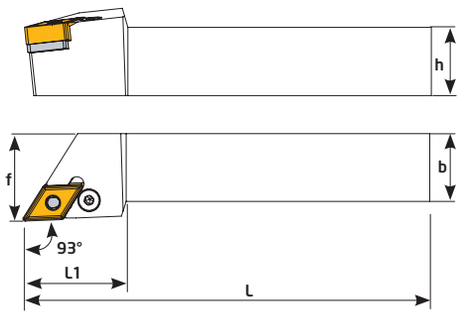
# P Sistem Diş Çap Kater
# P System External Turning Holder
# P System Klemmhalter

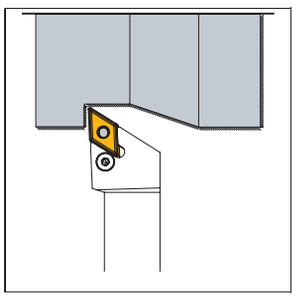



**Technical Solution for Quality**

## 93° PDJNR



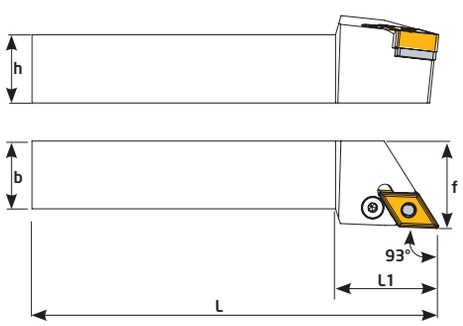



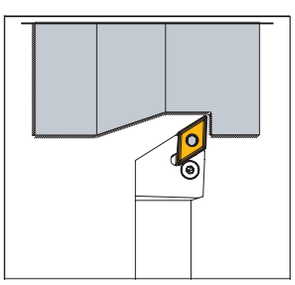



| Sipariş Kodu *Order Code Best.-Nr.* | **Stok**/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Klemm-Schraube* | Altlık *Shim U-Platte* | Levye Sacı *Lock Pin Rohrstift* | Levye *Lever Kniehebel* | Anahtar *Allen Key Inbuss-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L | L1 | h | f | b | kg | | | | | | |
| P107 | ● | PDJNR 1616 H11 | 100 | 25 | 16 | 25 | 16 | 0,242 | DNMG 1104 | TH613 | TA013 | TS-3 | TL3 | 2,5 Allen |
| P108 | ● | PDJNR 2020 K11 | 125 | 30 | 20 | 25 | 20 | 0,435 | | TH617 | | | | |
| P109 | ● | PDJNR 2525 M11 | 150 | 30 | 25 | 32 | 25 | 0,767 | | | | | | |
| P110 | ● | PDJNR 2020 K15 | 125 | 35 | 20 | 25 | 20 | 0,402 | DNMG 1506 | TH821 | TA014-1 | TS-4 | TL4B | 3 Allen |
| P112 | ● | PDJNR 2525 M15 | 150 | 38 | 25 | 32 | 25 | 0,730 | | TH825 | | | | |
| P114 | ● | PDJNR 3232 P15 | 170 | 38 | 32 | 40 | 32 | 1,384 | | | | | | |

## 93° PDJNL

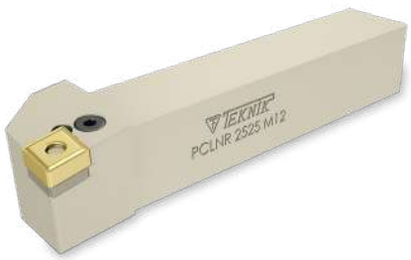


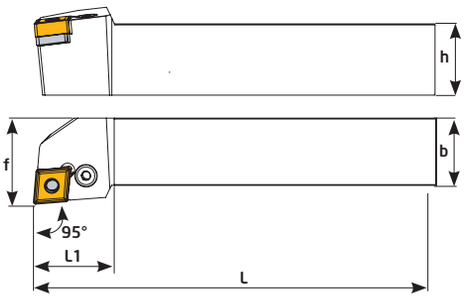



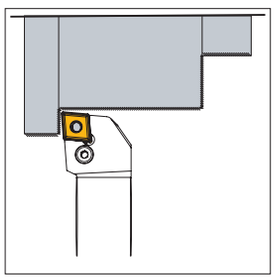



| Sipariş Kodu *Order Code Best.-Nr.* | **Stok**/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Klemm-Schraube* | Altlık *Shim U-Platte* | Levye Sacı *Lock Pin Rohrstift* | Levye *Lever Kniehebel* | Anahtar *Allen Key Inbuss-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L | L1 | h | f | b | kg | | | | | | |
| P119 | ● | PDJNL 1616 H11 | 100 | 25 | 16 | 25 | 16 | 0,242 | DNMG 1104 | TH613 | TA013 | TS-3 | TL3 | 2,5 Allen |
| P120 | ● | PDJNL 2020 K11 | 125 | 30 | 20 | 25 | 20 | 0,435 | | TH617 | | | | |
| P121 | ● | PDJNL 2525 M11 | 150 | 30 | 25 | 32 | 25 | 0,767 | | | | | | |
| P122 | ● | PDJNL 2020 K15 | 125 | 35 | 20 | 25 | 20 | 0,402 | DNMG 1506 | TH821 | TA014-1 | TS-4 | TL4B | 3 Allen |
| P124 | ● | PDJNL 2525 M15 | 150 | 38 | 25 | 32 | 25 | 0,730 | | TH825 | | | | |
| P126 | ● | PDJNL 3232 P15 | 170 | 38 | 32 | 40 | 32 | 1,384 | | | | | | |

## 95° PCLNR



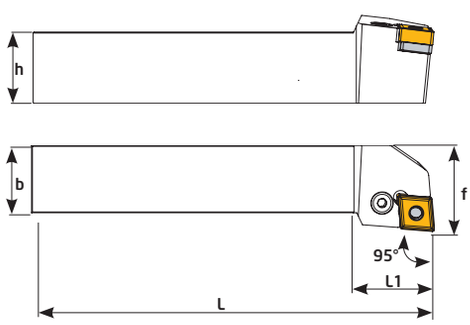



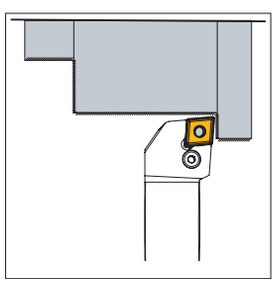



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/*Stock/Lager* | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Klemm-Schraube* | Altlık *Shim U-Platte* | Levye Sacı *Lock Pin Rohrstift* | Levye *Lever Kniehebel* | Anahtar *Allen Key Inbuss-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L | L1 | h | f | b | kg | | | | | | |
| P126-1 | ● | PCLNR 1616 H09 | 100 | 20 | 16 | 20 | 16 | 0,231 | CNMG 09T3 | TH617 | TA023 | TS3 | TL3 | 2,5 Allen |
| P127 | ● | PCLNR 2020 K09 | 125 | 22 | 20 | 25 | 20 | 0,428 | | | | | | |
| P128 | ● | PCLNR 2525 M09 | 150 | 22 | 25 | 32 | 25 | 0,785 | | | | | | |
| P129 | ● | PCLNR 1616 H12 | 100 | 30 | 16 | 20 | 16 | 0,225 | CNMG 1204 | TH818 | TA016-1 | TS4 | TL4 | 3 Allen |
| P130 | ● | PCLNR 2020 K12 | 125 | 30 | 20 | 25 | 20 | 0,421 | | TH821 | | | | |
| P132 | ● | PCLNR 2525 M12 | 150 | 30 | 25 | 32 | 25 | 0,766 | | | | | | |
| P134 | ● | PCLNR 3232 P12 | 170 | 30 | 32 | 40 | 32 | 1,429 | | | | | | |

## 95° PCLNL



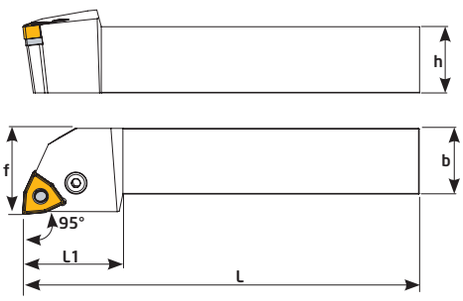



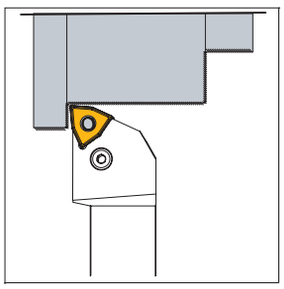
| Sipariş Kodu *Order Code Best.-Nr.* | Stok/*Stock/Lager* | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Klemm-Schraube* | Altlık *Shim U-Platte* | Levye Sacı *Lock Pin Rohrstift* | Levye *Lever Kniehebel* | Anahtar *Allen Key Inbuss-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L | L1 | h | f | b | kg | | | | | | |
| P136 | ● | PCLNL 1616 H09 | 100 | 20 | 16 | 20 | 16 | 0,231 | CNMG 09T3 | TH617 | TA023 | TS3 | TL3 | 2,5 Allen |
| P137 | ● | PCLNL 2020 K09 | 125 | 22 | 20 | 25 | 20 | 0,428 | | | | | | |
| P138 | ● | PCLNL 2525 M09 | 150 | 22 | 25 | 32 | 25 | 0,785 | | | | | | |
| P139 | ● | PCLNL 1616 H12 | 100 | 30 | 16 | 20 | 16 | 0,225 | CNMG 1204 | TH 818 | TA016-1 | TS4 | TL4 | 3 Allen |
| P140 | ● | PCLNL 2020 K12 | 125 | 30 | 20 | 25 | 20 | 0,421 | | TH821 | | | | |
| P142 | ● | PCLNL 2525 M12 | 150 | 30 | 25 | 32 | 25 | 0,766 | | | | | | |
| P144 | ● | PCLNL 3232 P12 | 170 | 30 | 32 | 40 | 32 | 1,429 | | | | | | |

● *Stokta/ In Stock / Lager* ○ *Sınırlı Stok / Limited Stock / Begrenzte Lagerhaltung*

## 95° PWLNR 08

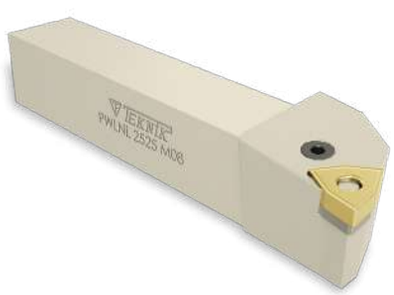


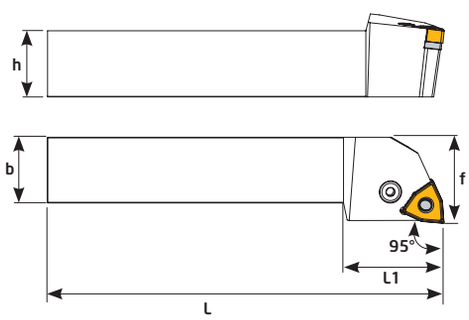



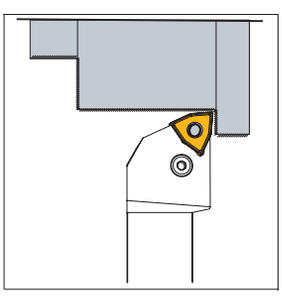



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Klemm Schraube* | Altlık *Shim U-Platte* | Levye Sacı *Lock Pin Rohrstift* | Levye *Lever Kniehebel* | Anahtar *Allen Key Inbuss-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L | L1 | h | f | b | kg | | | | | | |
| P150 | ● | PWLNR 2020 K08 | 125 | 30 | 20 | 25 | 20 | 0,430 | WNMG 0804 | TH821 | TA020-1 | TS4 | TL4 | 3 Allen |
| P151 | ● | PWLNR 2525 M08 | 150 | 38 | 25 | 32 | 25 | 0,773 | | | | | | |
| P152 | ● | PWLNR 3232 P08 | 170 | 38 | 32 | 40 | 32 | 1,421 | | | | | | |

## 95° PWLNL 08



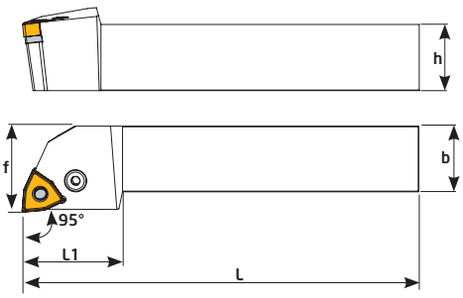



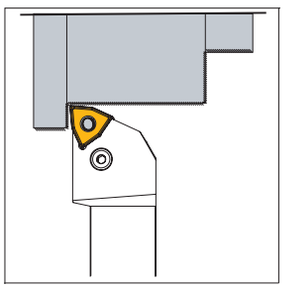



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Klemm-Schraube* | Altlık *Shim U-Platte* | Levye Sacı *Lock Pin Rohrstift* | Levye *Lever Kniehe-bel* | Anahtar *Allen Key Inbuss-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L | L1 | h | f | b | kg | | | | | | |
| P155 | ● | PWLNL 2020 K08 | 125 | 30 | 20 | 25 | 20 | 0,430 | WNMG 0804 | TH821 | TA020-1 | TS4 | TL4 | 3 Allen |
| P156 | ● | PWLNL 2525 M08 | 150 | 38 | 25 | 32 | 25 | 0,773 | | | | | | |
| P157 | ● | PWLNL 3232 P08 | 170 | 38 | 32 | 40 | 32 | 1,421 | | | | | | |

## 95° PWLNR 06



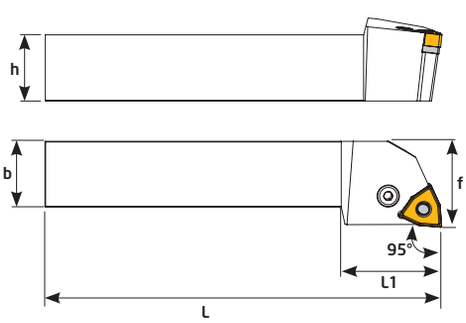



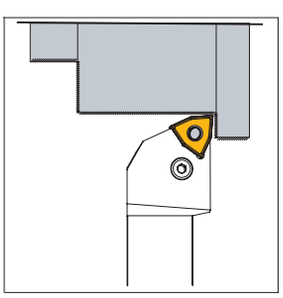



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Klemm-Schraube* | Altlık *Shim U-Platte* | Levye Sacı *Lock Pin Rohrstift* | Levye *Lever Kniehebel* | Anahtar *Allen Key Inbuss-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L | L1 | h | f | b | kg | | | | | | |
| P158 | ● | PWLNR 1616 H06 | 100 | 30 | 16 | 20 | 16 | 0,223 | WNMG 0604 | TH617 | TA021 | TS3 | TL3 | 2,5 Allen |
| P160 | ● | PWLNR 2020 K06 | 125 | 30 | 20 | 25 | 20 | 0,429 | | | | | | |
| P161 | ● | PWLNR 2525 M06 | 150 | 30 | 25 | 32 | 25 | 0,758 | | | | | | |

## 95° PWLNL 06



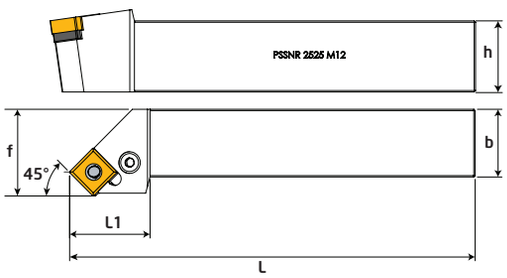



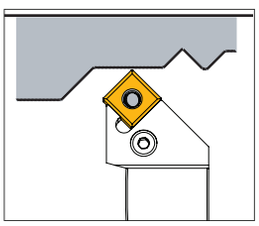



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Klemm-Schraube* | Altlık *Shim U-Platte* | Levye Sacı *Lock Pin Rohrstift* | Levye *Lever Kniehebel* | Anahtar *Allen Key Inbuss-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L | L1 | h | f | b | kg | | | | | | |
| P164 | ● | PWLNL 1616 H06 | 100 | 30 | 16 | 20 | 16 | 0,223 | WNMG 0604 | TH617 | TA021 | TS3 | TL3 | 2,5 Allen |
| P165 | ● | PWLNL 2020 K06 | 125 | 30 | 20 | 25 | 20 | 0,429 | | | | | | |
| P166 | ● | PWLNL 2525 M06 | 150 | 30 | 25 | 32 | 25 | 0,758 | | | | | | |

## 45° PSSNR



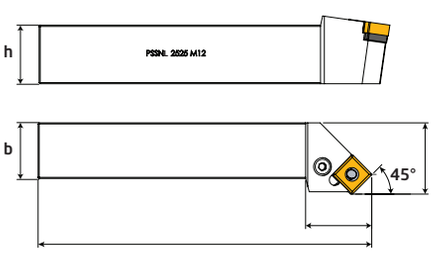


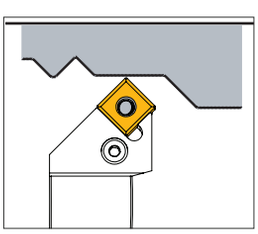



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Klemm-Schraube* | Altlık *Shim U-Platte* | Levye Sacı *Lock Pin Rohrstift* | Levye *Lever Kniehebel* | Anahtar *Allen Key Inbuss-Schlüs-sel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L | L1 | h | f | b | kg | | | | | | |
| P170 | ● | PSSNR 1616 H12 | 100 | 30 | 16 | 20 | 16 | 0,218 | SNMG 1204 | TH818 | TA050 | TS4 | TL4 | 3 Allen |
| P171 | ● | PSSNR 2020 K12 | 125 | 30 | 20 | 25 | 20 | 0,416 | | TH821 | | | | |
| P172 | ● | PSSNR 2525 M12 | 150 | 30 | 25 | 32 | 25 | 0,742 | | | | | | |

## 45° PSSNL



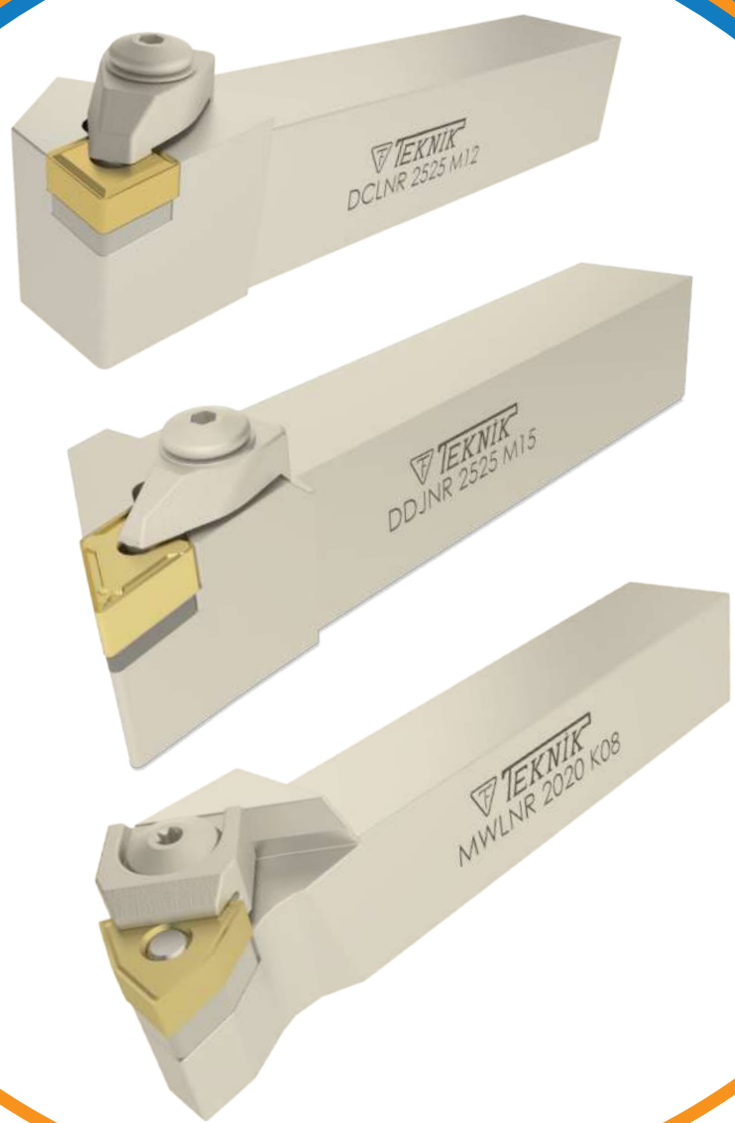


| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Klemm-Schraube* | Altlık *Shim U-Platte* | Levye Sacı *Lock Pin Rohrstift* | Levye *Lever Kniehebel* | Anahtar *Allen Key Inbuss-Schlüs-sel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L | L1 | h | f | b | kg | | | | | | |
| P180 | ● | PSSNL 1616 H12 | 100 | 30 | 16 | 20 | 16 | 0,218 | SNMG 1204 | TH818 | TA050 | TS4 | TL4 | 3 Allen |
| P181 | ● | PSSNL 2020 K12 | 125 | 30 | 20 | 25 | 20 | 0,416 | | TH821 | | | | |
| P182 | ● | PSSNL 2525 M12 | 150 | 30 | 25 | 32 | 25 | 0,742 | | | | | | |

TEKNİK
Cutting Tools

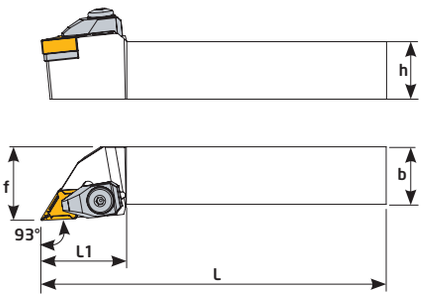
# D-M-C Sistem Dış Çap Kater
# D-M-C System External Turning Holder
# D-M-C System Klemmhalter

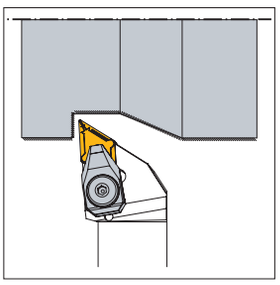



**Technical Solution for Quality**

## 93° DDJNR

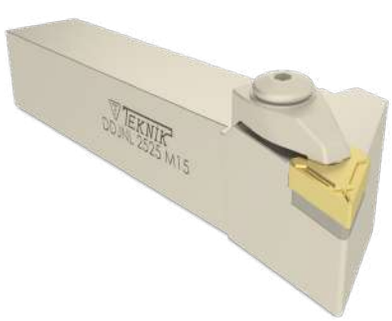


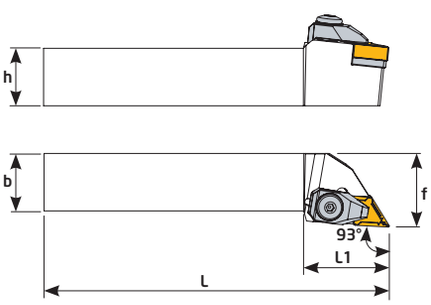



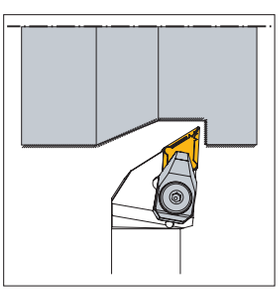



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Uç *Insert WSP* | Baskı Civatası *Locking Screw Verriegelungs Schraube* | Altlık *Shim U-Platte* | Altlık Civatası *Shim Screw U-Platte Schraube* | Baskı Kepi *Clamp Spann pratze* | Yay *Spring Feder* | Pul *Washer U-Scheibe* | Anahtar *Allen Key Inbuss-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L | L1 | h | f | b | kg | | | | | | | | |
| D167 | ● | DDJNR 2020 K11 | 125 | 30 | 20 | 25 | 20 | 0,421 | DN-- 1104 | TC046 M5 | TA013 | TC034 M3x7 | BK024 | BY041 | BSP031 | 3 Allen |
| D168 | ● | DDJNR 2525 M11 | 150 | 30 | 25 | 32 | 25 | 0,751 | | | | | | | | |
| D170 | ● | DDJNR 2020 K15 | 125 | 35 | 20 | 25 | 20 | 0,425 | DN-- 1506 | TC044 M6 | TA014-1 | TC038 M4x10 | BK020 | BY040 | BSP030 | 3 Allen |
| D172 | ● | DDJNR 2525 M15 | 150 | 35 | 25 | 32 | 25 | 0,756 | | | | | | | | |
| D174 | ● | DDJNR 3232 P15 | 170 | 35 | 32 | 40 | 32 | 1,345 | | | | | | | | |

## 93° DDJNL

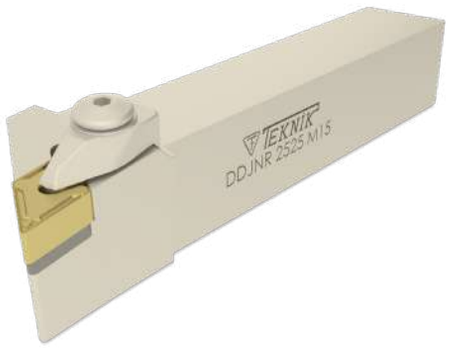


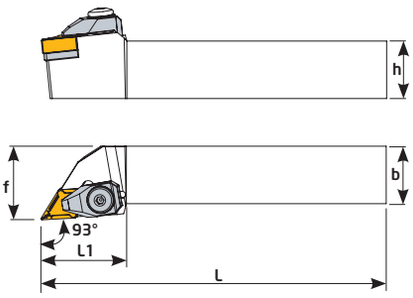



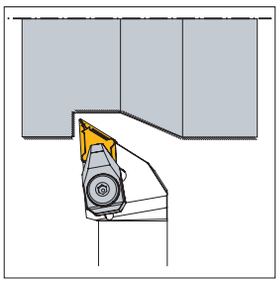



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Uç *Insert WSP* | Baskı Civatası *Locking Screw Verriegelungs Schraube* | Altlık *Shim U-Platte* | Altlık Civatası *Shim Screw U-Platte Schraube* | Baskı Kepi *Clamp Spann pratze* | Yay *Spring Feder* | Pul *Washer U-Scheibe* | Anahtar *Allen Key Inbuss-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L | L1 | h | f | b | kg | | | | | | | | |
| D307-1 | ● | DDJNL 2020 K11 | 125 | 30 | 20 | 25 | 20 | 0,421 | DN-- 1104 | TC046 M5 | TA013 | TC034 M3x7 | BK024 | BY041 | BSP031 | 3 Allen |
| D308 | ● | DDJNL 2525 M11 | 150 | 30 | 25 | 32 | 25 | 0,751 | | | | | | | | |
| D310 | ● | DDJNL 2020 K15 | 125 | 35 | 20 | 25 | 20 | 0,425 | DN-- 1506 | TC044 M6 | TA014-1 | TC038 M4x10 | BK020 | BY040 | BSP030 | 3 Allen |
| D312 | ● | DDJNL 2525 M15 | 150 | 35 | 25 | 32 | 25 | 0,756 | | | | | | | | |
| D314 | ● | DDJNL 3232 P15 | 170 | 35 | 32 | 40 | 32 | 1,345 | | | | | | | | |

## 93° DDJNR



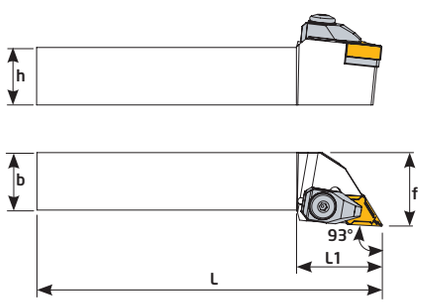



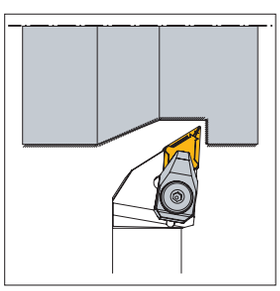



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Uç *Insert WSP* | Baskı Civatası *Locking Screw Verriegelungs Schraube* | Altlık *Shim U-Platte* | Altlık Civatası *Shim Screw U-Platte Schraube* | Baskı Kepi *Clamp Spann pratze* | Yay *Spring Feder* | Pul *Washer U-Scheibe* | Anahtar *Allen Key Inbuss-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L | L1 | h | f | b | kg | | | | | | | | |
| D171 | ● | DDJNR 2020 K15 | 125 | 38 | 20 | 25 | 20 | 0,426 | DN-- 1504 | TC044 M6 | TA014-1 | TC038 M4x10 | BK020 | BY040 | BSP030 | 3 Allen |
| D169 | ● | DDJNR 2525 M15 | 150 | 38 | 25 | 32 | 25 | 0,763 | | | | | | | | |

## 93° DDJNL



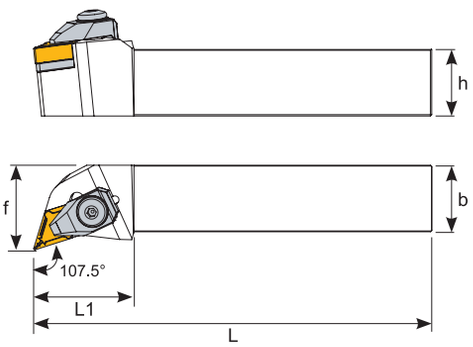



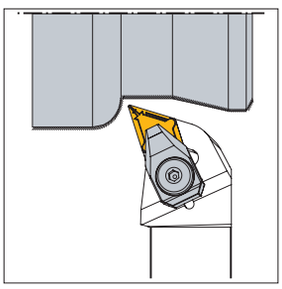
| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Uç *Insert WSP* | Baskı Civatası *Locking Screw Verriegelungs Schraube* | Altlık *Shim U-Platte* | Altlık Civatası *Shim Screw U-Platte Schraube* | Baskı Kepi *Clamp Spann pratze* | Yay *Spring Feder* | Pul *Washer U-Scheibe* | Anahtar *Allen Key Inbuss-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L | L1 | h | f | b | kg | | | | | | | | |
| D313 | ● | DDJNL 2020 K15 | 125 | 38 | 20 | 25 | 20 | 0,426 | DN-- 1504 | TC044 M6 | TA014-1 | TC038 M4x10 | BK020 | BY040 | BSP030 | 3 Allen |
| D309 | ● | DDJNL 2525 M15 | 150 | 38 | 25 | 32 | 25 | 0,763 | | | | | | | | |

● *Stokta/ In Stock / Lager* ○ *Sınırlı Stok / Limited Stock / Begrenzte Lagerhaltung*

## 107,5° DDHNR



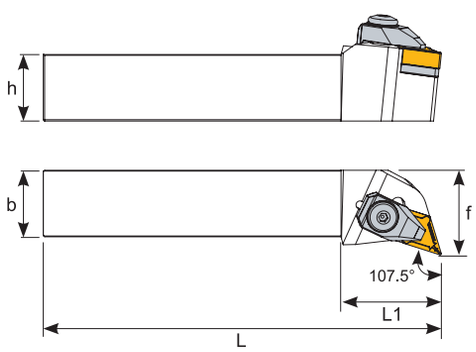


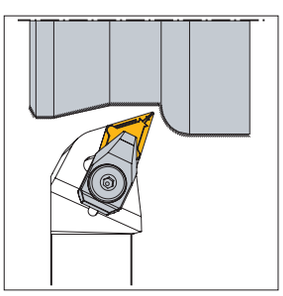



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Uç *Insert WSP* | Baskı Civatası *Locking Screw Verriegelungs Schraube* | Altlık *Shim U-Platte* | Altlık Civatası *Shim Screw U-Platte Schraube* | Baskı Kepi *Clamp Spann pratze* | Yay *Spring Feder* | Pul *Washer U-Schei-be* | Anahtar *Allen Key In-buss-Schlüs-sel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L | L1 | h | f | b | Kg |  |  |  |  |  |  |  |  |
| D096 | ● | DDHNR 2020 K15 | 125 | 33 | 20 | 25 | 20 | 0,428 | DN--1506 | TC044 M6 | TA014-1 | TC038 M4x10 | BK020 | BY040 | BSP030 | 3 Allen |
| D097 | ● | DDHNR 2525 M15 | 150 | 33 | 25 | 32 | 25 | 0,753 | | | | | | | | |
| D098 | ● | DDHNR 3232 P15 | 170 | 33 | 32 | 40 | 32 | 1,290 | | | | | | | | |

## 107,5° DDHNL



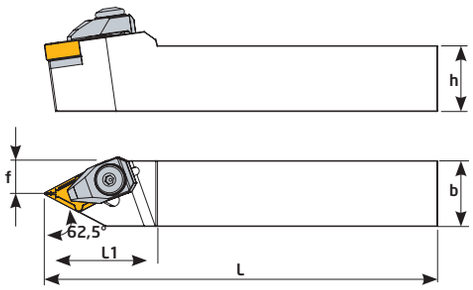


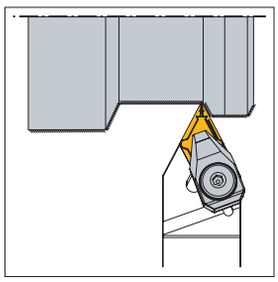



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Uç *Insert WSP* | Baskı Ci-vatası *Locking Screw Verriegelungs Schraube* | Altlık *Shim U-Platte* | Altlık Civatası *Shim Screw U-Platte Schraube* | Baskı Kepi *Clamp Spann pratze* | Yay *Spring Feder* | Pul *Washer U-Schei-be* | Anahtar *Allen Key In-buss-Schlüs-sel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L | L1 | h | f | b | Kg |  |  |  |  |  |  |  |  |
| D295 | ● | DDHNL 2020 K15 | 125 | 33 | 20 | 25 | 20 | 0,428 | DN--1506 | TC044 M6 | TA014-1 | TC038 M4x10 | BK020 | BY040 | BSP030 | 3 Allen |
| D296 | ● | DDHNL 2525 M15 | 150 | 33 | 25 | 32 | 25 | 0,753 | | | | | | | | |
| D297 | ● | DDHNL 3232 P15 | 170 | 33 | 32 | 40 | 32 | 1,290 | | | | | | | | |

## 62,5° DDNNN





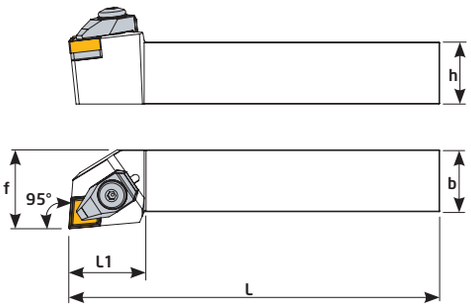
| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Uç *Insert WSP* | Baskı Civatası *Locking Screw Verriegelungs Schraube* | Altlık *Shim U-Platte* | Altlık Civatası *Shim Screw U-Platte Schraube* | Baskı Kepi *Clamp Spann pratze* | Yay *Spring Feder* | Pul *Washer U-Scheibe* | Anahtar *Allen Key Inbuss-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L | L1 | h | f | b | kg | | | | | | | | |
| D103 | ● | DDNNN 2525 M11 | 150 | 38 | 25 | 25 | 25 | 0,700 | DNMG 1104 | TC046 M5 | TA030 | TC075 M4x11 | BK024 | BY041 | BSP031 | 3 Allen |
| D104 | ● | DDNNN 2020 K15 | 125 | 40 | 20 | 10 | 20 | 0,404 | DN-- 1506 | TC044 M6 | TA014-1 | TC038 M4x10 | BK020 | BY040 | BSP030 | |
| D106 | ● | DDNNN 2525 M15 | 150 | 40 | 25 | 12,5 | 25 | 0,724 | | | | | | | | |
| D109 | ● | DDNNN 3232 P15 | 170 | 40 | 32 | 16 | 32 | 1,290 | | | | | | | | |

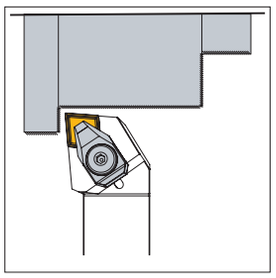



● *Stokta/ In Stock/ Lager* ○ *Sınırlı Stok/ Limited Stock/ Begrenzte Lagerhaltung*

## 95° DCLNR

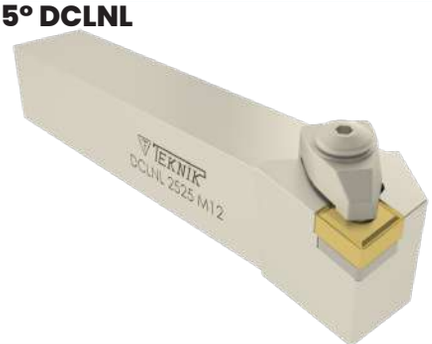


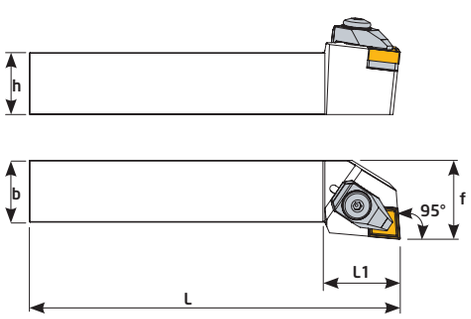



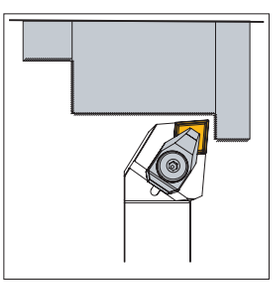



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Uç *Insert WSP* | Altlık *Shim U-Platte* | Altlık Civatası *Shim Screw U-Platte Schraube* | Baskı Kepi *Clamp Spann pratze* | Baskı Civatası *Locking Screw Verriege-lungs Schraube* | Yay *Spring Feder* | Pul *Washer U-Schei-be* | Anahtar *Allen Key In-buss-Schlüs-sel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L | L1 | h | f | b | kg | | | | | | | | |
| D160 | ● | DCLNR 2020 K12 | 125 | 30 | 20 | 25 | 20 | 0,441 | CN-- 1204 | TA016-1 | TC038 M4x10 | BK020 | TC044 M6 | BY040 | BSP030 | 3 Allen |
| D162 | ● | DCLNR 2525 M12 | 150 | 30 | 25 | 32 | 25 | 0,785 | | | | | | | | |
| D164 | ● | DCLNR 3232 P12 | 170 | 30 | 32 | 40 | 32 | 1,379 | | | | | | | | |
| D162-1 | ● | DCLNR 2525 M16 | 150 | 36 | 25 | 32 | 25 | 0,432 | CN-- 1606 | TA022 | TC095 M5x11,8 | BK018 | | | | |
| D165 | ● | DCLNR 3232 P16 | 170 | 36 | 32 | 40 | 32 | 1,407 | | | | | | | | |
| D163 | ● | DCLNR 2525 M19 | 150 | 40 | 25 | 32 | 25 | 0,820 | CN-- 1906 | TA017 | TC039 M6x12 | BK025 | TC047 M8 | BY044 | BSP032 | 5 Allen |
| D166 | ● | DCLNR 3232 P19 | 170 | 40 | 32 | 40 | 32 | 1,430 | | | | | | | | |
| D166-1 | ● | DCLNR 4040 S19 | 250 | 40 | 40 | 40 | 40 | 3,195 | | | | | | | | |

## 95° DCLNL



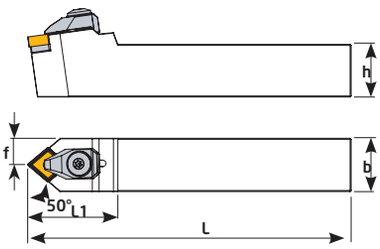



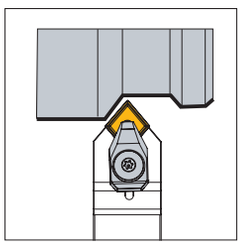



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Uç *Insert WSP* | Altlık *Shim U-Platte* | Altlık Civatası *Shim Screw U-Platte Schraube* | Baskı Kepi *Clamp Spann pratze* | Baskı Civatası *Locking Screw Verriege-lungs Schraube* | Yay *Spring Feder* | Pul *Washer U-Schei-be* | Anahtar *Allen Key In-buss-Schlüs-sel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L | L1 | h | f | b | kg | | | | | | | | |
| D301 | ● | DCLNL 2020 K12 | 125 | 30 | 20 | 25 | 20 | 0,441 | CN-- 1204 | TA016-1 | TC038 M4x10 | BK020 | TC044 M6 | BY040 | BSP030 | 3 Allen |
| D302 | ● | DCLNL 2525 M12 | 150 | 30 | 25 | 32 | 25 | 0,785 | | | | | | | | |
| D305 | ● | DCLNL 3232 P12 | 170 | 30 | 32 | 40 | 32 | 1,379 | | | | | | | | |
| D303 | ● | DCLNL 2525 M16 | 150 | 36 | 25 | 32 | 25 | 0,432 | CN-- 1606 | TA022 | TC095 M5x11,8 | BK018 | | | | |
| D306 | ● | DCLNL 3232 P16 | 170 | 36 | 32 | 40 | 32 | 1,407 | | | | | | | | |
| D304 | ● | DCLNL 2525 M19 | 150 | 40 | 25 | 32 | 25 | 0,820 | CN-- 1906 | TA017 | TC039 M6x12 | BK025 | TC047 M8 | BY044 | BSP032 | 5 Allen |
| D307 | ● | DCLNL 3232 P19 | 170 | 40 | 32 | 40 | 32 | 1,430 | | | | | | | | |
| D307-2 | ● | DCLNL 4040 S19 | 250 | 40 | 40 | 40 | 40 | 3,195 | | | | | | | | |

## 50° DCMNN



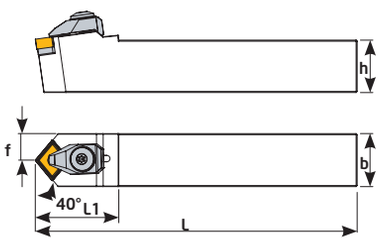


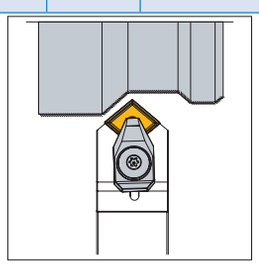



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* L | L1 | h | f | b | kg | Uç *Insert WSP* | Baskı Civatası *Locking Screw Verriegelungs Schraube* | Altlık *Shim U-Platte* | Altlık Civatası *Shim Screw U-Platte Schraube* | Baskı Kepi *Clamp Spann pratze* | Yay *Spring Feder* | Pul *Washer U-Scheibe* | Anahtar *Allen Key Inbuss-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| D214-1 | ● | DCMNN 2020 K12 | 125 | 35 | 20 | 10 | 20 | 0,445 | CN-- 1204 | TC044 M6 | TA016-1 | TC038 M4x10 | BK020 | BY040 | BSP030 | 3 Allen |
| D215 | ● | DCMNN 2525 M12 | 150 | 42 | 25 | 12,5 | 25 | 0,778 | | | | | | | | |

## 40° DCXNN



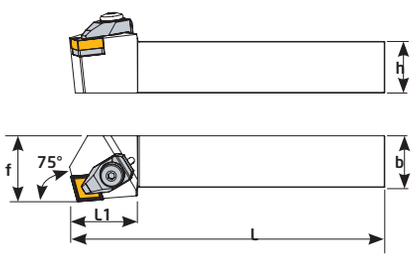


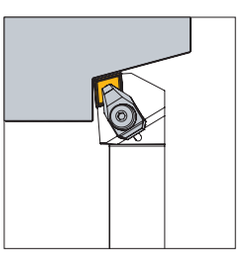



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* L | L1 | h | f | b | kg | Uç *Insert WSP* | Baskı Civatası *Locking Screw Verriegelungs Schraube* | Altlık *Shim U-Platte* | Altlık Civatası *Shim Screw U-Platte Schraube* | Baskı Kepi *Clamp Spann pratze* | Yay *Spring Feder* | Pul *Washer U-Scheibe* | Anahtar *Allen Key Inbuss-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| D216 | ● | DCXNN 2525 M12 | 150 | 35 | 25 | 12,5 | 25 | 0,756 | CN-- 1204 | TC044 M6 | TA016-1 | TC038 M4x10 | BK020 | BY040 | BSP030 | 3 Allen |

## 75° DCKNR





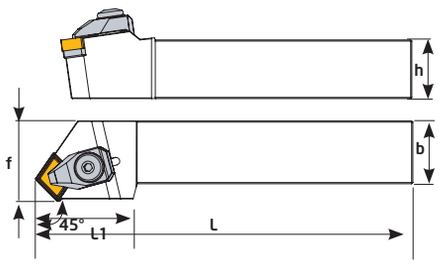



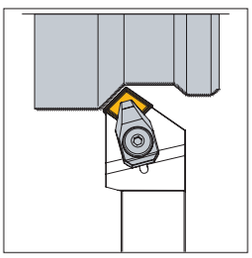
| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* L | L1 | h | f | b | kg | Uç *Insert WSP* | Altlık *Shim U-Platte* | Altlık Civatası *Shim Screw U-Platte Schraube* | Baskı Kepi *Clamp Spann pratze* | Baskı Civatası *Locking Screw Verriegelungs Schraube* | Yay *Spring Feder* | Pul *Washer U-Scheibe* | Anahtar *Allen Key Inbuss-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| D116-1 | ● | DCKNR 2525 M12 | 150 | 30 | 25 | 32 | 25 | 0,440 | CNMG 1204 | TA016-1 | TC038 M4x10 | BK020 | TC044 M6 | BY040 | BSP030 | 3 Allen |
| D162-3 | ● | DCKNR 2525 M16 | 150 | 40 | 25 | 32 | 25 | 0,576 | CNMG 1606 | TA022 | TC095 M5x11,8 | BK018 | | | | |

● *Stokta/ In Stock / Lager* ○ *Sınırlı Stok / Limited Stock / Begrenzte Lagerhaltung*

## 45° DCSNR



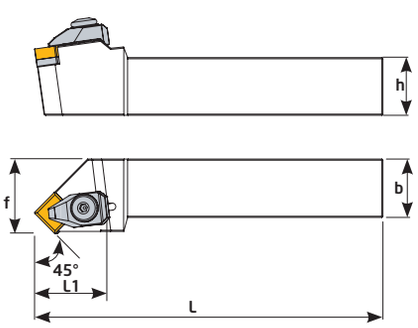


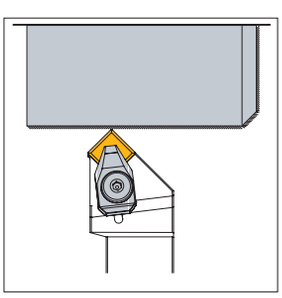



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Uç *Insert WSP* | Altlık *Shim U-Platte* | Altlık Civatası *Shim Screw U-Platte Schraube* | Baskı Kepi *Clamp Spann pratze* | Baskı Civatası *Locking Screw Verriege-lungs Schraube* | Yay *Spring Feder* | Pul *Washer U-Schei-be* | Anahtar *Allen Key In-buss-Schlüs-sel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L | L1 | h | f | b | kg | | | | | | | | |
| D218 | ● | DCSNR 2525 M12 | 150 | 35 | 25 | 32 | 25 | 0,774 | CNMG 1204 | TA016-1 | TC038 M4x10 | BK020 | TC044 M6 | BY040 | BSP030 | 3 Allen |

## 45° DSSNR



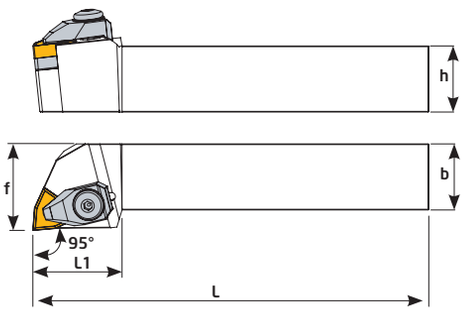


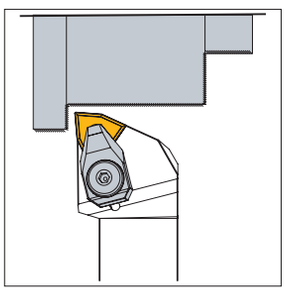



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Uç *Insert WSP* | Altlık *Shim U-Platte* | Altlık Civatası *Shim Screw U-Platte Schraube* | Baskı Kepi *Clamp Spann pratze* | Baskı Civatası *Locking Screw Verriege-lungs Schraube* | Yay *Spring Feder* | Pul *Washer U-Schei-be* | Anahtar *Allen Key In-buss-Schlüs-sel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L | L1 | h | f | b | kg | | | | | | | | |
| D210 | ● | DSSNR 2020 K12 | 125 | 35 | 20 | 25 | 20 | 0,440 | SNMG 1204 | TA050 | TC038 M4x10 | BK020 | TC044 M6 | BY040 | BSP030 | 3 Allen |
| D212 | ● | DSSNR 2525 M12 | 150 | 35 | 25 | 32 | 25 | 0,576 | | | | | | | | |
| D205 | ● | DSSNR 3232 P12 | 170 | 36 | 32 | 32 | 40 | 1,280 | | | | | | | | |
| D206 | ● | DSSNR 3232 P19 | 170 | 46 | 32 | 32 | 40 | 1,383 | SNMG 1906 | TA051 | TC039 M6x12 | BK025 | TC047 M8 | BY044 | BSP032 | 5 Allen |
| D207 | ● | DSSNR 4040 S19 | 250 | 46 | 40 | 40 | 50 | 3,123 | | | | | | | | |
| D208 | ● | DSSNR 4040 S25 | 250 | 60 | 40 | 40 | 50 | 3,012 | SNMG 2508 | TA053 | TC041 M8x20 | BK027 | TC047 M8 | BY044 | BSP032 | 5 Allen |

## 95° DWLNR



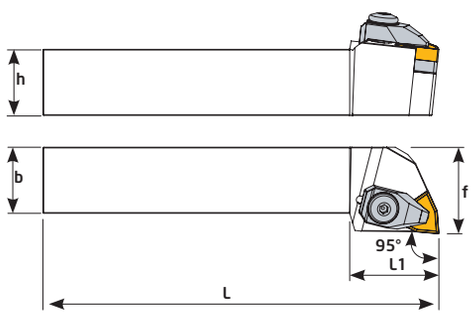



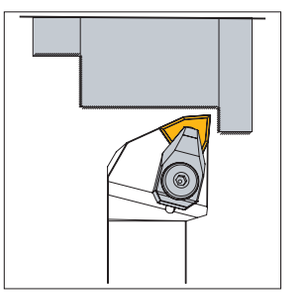



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Uç *Insert WSP* | Baskı Civatası *Locking Screw Verriege-lungs Schraube* | Altlık *Shim U-Platte* | Altlık Civatası *Shim Screw U-Platte Schraube* | Baskı Kepi *Clamp Spann pratze* | Yay *Spring Feder* | Pul *Washer U-Schei-be* | Anahtar *Allen Key In-buss-Schlüs-sel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L | L1 | h | f | b | kg | | | | | | | | |
| D181 | ● | DWLNR 1616 H06 | 100 | 26 | 16 | 20 | 16 | 0,229 | WN-- 0604 | TC046 M5 | TA021 | TC034 M3x7 | BK024 | BY041 | BSP031 | 3 Allen |
| D177 | ● | DWLNR 2020 K06 | 125 | 26 | 20 | 25 | 20 | 0,436 | | | | | | | | |
| D179 | ● | DWLNR 2525 M06 | 150 | 26 | 25 | 32 | 25 | 0,772 | | | | | | | | |
| D176 | ● | DWLNR 2020 K08 | 125 | 32 | 20 | 25 | 20 | 0,442 | WN-- 0804 | TC044 M6 | TA020-1 | TC038 M4x10 | BK020 | BY040 | BSP030 | 3 Allen |
| D178 | ● | DWLNR 2525 M08 | 150 | 32 | 25 | 32 | 25 | 0,793 | | | | | | | | |
| D180 | ● | DWLNR 3232 P08 | 170 | 32 | 32 | 40 | 32 | 1,377 | | | | | | | | |

## 95° DWLNL



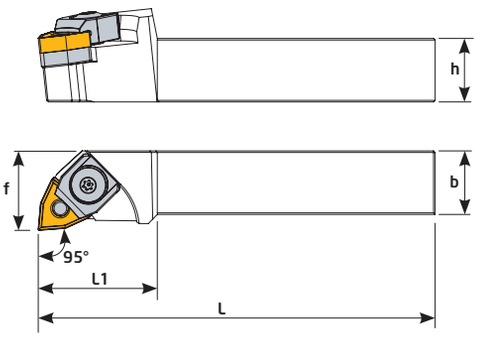



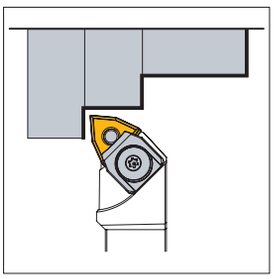
| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Uç *Insert WSP* | Baskı Ci-vatası *Locking Screw Verriege-lungs Schraube* | Altlık *Shim U-Platte* | Altlık Civatası *Shim Screw U-Platte Schraube* | Baskı Kepi *Clamp Spann pratze* | Yay *Spring Feder* | Pul *Washer U-Schei-be* | Anahtar *Allen Key In-buss-Schlüs-sel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L | L1 | h | f | b | kg | | | | | | | | |
| D328 | ● | DWLNL 1616 H06 | 100 | 26 | 16 | 20 | 16 | 0,229 | WN-- 0604 | TC046 M5 | TA021 | TC034 M3x7 | BK024 | BY041 | BSP031 | 3 Allen |
| D329 | ● | DWLNL 2020 K06 | 125 | 26 | 20 | 25 | 20 | 0,436 | | | | | | | | |
| D319 | ● | DWLNL 2525 M06 | 150 | 26 | 25 | 32 | 25 | 0,772 | | | | | | | | |
| D316 | ● | DWLNL 2020 K08 | 125 | 32 | 20 | 25 | 20 | 0,442 | WN-- 0804 | TC044 M6 | TA020-1 | TC038 M4x10 | BK020 | BY040 | BSP030 | 3 Allen |
| D318 | ● | DWLNL 2525 M08 | 150 | 32 | 25 | 32 | 25 | 0,793 | | | | | | | | |
| D320 | ● | DWLNL 3232 P08 | 170 | 32 | 32 | 40 | 32 | 1,377 | | | | | | | | |

● *Stokta/ In Stock / Lager* ○ *Sınırlı Stok / Limited Stock / Begrenzte Lagerhaltung*

## 95° MWLNR



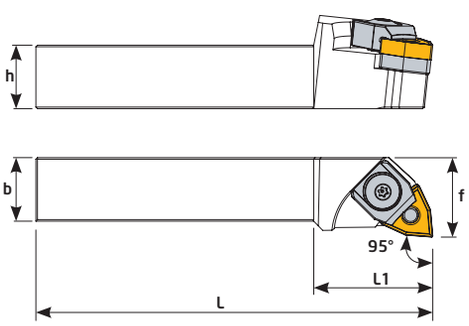



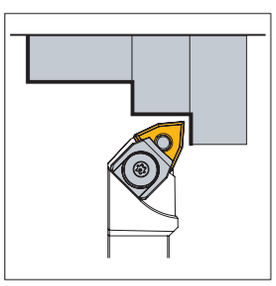



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Uç *Insert WSP* | Baskı Civatası *Locking Screw Verriegelungs Schraube* | Altlık *Shim U-Platte* | Altlık Pimi *Lock Pin Rohrstift* | Baskı Kepi *Clamp Spann pratze* | Yay *Spring Feder* | Pul *Washer U-Scheibe* | Anahtar *Allen Key Inbuss-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L | L1 | h | f | b | kg | | | | | | | | |
| D182 | ● | MWLNR 2020 K08 | 125 | 35 | 20 | 25 | 20 | 0,435 | WN--0804 | TC044 M6 | TA020 | BSP021 | BK026 | BY040 | BSP030 | 3 Allen |
| D184 | ● | MWLNR 2525 M08 | 150 | 35 | 25 | 32 | 25 | 0,761 | | | | | | | | |
| D185 | ● | MWLNR 3232 P08 | 170 | 35 | 32 | 40 | 32 | 1,349 | | | | | | | | |

## 95° MWLNL

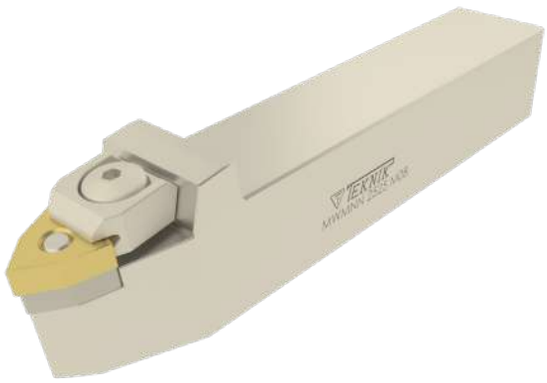


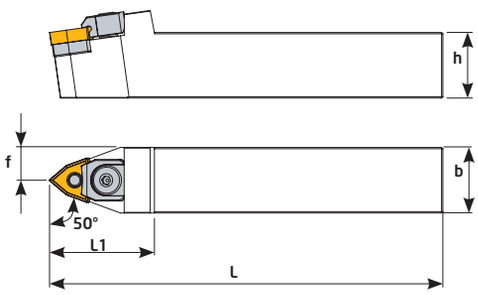



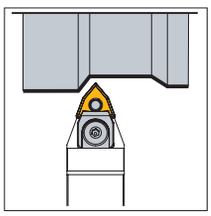



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Uç *Insert WSP* | Baskı Civatası *Locking Screw Verriegelungs Schraube* | Altlık *Shim U-Platte* | Altlık Pimi *Lock Pin Rohrstift* | Baskı Kepi *Clamp Spann pratze* | Yay *Spring Feder* | Pul *Washer U-Scheibe* | Anahtar *Allen Key Inbuss-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L | L1 | h | f | b | kg | | | | | | | | |
| D322 | ● | MWLNL 2020 K08 | 125 | 35 | 20 | 25 | 20 | 0,435 | WN--0804 | TC044 M6 | TA020 | BSP021 | BK026 | BY040 | BSP030 | 3 Allen |
| D324 | ● | MWLNL 2525 M08 | 150 | 35 | 25 | 32 | 25 | 0,761 | | | | | | | | |
| D326 | ● | MWLNL 3232 P08 | 170 | 35 | 32 | 40 | 32 | 1,349 | | | | | | | | |

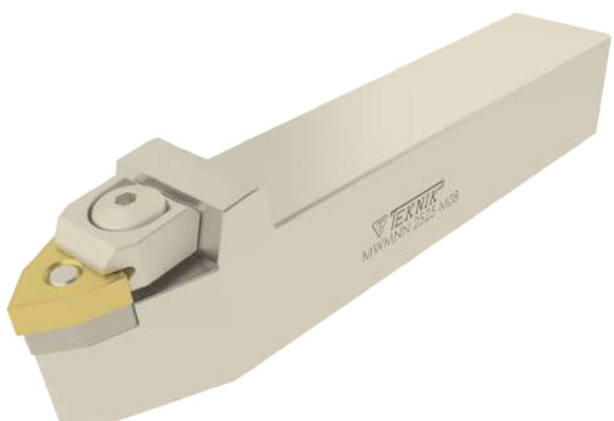
## 95° MWMNN

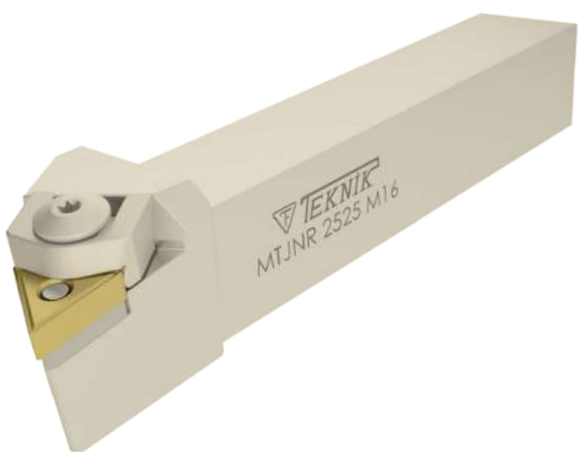




| Sipariş Kodu *Order Code Best.-Nr.* | **Stok**/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Uç *Insert WSP* | Baskı Civatası *Locking Screw Verriegelungs Schraube* | Altlık *Shim U-Platte* | Altlık Pimi *Lock Pin Rohrstift* | Baskı Kepi *Clamp Spann pratze* | Yay *Spring Feder* | Pul *Washer U-Scheibe* | Anahtar *Allen Key Inbuss-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L | L1 | h | f | b | kg | | | | | | | | |
| D114 | ● | MWMNN 2020 K08 | 125 | 40 | 20 | 10 | 20 | 0,432 | WN--0804 | TC044 M6 | TA020 | BSP021 | BK026 | BY040 | BSP030 | 3 Allen |
| D116 | ● | MWMNN 2525 M08 | 150 | 40 | 25 | 12,5 | 25 | 0,724 | | | | | | | | |



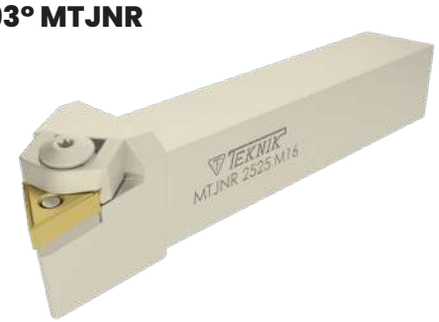



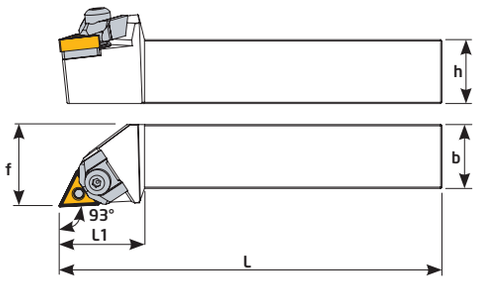


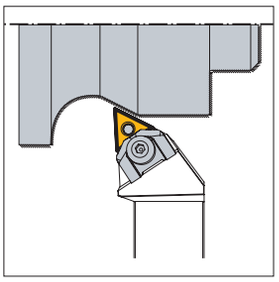


● *Stokta/ In Stock / Lager* ○ *Sınırlı Stok / Limited Stock / Begrenzte Lagerhaltung*

## 93° MTJNR



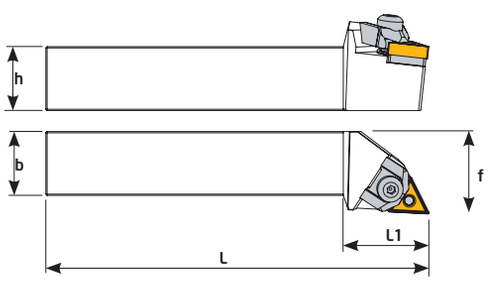



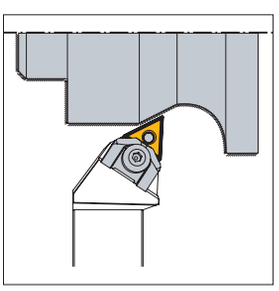



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/*Stock/Lager* | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Uç *Insert WSP* | Baskı Civatası *Locking Screw Verriegelungs Schraube* | Altlık *Shim U-Platte* | Altlık Pimi *Lock Pin Rohrstift* | Baskı Kepi *Clamp Spann pratze* | Yay *Spring Feder* | Pul *Washer U-Scheibe* | Anahtar *Allen Key In-buss-Schlüs-sel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L | L1 | h | f | b | kg | | | | | | | | |
| D194 | ● | MTJNR 2020 K16 | 125 | 35 | 20 | 25 | 20 | 0,429 | TN--1604 | TC046 M5 | TA019 | BSP020 | BK022 | BY043 | BSP031 | 3 Allen |
| D196 | ● | MTJNR 2525 M16 | 150 | 35 | 25 | 32 | 25 | 0,760 | | | | | | | | |
| D198 | ● | MTJNR 3232 P16 | 170 | 35 | 32 | 40 | 32 | 1,360 | | | | | | | | |
| D200 | ● | MTJNR 2020 K22 | 125 | 40 | 20 | 25 | 20 | 0,429 | TN--2204 | TC044 M6 | TA045 | BSP021 | BK023 | BY040 | BSP030 | 3 Allen |
| D202 | ● | MTJNR 2525 M22 | 150 | 40 | 25 | 32 | 25 | 0,775 | | | | | | | | |
| D204 | ● | MTJNR 3232 P22 | 170 | 40 | 32 | 40 | 32 | 1,348 | | | | | | | | |

## 93° MTJNL



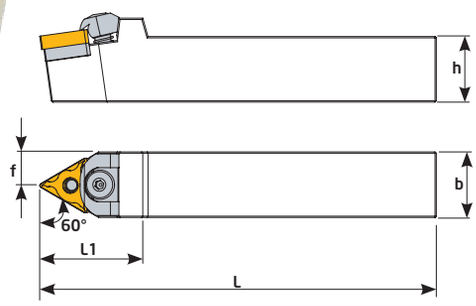



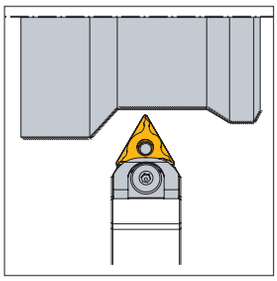



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/*Stock/Lager* | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Uç *Insert WSP* | Baskı Civatası *Locking Screw Verriegelungs Schraube* | Altlık *Shim U-Platte* | Altlık Pimi *Lock Pin Rohrstift* | Baskı Kepi *Clamp Spann pratze* | Yay *Spring Feder* | Pul *Washer U-Schei-be* | Anahtar *Allen Key In-buss-Schlüs-sel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L | L1 | h | f | b | kg | | | | | | | | |
| D332 | ● | MTJNL 2020 K16 | 125 | 35 | 20 | 25 | 20 | 0,429 | TN--1604 | TC046 M5 | TA019 | BSP020 | BK022 | BY043 | BSP031 | 3 Allen |
| D334 | ● | MTJNL 2525 M16 | 150 | 35 | 25 | 32 | 25 | 0,760 | | | | | | | | |
| D336 | ● | MTJNL 3232 P16 | 170 | 35 | 32 | 40 | 32 | 1,360 | | | | | | | | |
| D338 | ● | MTJNL 2020 K22 | 125 | 40 | 20 | 25 | 20 | 0,429 | TN--2204 | TC044 M6 | TA045 | BSP021 | BK023 | BY040 | BSP030 | 3 Allen |
| D340 | ● | MTJNL 2525 M22 | 150 | 40 | 25 | 32 | 25 | 0,775 | | | | | | | | |
| D342 | ● | MTJNL 3232 P22 | 170 | 40 | 32 | 40 | 32 | 1,348 | | | | | | | | |

## 60° MTENN

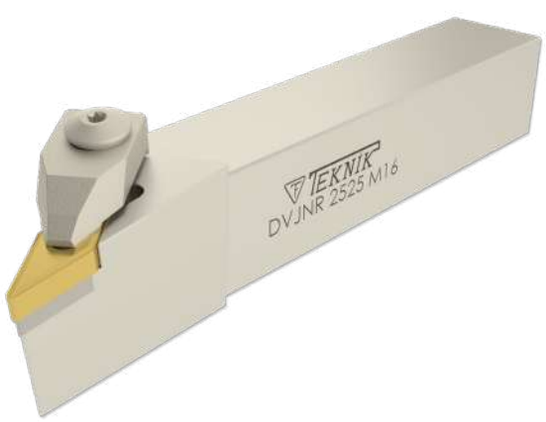


| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Uç *Insert WSP* | Baskı Civatası *Locking Screw Verriegelungs Schraube* | Altlık *Shim U-Platte* | Altlık Pimi *Lock Pin Rohrstift* | Baskı Kepi *Clamp Spann pratze* | Yay *Spring Feder* | Pul *Washer U-Scheibe* | Anahtar *Allen Key In-buss-Schlüs-sel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L | L1 | h | f | b | kg | | | | | | | | |
| D108 | ● | MTENN 2020 K16 | 125 | 35 | 20 | 10 | 20 | 0,408 | TN-- 1604 | TC046 M5 | TA019 | BSP020 | BK022 | BY043 | BSP031 | 3 Allen |
| D110 | ● | MTENN 2525 M16 | 150 | 35 | 25 | 12.5 | 25 | 0,724 | | | | | | | | |
| D112 | ● | MTENN 2525 M22 | 150 | 40 | 25 | 12.5 | 25 | 0,734 | TN-- 2204 | TC044 M6 | TA045 | BSP021 | BK023 | BY040 | BSP030 | 3 Allen |
| D113 | ● | MTENN 3232 P22 | 170 | 40 | 32 | 16 | 32 | 1,311 | | | | | | | | |

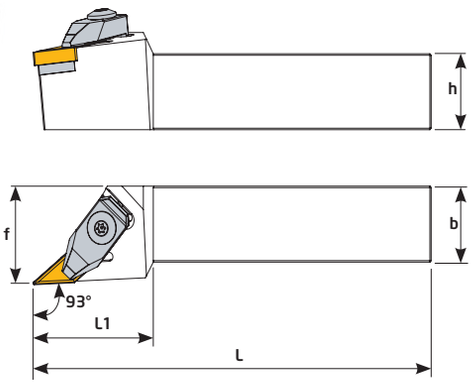


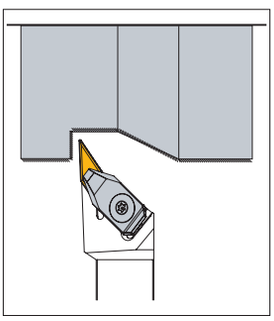






## 93° DVJNR

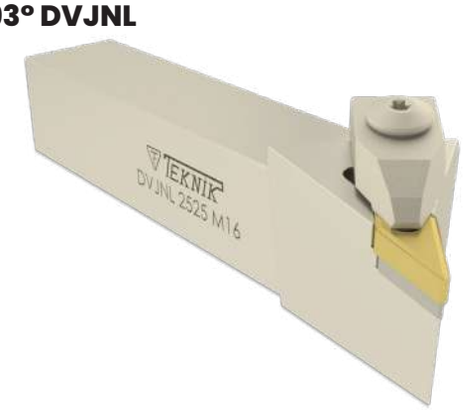


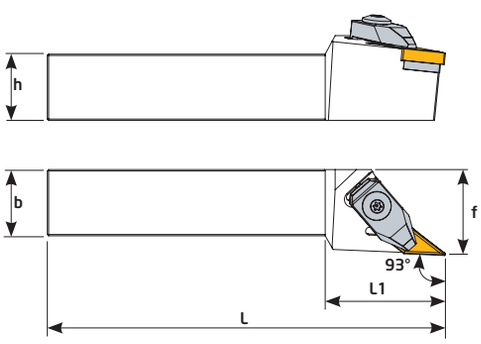



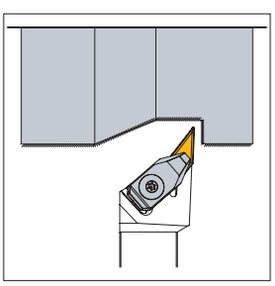



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Uç *Insert WSP* | Baskı Civatası *Locking Screw Verriegelungs Schraube* | Altlık *Shim U-Platte* | Altlık Civatası *Shim Screw U-Platte Schraube* | Baskı Kepi *Clamp Spann pratze* | Yay *Spring Feder* | Pul *Washer U-Scheibe* | Anahtar *Allen Key Inbuss-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L | L1 | h | f | b | kg | | | | | | | | |
| D105-1 | ● | DVJNR 2020 K16 | 125 | 40 | 20 | 27 | 20 | 0,428 | VN-- 1604 | TC046 M5 | TA033 | TC074 M4x10 | BK021 | BY043 | BSP031 | 3 Allen |
| D105 | ● | DVJNR 2525 M16 | 150 | 40 | 25 | 32 | 25 | 0,427 | | | | | | | | |

## 93° DVJNL



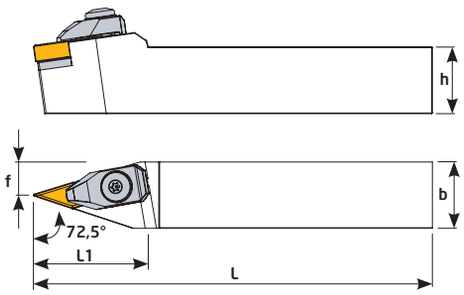



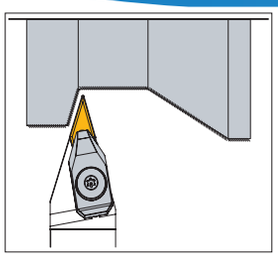



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Uç *Insert WSP* | Baskı Civatası *Locking Screw Verriegelungs Schraube* | Altlık *Shim U-Platte* | Altlık Civatası *Shim Screw U-Platte Schraube* | Baskı Kepi *Clamp Spann pratze* | Yay *Spring Feder* | Pul *Washer U-Scheibe* | Anahtar *Allen Key Inbuss-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L | L1 | h | f | b | kg | | | | | | | | |
| D343 | ● | DVJNL 2020 K16 | 125 | 40 | 20 | 27 | 20 | 0,428 | VN-- 1604 | TC046 M5 | TA033 | TC074 M4x10 | BK021 | BY043 | BSP031 | 3 Allen |
| D344 | ● | DVJNL 2525 M16 | 150 | 40 | 25 | 32 | 25 | 0,427 | | | | | | | | |

## 72,5° DVVNN



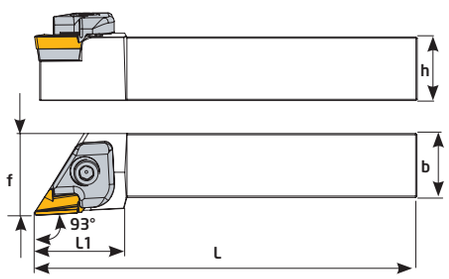



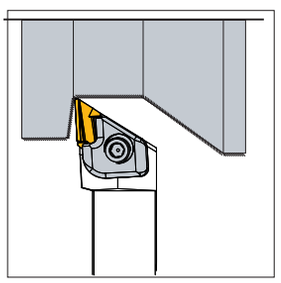



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Uç *Insert WSP* | Baskı Civatası *Locking Screw Verriegelungs Schraube* | Altlık *Shim U-Platte* | Altlık Civatası *Shim Screw U-Platte Schraube* | Baskı Kepi *Clamp Spann pratze* | Yay *Spring Feder* | Pul *Washer U-Scheibe* | Anahtar *Allen Key Inbuss-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L | L1 | h | f | b | kg | | | | | | | | |
| D105-2 | ● | DVVNN 2525 M16 | 150 | 45 | 25 | 12,5 | 25 | 0,690 | VN-- 1604 | TC046 M5 | TA033 | TC074 M4x10 | BK021 | BY043 | BSP031 | 3 Allen |

## 93° CKJNR



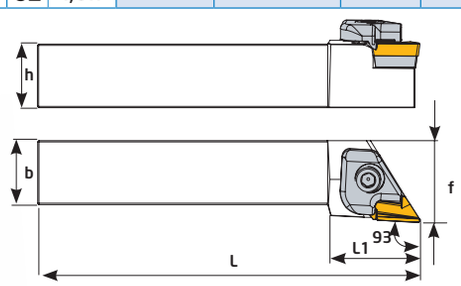



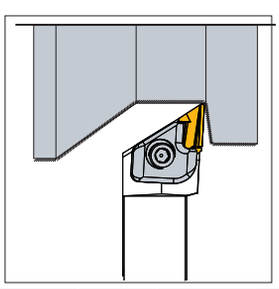



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Uç *Insert WSP* | Baskı Civatası *Locking Screw Verriegelungs Schraube* | Altlık *Shim U-Platte* | Altlık Civatası *Shim Screw U-Platte Schraube* | Baskı Kepi *Clamp Spann pratze* | Yay *Spring Feder* | Pul *Washer U-Scheibe* | Anahtar *Allen Key Inbuss-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L | L1 | h | f | b | kg | | | | | | | | |
| RD018 | ● | CKJNR 2020 K16 | 125 | 32 | 20 | 27 | 20 | 0,434 | KNUX 1604 | TC044 M6 | TA046 | TC036 M3x10 | BK028 | BY042 | BSP030 | 3 Allen |
| RD014 | ● | CKJNR 2525 M16 | 150 | 35 | 25 | 30 | 25 | 0,753 | | | | | | | | |
| RD013 | ● | CKJNR 3232 P16 | 170 | 35 | 32 | 40 | 32 | 1,311 | | | | | | | | |

## 93° CKJNL



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Uç *Insert WSP* | Baskı Civatası *Locking Screw Verriegelungs Schraube* | Altlık *Shim U-Platte* | Altlık Civatası *Shim Screw U-Platte Schraube* | Baskı Kepi *Clamp Spann pratze* | Yay *Spring Feder* | Pul *Washer U-Scheibe* | Anahtar *Allen Key Inbuss-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L | L1 | h | f | b | kg | | | | | | | | |
| RD038 | ● | CKJNL 2020 K16 | 125 | 32 | 20 | 27 | 20 | 0,434 | KNUX 1604 | TC044 M6 | TA046 | TC036 M3x10 | BK028 | BY042 | BSP030 | 3 Allen |
| RD034 | ● | CKJNL 2525 M16 | 150 | 35 | 25 | 30 | 25 | 0,753 | | | | | | | | |
| RD032 | ● | CKJNL 3232 P16 | 170 | 35 | 32 | 40 | 32 | 1,311 | | | | | | | | |

● *Stokta/ In Stock/ Lager* ○ *Sınırlı Stok/ Limited Stock/ Begrenzte Lagerhaltung*

TEKNİK
Cutting Tools

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# ÇALIŞKAN TEKNOLOJİ

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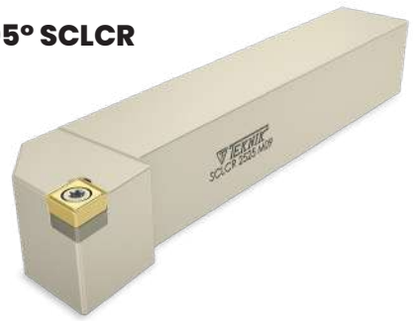
TEKNİK
Cutting Tools

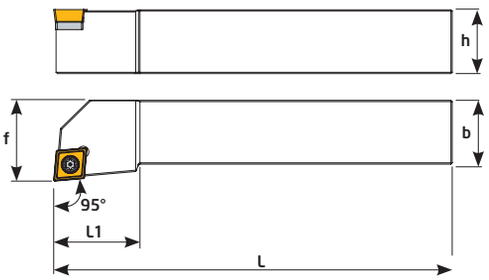
# S Sistem Dış Çap Kater
# S System External Turning Holder
# S System Klemmhalter

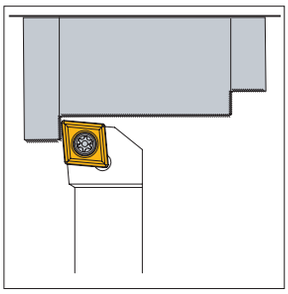


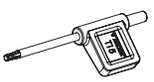

**Technical Solution for Quality**

## 95° SCLCR



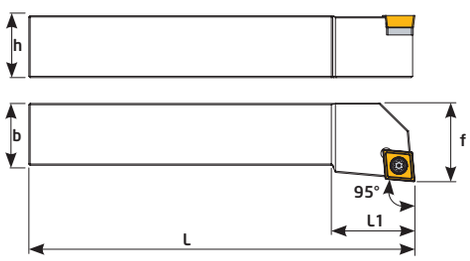


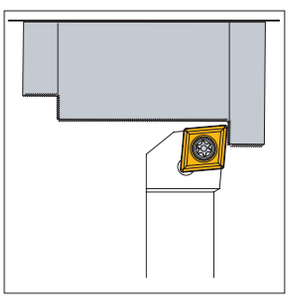



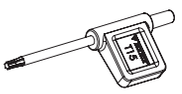
| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Altlık *Shim U-Platte* | Altlık Civatası *Shim Screw U-Platte Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L | L1 | h | f | b | kg |  |  |  |  |  |
| D398 | ● | SCLCR 1010 J06 | 110 | 10 | 10 | 12 | 10 | 0,105 | CC-- 0602 | TC060 M2,5x5,5 | --- | --- | T8 |
| D400 | ● | SCLCR 1212 J09 | 110 | 16 | 12 | 16 | 12 | 0,140 | CC-- 09T3 | TC067 M3,5x8,5 | | | T15 |
| D401 | ● | SCLCR 1616 H09 | 100 | 20 | 16 | 20 | 16 | 0,215 | | TC068 M3,5x11 | TA015 | TC048 M5 | |
| D402 | ● | SCLCR 2020 K09 | 125 | 25 | 20 | 25 | 20 | 0,425 | | | | | |
| D403 | ● | SCLCR 2525 M09 | 150 | 25 | 25 | 32 | 25 | 0,772 | | | | | |
| D418 | ● | SCLCR 2020 K12 | 125 | 25 | 20 | 25 | 20 | 0,421 | CC-- 1204 | TC075 M4x11 | TA015-1 | TC049-1 M6 | |
| D403-1 | ● | SCLCR 2525 M12 | 150 | 25 | 25 | 32 | 25 | 0,768 | | | | | |

## 95° SCLCL



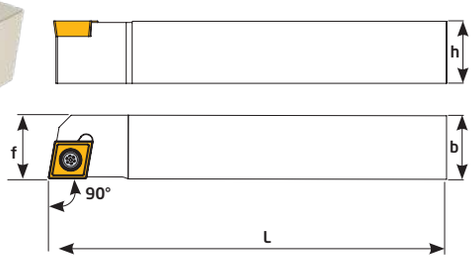


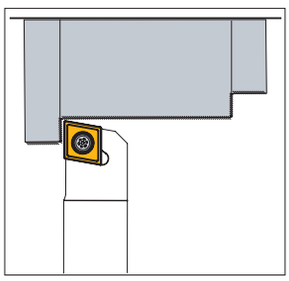



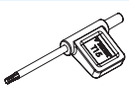
| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Altlık *Shim U-Platte* | Altlık Civatası *Shim Screw U-Platte Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L | L1 | h | f | b | kg |  |  |  |  |  |
| D404 | ● | SCLCL 1010 J06 | 110 | 10 | 10 | 12 | 10 | 0,105 | CC-- 0602 | TC060 M2,5x5,5 | --- | --- | T8 |
| D405 | ● | SCLCL 1212 J09 | 110 | 16 | 12 | 16 | 12 | 0,140 | CC-- 09T3 | TC067 M3,5x8,5 | | | T15 |
| D406 | ● | SCLCL 1616 H09 | 100 | 20 | 16 | 20 | 16 | 0,215 | | TC068 M3,5x11 | TA015 | TC048 M5 | |
| D407 | ● | SCLCL 2020 K09 | 125 | 25 | 20 | 25 | 20 | 0,425 | | | | | |
| D408 | ● | SCLCL 2525 M09 | 150 | 25 | 25 | 32 | 25 | 0,772 | | | | | |
| D420 | ● | SCLCL 2020 K12 | 125 | 25 | 20 | 25 | 20 | 0,421 | CC-- 1204 | TC075 M4x11 | TA015-1 | TC049-1 M6 | |
| D421 | ● | SCLCL 2525 M12 | 150 | 25 | 25 | 32 | 25 | 0,768 | | | | | |

## 90° SCACR-F



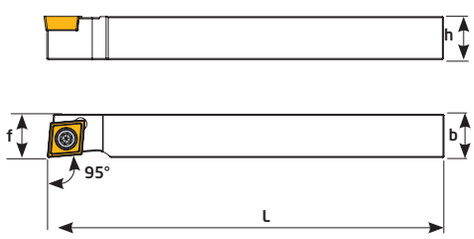



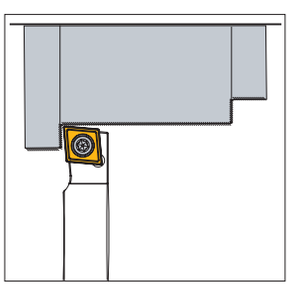



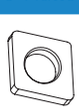
| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | Kullanılan Uç *Insert WSP* | Altlık *Shim U-Platte* | Altlık Civatası *Shim Screw U-Platte Schraube* | Sıkma Civatası *Clamp Screw Torx-Schraube* | **Anahtar** *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L | h | f | b | kg |  |  |  |  |  |
| D411 | ● | SCACR 1010 J06-F | 110 | 10 | 10 | 10 | 0,104 | CCMT 0602 | --- | --- | TC060 M2,5x5,5 | T8 |
| D412 | ● | SCACR 1212 J09-F | 110 | 12 | 12 | 12 | 0,143 | CCMT 09T3 | | | TC067 M3,5x8,5 | T15 |
| D414 | ● | SCACR 1616 H09-F | 100 | 16 | 16 | 16 | 0,221 | | TA015 | TC048 M5 | TC068 M3,5x11 | |
| D416 | ● | SCACR 2020 K09-F | 125 | 20 | 20 | 20 | 0,420 | | | | | |

## 95° SCLCR -F



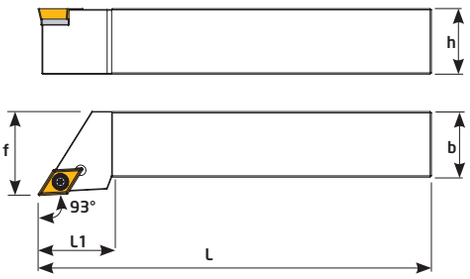



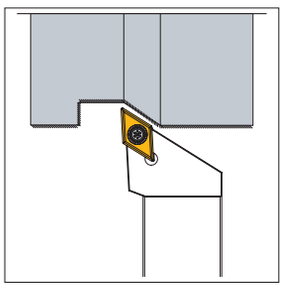
| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | Kullanılan Uç *Insert WSP* | Altlık *Shim U-Platte* | Altlık Civatası *Shim Screw U-Platte Schraube* | Sıkma Civatası *Clamp Screw Torx-Schraube* | **Anahtar** *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L | h | f | b | kg |  |  |  |  |  |
| D422 | ● | SCLCR 1010 J06-F | 110 | 10 | 10 | 10 | 0,106 | CCMT 0602 | --- | --- | TC060 M2,5x5,5 | T8 |
| D424 | ● | SCLCR 1212 J06-F | 110 | 12 | 12 | 12 | 0,147 | | | | | |
| D426 | ● | SCLCR 1212 J09-F | 110 | 12 | 12 | 12 | 0,144 | CCMT 09T3 | | | TC068 M3,5x11 | T15 |
| D428 | ● | SCLCR 1616 H09-F | 100 | 16 | 16 | 16 | 0,224 | | TA015 | TC048 M5 | | |
| D430 | ● | SCLCR 2020 K09-F | 125 | 20 | 20 | 20 | 0,426 | | | | | |

● *Stokta/ In Stock / Lager* ○ *Sınırlı Stok / Limited Stock / Begrenzte Lagerhaltung*

## 93° SDJCR



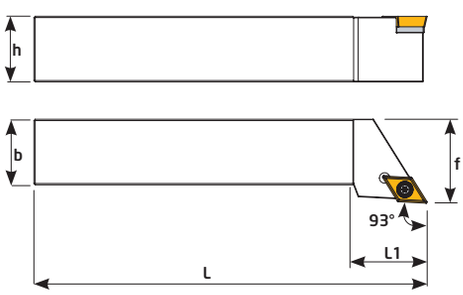



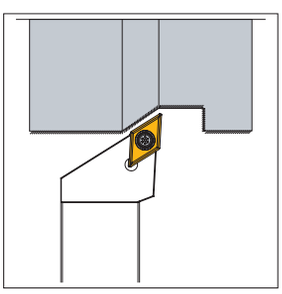



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Altlık *Shim U-Platte* | Altlık Civatası *Shim Screw U-Platte Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L | L1 | h | f | b | kg | | | | | |
| D220 | ● | SDJCR 1010 J07 | 110 | 15 | 10 | 12 | 10 | 0,097 | DCMT 0702 | TC060 M2,5x5,5 | --- | --- | T8 |
| D220-1 | ● | SDJCR 1212 K07 | 125 | 15 | 12 | 16 | 12 | 0,132 | | | | | |
| D221 | ● | SDJCR 1616 H07 | 100 | 18 | 16 | 20 | 16 | 0,204 | | | | | |
| D221-1 | ● | SDJCR 2020 K07 | 125 | 20 | 20 | 25 | 20 | 0,404 | | | | | |
| D222 | ● | SDJCR 1212 J11 | 110 | 20 | 12 | 16 | 12 | 0,132 | DCMT 11T3 | TC067 M3,5x8,5 | --- | --- | T15 |
| D224 | ● | SDJCR 1616 H11 | 100 | 25 | 16 | 20 | 16 | 0,204 | | TC068 M3,5x11 | TA030 | TC048 M5 | |
| D226 | ● | SDJCR 2020 K11 | 125 | 25 | 20 | 25 | 20 | 0,404 | | | | | |
| D228 | ● | SDJCR 2525 M11 | 150 | 30 | 25 | 32 | 25 | 0,735 | | | | | |

## 93° SDJCL



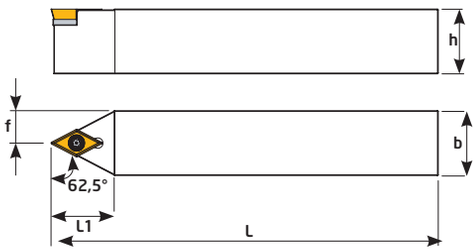



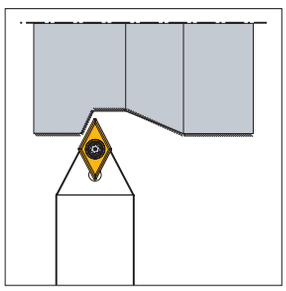



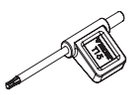
| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Altlık *Shim U-Platte* | Altlık Civatası *Shim Screw U-Platte Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L | L1 | h | f | b | kg | | | | | |
| D360 | ● | SDJCL 1010 J07 | 110 | 15 | 10 | 12 | 10 | 0,097 | DCMT 0702 | TC060 M2,5x5,5 | --- | --- | T8 |
| D360-1 | ● | SDJCL 1212 K07 | 125 | 15 | 12 | 16 | 12 | 0,132 | | | | | |
| D361 | ● | SDJCL 1616 H07 | 100 | 18 | 16 | 20 | 16 | 0,204 | | | | | |
| D361-1 | ● | SDJCL 2020 K07 | 125 | 20 | 20 | 25 | 20 | 0,404 | | | | | |
| D362 | ● | SDJCL 1212 J11 | 110 | 20 | 12 | 16 | 12 | 0,132 | DCMT 11T3 | TC067 M3,5x8,5 | --- | --- | T15 |
| D364 | ● | SDJCL 1616 H11 | 100 | 25 | 16 | 20 | 16 | 0,204 | | TC068 M3,5x11 | TA030 | TC048 M5 | |
| D366 | ● | SDJCL 2020 K11 | 125 | 25 | 20 | 25 | 20 | 0,404 | | | | | |
| D368 | ● | SDJCL 2525 M11 | 150 | 30 | 25 | 32 | 25 | 0,735 | | | | | |

## 62,5° SDNCN



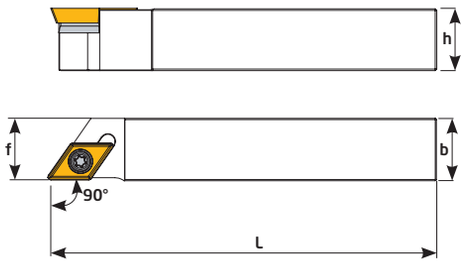
| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Altlık *Shim U-Platte* | Altlık Civatası *Shim Screw U-Platte Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L | L1 | h | f | b | kg |  |  |  |  |  |
| D117 | ● | SDNCN 1010 J07 | 110 | 15 | 10 | 5 | 10 | 0,096 | DC-- 0702 | TC060 M2,5x5,5 | --- | --- | T8 |
| D118 | ● | SDNCN 1212 J11 | 110 | 25 | 12 | 6 | 12 | 0,131 | DC--11T3 | TC067 M3,5x8,5 | --- | --- | T15 |
| D120 | ● | SDNCN 1616 H11 | 100 | 25 | 16 | 8 | 16 | 0,196 | DC--11T3 | TC068 M3,5x11 | TA030 | TC048 M5 | |
| D122 | ● | SDNCN 2020 K11 | 125 | 25 | 20 | 10 | 20 | 0,390 | | | | | |
| D124 | ● | SDNCN 2525 M11 | 150 | 25 | 25 | 12,5 | 25 | 0,705 | | | | | |

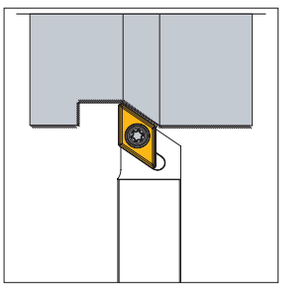



● *Stokta/ In Stock / Lager* ○ *Sınırlı Stok / Limited Stock / Begrenzte Lagerhaltung*

## 90° SDACR-F



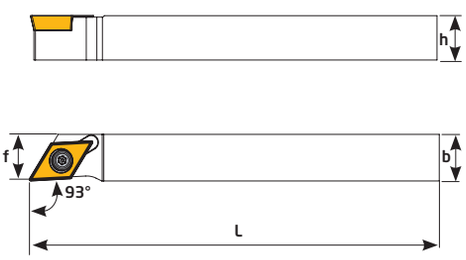



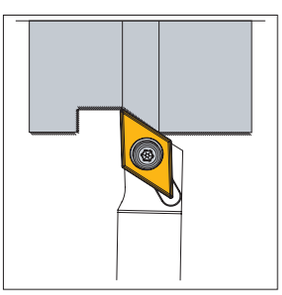



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* L | h | f | b | kg | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Altlık *Shim U-Platte* | Altlık Civatası *Shim Screw U-Platte Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| D434 | ● | SDACR 1010 J07-F | 110 | 10 | 10 | 10 | 0,970 | DCMT 0702 | TC060 M2,5x5,5 | --- | --- | T8 |
| D436 | ● | SDACR 1212 J07-F | 110 | 12 | 12 | 12 | 0,135 | | | | | |
| D438 | ● | SDACR 1616 H07-F | 100 | 16 | 16 | 16 | 0,207 | | | | | |
| D440 | ● | SDACR 1212 J11-F | 110 | 12 | 12 | 12 | 0,135 | DCMT 11T3 | TC067 M3,5x8,5 | TA030 | TC048 M5 | T15 |
| D442 | ● | SDACR 1616 H11-F | 100 | 16 | 16 | 16 | 0,200 | | | | | |
| D444 | ● | SDACR 2020 K11-F | 125 | 20 | 20 | 20 | 0,397 | | | | | |

## 93° SDJCR-F



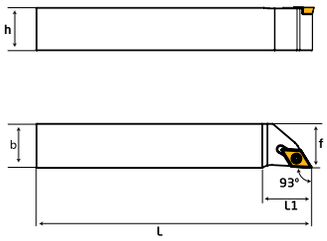



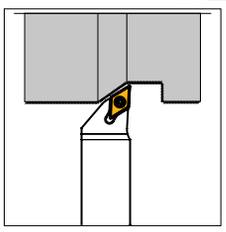



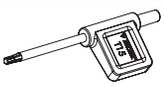
| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* L | h | f | b | kg | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Altlık *Shim U-Platte* | Altlık Civatası *Shim Screw U-Platte Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| D452 | ● | SDJCR 1010 J07-F | 110 | 10 | 10 | 10 | 0,103 | DCMT 0702 | TC060 M2,5x5,5 | --- | --- | T8 |
| D454 | ● | SDJCR 1212 J07-F | 110 | 12 | 12 | 12 | 0,131 | | | | | |
| D456 | ● | SDJCR 1616 H07-F | 100 | 16 | 16 | 16 | 0,192 | | | | | |
| D457 | ● | SDJCR 1212 J11-F | 110 | 12 | 12 | 12 | 0,134 | DCMT 11T3 | TC067 M3,5x8,5 | TA030 | TC048 M5 | T15 |
| D458 | ● | SDJCR 1616 H11-F | 100 | 16 | 16 | 16 | 0,181 | | | | | |

## 93° SDJCL-F



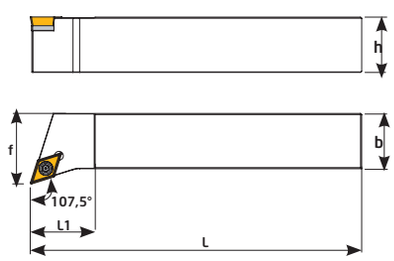



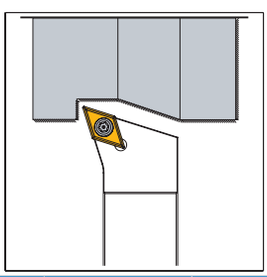



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Altlık *Shim U-Platte* | Altlık Civatası *Shim Screw U-Platte Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L | L1 | h | f | b | kg |  |  |  |  |  |
| D154 | ● | SDJCL 1212 K07-F | 125 | 15 | 12 | 12 | 12 | 0,135 | DCMT 0702 | TC060 M2,5x5,5 | --- | --- | T8 |
| D155 | ● | SDJCL 1616 H07-F | 100 | 18 | 16 | 16 | 16 | 0,152 | | | | | |
| D156 | ● | SDJCL 1212 J11-F | 110 | 20 | 12 | 12 | 12 | 0,134 | DCMT11T3 | TC067 M3,5x8,5 | TA030 | TC048 M5 | T15 |
| D157 | ● | SDJCL 1616 H11-F | 100 | 25 | 16 | 16 | 16 | 0,180 | | | | | |

## 107,5° SDHCR



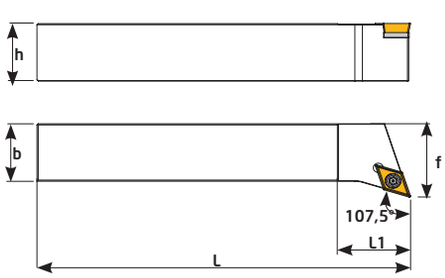



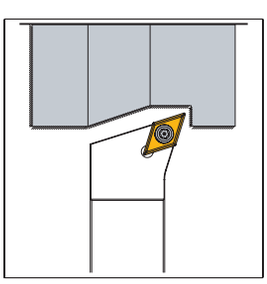



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Altlık *Shim U-Platte* | Altlık Civatası *Shim Screw U-Platte Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L | L1 | h | f | b | kg |  |  |  |  |  |
| D250 | ● | SDHCR 2020 K11 | 125 | 25 | 20 | 25 | 20 | 0,411 | DCMT 11T3 | TC068 M3,5x11 | TA030 | TC048 M5 | T15 |
| D252 | ● | SDHCR 2525 M11 | 150 | 25 | 25 | 32 | 25 | 0,738 | | | | | |

## 107,5° SDHCL



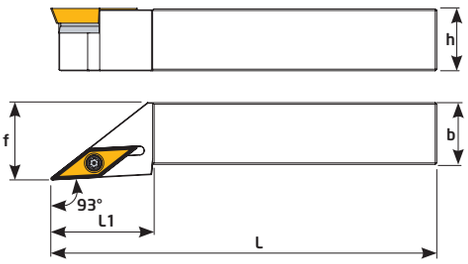



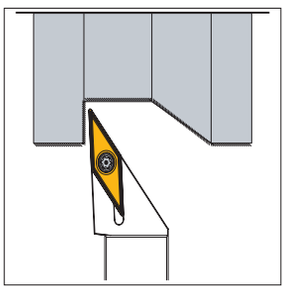
| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Altlık *Shim U-Platte* | Altlık Civatası *Shim Screw U-Platte Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L | L1 | h | f | b | kg |  |  |  |  |  |
| D350 | ● | SDHCL 2020 K11 | 125 | 25 | 20 | 25 | 20 | 0,411 | DCMT 11T3 | TC068 M3,5x11 | TA030 | TC048 M5 | T15 |
| D352 | ● | SDHCL 2525 M11 | 150 | 25 | 25 | 32 | 25 | 0,738 | | | | | |

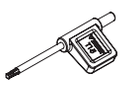
● *Stokta/ In Stock / Lager* ○ *Sınırlı Stok / Limited Stock / Begrenzte Lagerhaltung*

## 93° SVJBR



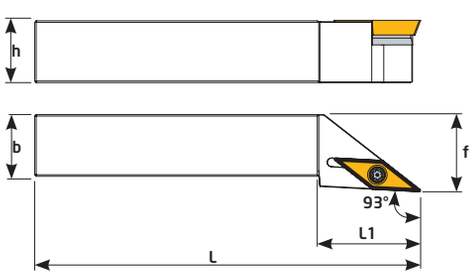



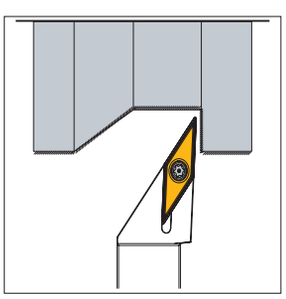



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/*Stock/Lager* | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Altlık *Shim U-Platte* | Altlık Civatası *Shim Screw U-Platte Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L | L1 | h | f | b | kg |  |  |  |  |  |
| D230 | ● | SVJBR 1010 J11 | 110 | 21 | 10 | 12 | 10 | 0,097 | VBMT 1103 | TC061 M2,5x6,5 | --- | --- | T8 |
| D232 | ● | SVJBR 1212 J11 | 110 | 21 | 12 | 16 | 12 | 0,141 | | | | | |
| D234 | ● | SVJBR 1616 H11 | 100 | 25 | 16 | 20 | 16 | 0,192 | | | | | |
| D235 | ● | SVJBR 1616 H16 | 100 | 33 | 16 | 20 | 16 | 0,192 | VBMT 1604 | TC068 M3,5x11 | TA034 | TC048 M5 | T15 |
| D236 | ● | SVJBR 2020 K16 | 125 | 33 | 20 | 25 | 20 | 0,382 | | | | | |
| D238 | ● | SVJBR 2525 M16 | 150 | 40 | 25 | 32 | 25 | 0,688 | | | | | |
| D238-1 | ● | SVJBR 3232 P16 | 170 | 40 | 32 | 40 | 32 | 1,370 | | | | | |

## 93° SVJBL



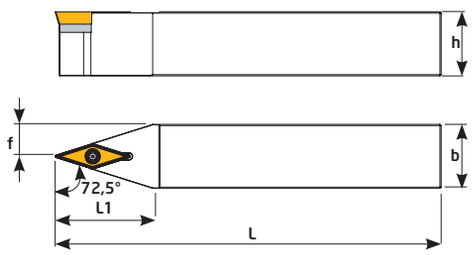



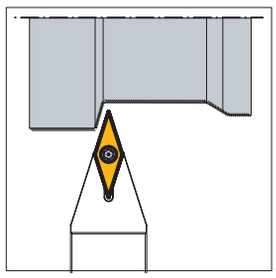



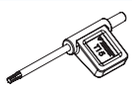
| Sipariş Kodu *Order Code Best.-Nr.* | Stok/*Stock/Lager* | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Altlık *Shim U-Platte* | Altlık Civatası *Shim Screw U-Platte Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L | L1 | h | f | b | kg |  |  |  |  |  |
| D370 | ● | SVJBL 1010 J11 | 110 | 21 | 10 | 12 | 10 | 0,097 | VBMT 1103 | TC061 M2,5x6,5 | --- | --- | T8 |
| D372 | ● | SVJBL 1212 J11 | 110 | 21 | 12 | 16 | 12 | 0,141 | | | | | |
| D373 | ● | SVJBL 1616 H11 | 100 | 25 | 16 | 20 | 16 | 0,192 | | | | | |
| D374 | ● | SVJBL 1616 H16 | 100 | 33 | 16 | 20 | 16 | 0,192 | VBMT 1604 | TC068 M3,5x11 | TA034 | TC048 M5 | T15 |
| D380 | ● | SVJBL 2020 K16 | 125 | 33 | 20 | 25 | 20 | 0,382 | | | | | |
| D382 | ● | SVJBL 2525 M16 | 150 | 40 | 25 | 32 | 25 | 0,688 | | | | | |
| D382-1 | ● | SVJBL 3232 P16 | 170 | 40 | 32 | 40 | 32 | 1,370 | | | | | |

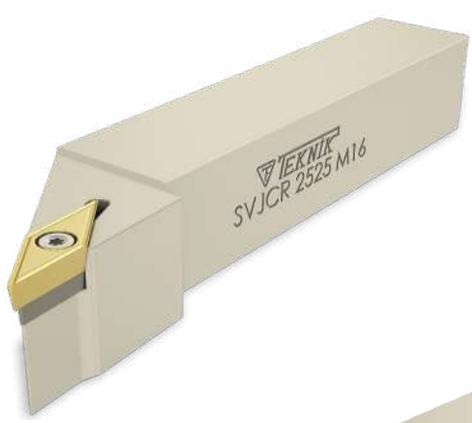
## 72,5° SVVBN

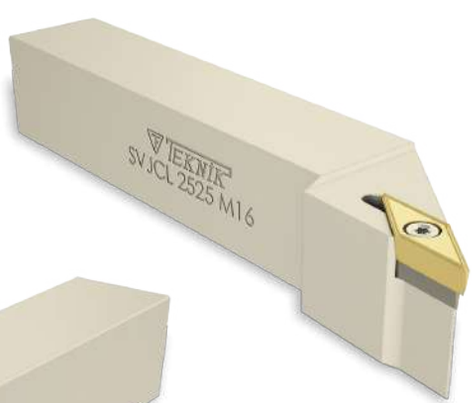


| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Altlık *Shim U-Platte* | Altlık Civatası *Shim Screw U-Platte Schraube* | **Anahtar** *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L | L1 | h | f | b | kg |  |  |  |  |  |
| D131 | ● | SVVBN 1212 J11 | 110 | 25 | 12 | 6 | 12 | 0,129 | VBMT 1103 | TC061 M2,5x6,5 | --- | --- | T8 |
| D132 | ● | SVVBN 1616 H16 | 100 | 33 | 16 | 8 | 16 | 0,184 | VBMT 1604 | TC068 M3,5x11 | TA034 | TC048 M5 | T15 |
| D138 | ● | SVVBN 2020 K16 | 125 | 35 | 20 | 10 | 20 | 0,370 | | | | | |
| D140 | ● | SVVBN 2525 M16 | 150 | 40 | 25 | 12,5 | 25 | 0,668 | | | | | |
| D141 | ● | SVVBN 3232 P16 | 170 | 40 | 32 | 40 | 32 | 1,386 | | | | | |

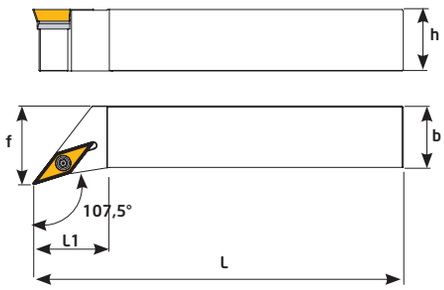


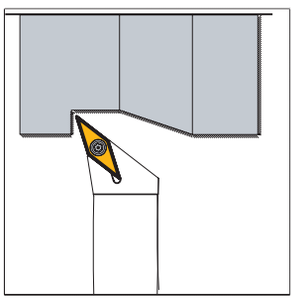






## 107,5 SVHBR



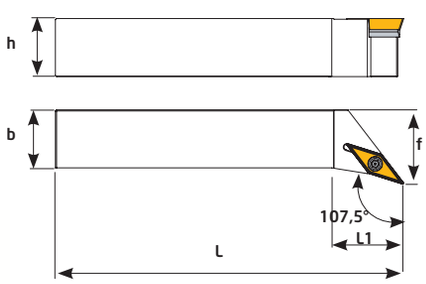


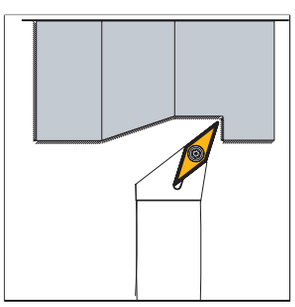



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Altlık *Shim U-Platte* | Altlık Civatası *Shim Screw U-Platte Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L | L1 | h | f | b | kg | | | | | |
| D354-1 | ● | SVHBR 2020 K16 | 125 | 30 | 20 | 25 | 20 | 0,387 | VBMT 1604 | TC068 M3,5x11 | TA034 | TC048 M5 | T15 |
| D356-1 | ● | SVHBR 2525 M16 | 150 | 30 | 25 | 32 | 25 | 0,712 | | | | | |

## 107,5 SVHBL



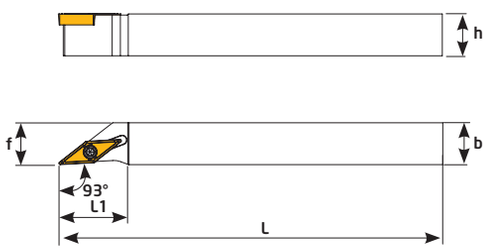


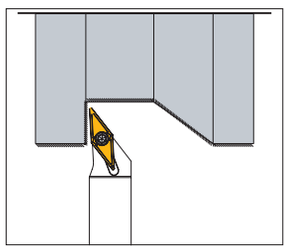



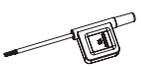
| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Altlık *Shim U-Platte* | Altlık Civatası *Shim Screw U-Platte Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L | L1 | h | f | b | kg | | | | | |
| D355 | ● | SVHBL 2020 K16 | 125 | 30 | 20 | 25 | 20 | 0,387 | VBMT 1604 | TC068 M3,5x11 | TA034 | TC048 M5 | T15 |
| D356-2 | ● | SVHBL 2525 M16 | 150 | 30 | 25 | 32 | 25 | 0,712 | | | | | |

## 93° SVJBR-F



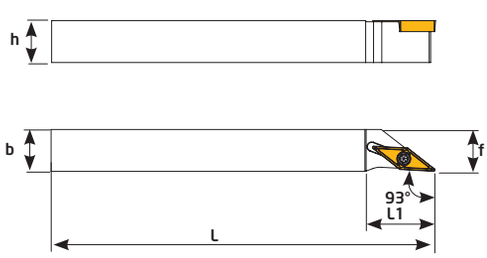



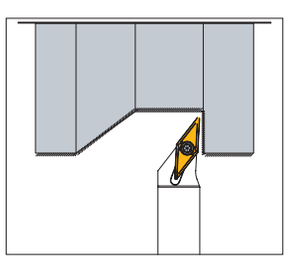



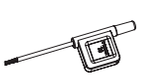
| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L | L1 | h | f | b | kg |  |  |  |
| D128 | ● | SVJBR 1010 J11-F | 110 | 22 | 10 | 10 | 10 | 0,098 | VBMT 1103 | TC061 M2,5x6,5 | T8 |
| D129 | ● | SVJBR 1212 J11-F | 110 | 22 | 12 | 12 | 12 | 0,132 | | | |
| D130 | ● | SVJBR 1616 H11-F | 100 | 25 | 16 | 16 | 16 | 0,204 | | | |

## 93° SVJBL-F



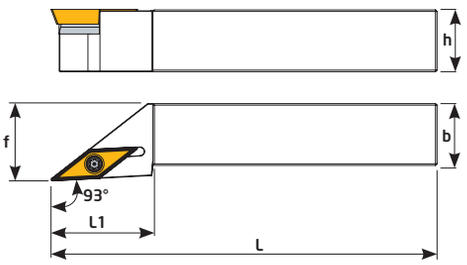



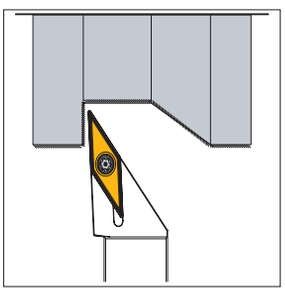
| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L | L1 | h | f | b | kg |  |  |  |
| D395 | ● | SVJBL 1010 J11-F | 110 | 22 | 10 | 10 | 10 | 0,098 | VBMT 1103 | TC061 M2,5x6,5 | T8 |
| D396 | ● | SVJBL 1212 J11-F | 110 | 22 | 12 | 12 | 12 | 0,132 | | | |
| D397 | ● | SVJBL 1616 H11-F | 100 | 25 | 16 | 16 | 16 | 0,204 | | | |

● *Stokta/ In Stock / Lager* ○ *Sınırlı Stok / Limited Stock / Begrenzte Lagerhaltung*

## 93° SVJCR



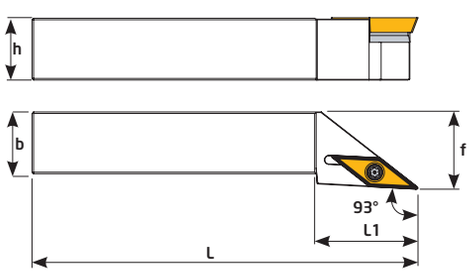



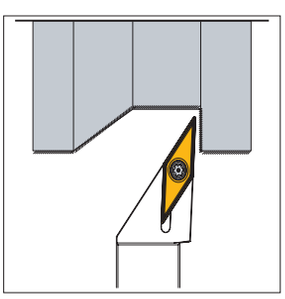



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Altlık *Shim U-Platte* | Altlık Civatası *Shim Screw U-Platte Schraube* | **Anahtar** *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L | L1 | h | f | b | kg | | | | | |
| D239 | ● | SVJCR 1010 J11 | 110 | 21 | 10 | 12 | 10 | 0,086 | VCMT 1103 | TC061 M2,5x6,5 | --- | --- | T8 |
| D240 | ● | SVJCR 1212 J11 | 110 | 21 | 12 | 16 | 12 | 0,135 | | | | | |
| D241 | ● | SVJCR 1616 H11 | 100 | 25 | 16 | 20 | 16 | 0,204 | | | | | |
| D242 | ● | SVJCR 2020 K11 | 125 | 33 | 20 | 25 | 20 | 0,378 | | | | | |
| D243 | ● | SVJCR 2525 M11 | 150 | 40 | 25 | 32 | 25 | 0,738 | | | | | |
| D244 | ● | SVJCR 1616 H16 | 100 | 33 | 16 | 20 | 16 | 0,195 | VCMT 1604 | TC068 M3,5x11 | TA034 | TC048 M5 | T15 |
| D246 | ● | SVJCR 2020 K16 | 125 | 33 | 20 | 25 | 20 | 0,385 | | | | | |
| D248 | ● | SVJCR 2525 M16 | 150 | 40 | 25 | 32 | 25 | 0,683 | | | | | |
| D249 | ● | SVJCR 3232 P16 | 170 | 50 | 32 | 40 | 32 | 1,284 | | | | | |

## 93° SVJCL



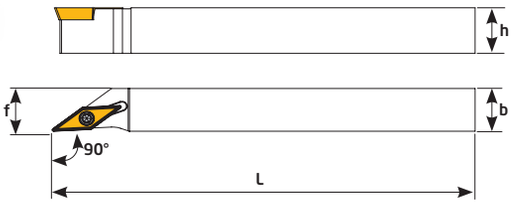



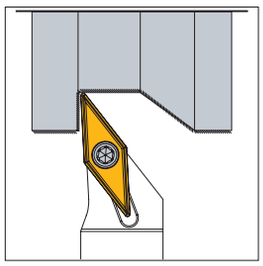



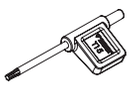
| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Altlık *Shim U-Platte* | Altlık Civatası *Shim Screw U-Platte Schraube* | **Anahtar** *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L | L1 | h | f | b | kg | | | | | |
| D383 | ● | SVJCL 1010 J11 | 110 | 21 | 10 | 12 | 10 | 0,086 | VCMT 1103 | TC061 M2,5x6,5 | --- | --- | T8 |
| D384 | ● | SVJCL 1212 J11 | 110 | 21 | 12 | 16 | 12 | 0,135 | | | | | |
| D385 | ● | SVJCL 1616 H11 | 100 | 25 | 16 | 20 | 16 | 0,204 | | | | | |
| D386 | ● | SVJCL 2020 K11 | 125 | 33 | 20 | 25 | 20 | 0,378 | | | | | |
| D387 | ● | SVJCL 2525 M11 | 150 | 40 | 25 | 32 | 25 | 0,738 | | | | | |
| D388 | ● | SVJCL 1616 H16 | 100 | 33 | 16 | 20 | 16 | 0,195 | VCMT 1604 | TC068 M3,5x11 | TA034 | TC048 M5 | T15 |
| D390 | ● | SVJCL 2020 K16 | 125 | 33 | 20 | 25 | 20 | 0,385 | | | | | |
| D392 | ● | SVJCL 2525 M16 | 150 | 40 | 25 | 32 | 25 | 0,683 | | | | | |
| D393 | ● | SVJCL 3232 P16 | 170 | 50 | 32 | 40 | 32 | 1,284 | | | | | |

## 90° SVJCR-F



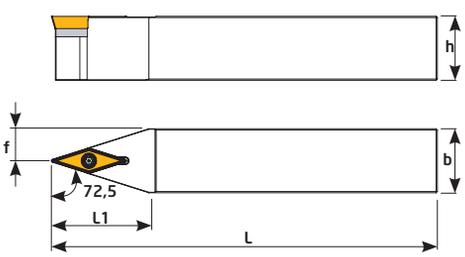



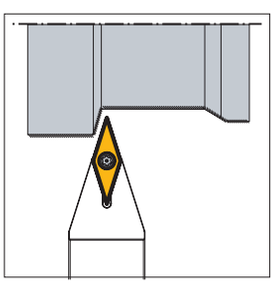



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | **Anahtar** *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | L | h | f | b | kg |  |  |  |
| D460 | ● | SVJCR 1212 J11-F | 110 | 12 | 12 | 12 | 0,134 | VCMT 1103 | TC061 M2,5x6,5 | T8 |
| D462 | ● | SVJCR 1616 H11-F | 100 | 16 | 16 | 16 | 0,202 | | | |

## 72,5° SVVCN



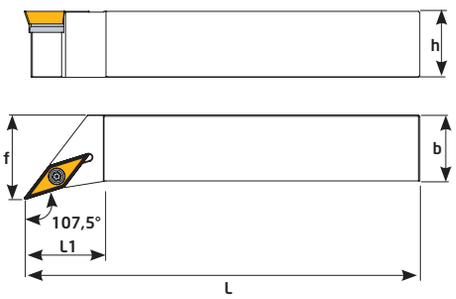



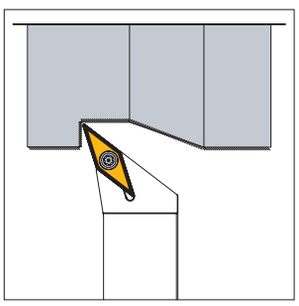



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Altlık *Shim U-Platte* | Altlık Civatası *Shim Screw U-Platte Schraube* | **Anahtar** *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L | L1 | h | f | b | kg |  |  |  |  |  |
| D142 | ● | SVVCN 1212 J11 | 110 | 22 | 12 | 6 | 12 | 0,127 | VC-- 1103 | TC061 M2,5x6,5 | --- | --- | T8 |
| D144 | ● | SVVCN 1616 H16 | 100 | 35 | 16 | 8 | 16 | 0,187 | VCMT 1604 | TC068 M3,5x11 | TA034 | TC048 M5 | T15 |
| D150 | ● | SVVCN 2020 K16 | 125 | 35 | 20 | 10 | 20 | 0,373 | | | | | |
| D152 | ● | SVVCN 2525 M16 | 150 | 40 | 25 | 12,5 | 25 | 0,675 | | | | | |

## 107,5° SVHCR



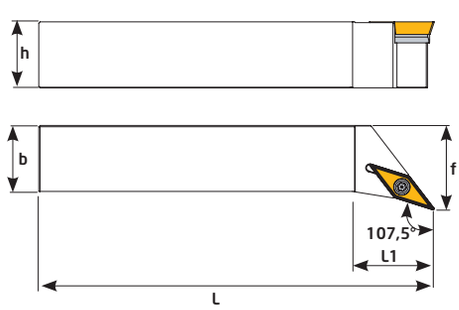


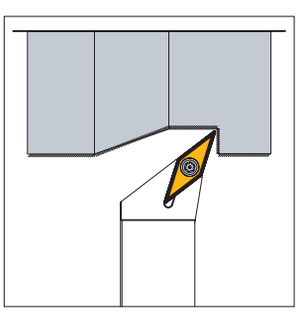



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Altlık *Shim U-Platte* | Altlık Civatası *Shim Screw U-Platte Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L | L1 | h | f | b | kg | | | | | |
| D254 | ● | SVHCR 2020 K16 | 125 | 30 | 20 | 25 | 20 | 0,384 | VCMT 1604 | TC068 M3,5x11 | TA034 | TC048 M5 | T15 |
| D256 | ● | SVHCR 2525 M16 | 150 | 30 | 25 | 32 | 25 | 0,707 | | | | | |

## 107,5° SVHCL



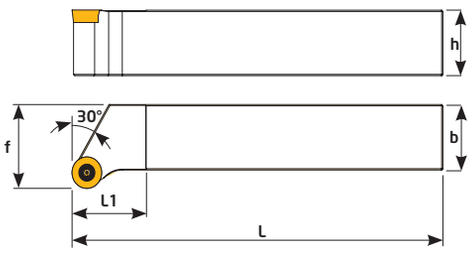


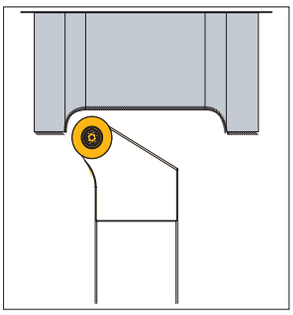



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Altlık *Shim U-Platte* | Altlık Civatası *Shim Screw U-Platte Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L | L1 | h | f | b | kg | | | | | |
| D354 | ● | SVHCL 2020 K16 | 125 | 30 | 20 | 25 | 20 | 0,384 | VCMT 1604 | TC068 M3,5x11 | TA034 | TC048 M5 | T15 |
| D356 | ● | SVHCL 2525 M16 | 150 | 30 | 25 | 32 | 25 | 0,707 | | | | | |

## 30° SRGCR



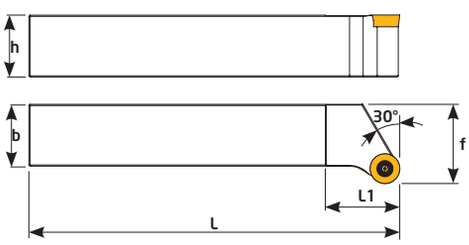


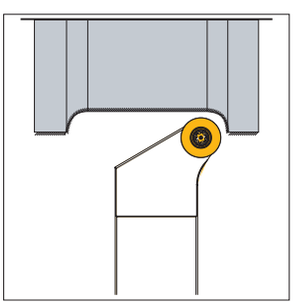



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L | L1 | h | f | b | kg | | | |
| D280 | ● | SRGCR 2020 K08 | 125 | 25 | 20 | 25 | 20 | 0,411 | RCMT 0803 | TC065 M3x7 | T8 |
| D282 | ● | SRGCR 2525 M08 | 150 | 30 | 25 | 32 | 25 | 0,710 | | | |
| D284 | ● | SRGCR 2020 K10 | 125 | 25 | 20 | 25 | 20 | 0,410 | RCMT 10T3 | TC067 M3,5x8,5 | T15 |
| D286 | ● | SRGCR 2525 M10 | 150 | 30 | 25 | 32 | 25 | 0,720 | | | |
| D288 | ● | SRGCR 2020 K12 | 125 | 25 | 20 | 25 | 20 | 0,422 | RCMT 12T3 | | |
| D290 | ● | SRGCR 2525 M12 | 150 | 30 | 25 | 32 | 25 | 0,744 | | | |

## 30° SRGCL



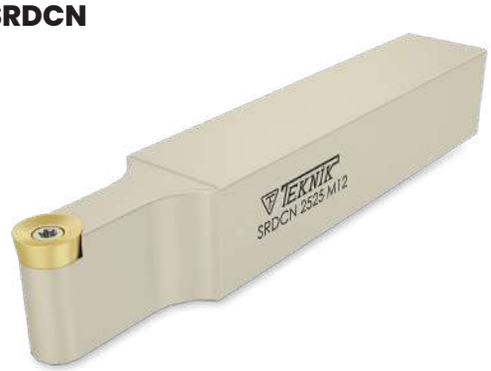


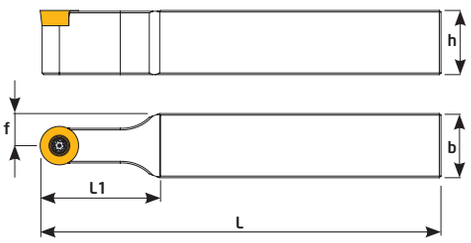



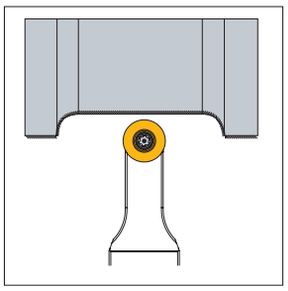
| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L | L1 | h | f | b | kg | | | |
| D293 | ● | SRGCL 2020 K08 | 125 | 25 | 20 | 25 | 20 | 0,411 | RCMT 0803 | TC065 M3x7 | T8 |
| D294 | ● | SRGCL 2525 M08 | 150 | 30 | 25 | 32 | 25 | 0,710 | | | |
| D283 | ● | SRGCL 2020 K10 | 125 | 25 | 20 | 25 | 20 | 0,410 | RCMT 10T3 | TC067 M3,5x8,5 | T15 |
| D292 | ● | SRGCL 2525 M10 | 150 | 30 | 25 | 32 | 25 | 0,720 | | | |
| D281 | ● | SRGCL 2020 K12 | 125 | 25 | 20 | 25 | 20 | 0,422 | RCMT 12T3 | | |
| D291 | ● | SRGCL 2525 M12 | 150 | 30 | 25 | 32 | 25 | 0,744 | | | |

● *Stokta/ In Stock / Lager* ○ *Sınırlı Stok / Limited Stock / Begrenzte Lagerhaltung*

## SRDCN



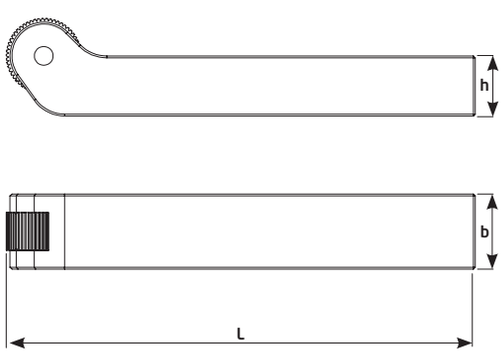



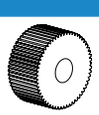



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L | L1 | h | f | b | kg | | | |
| D270 | ● | SRDCN 2020 K08 | 125 | 37 | 20 | 10 | 20 | 0,358 | RCMT 0803 | TC065 M3x7 | T8 |
| D271 | ● | SRDCN 2525 M08 | 150 | 37 | 25 | 12.5 | 25 | 0,653 | | | |
| D272 | ● | SRDCN 2020 K10 | 125 | 35 | 20 | 10 | 20 | 0,370 | RCMT 10T3 | TC067 M3,5x8,5 | T15 |
| D274 | ● | SRDCN 2525 M10 | 150 | 35 | 25 | 12.5 | 25 | 0,670 | | | |
| D276 | ● | SRDCN 2020 K12 | 125 | 38 | 20 | 10 | 20 | 0,372 | RCMT 1204 | | |
| D278 | ● | SRDCN 2525 M12 | 150 | 38 | 25 | 12.5 | 25 | 0,668 | | | |
| D273 | ● | SRDCN 2525 M16 | 150 | 35 | 25 | 12.5 | 25 | 0,701 | RCMT 1606 | TC083 M5x12 | T20 |

## TIRTIL Kater
## *Knurling Tool*




| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | |  |  | L | h | b | kg |
| P100 | ● | 16-20 CNC TIRTIL | 20x10x6 | BSP041 6-23 | 125 | 16 | 20 | 0,351 |
| P102 | ● | 20-20 CNC TIRTIL | 20x10x6 | BSP041 6-18 | 125 | 20 | 20 | 0,427 |
| P104 | ● | 25-25 CNC TIRTIL | 20x10x6 | BSP040 6-23 | 150 | 25 | 25 | 0,600 |

TEKNİK
Cutting Tools

# AP Sistem İç Çap Kater - P Sistem İç Çap Kater
# AP System / P System Boring Bars
# AP System / P Systeam Bohrstange

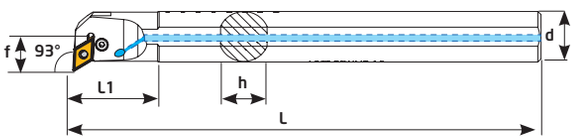



**Technical Solution for Quality**

# İçten Soğutmalı İç Çap Kater
*Boring Bars With Coolant*

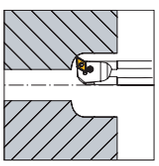
## 93° PDUNR IC







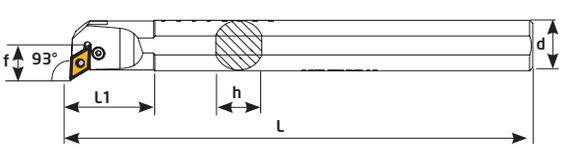




| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Klemm-Schraube* | Altlık *Shim U-Platte* | Levye Sacı *Lock Pin Rohrstift* | Levye *Lever Kniehebel* | Anahtar *Allen Key Inbuss-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dmin | d | L | L1 | f | h | kg | | | | | | |
| AP301 | ● | A20R PDUNR 11 | 25 | 20 | 200 | 40 | 13 | 18 | 0,500 | DNMG 1104 | TH512 | --- | --- | TL3B | 2 Allen |
| AP300 | ● | A25S PDUNR 15 | 32 | 25 | 250 | 50 | 17 | 23 | 0,900 | DNMG 1506 | TH613 | --- | --- | TL4A | 2,5 Allen |
| AP302 | ● | A32T PDUNR 15 | 40 | 32 | 300 | 55 | 22 | 30 | 1,770 | | TH821 | TA014-1 | TS-4 | TL4B | 3 Allen |
| AP304 | ● | A40T PDUNR 15 | 50 | 40 | 300 | 55 | 27 | 38 | 1,790 | | | | | | |

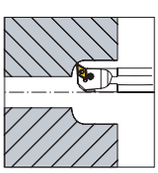
## 93° PDUNR







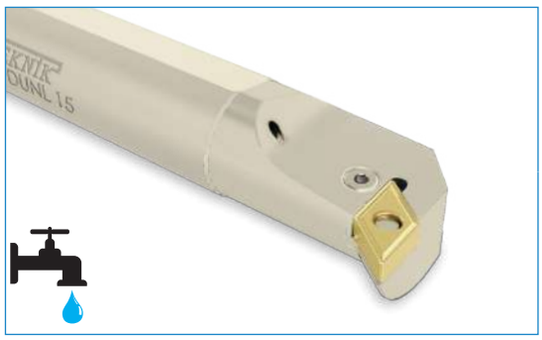




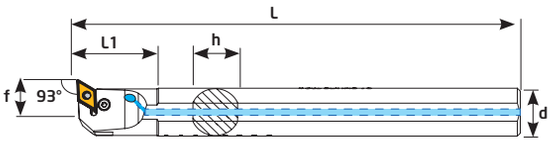
| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Klemm-Schraube* | Altlık *Shim U-Platte* | Levye Sacı *Lock Pin Rohrstift* | Levye *Lever Kniehebel* | Anahtar *Allen Key Inbuss-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dmin | d | L | L1 | f | h | kg | | | | | | |
| P300 | ● | S25S PDUNR 15 | 32 | 25 | 250 | 50 | 17 | 23 | 0,930 | DNMG 1506 | TH613 | --- | --- | TL4A | 2,5 Allen |
| P302 | ● | S32T PDUNR 15 | 40 | 32 | 300 | 55 | 22 | 30 | 1,805 | | TH821 | TA014-1 | TS-4 | TL4B | 3 Allen |
| P304 | ● | S40T PDUNR 15 | 50 | 40 | 300 | 55 | 27 | 38 | 2,790 | | | | | | |

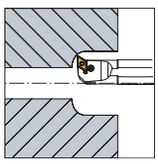
# İçten Soğutmalı İç Çap Kater
*Boring Bars With Coolant*

## 93° PDUNL IC



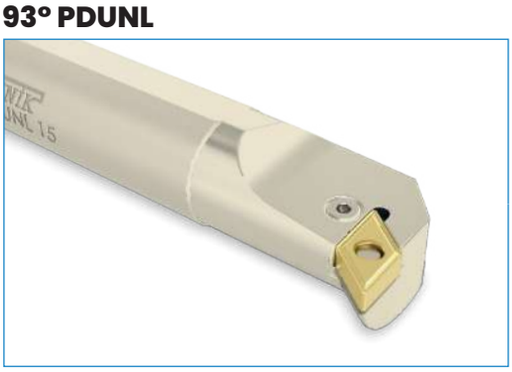


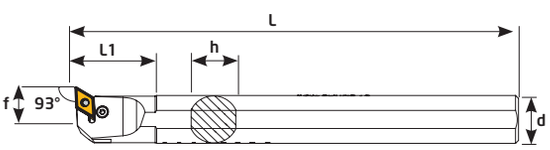



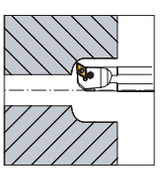
| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Klemm-Schraube* | Altlık *Shim U-Platte* | Levye Sacı *Lock Pin Rohrstift* | Levye *Lever Kniehebel* | Anahtar *Allen Key Inbuss-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dmin | d | L | L1 | f | h | kg | | | | | | |
| AP309 | ● | A20R PDUNL 11 | 25 | 20 | 200 | 40 | 13 | 18 | 0,500 | DNMG 1104 | TH512 | --- | --- | TL3B | 2 Allen |
| AP310 | ● | A25S PDUNL 15 | 32 | 25 | 250 | 50 | 17 | 23 | 0,900 | DNMG 1506 | TH613 | --- | --- | TL4A | 2,5 Allen |
| AP312 | ● | A32T PDUNL 15 | 40 | 32 | 300 | 55 | 22 | 30 | 1,770 | | TH821 | TA014-1 | TS-4 | TL4B | 3 Allen |
| AP314 | ● | A40T PDUNL 15 | 50 | 40 | 300 | 55 | 27 | 38 | 1,790 | | | | | | |

## 93° PDUNL





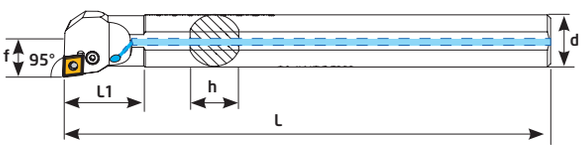



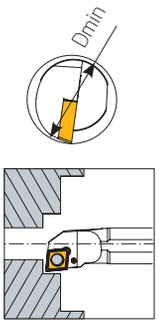
| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Ci-vatası *Clamp Screw Klemm-Schraube* | Altlık *Shim U-Platte* | Levye Sacı *Lock Pin Rohrstift* | Levye *Lever Kniehebel* | Anahtar *Allen Key Inbuss-Schlüs-sel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dmin | d | L | L1 | f | h | kg | | | | | | |
| P310 | ● | S25S PDUNL 15 | 32 | 25 | 250 | 50 | 17 | 23 | 0,930 | DNMG 1506 | TH613 | --- | --- | TL4A | 2,5 Allen |
| P312 | ● | S32T PDUNL 15 | 40 | 32 | 300 | 55 | 22 | 30 | 1,805 | | TH821 | TA014-1 | TS-4 | TL4B | 3 Allen |
| P314 | ● | S40T PDUNL 15 | 50 | 40 | 300 | 55 | 27 | 38 | 2,790 | | | | | | |

# İçten Soğutmalı İç Çap Kater
*Boring Bars With Coolant*

## 95° PCLNR IC



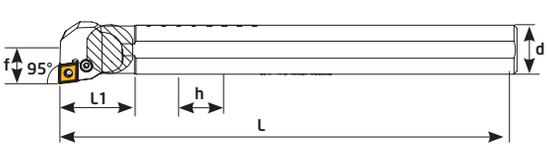



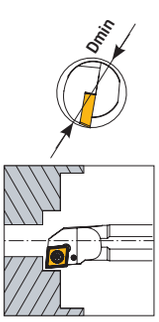




| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Klemm-Schraube* | Altlık *Shim U-Platte* | Levye Sacı *Lock Pin Rohrstift* | Levye *Lever Kniehebel* | Anahtar *Allen Key Inbuss-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dmin | d | L | L1 | f | h | kg | | | | | | |
| AP337 | ● | A20R PCLNR 09 | 25 | 20 | 200 | 40 | 13 | 18 | 0,435 | CNMG 09T3 | TH617 | TA023 | TS3 | TL3 | 2,5 Allen |
| AP338 | ● | A20R PCLNR 12 | 24 | 20 | 200 | 50 | 13 | 18 | 0,520 | CNMG 1204 | TH613 | --- | --- | TL4A | 2,5 Allen |
| AP340 | ● | A25S PCLNR 12 | 32 | 25 | 250 | 50 | 17 | 23 | 0,921 | | | | | | |
| AP342 | ● | A32T PCLNR 12 | 40 | 32 | 300 | 50 | 22 | 30 | 1,809 | | TH821 | TA016-1 | TS-4 | TL4 | 3 Allen |
| AP344 | ● | A40T PCLNR 12 | 50 | 40 | 300 | 55 | 27 | 38 | 1,820 | | | | | | |

## 95° PCLNR



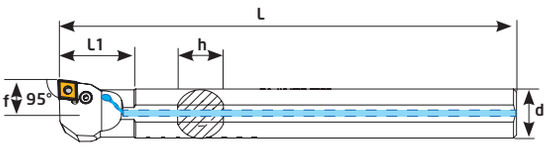



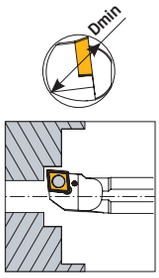

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Klemm-Schraube* | Altlık *Shim U-Platte* | Levye Sacı *Lock Pin Rohrstift* | Levye *Lever Kniehebel* | Anahtar *Allen Key Inbuss-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dmin | d | L | L1 | f | h | kg | | | | | | |
| P338 | ● | S20R PCLNR 12 | 24 | 20 | 200 | 50 | 13 | 18 | 0,540 | CNMG 1204 | TH613 | --- | --- | TL4A | 2,5 Allen |
| P340 | ● | S25S PCLNR 12 | 32 | 25 | 250 | 50 | 17 | 23 | 0,978 | | | | | | |
| P342 | ● | S32T PCLNR 12 | 40 | 32 | 300 | 50 | 22 | 30 | 1,815 | | TH821 | TA016-1 | TS-4 | TL4 | 3 Allen |
| P344 | ● | S40T PCLNR 12 | 50 | 40 | 300 | 55 | 27 | 38 | 1,825 | | | | | | |

# İçten Soğutmalı İç Çap Kater
*Boring Bars With Coolant*

## 95° PCLNL IC

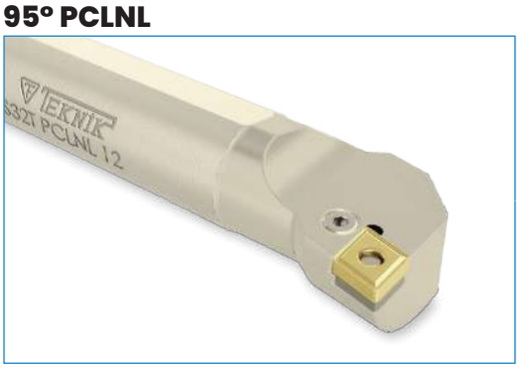


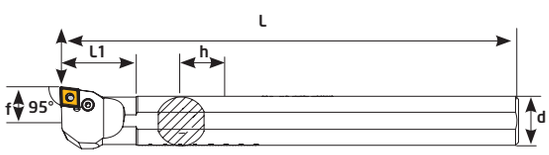



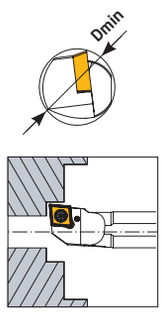




| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Klemm-Schraube* | Altlık *Shim U-Platte* | Levye Sacı *Lock Pin Rohrstift* | Levye *Lever Kniehebel* | Anahtar *Allen Key Inbuss-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dmin | d | L | L1 | f | h | kg | | | | | | |
| AP347 | ● | A20R PCLNL 09 | 26 | 20 | 200 | 40 | 13 | 18 | 0,435 | CNMG 09T3 | TH617 | TA023 | TS3 | TL3 | 2,5 Allen |
| AP348 | ● | A20R PCLNL 12 | 24 | 20 | 200 | 50 | 13 | 18 | 0,520 | CNMG 1204 | TH613 | --- | --- | TL4A | 2,5 Allen |
| AP350 | ● | A25S PCLNL 12 | 32 | 25 | 250 | 50 | 17 | 23 | 0,921 | | | | | | |
| AP352 | ● | A32T PCLNL 12 | 40 | 32 | 300 | 50 | 22 | 30 | 1,809 | | TH821 | TA016-1 | TS-4 | TL4 | 3 Allen |
| AP354 | ● | A40T PCLNL 12 | 50 | 40 | 300 | 55 | 27 | 38 | 1,820 | | | | | | |

## 95° PCLNL



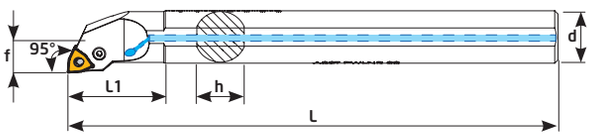

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Klemm-Schraube* | Altlık *Shim U-Platte* | Levye Sacı *Lock Pin Rohrstift* | Levye *Lever Kniehebel* | Anahtar *Allen Key Inbuss-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dmin | d | L | L1 | f | h | kg | | | | | | |
| P348 | ● | S20R PCLNL 12 | 24 | 20 | 200 | 50 | 13 | 18 | 0,540 | CNMG 1204 | TH613 | --- | --- | TL4A | 2,5 Allen |
| P350 | ● | S25S PCLNL 12 | 32 | 25 | 250 | 50 | 17 | 23 | 0,978 | | | | | | |
| P352 | ● | S32T PCLNL 12 | 40 | 32 | 300 | 50 | 22 | 30 | 1,815 | | TH821 | TA016-1 | TS-4 | TL4 | 3 Allen |
| P354 | ● | S40T PCLNL 12 | 50 | 40 | 300 | 55 | 27 | 38 | 1,825 | | | | | | |

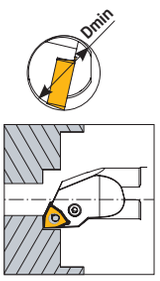
● *Stokta/ In Stock / Lager* ○ *Sınırlı Stok / Limited Stock / Begrenzte Lagerhaltung*

# İçten Soğutmalı İç Çap Kater
*Boring Bars With Coolant*

## 95° PWLNR 08 IC

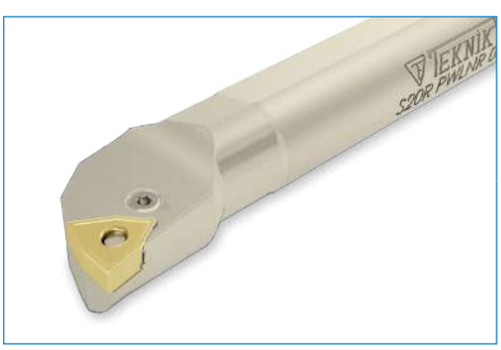


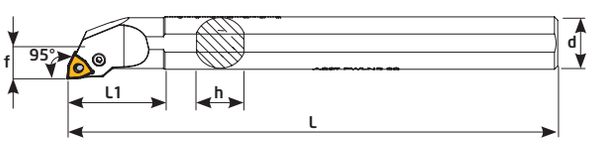


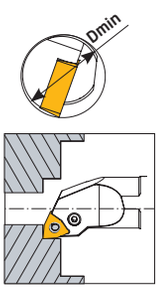




| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Klemm-Schraube* | Altlık *Shim U-Platte* | Levye Sacı *Lock Pin Rohrstift* | Levye *Lever Kniehebel* | Anahtar *Allen Key Inbuss-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dmin | d | L | L1 | f | h | kg |  |  |  |  |  |  |
| AP360 | ● | A25S PWLNR 08 | 32 | 25 | 250 | 50 | 17 | 23 | 0,911 | WNMG 0804 | TH613 | --- | --- | TL4A | 2,5 Allen |
| AP362 | ● | A32T PWLNR 08 | 40 | 32 | 300 | 60 | 22 | 30 | 1,764 | | TH821 | TA020-1 | TS-4 | TL4 | 3 Allen |
| AP364 | ● | A40T PWLNR 08 | 50 | 40 | 300 | 60 | 27 | 38 | 2,800 | | | | | | |

## 95° PWLNR 08



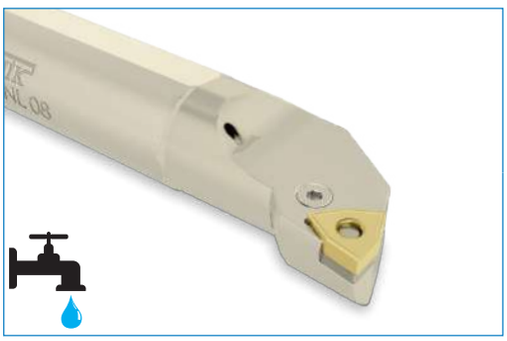


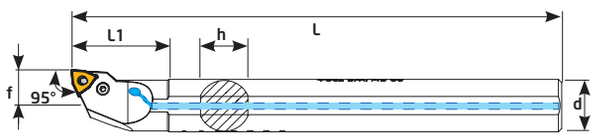



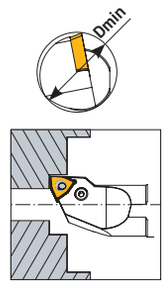

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Klemm-Schraube* | Altlık *Shim U-Platte* | Levye Sacı *Lock Pin Rohrstift* | Levye *Lever Kniehebel* | Anahtar *Allen Key Inbuss-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dmin | d | L | L1 | f | h | kg |  |  |  |  |  |  |
| P360 | ● | S25S PWLNR 08 | 32 | 25 | 250 | 50 | 17 | 23 | 0,911 | WNMG 0804 | TH613 | --- | --- | TL4A | 2,5 Allen |
| P362 | ● | S32T PWLNR 08 | 40 | 32 | 300 | 60 | 22 | 30 | 1,764 | | TH821 | TA020-1 | TS-4 | TL4 | 3 Allen |
| P364 | ● | S40T PWLNR 08 | 50 | 40 | 300 | 60 | 27 | 38 | 2,450 | | | | | | |

# İçten Soğutmalı İç Çap Kater
*Boring Bars With Coolant*

## 95° PWLNL 08 IC

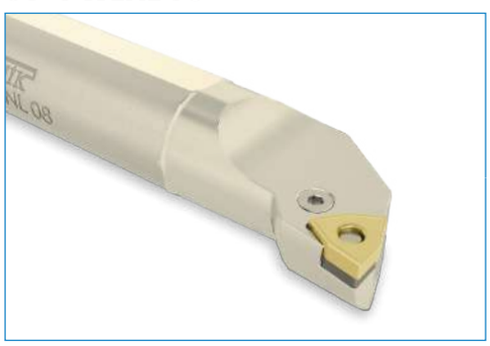


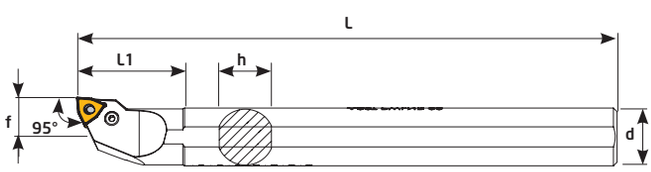


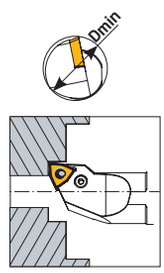




| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Klemm-Schraube* | Altlık *Shim U-Platte* | Levye Sacı *Lock Pin Rohrstift* | Levye *Lever Kniehebel* | Anahtar *Allen Key Inbuss-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dmin | d | L | L1 | f | h | kg | | | | | | |
| AP370 | ● | A25S PWLNL 08 | 32 | 25 | 250 | 50 | 17 | 23 | 0,911 | WNMG 0804 | TH613 | --- | --- | TL4A | 2,5 Allen |
| AP372 | ● | A32T PWLNL 08 | 40 | 32 | 300 | 60 | 22 | 30 | 1,764 | | TH821 | TA020-1 | TS-4 | TL4 | 3 Allen |
| AP374 | ● | A40T PWLNL 08 | 50 | 40 | 300 | 60 | 27 | 38 | 2,800 | | | | | | |

## 95° PWLNL 08



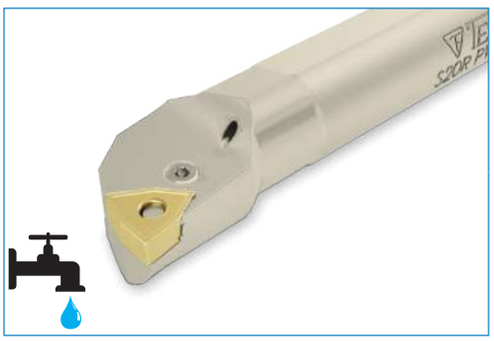


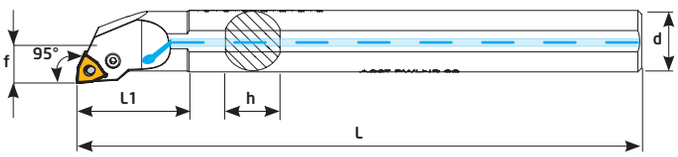




| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Klemm-Schraube* | Altlık *Shim U-Platte* | Levye Sacı *Lock Pin Rohrstift* | Levye *Lever Kniehebel* | Anahtar *Allen Key Inbuss-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dmin | d | L | L1 | f | h | kg | | | | | | |
| P370 | ● | S25S PWLNL 08 | 32 | 25 | 250 | 50 | 17 | 23 | 0,911 | WNMG 0804 | TH613 | --- | --- | TL4A | 2,5 Allen |
| P372 | ● | S32T PWLNL 08 | 40 | 32 | 300 | 60 | 22 | 30 | 1,764 | | TH821 | TA020-1 | TS-4 | TL4 | 3 Allen |
| P374 | ● | S40T PWLNL 08 | 50 | 40 | 300 | 60 | 27 | 38 | 2,450 | | | | | | |

## İçten Soğutmalı İç Çap Kater
*Boring Bars With Coolant*

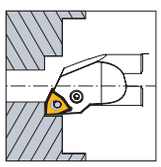
### 95° PWLNR 06 IC

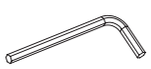






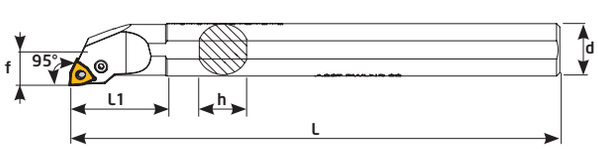





| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Klemm-Schraube* | Levye *Lever Kniehebel* | Anahtar *Allen Key Inbuss-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dmin | d | L | L1 | f | h | (kg) |  |  |  |  |
| AP380 | ● | A16R PWLNR 06 | 20 | 16 | 200 | 40 | 11 | 15 | 0,326 | WNMG 0604 | TH512 | TL3B | 2 Allen |
| AP382 | ● | A20R PWLNR 06 | 25 | 20 | 200 | 40 | 13 | 18 | 0,471 | | | | |

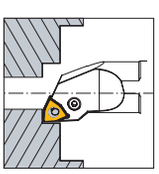
### 95° PWLNR 06

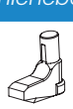






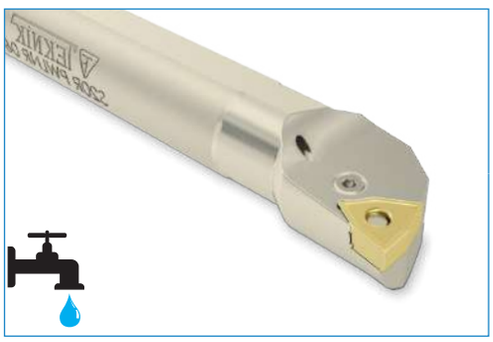


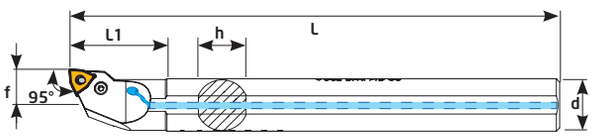


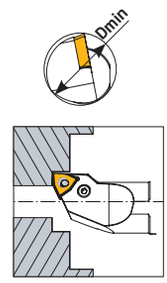

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Klemm-Schraube* | Levye *Lever Kniehebel* | Anahtar *Allen Key Inbuss-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dmin | d | L | L1 | f | h | (kg) |  |  |  |  |
| P380 | ● | S16R PWLNR 06 | 20 | 16 | 200 | 40 | 11 | 15 | 0,316 | WNMG 0604 | TH512 | TL3B | 2 Allen |
| P382 | ● | S20R PWLNR 06 | 25 | 20 | 200 | 40 | 13 | 18 | 0,502 | | | | |

# İçten Soğutmalı İç Çap Kater
*Boring Bars With Coolant*

## 95° PWLNL 06 IC

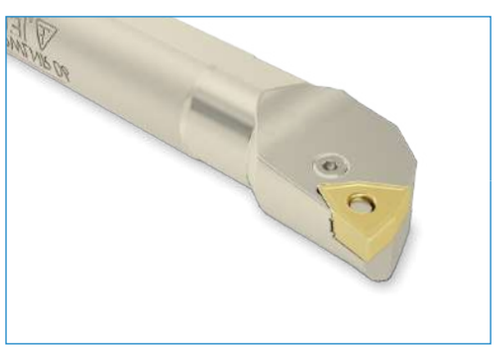


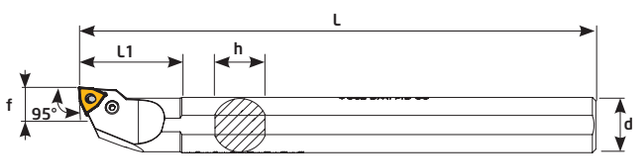


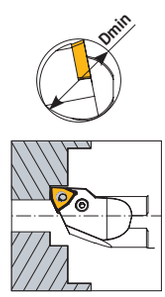




| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Klemm-Schraube* | Levye *Lever Kniehebel* | Anahtar *Allen Key Inbuss-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dmin | d | L | L1 | f | h | kg | | | | |
| AP388 | ● | A16R PWLNL 06 | 20 | 16 | 200 | 40 | 11 | 15 | 0,326 | WNMG 0604 | TH512 | TL3B | 2 Allen |
| AP390 | ● | A20R PWLNL 06 | 25 | 20 | 200 | 40 | 13 | 18 | 0,471 | | | | |

## 95° PWLNL 06






| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Klemm-Schraube* | Levye *Lever Kniehebel* | Anahtar *Allen Key Inbuss-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dmin | d | L | L1 | f | h | kg | | | | |
| P388 | ● | S16R PWLNL 06 | 20 | 16 | 200 | 40 | 11 | 15 | 0,316 | WNMG 0604 | TH512 | TL3B | 2 Allen |
| P390 | ● | S20R PWLNL 06 | 25 | 20 | 200 | 40 | 13 | 18 | 0,502 | | | | |

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D-M Sistem İç Çap Kater

# D-M System Boring Bars

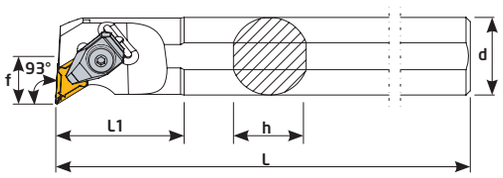
D-M System Bohrstange

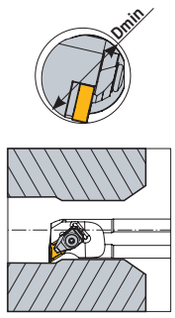



**Technical Solution for Quality**

## 93° DDUNR

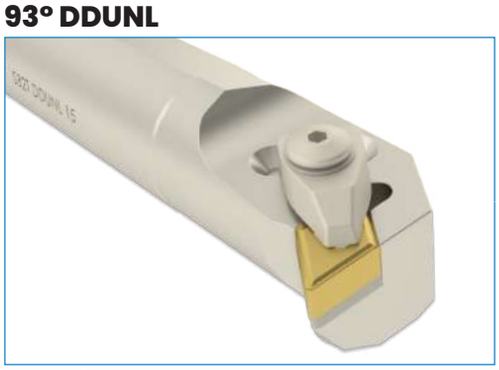


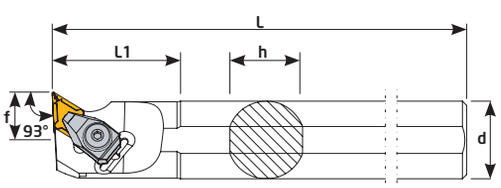


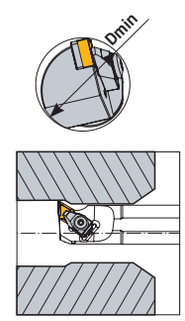




| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Uç *Insert WSP* | Baskı Civatası *Locking Screw Verriege-lungs Schraube* | Altlık *Shim U-Platte* | Altlık Civatası *Shim Screw U-Platte Schraube* | Baskı Kepi *Clamp Spann pratze* | Yay *Spring Feder* | Pul *Washer U-Schei-be* | Anahtar *Allen Key In-buss-Schlüs-sel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dmin | d | L | L1 | f | h | kg | | | | | | | | |
| K408 | ● | S20R DDUNR 11 | 30 | 20 | 200 | 50 | 13 | 18 | 0,508 | DN--1104 | TC046 M5 | TA013 | TC034 M3x7 | BK024 | BY041 | BSP031 | 3 Allen |
| K409 | ● | S25S DDUNR 11 | 32 | 25 | 250 | 50 | 17 | 23 | 0,956 | | | | | | | | |
| K410 | ● | S25S DDUNR 15 | 32 | 25 | 250 | 50 | 17 | 23 | 0,950 | DN--1506 | TC044 M6 | TA014-1 | TC038 M4x10 | BK020 | BY040 | BSP030 | 3 Allen |
| K412 | ● | S32T DDUNR 15 | 40 | 32 | 300 | 55 | 22 | 30 | 1,835 | | | | | | | | |
| K414 | ● | S40T DDUNR 15 | 50 | 40 | 300 | 60 | 27 | 38 | 2,848 | | | | | | | | |
| K415 | ● | S40U DDUNR 15 | 50 | 40 | 350 | 60 | 27 | 38 | 3,336 | | | | | | | | |
| K416 | ● | S50U DDUNR 15 | 63 | 50 | 350 | 65 | 35 | 47 | 5,153 | | | | | | | | |
| K417 | ● | S50X DDUNR 15 | 63 | 50 | 550 | 65 | 35 | 47 | 8,716 | | | | | | | | |
| K417-1 | ● | S60X DDUNR 15 | 73 | 60 | 600 | 65 | 37,5 | 57 | 13,66 | | | | | | | | |
| K411 | ● | S25S DDUNR 15 | 32 | 25 | 250 | 50 | 17 | 23 | 0,958 | DN--1504 | TC044 M6 | TA014-1 | TC038 M4x10 | BK020 | BY040 | BSP030 | 3 Allen |
| K413 | ● | S32T DDUNR 15 | 40 | 32 | 300 | 55 | 22 | 30 | 1,830 | | | | | | | | |

## 93° DDUNL

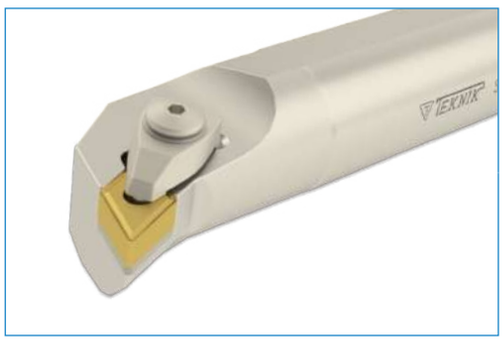


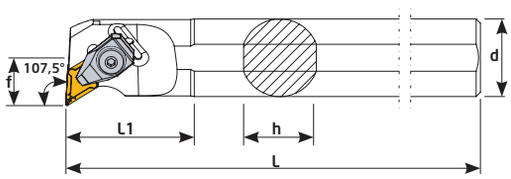


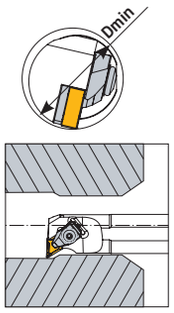




| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Uç *Insert WSP* | Baskı Civatası *Locking Screw Verriege-lungs Schraube* | Altlık *Shim U-Platte* | Altlık Civatası *Shim Screw U-Platte Schraube* | Baskı Kepi *Clamp Spann pratze* | Yay *Spring Feder* | Pul *Washer U-Schei-be* | Anahtar *Allen Key In-buss-Schlüs-sel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dmin | d | L | L1 | f | h | kg | | | | | | | | |
| K487 | ● | S20R DDUNL 11 | 30 | 20 | 200 | 50 | 13 | 18 | 0,508 | DN--1104 | TC046 M5 | TA013 | TC034 M3x7 | BK024 | BY041 | BSP031 | 3 Allen |
| K488 | ● | S25S DDUNL 11 | 32 | 25 | 250 | 50 | 17 | 23 | 0,956 | | | | | | | | |
| K490 | ● | S25S DDUNL 15 | 32 | 25 | 250 | 50 | 17 | 23 | 0,950 | DN--1506 | TC044 M6 | TA014-1 | TC038 M4x10 | BK020 | BY040 | BSP030 | 3 Allen |
| K492 | ● | S32T DDUNL 15 | 40 | 32 | 300 | 55 | 22 | 30 | 1,835 | | | | | | | | |
| K494 | ● | S40T DDUNL 15 | 50 | 40 | 300 | 60 | 27 | 38 | 2,848 | | | | | | | | |
| K495 | ● | S40U DDUNL 15 | 50 | 40 | 350 | 60 | 27 | 38 | 3,336 | | | | | | | | |
| K496 | ● | S50U DDUNL 15 | 63 | 50 | 350 | 65 | 35 | 47 | 5,153 | | | | | | | | |

## 107,5° DDQNR

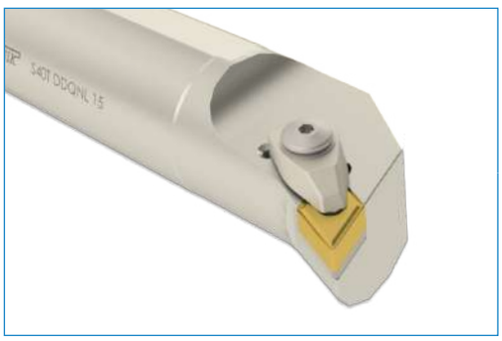


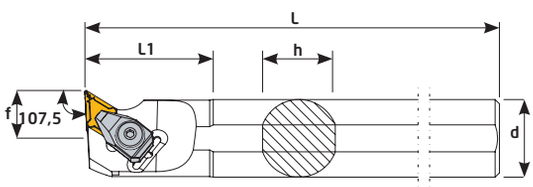


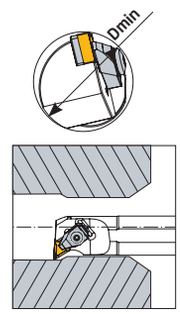




| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Uç *Insert WSP* | Baskı Civatası *Locking Screw Verriegelungs Schraube* | Altlık *Shim U-Platte* | Altlık Civatası *Shim Screw U-Platte Schraube* | Baskı Kepi *Clamp Spann pratze* | Yay *Spring Feder* | Pul *Washer U-Scheibe* | Anahtar *Allen Key Inbuss-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dmin | d | L | L1 | f | h | (kg) | | | | | | | | |
| K476 | ● | S25S DDQNR 15 | 32 | 25 | 250 | 50 | 17 | 23 | 0,935 | DN--1506 | TC044 M6 | TA014-1 | TC038 M4x10 | BK020 | BY040 | BSP030 | 3 Allen |
| K477 | ● | S32T DDQNR 15 | 40 | 32 | 300 | 60 | 22 | 30 | 1,805 | | | | | | | | |
| K478 | ● | S40T DDQNR 15 | 50 | 40 | 300 | 60 | 27 | 38 | 2,786 | | | | | | | | |
| K479 | ● | S50U DDQNR 15 | 63 | 50 | 350 | 65 | 35 | 47 | 5,166 | | | | | | | | |

## 107,5° DDQNL





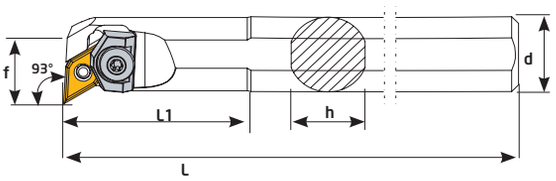



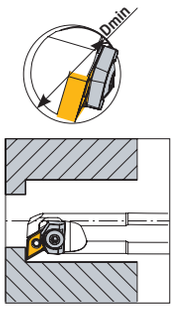

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Uç *Insert WSP* | Baskı Civatası *Locking Screw Verriege-lungs Schraube* | Altlık *Shim U-Platte* | Altlık Civatası *Shim Screw U-Platte Schraube* | Baskı Kepi *Clamp Spann pratze* | Yay *Spring Feder* | Pul *Washer U-Schei-be* | Anahtar *Allen Key Inbuss-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dmin | d | L | L1 | f | h | (kg) | | | | | | | | |
| K533 | ● | S25S DDQNL 15 | 32 | 25 | 250 | 50 | 17 | 23 | 0,935 | DN--1506 | TC044 M6 | TA014-1 | TC038 M4x10 | BK020 | BY040 | BSP030 | 3 Allen |
| K534 | ● | S32T DDQNL 15 | 40 | 32 | 300 | 60 | 22 | 30 | 1,805 | | | | | | | | |
| K535 | ● | S40T DDQNL 15 | 50 | 40 | 300 | 60 | 27 | 38 | 2,786 | | | | | | | | |
| K536 | ● | S50U DDQNL 15 | 63 | 50 | 350 | 65 | 35 | 47 | 5,166 | | | | | | | | |

● *Stokta/ In Stock / Lager* ○ *Sınırlı Stok / Limited Stock / Begrenzte Lagerhaltung*

## 93° MDUNR

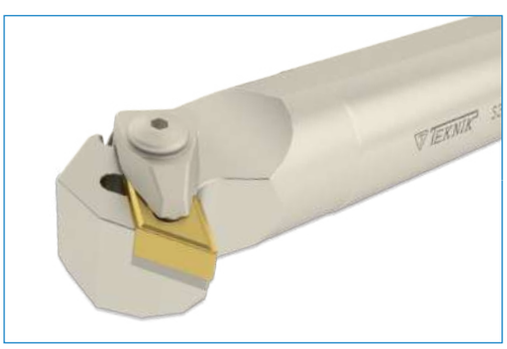


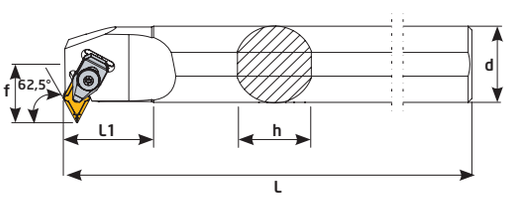



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Uç *Insert WSP* | Baskı Civatası *Locking Screw Verriegelungs Schraube* | Pim *Lock Pin Rohrstift* | Baskı Kepi *Clamp Spann pratze* | Yay *Spring Fede* | Anahtar *Allen Key In-buss-Schlüs-sel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dmin | d | L | L1 | f | h | (kg) |  |  |  |  |  |  |
| K408-1 | ● | S20R MDUNR 11 | 25 | 20 | 200 | 50 | 13 | 18 | 0,508 | DN--1104 | TC046 M5 | BSP021 | BK017 | BY041 | 3 Allen |

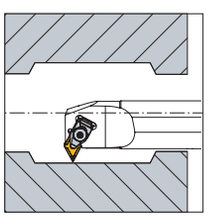
## 62,5° DDWNR





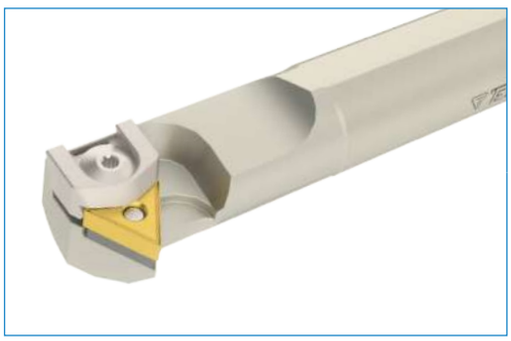


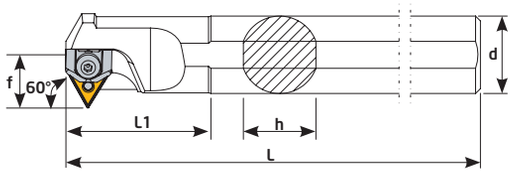


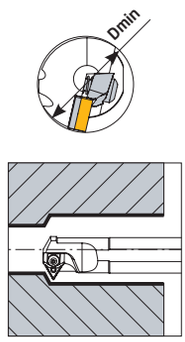


| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Uç *Insert WSP* | Baskı Civatası *Locking Screw Verriege-lungs Schraube* | Altlık *Shim U-Platte* | Altlık Civatası *Shim Screw U-Platte Schraube* | Baskı Kepi *Clamp Spann pratze* | Yay *Spring Feder* | Pul *Washer U-Schei-be* | Anahtar *Allen Key In-buss-Schlüs-sel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dmin | d | L | L1 | f | h | (kg) |  |  |  |  |  |  |  |  |
| K464 | ● | S32T DDWNR 15 | 40 | 32 | 300 | 55 | 24 | 30 | 1,859 | DN--1506 | TC044 M6 | TA014-1 | TC038 M4x10 | BK020 | BY040 | BSP030 | 3 Allen |
| K466 | ● | S40T DDWNR 15 | 50 | 40 | 300 | 50 | 30 | 38 | 2,918 | | | | | | | | |
| K468 | ● | S50U DDWNR 15 | 63 | 50 | 350 | 60 | 35 | 47 | 5,298 | | | | | | | | |

## 60° MTENR





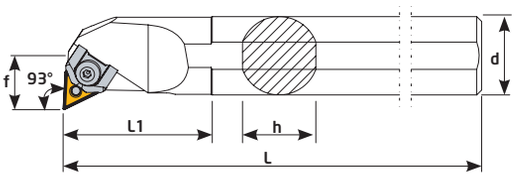



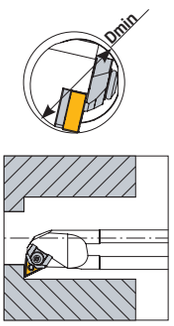

| **Sipariş Kodu** *Order Code Best.-Nr.* | **Stok**/Stock/Lager | **Ürün Kodu** *Product Code Produkt-Code* | **Ölçüler (mm)** *Dimensions(mm) Abmessungen (mm)* | | | | | | | **Uç** *Insert WSP* | **Baskı Civatası** *Locking Screw Verriegelungs Schraube* | **Altlık** *Shim U-Platte* | **Altlık Pimi** *Lock Pin Rohrstift* | **Baskı Kepi** *Clamp Spann pratze* | **Yay** *Spring Feder* | **Pul** *Washer U-Scheibe* | **Anahtar** *Allen Key Inbuss-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dmin | d | L | L1 | f | h | (kg) |  |  |  |  |  |  |  |  |
| K456 | ● | S25S MTENR 16 | 32 | 25 | 250 | 55 | 17 | 23 | 0,960 | TNMG 1604 | TC046 M5 | TA019 | BSP 020 | BK022 | BY043 | BSP031 | 3 Allen |
| K458 | ● | S32T MTENR 16 | 40 | 32 | 300 | 60 | 22 | 30 | 1,842 | | | | | | | | |
| K460 | ● | S40T MTENR 16 | 50 | 40 | 300 | 60 | 27 | 38 | 2,802 | | | | | | | | |
| K462 | ● | S50U MTENR 16 | 63 | 50 | 350 | 70 | 35 | 47 | 5,125 | | | | | | | | |



## 93° MTUNR

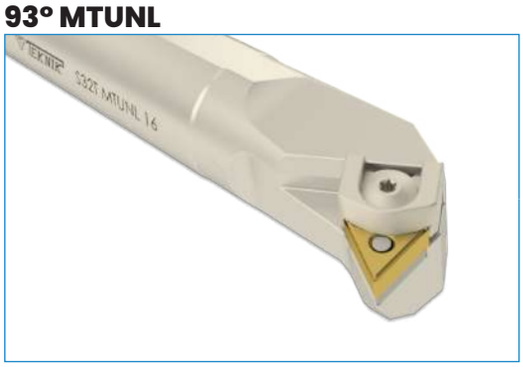


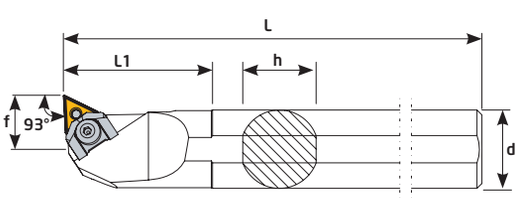



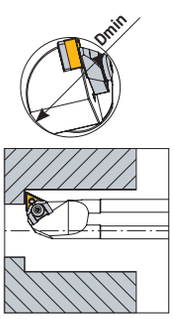




| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Uç *Insert WSP* | Baskı Civatası *Locking Screw Verriegelungs Schraube* | Altlık *Shim U-Platte* | Altlık Pimi *Lock Pin Rohrstift* | Baskı Kepi *Clamp Spann pratze* | Yay *Spring Feder* | Pul *Washer U-Schei-be* | Anahtar *Allen Key Inbuss-Schlüs-sel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dmin | d | L | L1 | f | h | kg | | | | | | | | |
| K441 | ● | S20R MTUNR 16 | 25 | 20 | 200 | 50 | 13 | 18 | 0,513 | TNMG 1604 | TC043 M5 | --- | BSP019 | BK017-1 | BY041 | BSP031 | 3 Allen |
| K442 | ● | S25S MTUNR 16 | 32 | 25 | 250 | 50 | 17 | 23 | 0,952 | | TC046 M5 | TA019 | BSP020 | BK022 | BY043 | | |
| K444 | ● | S32T MTUNR 16 | 40 | 32 | 300 | 60 | 22 | 30 | 1,835 | | | | | | | | |
| K446 | ● | S40T MTUNR 16 | 50 | 40 | 300 | 60 | 27 | 38 | 2,852 | | | | | | | | |
| K448 | ● | S50U MTUNR 16 | 63 | 50 | 350 | 65 | 35 | 47 | 5,150 | | | | | | | | |
| K450 | ● | S32T MTUNR 22 | 40 | 32 | 300 | 60 | 22 | 30 | 1,836 | TNMG 2204 | TC044 M6 | TA045 | BSP021 | BK023 | BY040 | BSP030 | 3 Allen |
| K452 | ● | S40T MTUNR 22 | 50 | 40 | 300 | 60 | 27 | 38 | 2,814 | | | | | | | | |
| K454 | ● | S50U MTUNR 22 | 63 | 50 | 350 | 65 | 35 | 47 | 5,145 | | | | | | | | |

## 93° MTUNL



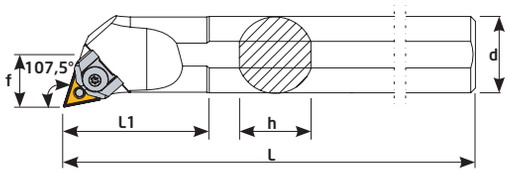



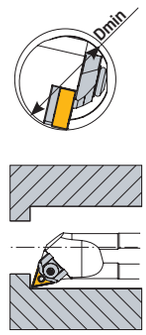




| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Uç *Insert WSP* | Baskı Civatası *Locking Screw Verriegelungs Schraube* | Altlık *Shim U-Platte* | Altlık Pimi *Lock Pin Rohrstift* | Baskı Kepi *Clamp Spann pratze* | Yay *Spring Feder* | Pul *Washer U-Schei-be* | Anahtar *Allen Key In-buss-Schlüs-sel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dmin | d | L | L1 | f | h | kg | | | | | | | | |
| K519 | ● | S20R MTUNL 16 | 25 | 20 | 200 | 30 | 13 | 18 | 0,513 | TNMG 1604 | TC043 M5 | --- | BSP019 | BK017-1 | BY041 | BSP031 | 3 Allen |
| K520 | ● | S25S MTUNL 16 | 32 | 25 | 250 | 50 | 17 | 23 | 0,952 | | TC046 M5 | TA019 | BSP020 | BK022 | BY043 | | |
| K522 | ● | S32T MTUNL 16 | 40 | 32 | 300 | 60 | 22 | 30 | 1,835 | | | | | | | | |
| K524 | ● | S40T MTUNL 16 | 50 | 40 | 300 | 60 | 27 | 38 | 2,852 | | | | | | | | |
| K526 | ● | S50U MTUNL 16 | 63 | 50 | 350 | 65 | 35 | 47 | 5,150 | | | | | | | | |
| K528 | ● | S32T MTUNL 22 | 40 | 32 | 300 | 60 | 22 | 30 | 1,836 | TNMG 2204 | TC044 M6 | TA045 | BSP021 | BK023 | BY040 | BSP030 | 3 Allen |
| K530 | ● | S40T MTUNL 22 | 50 | 40 | 300 | 60 | 27 | 38 | 2,814 | | | | | | | | |
| K532 | ● | S50U MTUNL 22 | 63 | 50 | 350 | 65 | 35 | 47 | 5,145 | | | | | | | | |

## 107,5° MTQNR



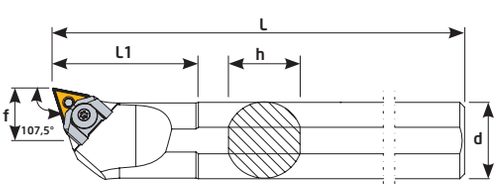



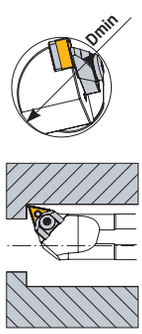




| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Uç *Insert WSP* | Baskı Civatası *Locking Screw Verriegelungs Schraube* | Altlık *Shim U-Platte* | Altlık Pimi *Lock Pin Rohrstift* | Baskı Kepi *Clamp Spann pratze* | Yay *Spring Feder* | Pul *Washer U-Scheibe* | Anahtar *Allen Key Inbuss-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dmin | d | L | L1 | f | h | kg | | | | | | | | |
| K365 | ● | S25S MTQNR 16 | 32 | 25 | 250 | 50 | 17 | 23 | 0,942 | TNMG 1604 | TC046 M5 | TA019 | BSP020 | BK022 | BY043 | BSP031 | 3 Allen |
| K366 | ● | S32T MTQNR 16 | 40 | 32 | 300 | 60 | 22 | 30 | 1,821 | | | | | | | | |
| K367 | ● | S40T MTQNR 16 | 50 | 40 | 300 | 60 | 27 | 38 | 2,807 | | | | | | | | |
| K368 | ● | S50U MTQNR 16 | 63 | 50 | 350 | 65 | 35 | 47 | 5,121 | | | | | | | | |

## 107,5° MTQNL



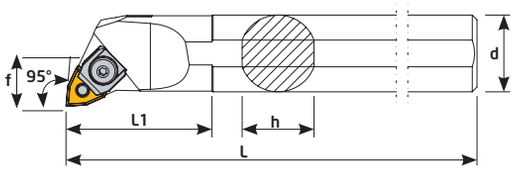



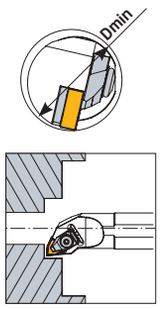




| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Uç *Insert WSP* | Baskı Civatası *Locking Screw Verriegelungs Schraube* | Altlık *Shim U-Platte* | Altlık Pimi *Lock Pin Rohrstift* | Baskı Kepi *Clamp Spann pratze* | Yay *Spring Feder* | Pul *Washer U-Scheibe* | Anahtar *Allen Key Inbuss-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dmin | d | L | L1 | f | h | kg | | | | | | | | |
| K537 | ● | S25S MTQNL 16 | 32 | 25 | 250 | 50 | 17 | 23 | 0,942 | TNMG 1604 | TC046 M5 | TA019 | BSP020 | BK022 | BY043 | BSP031 | 3 Allen |
| K538 | ● | S32T MTQNL 16 | 40 | 32 | 300 | 60 | 22 | 30 | 1,821 | | | | | | | | |
| K539 | ● | S40T MTQNL 16 | 50 | 40 | 300 | 60 | 27 | 38 | 2,807 | | | | | | | | |
| K540 | ● | S50U MTQNL 16 | 63 | 50 | 350 | 65 | 35 | 47 | 5,121 | | | | | | | | |

## 95° MWLNR



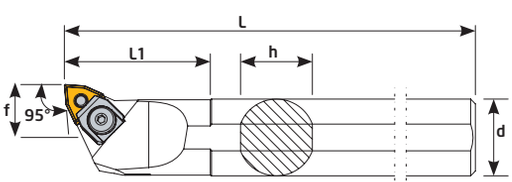



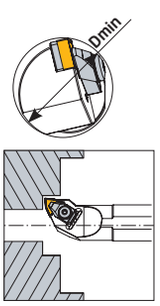




| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Uç *Insert WSP* | Baskı Civatası *Locking Screw Verriegelungs Schraube* | Altlık *Shim U-Platte* | Altlık Pimi *Lock Pin Rohrstift* | Baskı Kepi *Clamp Spann pratze* | Yay *Spring Feder* | Pul *Washer U-Scheibe* | Anahtar *Allen Key Inbuss-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dmin | d | L | L1 | f | h | kg | | | | | | | | |
| K427 | ● | S16Q MWLNR 06 | 20 | 16 | 180 | 40 | 11 | 15 | 0,286 | WN-- 0604 | TC046 M5 | -- | BSP020 | BK019 | BY041 | BSP031 | 3 Allen |
| K427-1 | ● | S20R MWLNR 06 | 25 | 20 | 200 | 50 | 13 | 18 | 0,502 | | | | | | | | |
| K428 | ● | S25S MWLNR 08 | 32 | 25 | 250 | 45 | 17 | 23 | 0,945 | WN-- 0804 | TC044 M6 | TA020 | BSP021 | BK026 | BY040 | BSP030 | 3 Allen |
| K430 | ● | S32T MWLNR 08 | 40 | 32 | 300 | 60 | 22 | 30 | 1,833 | | | | | | | | |
| K432 | ● | S40T MWLNR 08 | 50 | 40 | 300 | 60 | 27 | 38 | 2,841 | | | | | | | | |
| K434 | ● | S50U MWLNR 08 | 63 | 50 | 350 | 65 | 35 | 47 | 5,110 | | | | | | | | |

## 95° MWLNL



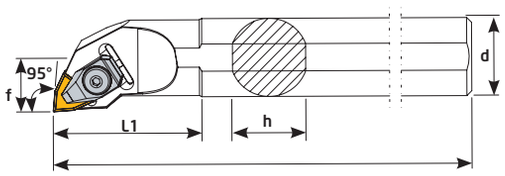



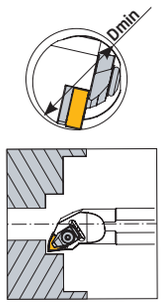




| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Uç *Insert WSP* | Baskı Civatası *Locking Screw Verriegelungs Schraube* | Altlık *Shim U-Platte* | Altlık Pimi *Lock Pin Rohrstift* | Baskı Kepi *Clamp Spann pratze* | Yay *Spring Feder* | Pul *Washer U-Scheibe* | Anahtar *Allen Key Inbuss-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dmin | d | L | L1 | f | h | kg | | | | | | | | |
| K510 | ● | S25S MWLNL 08 | 32 | 25 | 250 | 45 | 17 | 23 | 0,945 | WN-- 0804 | TC044 M6 | TA020 | BSP021 | BK026 | BY040 | BSP030 | 3 Allen |
| K512 | ● | S32T MWLNL 08 | 40 | 32 | 300 | 60 | 22 | 30 | 1,833 | | | | | | | | |
| K514 | ● | S40T MWLNL 08 | 50 | 40 | 300 | 60 | 27 | 38 | 2,841 | | | | | | | | |
| K516 | ● | S50U MWLNL 08 | 63 | 50 | 350 | 65 | 35 | 47 | 5,110 | | | | | | | | |

## 95° DWLNR



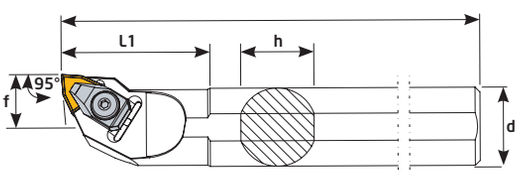


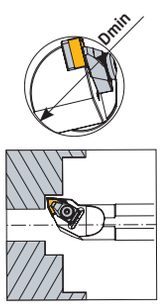




| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Uç *Insert WSP* | Baskı Civatası *Locking Screw Verriegelungs Schraube* | Altlık *Shim U-Platte* | Altlık Civatası *Shim Screw U-Platte Schraube* | Baskı Kepi *Clamp Spann pratze* | Yay *Spring Feder* | Pul *Washer U-Scheibe* | Anahtar *Allen Key Inbuss-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dmin | d | L | L1 | f | h | kg | | | | | | | | |
| K418 | ● | S25S DWLNR 06 | 32 | 25 | 250 | 50 | 17 | 23 | 0,955 | WN--0604 | TC046 M5 | TA021 | TC034 M3x7 | BK024 | BY041 | BSP031 | 3 Allen |
| K420 | ● | S25S DWLNR 08 | 32 | 25 | 250 | 50 | 17 | 23 | 0,966 | WN--0804 | TC044 M6 | TA020-1 | TC038 M4x10 | BK020 | BY040 | BSP030 | 3 Allen |
| K422 | ● | S32T DWLNR 08 | 40 | 32 | 300 | 60 | 22 | 30 | 1,837 | | | | | | | | |
| K424 | ● | S40T DWLNR 08 | 50 | 40 | 300 | 60 | 27 | 38 | 2,820 | | | | | | | | |
| K426 | ● | S50U DWLNR 08 | 63 | 50 | 350 | 75 | 35 | 47 | 5,123 | | | | | | | | |

## 95° DWLNL

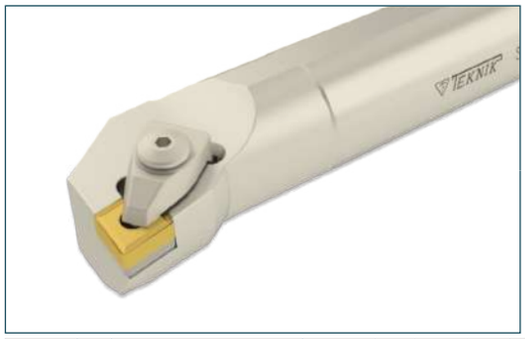


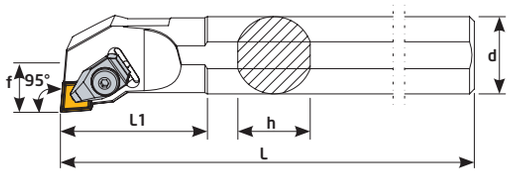


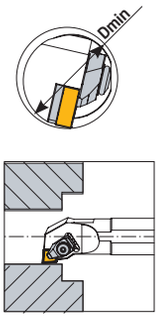




| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Uç *Insert WSP* | Baskı Civatası *Locking Screw Verriegelungs Schraube* | Altlık *Shim U-Platte* | Altlık Civatası *Shim Screw U-Platte Schraube* | Baskı Kepi *Clamp Spann pratze* | Yay *Spring Feder* | Pul *Washer U-Scheibe* | Anahtar *Allen Key Inbuss-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dmin | d | L | L1 | f | h | kg | | | | | | | | |
| K498 | ● | S25S DWLNL 06 | 32 | 25 | 250 | 50 | 17 | 23 | 0,955 | WN--0604 | TC046 M5 | TA021 | TC034 M3x7 | BK024 | BY041 | BSP031 | 3 Allen |
| K500 | ● | S25S DWLNL 08 | 32 | 25 | 250 | 50 | 17 | 23 | 0,966 | WN--0804 | TC044 M6 | TA020-1 | TC038 M4x10 | BK020 | BY040 | BSP030 | 3 Allen |
| K502 | ● | S32T DWLNL 08 | 40 | 32 | 300 | 60 | 22 | 30 | 1,837 | | | | | | | | |
| K504 | ● | S40T DWLNL 08 | 50 | 40 | 300 | 60 | 27 | 38 | 2,820 | | | | | | | | |
| K506 | ● | S50U DWLNL 08 | 63 | 50 | 350 | 75 | 35 | 47 | 5,123 | | | | | | | | |

## 95° DCLNR



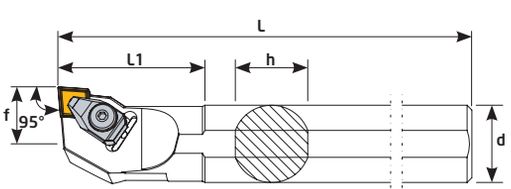


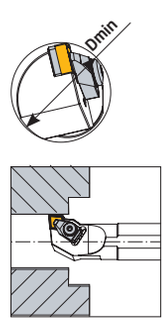




| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Uç *Insert WSP* | Baskı Civatası *Locking Screw Verriege-lungs Schraube* | Altlık *Shim U-Platte* | Altlık Civatası *Shim Screw U-Platte Schraube* | Baskı Kepi *Clamp Spann pratze* | Yay *Spring Feder* | Pul *Washer U-Schei-be* | Anahtar *Allen Key Inbuss-Schlüs-sel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dmin | d | L | L1 | f | h | kg | | | | | | | | |
| K400 | ● | S25S DCLNR 12 | 32 | 25 | 250 | 50 | 17 | 23 | 0,964 | CN--1204 | TC044 M6 | TA016-1 | TC038 M4x10 | BK020 | BY040 | BSP030 | 3 Allen |
| K402 | ● | S32T DCLNR 12 | 40 | 32 | 300 | 60 | 22 | 30 | 1,867 | | | | | | | | |
| K404 | ● | S40T DCLNR 12 | 50 | 40 | 300 | 60 | 27 | 38 | 2,845 | | | | | | | | |
| K406 | ● | S50U DCLNR 12 | 63 | 50 | 350 | 60 | 35 | 47 | 5,166 | | | | | | | | |
| K370 | ● | S32U DCLNR 16 | 40 | 32 | 350 | 60 | 22 | 30 | 2,272 | CN--1606 | | TA022 | TC095 M5x11,8 | BK018 | | | |
| K371 | ● | S40U DCLNR 16 | 50 | 40 | 350 | 60 | 27 | 38 | 3,550 | | | | | | | | |
| K374 | ● | S40U DCLNR 19 | 50 | 40 | 350 | 60 | 27 | 38 | 3,503 | CN--1906 | TC048 M8 | TA017 | TC039 M6x12 | BK025 | BY044 | BSP032 | |
| K375 | ● | S50V DCLNR 19 | 63 | 50 | 400 | 60 | 35 | 47 | 6,333 | | | | | | | | |

## 95° DCLNL



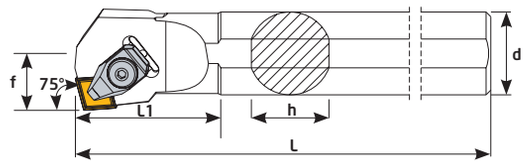


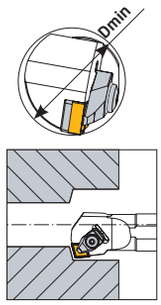




| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Uç *Insert WSP* | Baskı Civatası *Locking Screw Verriege-lungs Schraube* | Altlık *Shim U-Platte* | Altlık Ci-vatası *Shim Screw U-Platte Schraube* | Baskı Kepi *Clamp Spann pratze* | Yay *Spring Feder* | Pul *Washer U-Schei-be* | Anahtar *Allen Key In-buss-Schlüs-sel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dmin | d | L | L1 | f | h | kg | | | | | | | | |
| K480 | ● | S25S DCLNL 12 | 32 | 25 | 250 | 50 | 17 | 23 | 0,964 | CN--1204 | TC044 M6 | TA016-1 | TC038 M4x10 | BK020 | BY040 | BSP030 | 3 Allen |
| K482 | ● | S32T DCLNL 12 | 40 | 32 | 300 | 60 | 22 | 30 | 1,867 | | | | | | | | |
| K484 | ● | S40T DCLNL 12 | 50 | 40 | 300 | 60 | 27 | 38 | 2,845 | | | | | | | | |
| K486 | ● | S50U DCLNL 12 | 63 | 50 | 350 | 60 | 35 | 47 | 5,166 | | | | | | | | |

## 75° DCKNR



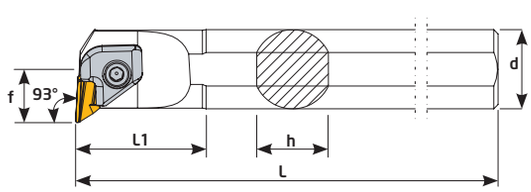


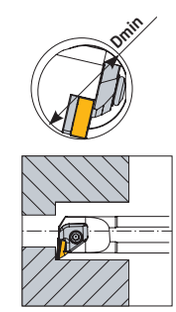




| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Uç *Insert WSP* | Baskı Civatası *Locking Screw Verriege-lungs Schraube* | Altlık *Shim U-Platte* | Altlık Civatası *Shim Screw U-Platte Schraube* | Baskı Kepi *Clamp Spann pratze* | Yay *Spring Feder* | Pul *Washer U-Schei-be* | Anahtar *Allen Key In-buss-Schlüs-sel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dmin | d | L | L1 | f | h | kg | | | | | | | | |
| K401 | ● | S25S DCKNR 12 | 32 | 25 | 250 | 55 | 17 | 23 | 0,955 | CN--1204 | TC044 M6 | TA016-1 | TC038 M4x10 | BK020 | BY040 | BSP030 | 3 Allen |
| K403 | ● | S32T DCKNR 12 | 40 | 32 | 300 | 60 | 22 | 30 | 0,966 | | | | | | | | |
| K405 | ● | S40T DCKNR 12 | 50 | 40 | 300 | 65 | 27 | 38 | 1,837 | | | | | | | | |

## 93° CKUNR






| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Uç *Insert WSP* | Baskı Ci-vatası *Locking Screw Verriegelungs Schraube* | Altlık *Shim U-Platte* | Altlık Civatası *Shim Screw U-Platte Schraube* | Baskı Kepi *Clamp Spann pratze* | Yay *Spring Feder* | Pul *Washer U-Scheibe* | Anahtar *Allen Key Inbuss-Schlüs-sel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dmin | d | L | L1 | f | h | kg | | | | | | | | |
| RK750 | ● | S25T CKUNR 16 | 32 | 25 | 300 | 52 | 19 | 23 | 1,400 | KNUX 1604 | TC044 M6 | TA048 | TC036 M3x10 | BK030 | BY042 | BSP030 | 3 Allen |
| RK754 | ● | S32U CKUNR 16 | 40 | 32 | 350 | 52 | 21 | 30 | 2,264 | | | | | | | | |
| RK756 | ● | S40V CKUNR 16 | 50 | 40 | 400 | 55 | 27 | 38 | 3,999 | | | | | | | | |
| RK760 | ● | S50W CKUNR 16 | 63 | 50 | 450 | 60 | 35 | 47 | 0,408 | | | | | | | | |

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TEKNİK
Cutting Tools

# A-S Sistem İç Çap Kater
# A-S System Boring Bars
# A-S System Bohrstange

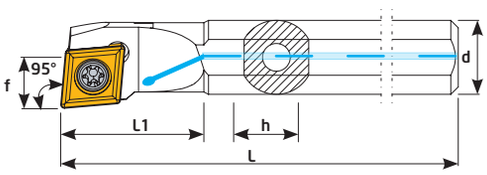



**Technical Solution for Quality**

## 95° SCLCR IC

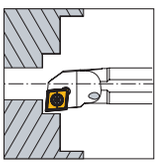


## İçten Soğutmalı İç Çap Kater
*Boring Bars With Coolant*





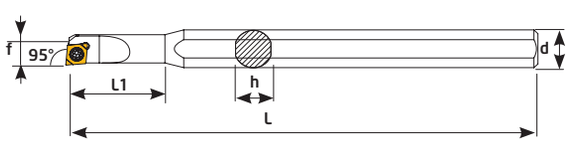




| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* Dmin | d | L | L1 | f | h | kg | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| KA102 | ● | A08H SCLCR 06 | 10 | 8 | 100 | 16 | 5,5 | 7 | 0,050 | CC-- 0602 | TC060 M2,5x5,5 | T8 |
| KA104 | ● | A10J SCLCR 06 | 12 | 10 | 110 | 20 | 6 | 9 | 0,074 | | | |
| KA106 | ● | A12K SCLCR 06 | 16 | 12 | 125 | 25 | 9 | 11 | 0,113 | | | |
| KA108 | ● | A14-16Q SCLCR 09 | 18 | 16 | 180 | 45 | 9,5 | 15 | 0,267 | CC-- 09T3 | TC067 M3,5x8,5 | T15 |
| KA110 | ● | A16Q SCLCR 09 | 20 | 16 | 180 | 30 | 11 | 15 | 0,260 | | | |
| KA111 | ● | A16M SCLCR 09 | 20 | 16 | 150 | 30 | 11 | 15 | 0,227 | | | |
| KA114 | ● | A20Q SCLCR 09 | 25 | 20 | 180 | 40 | 13 | 18 | 0,422 | | | |
| KA116 | ● | A25R SCLCR 09 | 32 | 25 | 200 | 40 | 17 | 23 | 0,734 | | | |

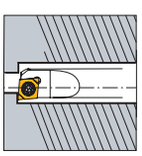
## 95° SCLCR







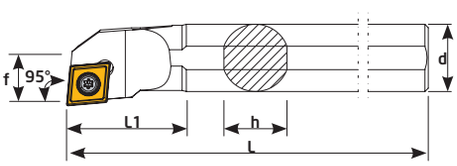




| | | | Dmin | d | L | L1 | f | h | kg | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| K097 | ● | S05-08H SCLCR 03 | 5 | 8 | 100 | 15 | 2,5 | 7,3 | 0,046 | CC-- 0301 | TC057 M1,6 | T6 |
| K098 | ● | S06-08H SCLCR 03 | 6 | 8 | 100 | 18 | 3 | 7,3 | 0,048 | | | |
| K099 | ● | S07-08H SCLCR 04 | 7 | 8 | 100 | 21 | 3,5 | 7,3 | 0,050 | CC-- 0401 | TC058 M2x4,2 | |

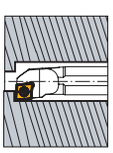
## 95° SCLCR









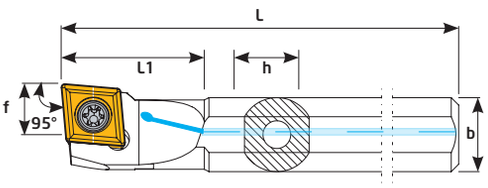


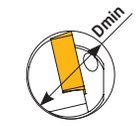
| | | | Dmin | d | L | L1 | f | h | kg | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| K100 | ● | S06-08 HSCLCR 06 | 9 | 8 | 100 | 25 | 4,3 | 7,3 | 0,052 | CC-- 0602 | TC059-1 M2,5 x4,7 | T8 |
| K102 | ● | S08H SCLCR 06 | 10 | 8 | 100 | 16 | 5,5 | 7,3 | 0,053 | | | |
| K104 | ● | S10J SCLCR 06 | 12 | 10 | 110 | 20 | 6 | 9 | 0,080 | | TC060 M2,5x5,5 | |
| K105 | ● | S10K SCLCR 06 | 12 | 10 | 125 | 20 | 6 | 9 | 0,085 | | | |
| K106 | ● | S12K SCLCR 06 | 16 | 12 | 125 | 25 | 9 | 11 | 0,120 | | | |
| K107 | ● | S12Q SCLCR 06 | 16 | 12 | 180 | 25 | 9 | 11 | 0,170 | | | |
| K107-1 | ● | S12K SCLCR 09 | 16 | 12 | 125 | 24 | 9 | 11 | 0,271 | CC--09T3 | TC067 M3,5x8,5 | T15 |
| K108 | ● | S14-16Q SCLCR 09 | 18 | 16 | 180 | 45 | 9,5 | 15 | 0,285 | | | |
| K110 | ● | S16Q SCLCR 09 | 20 | 16 | 180 | 30 | 11 | 15 | 0,317 | | | |
| K111 | ● | S16R SCLCR 09 | 20 | 16 | 200 | 30 | 11 | 15 | 0,329 | | | |
| K112 | ● | S18-20Q SCLCR 09 | 21 | 20 | 180 | 38 | 11 | 18 | 0,436 | | | |
| K114 | ● | S20Q SCLCR 09 | 25 | 20 | 180 | 40 | 11 | 18 | 0,612 | | | |
| K115 | ● | S20S SCLCR 09 | 25 | 20 | 250 | 40 | 13 | 18 | 0,780 | | | |
| K116 | ● | S25R SCLCR 09 | 32 | 25 | 200 | 40 | 17 | 23 | 0,694 | | | |
| K117 | ● | S25T SCLCR 09 | 32 | 25 | 300 | 40 | 17 | 23 | 1,165 | | | |
| K116-1 | ● | S25S SCLCR 12 | 32 | 25 | 250 | 45 | 17 | 23 | 0,965 | CC--1204 | TC083 M5x12 | T20 |

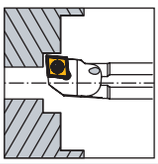
## 95° SCLCL IC




## İçten Soğutmalı İç Çap Kater
***Boring Bars With Coolant***



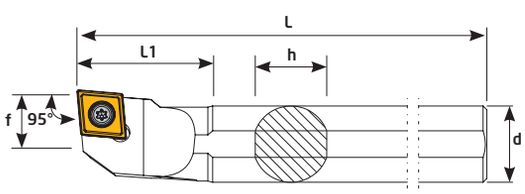



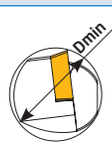



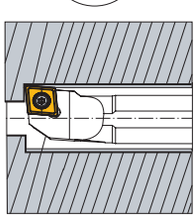
| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dmin | d | L | L1 | f | h | (kg) |  |  |  |
| KA232 | ● | A08H SCLCL 06 | 10 | 8 | 100 | 16 | 5,5 | 7 | 0,050 | CC-- 0602 | TC060 M2,5x5,5 | T8 |
| KA234 | ● | A10J SCLCL 06 | 12 | 10 | 110 | 20 | 6 | 9 | 0,074 | | | |
| KA236 | ● | A12K SCLCL 06 | 16 | 12 | 125 | 25 | 9 | 11 | 0,113 | | | |
| KA238 | ● | A14-16Q SCLCL 09 | 18 | 16 | 180 | 45 | 9,5 | 15 | 0,268 | CC-- 09T3 | TC067 M3,5x8,5 | T15 |
| KA239 | ● | A16M SCLCL 09 | 20 | 16 | 150 | 30 | 11 | 15 | 0,227 | | | |
| KA240 | ● | A16Q SCLCL 09 | 20 | 16 | 180 | 30 | 11 | 15 | 0,260 | | | |
| KA244 | ● | A20Q SCLCL 09 | 25 | 20 | 180 | 40 | 13 | 18 | 0,422 | | | |
| KA246 | ● | A25R SCLCL 09 | 32 | 25 | 200 | 40 | 17 | 23 | 0,734 | | | |

## 95° SCLCL



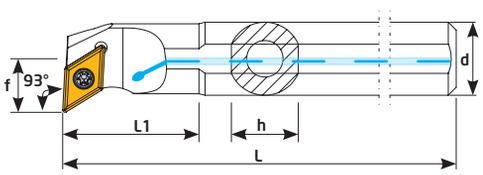
| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dmin | d | L | L1 | f | h | (kg) |  |  |  |
| K230 | ● | S06-08H SCLCL 06 | 9 | 8 | 100 | 25 | 4,3 | 7,3 | 0,052 | CC-- 0602 | TC060 M2,5x5,5 | T8 |
| K232 | ● | S08H SCLCL 06 | 10 | 8 | 100 | 16 | 5,5 | 7,3 | 0,053 | | | |
| K234 | ● | S10J SCLCL 06 | 12 | 10 | 110 | 20 | 6 | 9 | 0,080 | | | |
| K236 | ● | S12K SCLCL 06 | 16 | 12 | 125 | 25 | 9 | 11 | 0,120 | | | |
| K238 | ● | S14-16Q SCLCL 09 | 18 | 16 | 180 | 45 | 9,5 | 15 | 0,271 | CC--09T3 | TC067 M3,5x8,5 | T15 |
| K240 | ● | S16Q SCLCL 09 | 20 | 16 | 180 | 30 | 11 | 15 | 0,285 | | | |
| K241 | ● | S16R SCLCL 09 | 20 | 16 | 200 | 30 | 11 | 15 | 0,317 | | | |
| K244 | ● | S20Q SCLCL 09 | 25 | 20 | 180 | 40 | 13 | 18 | 0,436 | | | |
| K245 | ● | S20S SCLCL 09 | 25 | 20 | 250 | 40 | 13 | 18 | 0,612 | | | |
| K246 | ● | S25R SCLCL 09 | 32 | 25 | 200 | 40 | 17 | 23 | 0,780 | | | |

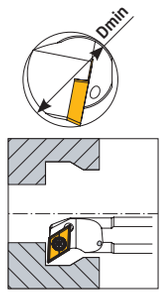
● *Stokta/ In Stock / Lager* ○ *Sınırlı Stok / Limited Stock / Begrenzte Lagerhaltung*

## 93° SDUCR IC




### İçten Soğutmalı İç Çap Kater
*Boring Bars With Coolant*

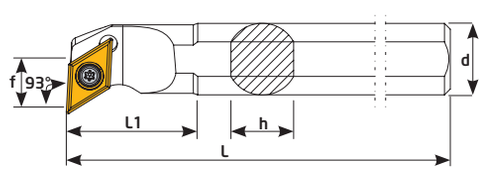


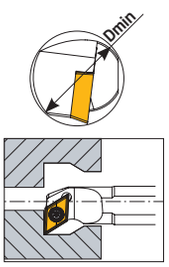




| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dmin | d | L | L1 | f | h | kg | | | |
| KA120 | ● | A10J SDUCR 07 | 12 | 10 | 110 | 20 | 7 | 9 | 0,080 | DC--0702 | TC060 M2,5x5,5 | T8 |
| KA122 | ● | A12K SDUCR 07 | 16 | 12 | 125 | 25 | 9 | 11 | 0,120 | | | |
| KA124 | ● | A14-16Q SDUCR 07 | 18 | 16 | 180 | 40 | 10,5 | 15 | 0,267 | | | |
| KA126 | ● | A16Q SDUCR 07 | 20 | 16 | 180 | 30 | 11 | 15 | 0,263 | | | |
| KA127 | ● | A16M SDUCR 07 | 20 | 16 | 150 | 30 | 11 | 15 | 0,250 | | | |
| KA128 | ● | A16Q SDUCR 11 | 20 | 16 | 180 | 30 | 11 | 15 | 0,285 | DC--11T3 | TC067 M3,5x8,5 | T15 |
| KA129 | ● | A16M SDUCR 11 | 20 | 16 | 150 | 30 | 11 | 15 | 0,246 | | | |
| KA130 | ● | A20Q SDUCR 11 | 25 | 20 | 180 | 32 | 13 | 18 | 0,432 | | | |
| KA132 | ● | A25R SDUCR 11 | 32 | 25 | 200 | 40 | 17 | 23 | 0,746 | | | |
| KA134 | ● | A32T SDUCR 11 | 40 | 32 | 300 | 45 | 22 | 30 | 1,924 | | | |

## 93° SDUCR



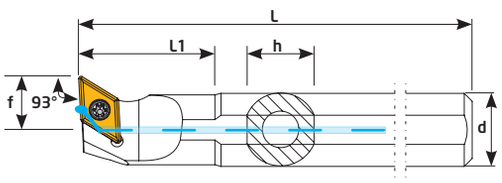



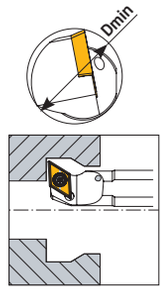

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dmin | d | L | L1 | f | h | kg | | | |
| K120 | ● | S10J SDUCR 07 | 12 | 10 | 110 | 20 | 7 | 9 | 0,080 | DC-- 0702 | TC060 M2,5x5,5 | T8 |
| K122 | ● | S12K SDUCR 07 | 16 | 12 | 125 | 25 | 9 | 11 | 0,120 | | | |
| K123 | ● | S12Q SDUCR 07 | 16 | 12 | 180 | 25 | 9 | 11 | 0,170 | | | |
| K124 | ● | S14-16Q SDUCR 07 | 18 | 16 | 180 | 40 | 11 | 15 | 0,266 | | | |
| K126 | ● | S16Q SDUCR 07 | 20 | 16 | 180 | 30 | 11 | 15 | 0,292 | | | |
| K125 | ● | S14-16Q SDUCR 11 | 18 | 16 | 180 | 45 | 11 | 15 | 0,272 | DC--11T3 | TC067 M3,5x8,5 | T15 |
| K128 | ● | S16Q SDUCR 11 | 20 | 16 | 180 | 30 | 11 | 15 | 0,285 | | | |
| K129 | ● | S16M SDUCR 11 | 20 | 16 | 150 | 30 | 11 | 15 | 0,246 | | | |
| K130 | ● | S20Q SDUCR 11 | 25 | 20 | 180 | 32 | 13 | 18 | 0,435 | | | |
| K132 | ● | S25R SDUCR 11 | 32 | 25 | 200 | 40 | 17 | 23 | 0,748 | | | |
| K134 | ● | S32T SDUCR 11 | 40 | 32 | 300 | 45 | 22 | 30 | 1,833 | | | |

## 93° SDUCL IC




## İçten Soğutmalı İç Çap Kater
*Boring Bars With Coolant*

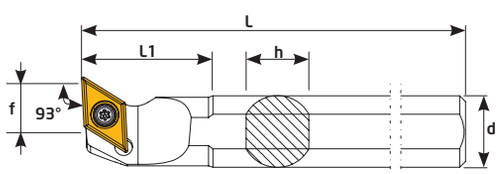


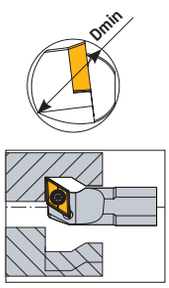




| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dmin | d | L | L1 | f | h | Kg | | | |
| KA250 | ● | A10J SDUCL 07 | 12 | 10 | 110 | 20 | 7 | 9 | 0,080 | DC--0702 | TC060 M2,5x5,5 | T8 |
| KA252 | ● | A12K SDUCL 07 | 16 | 12 | 125 | 25 | 9 | 11 | 0,120 | | | |
| KA254 | ● | A14-16Q SDUCL 07 | 18 | 16 | 180 | 40 | 10,5 | 15 | 0,267 | | | |
| KA256 | ● | A16Q SDUCL 07 | 20 | 16 | 180 | 30 | 11 | 15 | 0,263 | | | |
| KA258 | ● | A16Q SDUCL 11 | 20 | 16 | 180 | 30 | 11 | 15 | 0,285 | DC--11T3 | TC067 M3,5x8,5 | T15 |
| KA259 | ● | A16M SDUCL 11 | 20 | 16 | 150 | 30 | 11 | 15 | 0,246 | | | |
| KA260 | ● | A20Q SDUCL 11 | 25 | 20 | 180 | 32 | 13 | 18 | 0,432 | | | |
| KA262 | ● | A25R SDUCL 11 | 32 | 25 | 200 | 40 | 17 | 23 | 0,746 | | | |
| KA263 | ● | A32T SDUCL 11 | 40 | 32 | 300 | 45 | 22 | 30 | 1,924 | | | |

## 93° SDUCL



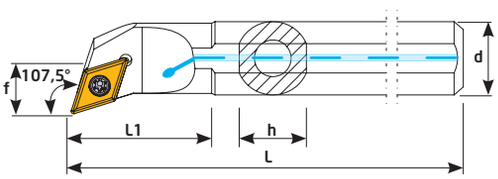

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dmin | d | L | L1 | f | h | Kg | | | |
| K250 | ● | S10J SDUCL 07 | 12 | 10 | 110 | 20 | 7 | 9 | 0,080 | DC-- 0702 | TC060 M2,5x5,5 | T8 |
| K252 | ● | S12K SDUCL 07 | 16 | 12 | 125 | 25 | 9 | 11 | 0,120 | | | |
| K254 | ● | S14-16Q SDUCL 07 | 18 | 16 | 180 | 40 | 10,5 | 15 | 0,266 | | | |
| K256 | ● | S16Q SDUCL 07 | 20 | 16 | 180 | 30 | 11 | 15 | 0,292 | | | |
| K258 | ● | S16Q SDUCL 11 | 20 | 16 | 180 | 30 | 11 | 15 | 0,285 | DC--11T3 | TC067 M3,5x8,5 | T15 |
| K259 | ● | S16M SDUCL 11 | 20 | 16 | 150 | 30 | 11 | 15 | 0,246 | | | |
| K260 | ● | S20Q SDUCL 11 | 25 | 20 | 180 | 32 | 13 | 18 | 0,435 | | | |
| K262 | ● | S25R SDUCL 11 | 32 | 25 | 200 | 40 | 17 | 23 | 0,748 | | | |
| K263 | ● | S32T SDUCL 11 | 40 | 32 | 300 | 45 | 22 | 30 | 1,833 | | | |

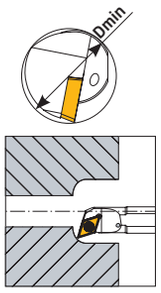
● *Stokta/ In Stock / Lager* ○ *Sınırlı Stok / Limited Stock / Begrenzte Lagerhaltung*

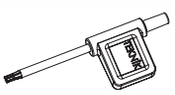
## 107,5° SDQCR IC

### İçten Soğutmalı İç Çap Kater
*Boring Bars With Coolant*



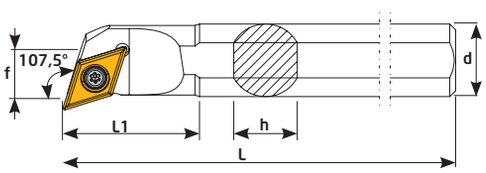


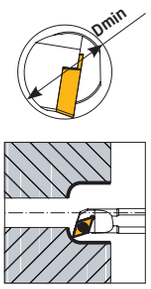



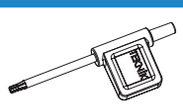

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dmin | d | L | L1 | f | h | kg |  |  |  |
| KA140 | ● | A10J SDQCR 07 | 12 | 10 | 110 | 20 | 7 | 9 | 0,074 | DC--0702 | TC060 M2,5x5,5 | T8 |
| KA142 | ● | A12K SDQCR 07 | 16 | 12 | 125 | 25 | 9 | 11 | 0,110 | | | |
| KA143 | ● | A16M SDQCR 07 | 20 | 16 | 150 | 30 | 11 | 15 | 0,232 | | | |
| KA144 | ● | A16Q SDQCR 07 | 20 | 16 | 180 | 30 | 11 | 15 | 0,282 | | | |
| KA146 | ● | A16Q SDQCR 11 | 20 | 16 | 180 | 30 | 11 | 15 | 0,275 | DC--11T3 | TC067 M3,5x8,5 | T15 |
| KA148 | ● | A20Q SDQCR 11 | 25 | 20 | 180 | 32 | 13 | 18 | 0,425 | | | |
| KA150 | ● | A25R SDQCR 11 | 32 | 25 | 200 | 40 | 17 | 23 | 0,738 | | | |

## 107,5° SDQCR





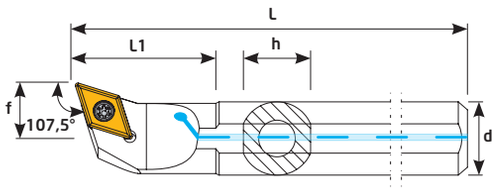



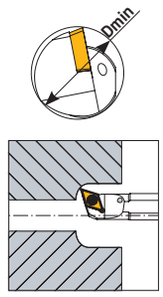

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dmin | d | L | L1 | f | h | kg |  |  |  |
| K140 | ● | S10J SDQCR 07 | 12 | 10 | 110 | 20 | 7 | 9 | 0,080 | DC-- 0702 | TC060 M2,5x5,5 | T8 |
| K142 | ● | S12K SDQCR 07 | 16 | 12 | 125 | 25 | 9 | 11 | 0,120 | | | |
| K144 | ● | S16Q SDQCR 07 | 20 | 16 | 180 | 30 | 11 | 15 | 0,292 | | | |
| K146 | ● | S16Q SDQCR 11 | 20 | 16 | 180 | 30 | 11 | 15 | 0,285 | DC--11T3 | TC067 M3,5x8,5 | T15 |
| K148 | ● | S20Q SDQCR 11 | 25 | 20 | 180 | 32 | 13 | 18 | 0,435 | | | |
| K150 | ● | S25R SDQCR 11 | 32 | 25 | 200 | 40 | 17 | 23 | 0,748 | | | |
| K152 | ● | S32T SDQCR 11 | 40 | 32 | 300 | 50 | 22 | 30 | 1,833 | | | |
| K154 | ● | S40T SDQCR 11 | 50 | 40 | 300 | 50 | 27 | 38 | 0,268 | | | |

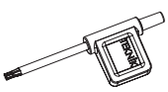
## 107,5° SDQCL IC

## İçten Soğutmalı İç Çap Kater
*Boring Bars With Coolant*



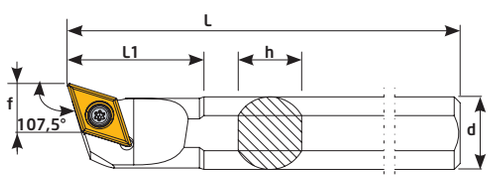



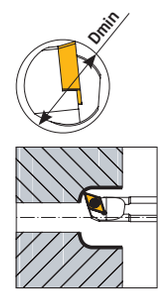



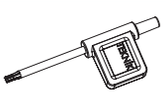

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dmin | d | L | L1 | f | h | kg |  |  |  |
| KA270 | ● | A10J SDQCL 07 | 12 | 10 | 110 | 20 | 7 | 9 | 0,074 | DC--0702 | TC060 M2,5x5,5 | T8 |
| KA272 | ● | A12K SDQCL 07 | 16 | 12 | 125 | 25 | 9 | 11 | 0,110 | | | |
| KA273 | ● | A16M SDQCL 07 | 20 | 16 | 150 | 30 | 11 | 15 | 0,232 | | | |
| KA274 | ● | A16Q SDQCL 07 | 20 | 16 | 180 | 30 | 11 | 15 | 0,282 | | | |
| KA276 | ● | A16Q SDQCL 11 | 20 | 16 | 180 | 30 | 11 | 15 | 0,275 | DC--11T3 | TC067 M3,5x8,5 | T15 |
| KA278 | ● | A20Q SDQCL 11 | 25 | 20 | 180 | 32 | 13 | 18 | 0,425 | | | |
| KA280 | ● | A25R SDQCL 11 | 32 | 25 | 200 | 40 | 17 | 23 | 0,738 | | | |

## 107,5° SDQCL



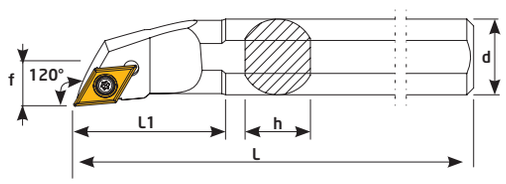



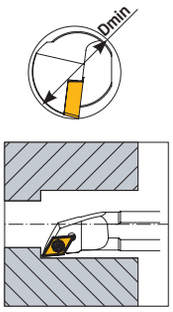

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dmin | d | L | L1 | f | h | kg |  |  |  |
| K270 | ● | S10J SDQCL 07 | 12 | 10 | 110 | 20 | 7 | 9 | 0,080 | DC-- 0702 | TC060 M2,5x5,5 | T8 |
| K272 | ● | S12K SDQCL 07 | 16 | 12 | 125 | 25 | 9 | 11 | 0,120 | | | |
| K274 | ● | S16Q SDQCL 07 | 20 | 16 | 180 | 30 | 11 | 15 | 0,292 | | | |
| K276 | ● | S16Q SDQCL 11 | 20 | 16 | 180 | 30 | 11 | 15 | 0,285 | DC--11T3 | TC067 M3,5x8,5 | T15 |
| K278 | ● | S20Q SDQCL 11 | 25 | 20 | 180 | 32 | 13 | 18 | 0,435 | | | |
| K280 | ● | S25R SDQCL 11 | 32 | 25 | 200 | 40 | 17 | 23 | 0,748 | | | |
| K281 | ● | S32T SDQCL 11 | 40 | 32 | 300 | 50 | 22 | 30 | 1,833 | | | |

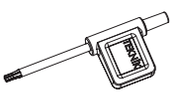
● *Stokta/ In Stock / Lager* ○ *Sınırlı Stok / Limited Stock / Begrenzte Lagerhaltung*

## 120° SDXCR



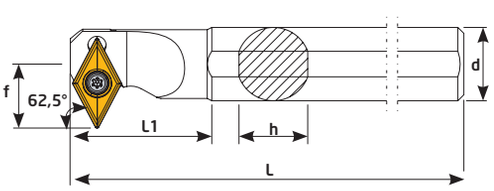


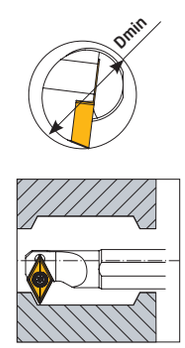




| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dmin | d | L | L1 | f | h | kg |  |  |  |
| K469 | ● | S10J SDXCR 07 | 12 | 10 | 110 | 25 | 5,5 | 9 | 0,080 | DC-- 0702 | TC060 M2,5x5,5 | T8 |
| K470 | ● | S12K SDXCR 07 | 16 | 12 | 125 | 30 | 9 | 11 | 0,120 | | | |
| K471 | ● | S16Q SDXCR 11 | 20 | 16 | 180 | 40 | 11 | 15 | 0,285 | DC--11T3 | TC067 M3,5x8,5 | T15 |
| K472 | ● | S20Q SDXCR 11 | 25 | 20 | 180 | 40 | 13 | 18 | 0,435 | | | |
| K473 | ● | S25R SDXCR 11 | 32 | 25 | 200 | 50 | 13,5 | 23 | 0,748 | | | |
| K474 | ● | S32T SDXCR 11 | 40 | 32 | 300 | 55 | 17 | 30 | 1,833 | | | |
| K475 | ● | S40T SDXCR 11 | 50 | 40 | 300 | 55 | 21 | 38 | 0,268 | | | |

## 62,5° SD-CR



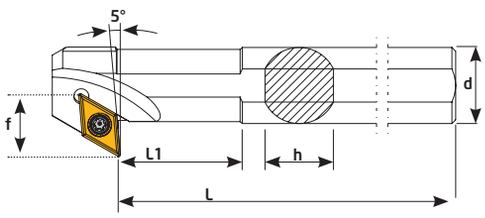


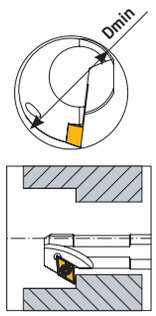



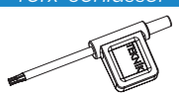

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dmin | d | L | L1 | f | h | kg |  |  |  |
| K168 | ● | S10J SD-CR 07 | 14 | 10 | 110 | 25 | 8,2 | 9 | 0,082 | DC-- 0702 | TC060 M2,5x5,5 | T8 |
| K170 | ● | S12K SD-CR 07 | 16 | 12 | 125 | 25 | 9 | 11 | 0,122 | | | |
| K173 | ● | S16Q SD-CR 07 | 20 | 16 | 180 | 35 | 12 | 15 | 0,280 | | | |
| K172 | ● | S16Q SD-CR 11 | 23 | 16 | 180 | 32 | 14 | 15 | 0,288 | DC--11T3 | TC067 M3,5x8,5 | T15 |
| K174 | ● | S20Q SD-CR 11 | 25 | 20 | 180 | 35 | 15 | 18 | 0,443 | | | |
| K176 | ● | S25R SD-CR 11 | 32 | 25 | 200 | 45 | 17 | 23 | 0,771 | | | |
| K178 | ● | S32T SD-CR 11 | 40 | 32 | 300 | 55 | 23 | 30 | 1,865 | | | |

## 5° SDZCR



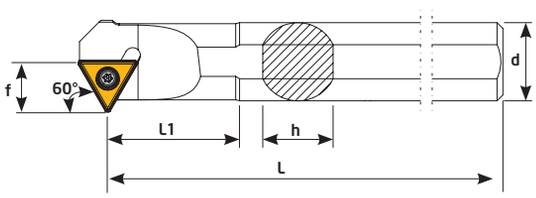


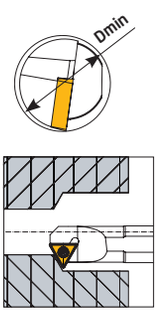




| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dmin | d | L | L1 | f | h | kg |  |  |  |
| K190 | ● | S12K SDZCR 07 | 18 | 12 | 125 | 20 | 11 | 11 | 0,128 | DC-- 0702 | TC060 M2,5x5,5 | T8 |
| K192 | ● | S16Q SDZCR 11 | 23 | 16 | 180 | 25 | 14 | 15 | 0,302 | DC--11T3 | TC067 M3,5x8,5 | T15 |
| K194 | ● | S20Q SDZCR 11 | 30 | 20 | 180 | 32 | 19 | 18 | 0,498 | | | |
| K196 | ● | S25R SDZCR 11 | 35 | 25 | 200 | 32 | 22 | 23 | 0,816 | | | |

## 60° ST-CR





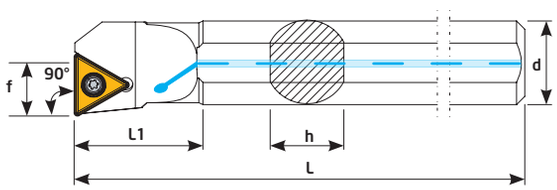



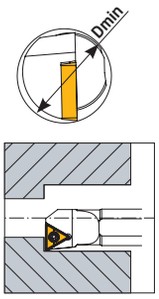

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dmin | d | L | L1 | f | h | kg |  |  |  |
| K180 | ● | S16Q ST-CR 16 | 20 | 16 | 180 | 40 | 11 | 15 | 0,817 | TC--16T3 | TC067 M3,5x8,5 | T15 |
| K182 | ● | S20Q ST-CR 16 | 25 | 20 | 180 | 40 | 13 | 18 | 0,432 | | | |
| K183 | ● | S25R ST-CR 16 | 32 | 25 | 200 | 50 | 17 | 23 | 0,772 | | | |
| K183-1 | ● | S32T ST-CR 16 | 30 | 32 | 300 | 60 | 22 | 30 | 1,961 | | | |

## 90° STFCR IC

### İçten Soğutmalı İç Çap Kater
*Boring Bars With Coolant*



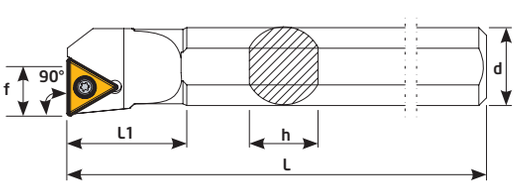


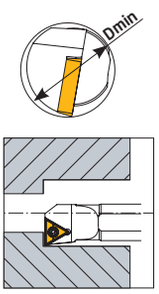




| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dmin | d | L | L1 | f | h | kg | | | |
| KA160 | ● | A12K STFCR 11 | 16 | 12 | 125 | 25 | 9 | 11 | 0,053 | TCMT 1102 | TC060 M2,5x5,5 | T8 |
| KA161 | ● | A16Q STFCR 11 | 20 | 16 | 180 | 30 | 11 | 15 | 0,289 | | | |
| KA162 | ● | A16Q STFCR 16 | 20 | 16 | 180 | 30 | 11 | 15 | 0,287 | TCMT 16T3 | TC067 M3,5x8,5 | T15 |
| KA164 | ● | A20Q STFCR 16 | 25 | 20 | 180 | 32 | 13 | 18 | 0,440 | | | |
| KA166 | ● | A25R STFCR 16 | 32 | 25 | 200 | 40 | 16 | 23 | 0,754 | | | |

## 90° STFCR



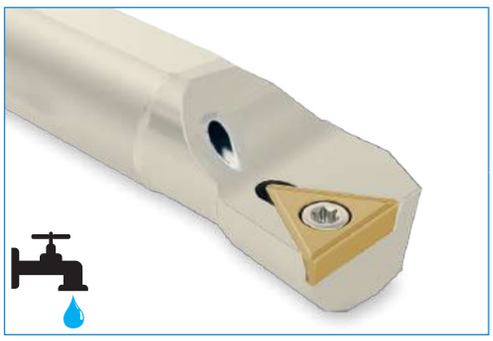


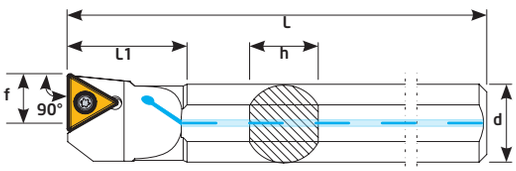



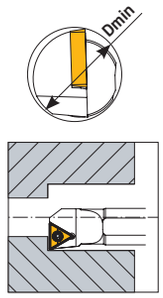

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dmin | d | L | L1 | f | h | kg | | | |
| K160 | ● | S12K STFCR 11 | 16 | 12 | 125 | 25 | 9 | 11 | 0,118 | TCMT 1102 | TC060 M2,5x5,5 | T8 |
| K161 | ● | S16Q STFCR 11 | 20 | 16 | 180 | 30 | 11 | 15 | 0,290 | | | |
| K162 | ● | S16Q STFCR 16 | 20 | 16 | 180 | 30 | 11 | 15 | 0,287 | TCMT 16T3 | TC067 M3,5x8,5 | T15 |
| K164 | ● | S20Q STFCR 16 | 25 | 20 | 180 | 32 | 13 | 18 | 0,440 | | | |
| K166 | ● | S25R STFCR 16 | 32 | 25 | 200 | 40 | 16 | 23 | 0,773 | | | |

## 90° STFCL IC

## İçten Soğutmalı İç Çap Kater
*Boring Bars With Coolant*



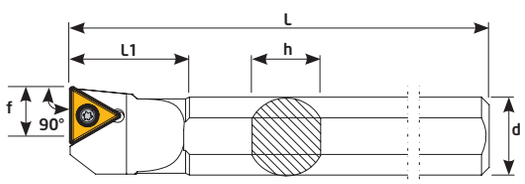


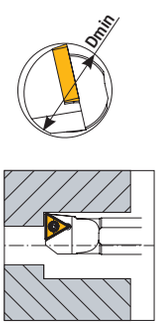




| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dmin | d | L | L1 | f | h | kg | | | |
| KA184 | ● | A12K STFCL 11 | 16 | 12 | 125 | 25 | 9 | 11 | 0,053 | TCMT 1102 | TC060 M2,5x5,5 | T8 |
| KA185 | ● | A16Q STFCL 11 | 20 | 16 | 180 | 30 | 11 | 15 | 0,289 | | | |
| KA186 | ● | A16Q STFCL 16 | 20 | 16 | 180 | 30 | 11 | 15 | 0,287 | TCMT 16T3 | TC067 M3,5x8,5 | T15 |
| KA187 | ● | A20Q STFCL 16 | 25 | 20 | 180 | 32 | 13 | 18 | 0,440 | | | |
| KA188 | ● | A25R STFCL 16 | 32 | 25 | 200 | 40 | 16 | 23 | 0,754 | | | |

## 90° STFCL





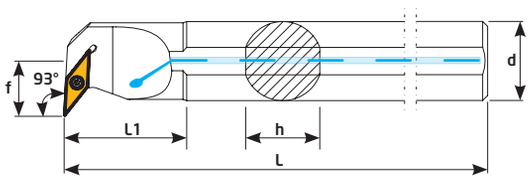

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dmin | d | L | L1 | f | h | kg | | | |
| K184 | ● | S12K STFCL 11 | 16 | 12 | 125 | 25 | 9 | 11 | 0,118 | TCMT 1102 | TC060 M2,5x5,5 | T8 |
| K185 | ● | S16Q STFCL 11 | 20 | 16 | 180 | 30 | 11 | 15 | 0,290 | | | |
| K186 | ● | S16Q STFCL 16 | 20 | 16 | 180 | 30 | 11 | 15 | 0,287 | TCMT 16T3 | TC067 M3,5x8,5 | T15 |
| K187 | ● | S20Q STFCL 16 | 25 | 20 | 180 | 32 | 13 | 18 | 0,440 | | | |
| K188 | ● | S25R STFCL 16 | 32 | 25 | 200 | 40 | 16 | 23 | 0,773 | | | |

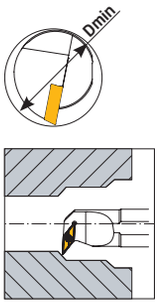
● *Stokta/ In Stock / Lager* ○ *Sınırlı Stok / Limited Stock / Begrenzte Lagerhaltung*

## 93° SVUBR IC

### İçten Soğutmalı İç Çap Kater
*Boring Bars With Coolant*



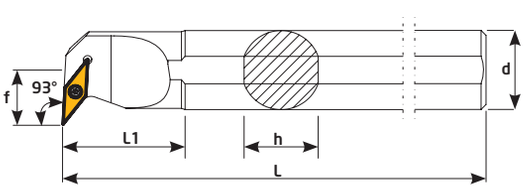


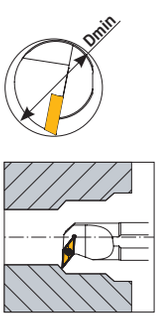




| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dmin | d | L | L1 | f | h | kg | | | |
| KA208 | ● | A25R SVUBR 16 | 32 | 25 | 200 | 40 | 17 | 23 | 0,723 | VBMT 1604 | TC074 M4x10 | T15 |
| KA209 | ● | A32T SVUBR 16 | 40 | 32 | 300 | 50 | 22 | 30 | 1,909 | | | |

## 93° SVUBR





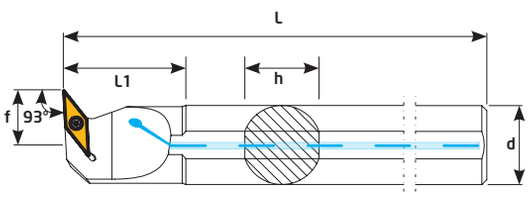



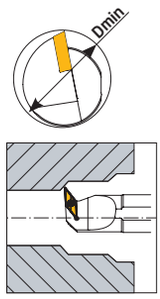

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dmin | d | L | L1 | f | h | kg | | | |
| K206 | ● | S16Q SVUBR 11 | 20 | 16 | 180 | 30 | 11 | 15 | 0,278 | VBMT 1103 | TC061 M2,5x6,5 | T8 |
| K207 | ● | S20Q SVUBR 11 | 25 | 20 | 180 | 32 | 13 | 18 | 0,700 | | | |
| K208 | ● | S25R SVUBR 16 | 32 | 25 | 200 | 40 | 17 | 23 | 0,730 | VBMT 1604 | TC074 M4x10 | T15 |
| K209 | ● | S32T SVUBR 16 | 40 | 32 | 300 | 50 | 22 | 30 | 1,822 | | | |
| K210 | ● | S40T SVUBR 16 | 50 | 40 | 300 | 50 | 27 | 38 | 2,836 | | | |

## 93° SVUBL IC

### İçten Soğutmalı İç Çap Kater
*Boring Bars With Coolant*

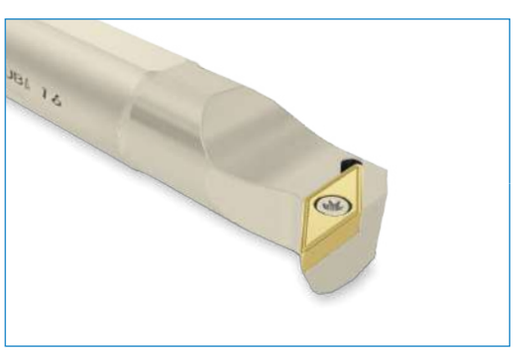


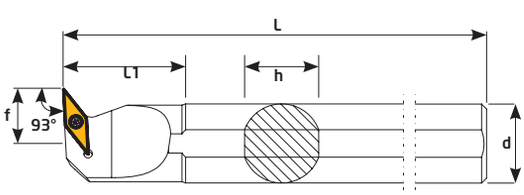



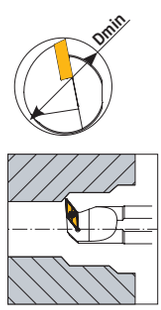




| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dmin | d | L | L1 | f | h | kg | | | |
| KA286 | ● | A25R SVUBL 16 | 32 | 25 | 200 | 40 | 17 | 23 | 0,723 | VBMT 1604 | TC074 M4x10 | T15 |
| KA288 | ● | A32T SVUBL 16 | 40 | 32 | 300 | 50 | 22 | 30 | 1,909 | | | |

## 93° SVUBL





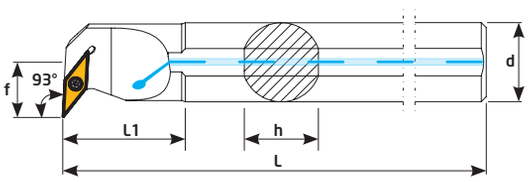



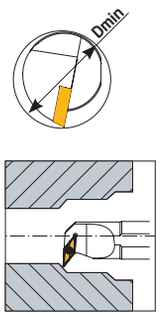

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dmin | d | L | L1 | f | h | kg | | | |
| K282 | ● | S16Q SVUBL 11 | 20 | 16 | 180 | 30 | 11 | 15 | 0,278 | VBMT 1103 | TC061 M2,5x6,5 | T8 |
| K284 | ● | S20Q SVUBL 11 | 25 | 20 | 180 | 32 | 13 | 18 | 0,700 | | | |
| K286 | ● | S25R SVUBL 16 | 32 | 25 | 200 | 40 | 17 | 23 | 0,730 | VBMT 1604 | TC074 M4x10 | T15 |
| K288 | ● | S32T SVUBL 16 | 40 | 32 | 300 | 50 | 22 | 30 | 1,822 | | | |

## 93° SVUCR IC

### İçten Soğutmalı İç Çap Kater
*Boring Bars With Coolant*



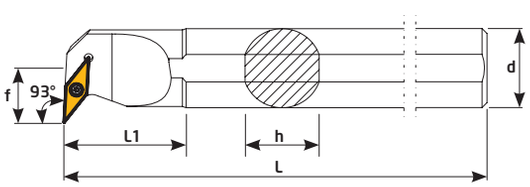


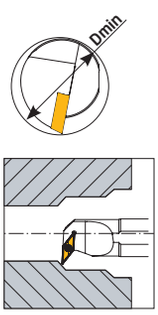




| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dmin | d | L | L1 | f | h | kg | | | |
| KA211 | ● | A16Q SVUCR 11 | 20 | 16 | 180 | 30 | 11 | 15 | 0,268 | VCMT 1103 | TC061 M2,5x6,5 | T8 |
| KA212 | ● | A20Q SVUCR 11 | 25 | 20 | 180 | 32 | 13 | 18 | 0,689 | | | |
| KA213 | ● | A25R SVUCR 16 | 32 | 25 | 200 | 40 | 17 | 23 | 0,720 | VCMT 1604 | TC074 M4x10 | T15 |
| KA214 | ● | A32T SVUCR 16 | 40 | 32 | 300 | 50 | 22 | 30 | 1,812 | | | |

## 93° SVUCR



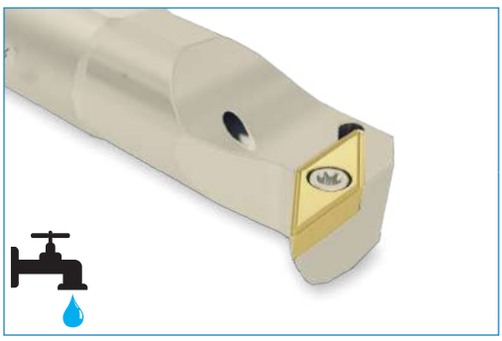


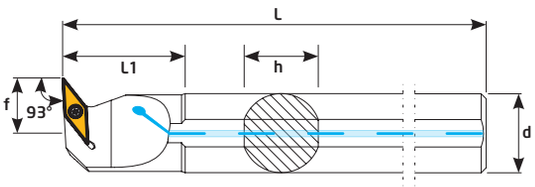



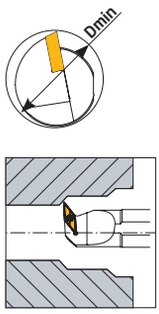

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dmin | d | L | L1 | f | h | kg | | | |
| K211 | ● | S16Q SVUCR 11 | 20 | 16 | 180 | 30 | 11 | 15 | 0,280 | VCMT 1103 | TC061 M2,5x6,5 | T8 |
| K212 | ● | S20Q SVUCR 11 | 25 | 20 | 180 | 32 | 13 | 18 | 0,432 | | | |
| K213 | ● | S25R SVUCR 16 | 32 | 25 | 200 | 40 | 17 | 23 | 0,771 | VCMT 1604 | TC074 M4x10 | T15 |
| K214 | ● | S32T SVUCR 16 | 40 | 32 | 300 | 50 | 22 | 30 | 1,833 | | | |
| K215 | ○ | S40T SVUCR 16 | 50 | 40 | 300 | 55 | 27 | 38 | 2,807 | | | |

## 93° SVUCL IC

### İçten Soğutmalı İç Çap Kater
*Boring Bars With Coolant*

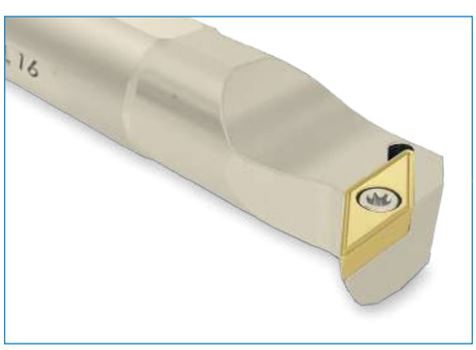


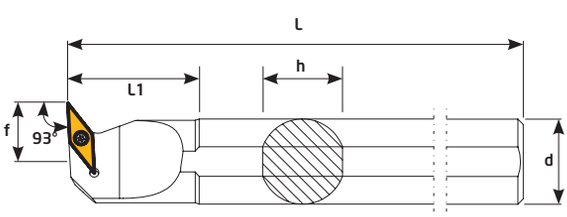


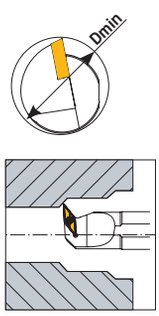




| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dmin | d | L | L1 | f | h | kg | | | |
| KA300 | ● | A16Q SVUCL 11 | 20 | 16 | 180 | 30 | 11 | 15 | 0,268 | VCMT 1103 | TC061 M2,5x6,5 | T8 |
| KA302 | ● | A20Q SVUCL 11 | 25 | 20 | 180 | 32 | 13 | 18 | 0,689 | | | |
| KA304 | ● | A25R SVUCL 16 | 32 | 25 | 200 | 40 | 17 | 23 | 0,720 | VCMT 1604 | TC074 M4x10 | T15 |
| KA306 | ● | A32T SVUCL 16 | 40 | 32 | 300 | 50 | 22 | 30 | 1,812 | | | |

## 93° SVUCL





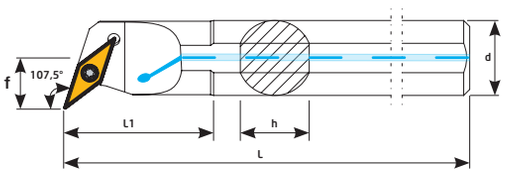

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dmin | d | L | L1 | f | h | kg | | | |
| K300 | ● | S16Q SVUCL 11 | 20 | 16 | 180 | 30 | 11 | 15 | 0,280 | VCMT 1103 | TC061 M2,5x6,5 | T8 |
| K302 | ● | S20Q SVUCL 11 | 25 | 20 | 180 | 32 | 13 | 18 | 0,432 | | | |
| K304 | ● | S25R SVUCL 16 | 32 | 25 | 200 | 40 | 17 | 23 | 0,771 | VCMT 1604 | TC074 M4x10 | T15 |
| K306 | ○ | S32T SVUCL 16 | 40 | 32 | 300 | 50 | 22 | 30 | 1,833 | | | |

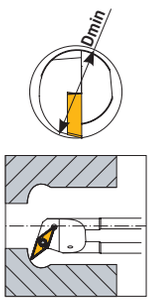
● *Stokta/ In Stock / Lager* ○ *Sınırlı Stok / Limited Stock / Begrenzte Lagerhaltung*

## 107,5° SVQCR IC



### İçten Soğutmalı İç Çap Kater
*Boring Bars With Coolant*

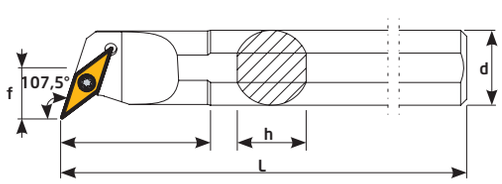


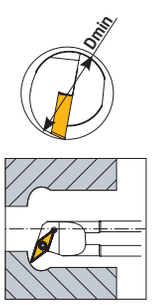




| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dmin | d | L | L1 | f | h | kg | | | |
| KA221 | ● | A16Q SVQCR 11 | 20 | 16 | 180 | 30 | 11 | 15 | 0,271 | VCMT 1103 | TC061 M2,5x6,5 | T8 |
| KA222 | ● | A20Q SVQCR 11 | 25 | 20 | 180 | 30 | 13 | 18 | 1,752 | | | |

## 107,5° SVQCR





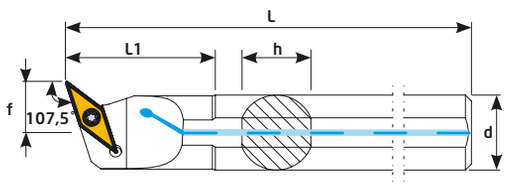



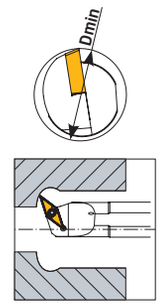

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dmin | d | L | L1 | f | h | kg | | | |
| K221 | ● | S16Q SVQCR 11 | 20 | 16 | 180 | 30 | 11 | 15 | 0,281 | VCMT 1103 | TC061 M2,5x6,5 | T8 |
| K222 | ● | S20Q SVQCR 11 | 25 | 20 | 180 | 30 | 13 | 18 | 1,762 | | | |
| K223 | ● | S25R SVQCR 16 | 32 | 25 | 200 | 50 | 17 | 23 | 0,728 | VCMT 1604 | TC074 M4x10 | T15 |
| K224 | ● | S32T SVQCR 16 | 40 | 32 | 300 | 50 | 22 | 30 | 1,786 | | | |
| K225 | ● | S40T SVQCR 16 | 50 | 40 | 300 | 55 | 27 | 38 | 2,767 | | | |

## İçten Soğutmalı İç Çap Kater
*Boring Bars With Coolant*

### 107,5° SVQCL IC



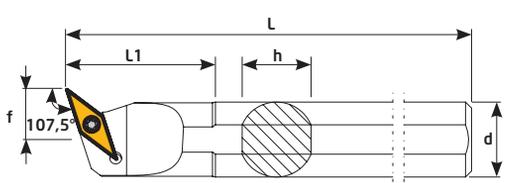


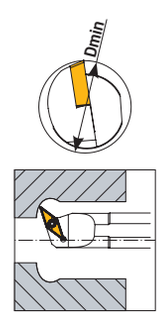




| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dmin | d | L | L1 | f | h | kg | | | |
| KA319 | ● | A16Q SVQCL 11 | 20 | 16 | 180 | 30 | 11 | 15 | 0,271 | VCMT 1103 | TC061 M2,5x6,5 | T8 |
| KA320 | ● | A20Q SVQCL 11 | 25 | 20 | 180 | 30 | 13 | 18 | 1,752 | | | |

### 107,5° SVQCL





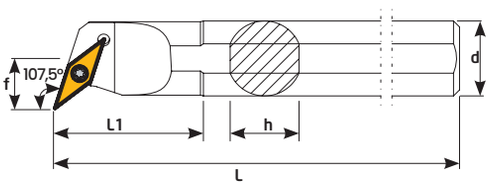



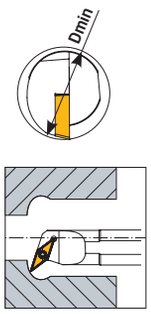

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dmin | d | L | L1 | f | h | kg | | | |
| K319 | ● | S16Q SVQCL 11 | 20 | 16 | 180 | 30 | 11 | 15 | 0,281 | VCMT 1103 | TC061 M2,5x6,5 | T8 |
| K320 | ● | S20Q SVQCL 11 | 25 | 20 | 180 | 30 | 13 | 18 | 1,762 | | | |
| K322 | ● | S25R SVQCL 16 | 32 | 25 | 200 | 50 | 17 | 23 | 0,728 | VCMT 1604 | TC074 M4x10 | T15 |
| K324 | ● | S32T SVQCL 16 | 40 | 32 | 300 | 50 | 22 | 30 | 1,786 | | | |

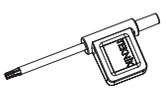
● *Stokta/ In Stock / Lager* ○ *Sınırlı Stok / Limited Stock / Begrenzte Lagerhaltung*

## 107,5° SVQBR



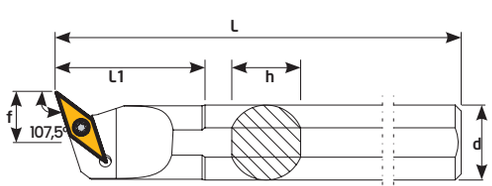



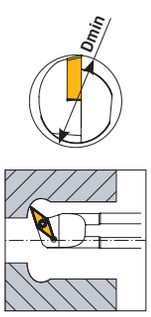




| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dmin | d | L | L1 | f | h | kg |  |  |  |
| K216 | ● | S16Q SVQBR 11 | 20 | 16 | 180 | 30 | 11 | 15 | 0,276 | VBMT 1103 | TC061 M2,5x6,5 | T8 |
| K217 | ● | S20Q SVQBR 11 | 25 | 20 | 180 | 30 | 13 | 18 | 0,422 | | | |
| K218 | ● | S25R SVQBR 16 | 32 | 25 | 200 | 50 | 17 | 23 | 0,725 | VBMT 1604 | TC074 M4x10 | T15 |
| K219 | ● | S32T SVQBR 16 | 40 | 32 | 300 | 50 | 22 | 30 | 1,790 | | | |
| K220 | ● | S40T SVQBR 16 | 50 | 40 | 300 | 55 | 27 | 38 | 2,765 | | | |

## 107,5° SVQBL




| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dmin | d | L | L1 | f | h | kg |  |  |  |
| K310 | ● | S16Q SVQBL 11 | 20 | 16 | 180 | 30 | 11 | 15 | 0,276 | VBMT 1103 | TC061 M2,5x6,5 | T8 |
| K312 | ● | S20Q SVQBL 11 | 25 | 20 | 180 | 30 | 13 | 18 | 0,422 | | | |
| K314 | ● | S25R SVQBL 16 | 32 | 25 | 200 | 50 | 17 | 23 | 0,725 | VBMT 1604 | TC074 M4x10 | T15 |
| K316 | ● | S32T SVQBL 16 | 40 | 32 | 300 | 50 | 22 | 30 | 1,790 | | | |
| K318 | ● | S40T SVQBL 16 | 50 | 40 | 300 | 55 | 27 | 38 | 2,765 | | | |

TEKNİK
Cutting Tools

Karbür İç Çap Kater / Set

# Carbide Boring Bars / Set

VHM Bohrstange / Set






**Technical Solution for Quality**

## E-SCLCR SET



| Sipariş Kodu *Order Code Best.-Nr.* | Setteki Ürün Kodları *Product Code In Set Produkt-Code in Set* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | kg | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Dmin | d | L | f | h | | | | |
| İPS30 | E08K SCLCR 06 | 10 | 8 | 125 | 5 | 7,5 | 0,350 | CC-- 0602 | TC060 M2,5x5,5 | T8 |
| | E10K SCLCR 06 | 12 | 10 | 125 | 6 | 9,5 | | | | |
| | E12M SCLCR 06 | 16 | 12 | 150 | 7 | 11,5 | | | | |

## E-SCLCL SET



| Sipariş Kodu *Order Code Best.-Nr.* | Setteki Ürün Kodları *Product Code In Set Produkt-Code in Set* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | kg | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Dmin | d | L | f | h | | | | |
| İPS31 | E08K SCLCL 06 | 10 | 8 | 125 | 5 | 7,5 | 0,350 | CC-- 0602 | TC060 M2,5x5,5 | T8 |
| | E10K SCLCL 06 | 12 | 10 | 125 | 6 | 9,5 | | | | |
| | E12M SCLCL 06 | 16 | 12 | 150 | 7 | 11,5 | | | | |

## E-SDUCR SET



| Sipariş Kodu *Order Code Best.-Nr.* | Setteki Ürün Kodları *Product Code In Set Produkt-Code in Set* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | kg | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Dmin | d | L | f | h | | | | |
| İPS32 | E10K SDUCR 07 | 13 | 10 | 125 | 7 | 9,5 | 0,150 | DCMT 0702 | TC060 M2,5x5,5 | T8 |
| | E12M SDUCR 07 | 16 | 12 | 150 | 9 | 11,5 | | | | |

## E-SDUCL SET



| Sipariş Kodu *Order Code Best.-Nr.* | Setteki Ürün Kodları *Product Code In Set Produkt-Code in Set* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | kg | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Dmin | d | L | f | h | | | | |
| İPS33 | E10K SDUCL 07 | 13 | 10 | 125 | 7 | 9,5 | 0,150 | DCMT 0702 | TC060 M2,5x5,5 | T8 |
| | E12M SDUCL 07 | 16 | 12 | 150 | 9 | 11,5 | | | | |

## E-SDQCR SET



| Sipariş Kodu *Order Code Best.-Nr.* | Setteki Ürün Kodları *Product Code In Set Produkt-Code in Set* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | kg | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Dmin | d | L | f | h | | | | |
| İPS34 | E10K SDQCR 07 | 13 | 10 | 125 | 7 | 9,5 | 0,150 | DCMT 0702 | TC060 M2,5x5,5 | T8 |
| | E12M SDQCR 07 | 16 | 12 | 150 | 9 | 11,5 | | | | |

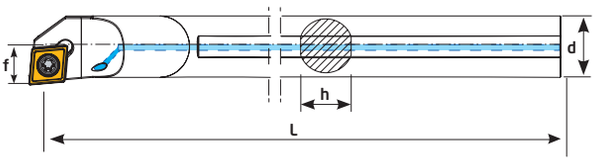
## E-SDQCL SET

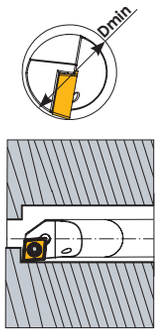


| Sipariş Kodu *Order Code Best.-Nr.* | Setteki Ürün Kodları *Product Code In Set Produkt-Code in Set* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | kg | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Dmin | d | L | f | h | | | | |
| İPS35 | E10K SDQCL 07 | 13 | 10 | 125 | 7 | 9,5 | 0,150 | DCMT 0702 | TC060 M2,5x5,5 | T8 |
| | E12M SDQCL 07 | 16 | 12 | 150 | 9 | 11,5 | | | | |

## 95° E-SCLCR IC



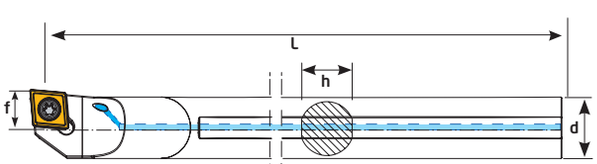


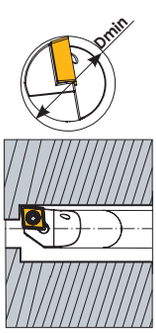




| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dmin | d | L | f | h | kg | | | |
| KE10 | ● | E08K SCLCR 06 | 10 | 8 | 125 | 5 | 7,5 | 0,050 | CC-- 0602 | TC060 M2,5x5,5 | T8 |
| KE11 | ● | E10K SCLCR 06 | 12 | 10 | 125 | 6 | 9,5 | 0,100 | | | |
| KE12 | ● | E12M SCLCR 06 | 16 | 12 | 150 | 7 | 11,5 | 0,200 | | | |
| KE13 | ● | E16R SCLCR 09 | 20 | 16 | 200 | 10 | 15,5 | 0,500 | CCMT 09T3 | TC067 M3,5x8,5 | T15 |
| KE14 | ● | E20S SCLCR 09 | 25 | 20 | 250 | 13 | 19,5 | 0,950 | | | |

## 95° E-SCLCL IC



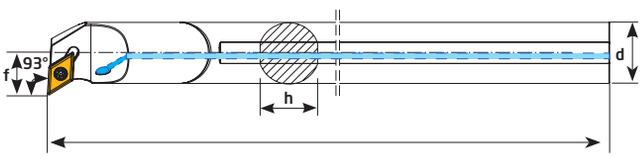



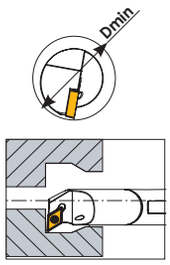

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dmin | d | L | f | h | kg | | | |
| KE17 | ● | E08K SCLCL 06 | 10 | 8 | 125 | 5 | 7,5 | 0,050 | CC-- 0602 | TC060 M2,5x5,5 | T8 |
| KE18 | ● | E10K SCLCL 06 | 12 | 10 | 125 | 6 | 9,5 | 0,100 | | | |
| KE19 | ● | E12M SCLCL 06 | 16 | 12 | 150 | 7 | 11,5 | 0,200 | | | |
| KE20 | ● | E16R SCLCL 09 | 20 | 16 | 200 | 10 | 15,5 | 0,500 | CCMT 09T3 | TC067 M3,5x8,5 | T15 |
| KE21 | ● | E20S SCLCL 09 | 25 | 20 | 250 | 13 | 19,5 | 0,950 | | | |

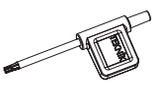
● *Stokta/ In Stock / Lager* ○ *Sınırlı Stok / Limited Stock / Begrenzte Lagerhaltung*

## 93° E-SDUCR IC



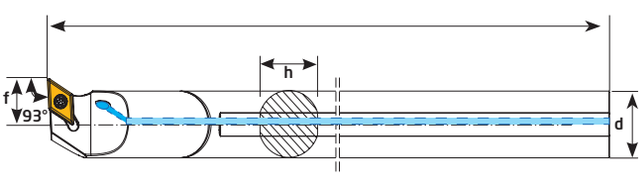


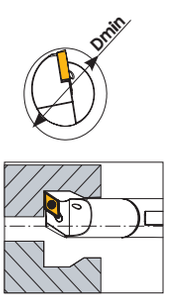



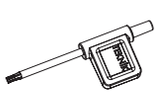

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dmin | d | L | f | h | kg |  |  |  |
| KE30 | ● | E10K SDUCR 07 | 13 | 10 | 125 | 7 | 9,5 | 0,050 | DCMT 0702 | TC060 M2,5x5,5 | T8 |
| KE31 | ● | E12M SDUCR 07 | 16 | 12 | 150 | 9 | 11,5 | 0,100 | | | |
| KE32 | ● | E16R SDUCR 07 | 20 | 16 | 200 | 11 | 15,5 | 0,200 | | | |
| KE33 | ● | E16R SDUCR 11 | 20 | 16 | 200 | 11 | 15,5 | 0,500 | DCMT 11T3 | TC067 M3,5x8,5 | T15 |
| KE34 | ● | E20S SDUCR 11 | 25 | 20 | 250 | 13 | 19,5 | 0,950 | | | |

## 93° E-SDUCL IC



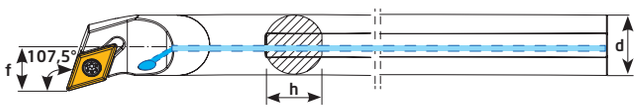


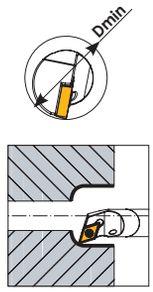




| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dmin | d | L | f | h | kg |  |  |  |
| KE40 | ● | E10K SDUCL 07 | 13 | 10 | 125 | 7 | 9,5 | 0,050 | DCMT 0702 | TC060 M2,5x5,5 | T8 |
| KE41 | ● | E12M SDUCL 07 | 16 | 12 | 150 | 9 | 11,5 | 0,100 | | | |
| KE42 | ● | E16R SDUCL 07 | 20 | 16 | 200 | 11 | 15,5 | 0,200 | | | |
| KE43 | ● | E16R SDUCL 11 | 20 | 16 | 200 | 11 | 15,5 | 0,500 | DCMT 11T3 | TC067 M3,5x8,5 | T15 |
| KE44 | ● | E20S SDUCL 11 | 25 | 20 | 250 | 13 | 19,5 | 0,950 | | | |

## 107,5° E-SDQCR IC

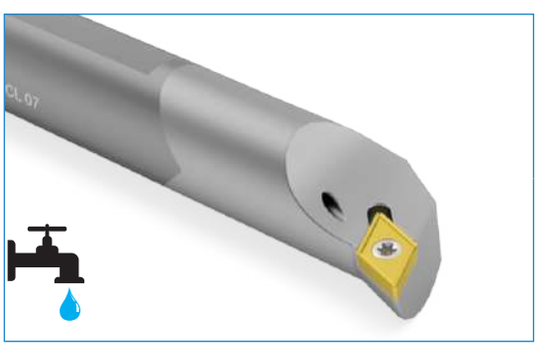


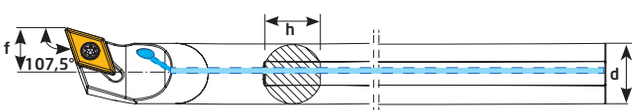



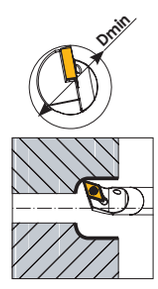




| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dmin | d | L | f | h | kg | | | |
| KE50 | ● | E10K SDQCR 07 | 13 | 10 | 125 | 7 | 9,5 | 0,050 | DCMT 0702 | TC060 M2,5x5,5 | T8 |
| KE51 | ● | E12M SDQCR 07 | 16 | 12 | 150 | 9 | 11,5 | 0,100 | | | |
| KE52 | ● | E16R SDQCR 07 | 20 | 16 | 200 | 11 | 15,5 | 0,200 | | | |
| KE53 | ● | E16R SDQCR 11 | 20 | 16 | 200 | 11 | 15,5 | 0,500 | DCMT 11T3 | TC067 M3,5x8,5 | T15 |
| KE54 | ● | E20S SDQCR 11 | 25 | 20 | 250 | 13 | 19,5 | 0,950 | | | |

## 107,5° E-SDQCL IC





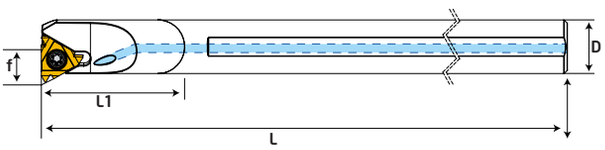



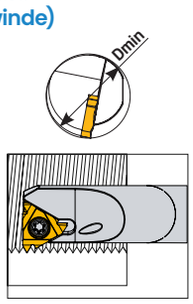

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dmin | d | L | f | h | kg | | | |
| KE60 | ● | E10K SDQCL 07 | 13 | 10 | 125 | 7 | 9,5 | 0,050 | DCMT 0702 | TC060 M2,5x5,5 | T8 |
| KE61 | ● | E12M SDQCL 07 | 16 | 12 | 150 | 9 | 11,5 | 0,100 | | | |
| KE62 | ● | E16R SDQCL 07 | 20 | 16 | 200 | 11 | 15,5 | 0,200 | | | |
| KE63 | ● | E16R SDQCL 11 | 20 | 16 | 200 | 11 | 15,5 | 0,500 | DCMT 11T3 | TC067 M3,5x8,5 | T15 |
| KE64 | ● | E20S SDQCL 11 | 25 | 20 | 250 | 13 | 19,5 | 0,950 | | | |

● *Stokta/ In Stock / Lager* ○ *Sınırlı Stok / Limited Stock / Begrenzte Lagerhaltung*

## Karbür İç Çap Diş Kateri IC
## *Carbide E System Internal Threading Toolholders IC*



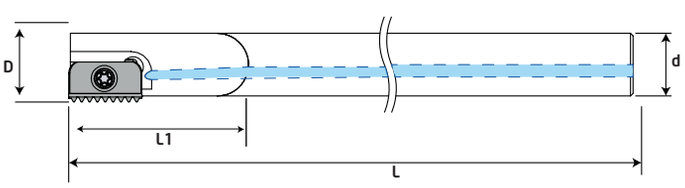




| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | Delik Çapı | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Altlık *Shim U-Platte* | Pul *Washer U-Scheibe* | Altlık Civatası *Shim Screw U-Platte Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | L | L1 | f | Dmin | | | | | | | |
| KE70 | ● | E06H - IR06 | 6 | 100 | 26 | 4,3 | 6 | 0,024 | 6 IR | TC058 M2x4,2 | - | - | - | T6 |
| KE71 | ● | E08K - IR08 | 8 | 125 | 31 | 5,3 | 7,8 | 0,045 | 8 IR | TC058-1 M2x4,6 | | | | |
| KE72 | ● | E10M - IR11 | 10 | 150 | - | 7,4 | 12 | 0,085 | 11 IR | TC060 M2,5x5,5 | | | | T8 |
| KE73 | ● | E12P - IR11 | 12 | 170 | - | 8,4 | 15 | 0,150 | | | | | | |
| KE74 | ● | E16R - IR16 | 16 | 200 | - | 11,7 | 19 | 0,260 | 16 IR | TC067 M3,5 x8,5 | | | | T15 |
| KE75 | ● | E20S - IR16 | 20 | 250 | - | 13,7 | 24 | 0,560 | | TC068 M3,5x11 | TA060 | BSP010 | TC062 M3 | |
| KE76 | ● | E25S - IR16 | 25 | 250 | - | 16,2 | 29 | 0,900 | | | | | | |
| KE78 | ● | E20S - IR22 | 20 | 250 | - | 15,6 | 24,5 | 0,570 | 22 IR | TC078 M4x11 | - | - | - | |

## Karbür Diş Açma Frezeler / Carbide Thread IC
## *Cutting Cutter / Carbide Gewindeschneid Fräser IC*




| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | A | D | d | L | L1 | | | | |
| KE90 | ● | D9,9 d08 L125 A12 S12 | 12 | 9,9 | 8 | 125 | - | 0,049 | S12 | TC092 M2,5x5,5 | T8 |
| KE91 | ● | D13,2 d10 L110 A14 S14 | 14 | 13,2 | 10 | 110 | - | 0,067 | S14 | TC093 M2,5x7 | |
| KE92 | ● | D13,2 d10 L155 A14 S14 | 14 | 13,2 | 10 | 155 | - | 0,100 | | | |
| KE93 | ● | D15,2 d12 L175 A14 S14 | 14 | 15,2 | 12 | 175 | - | 0,167 | | | |
| KE94 | ● | D21 d16 L130 A21 S21 | 21 | 21 | 16 | 130 | - | 0,212 | S21 | TC074 M4x10 | T15 |
| KE95 | ● | D21 d16 L200 A21 S21 | 21 | 21 | 16 | 200 | | 0,327 | | | |

İç Çap Kater Set

# Boring Bars Set

Bohrstangen Set




**Technical Solution for Quality**

## SCLCR SET IC



| Sipariş Kodu *Order Code Best.-Nr* | Setteki Ürün Kodları *Product Code In Set Produkt-Code in Set* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* Dmin | d | L | L1 | f | h | kg | Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| İPS01 | A08H SCLCR 06 | 10 | 8 | 100 | 16 | 5,5 | 7 | 0,464 | CC-- 0602 | TC060 M2,5x5,5 | T8 |
| | A10J SCLCR 06 | 12 | 10 | 110 | 20 | 6 | 9 | | | | |
| | A12K SCLCR 06 | 16 | 12 | 125 | 25 | 9 | 11 | | | | |
| | A16M SCLCR 09 | 20 | 16 | 150 | 30 | 11 | 15 | | CC-- 09T3 | TC067 M3,5x8,5 | T15 |

## SCLCL SET IC



| Sipariş Kodu *Order Code Best.-Nr.* | Setteki Ürün Kodları *Product Code In Set Produkt-Code in Set* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* Dmin | d | L | L1 | f | h | kg | Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| İPS04 | A08H SCLCL 06 | 10 | 8 | 100 | 16 | 5,5 | 7 | 0,464 | CC-- 0602 | TC060 M2,5x5,5 | T8 |
| | A10J SCLCL 06 | 12 | 10 | 110 | 20 | 6 | 9 | | | | |
| | A12K SCLCL 06 | 16 | 12 | 125 | 25 | 9 | 11 | | | | |
| | A16M SCLCL 09 | 20 | 16 | 150 | 30 | 11 | 15 | | CC-- 09T3 | TC067 M3,5x8,5 | T15 |

## SDUCR SET IC



| Sipariş Kodu *Order Code Best.-Nr.* | Setteki Ürün Kodları *Product Code In Set Produkt-Code in Set* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* Dmin | d | L | L1 | f | h | kg | Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| İPS02 | A10J SDUCR 07 | 12 | 10 | 110 | 20 | 7 | 9 | 0,450 | DC--0702 | TC060 M2,5x5,5 | T8 |
| | A12K SDUCR 07 | 16 | 12 | 125 | 25 | 9 | 11 | | | | |
| | A16M SDUCR 07 | 20 | 16 | 150 | 30 | 11 | 15 | | | | |

## SDUCL SET IC



| Sipariş Kodu *Order Code Best.-Nr.* | Setteki Ürün Kodları *Product Code In Set Produkt-Code in Set* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* Dmin | d | L | L1 | f | h | kg | Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| İPS05 | A10J SDUCL 07 | 12 | 10 | 110 | 20 | 7 | 9 | 0,450 | DC--0702 | TC060 M2,5x5,5 | T8 |
| | A12K SDUCL 07 | 16 | 12 | 125 | 25 | 9 | 11 | | | | |
| | A16M SDUCL 07 | 20 | 16 | 150 | 30 | 11 | 15 | | | | |

## SDQCR SET IC

| Sipariş Kodu *Order Code Best.-Nr.* | Setteki Ürün Kodları *Product Code In Set Produkt-Code in Set* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* Dmin | d | L | L1 | f | h | kg | Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| İPS03 | A10J SDQCR 07 | 12 | 10 | 110 | 20 | 7 | 9 | 0,434 | DC--0702 | TC060 M2,5x5,5 | T8 |
| | A12K SDQCR 07 | 16 | 12 | 125 | 25 | 9 | 11 | | | | |
| | A16M SDQCR 07 | 20 | 16 | 150 | 30 | 11 | 15 | | | | |

## SDQCL SET IC

| Sipariş Kodu *Order Code Best.-Nr.* | Setteki Ürün Kodları *Product Code In Set Produkt-Code in Set* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* Dmin | d | L | L1 | f | h | kg | Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| İPS06 | A10J SDQCL 07 | 12 | 10 | 110 | 20 | 7 | 9 | 0,434 | DC--0702 | TC060 M2,5x5,5 | T8 |
| | A12K SDQCL 07 | 16 | 12 | 125 | 25 | 9 | 11 | | | | |
| | A16M SDQCL 07 | 20 | 16 | 150 | 30 | 11 | 15 | | | | |

● *Stokta/ In Stock/ Lager* ○ *Sınırlı Stok/ Limited Stock/ Begrenzte Lagerhaltung*



## SCLCR SET

| Sipariş Kodu<br>Order Code<br>Best.-Nr | Setteki Ürün Kodları<br>Product Code In Set<br>Produkt-Code in Se | Ölçüler (mm)<br>Dimensions(mm)<br>Abmessungen (mm) | | | | | | kg | Uç<br>Insert<br>WSP | Sıkma Civatası<br>Clamp Screw<br>Torx-Schraube | Anahtar<br>Torx Key<br>Torx-Schlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Dmin | d | L | L1 | f | h | | | | |
| İPS20 | S08H SCLCR 06 | 10 | 8 | 100 | 16 | 5,5 | 7 | 0,960 | CC-- 0602 | TC060<br>M2,5x5,5 | T8 |
| | S10J SCLCR 06 | 12 | 10 | 110 | 20 | 6 | 9 | | | | |
| | S12K SCLCR 06 | 16 | 12 | 125 | 25 | 9 | 11 | | | | |
| | S16M SCLCR 09 | 20 | 16 | 150 | 30 | 11 | 15 | | CC-- 09T3 | TC067 M3,5x8,5 | T15 |

## SCLCL SET

| Sipariş Kodu<br>Order Code<br>Best.-Nr. | Setteki Ürün Kodları<br>Product Code In Set<br>Produkt-Code in Set | Ölçüler (mm)<br>Dimensions(mm)<br>Abmessungen (mm) | | | | | | kg | Uç<br>Insert<br>WSP | Sıkma Civatası<br>Clamp Screw<br>Torx-Schraube | Anahtar<br>Torx Key<br>Torx-Schlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Dmin | d | L | L1 | f | h | | | | |
| İPS21 | S08H SCLCL 06 | 10 | 8 | 100 | 16 | 5,5 | 7 | 0,960 | CC-- 0602 | TC060<br>M2,5x5,5 | T8 |
| | S10J SCLCL 06 | 12 | 10 | 110 | 20 | 6 | 9 | | | | |
| | S12K SCLCL 06 | 16 | 12 | 125 | 25 | 9 | 11 | | | | |
| | S16M SCLCL 09 | 20 | 16 | 150 | 30 | 11 | 15 | | CC-- 09T3 | TC067 M3,5x8,5 | T15 |



## SDUCR SET

| Sipariş Kodu<br>Order Code<br>Best.-Nr. | Setteki Ürün Kodları<br>Product Code In Set<br>Produkt-Code in Set | Ölçüler (mm)<br>Dimensions(mm)<br>Abmessungen (mm) | | | | | | kg | Uç<br>Insert<br>WSP | Sıkma Civatası<br>Clamp Screw<br>Torx-Schraube | Anahtar<br>Torx Key<br>Torx-Schlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Dmin | d | L | L1 | f | h | | | | |
| İPS22 | S10J SDUCR 07 | 12 | 10 | 110 | 20 | 7 | 9 | 0,446 | DC--0702 | TC060<br>M2,5x5,5 | T8 |
| | S12K SDUCR 07 | 16 | 12 | 125 | 25 | 9 | 11 | | | | |
| | S16M SDUCR 11 | 20 | 16 | 150 | 30 | 11 | 15 | | DC--11T3 | TC067 M3,5x8,5 | T15 |

## SDUCL SET

| Sipariş Kodu<br>Order Code<br>Best.-Nr. | Setteki Ürün Kodları<br>Product Code In Set<br>Produkt-Code in Set | Ölçüler (mm)<br>Dimensions(mm)<br>Abmessungen (mm) | | | | | | kg | Uç<br>Insert<br>WSP | Sıkma Civatası<br>Clamp Screw<br>Torx-Schraube | Anahtar<br>Torx Key<br>Torx-Schlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Dmin | d | L | L1 | f | h | | | | |
| İPS23 | S10J SDUCL 07 | 12 | 10 | 110 | 20 | 7 | 9 | 0,446 | DC--0702 | TC060<br>M2,5x5,5 | T8 |
| | S12K SDUCL 07 | 16 | 12 | 125 | 25 | 9 | 11 | | | | |
| | S16M SDUCL 11 | 20 | 16 | 150 | 30 | 11 | 15 | | DC--11T3 | TC067 M3,5x8,5 | T15 |

## SDQCR SET

| Sipariş Kodu<br>Order Code<br>Best.-Nr. | Setteki Ürün Kodları<br>Product Code In Set<br>Produkt-Code in Set | Ölçüler (mm)<br>Dimensions(mm)<br>Abmessungen (mm) | | | | | | kg | Uç<br>Insert<br>WSP | Sıkma Civatası<br>Clamp Screw<br>Torx-Schraube | Anahtar<br>Torx Key<br>Torx-Schlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Dmin | d | L | L1 | f | h | | | | |
| İPS24 | S10J SDQCR 07 | 12 | 10 | 110 | 20 | 7 | 9 | 0,442 | DC--0702 | TC060<br>M2,5x5,5 | T8 |
| | S12K SDQCR 07 | 16 | 12 | 125 | 25 | 9 | 11 | | | | |
| | S16M SDQCR 11 | 20 | 16 | 150 | 30 | 11 | 15 | | DC--11T3 | TC067 M3,5x8,5 | T15 |

## SDQCL SET

| Sipariş Kodu<br>Order Code<br>Best.-Nr. | Setteki Ürün Kodları<br>Product Code In Set<br>Produkt-Code in Set | Ölçüler (mm)<br>Dimensions(mm)<br>Abmessungen (mm) | | | | | | kg | Uç<br>Insert<br>WSP | Sıkma Civatası<br>Clamp Screw<br>Torx-Schraube | Anahtar<br>Torx Key<br>Torx-Schlüssel |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Dmin | d | L | L1 | f | h | | | | |
| İPS25 | S10J SDQCL 07 | 12 | 10 | 110 | 20 | 7 | 9 | 0,442 | DC--0702 | TC060<br>M2,5x5,5 | T8 |
| | S12K SDQCL 07 | 16 | 12 | 125 | 25 | 9 | 11 | | | | |
| | S16M SDQCL 11 | 20 | 16 | 150 | 30 | 11 | 15 | | DC--11T3 | TC067 M3,5x8,5 | T15 |

● *Stokta/ In Stock / Lager* ○ *Sınırlı Stok / Limited Stock / Begrenzte Lagerhaltung*

TEKNİK
Cutting Tools




## Uç Baglama Sistemleri
## Insert Clamping Systems
## Wendeplatten klem systems

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TEKNİK
Cutting Tools

U-Drill

# Indexable Insert Drills

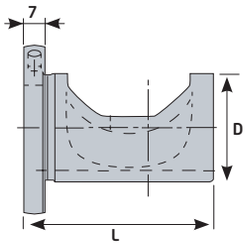
## Vollbohrer

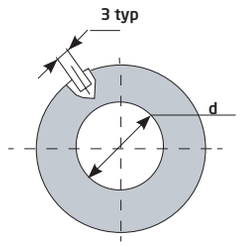



**Technical Solution for Quality**

## U-DRİLL EKSANTRİK ADAPTÖRÜ
## ADAPTOR FOR U-DRILLS

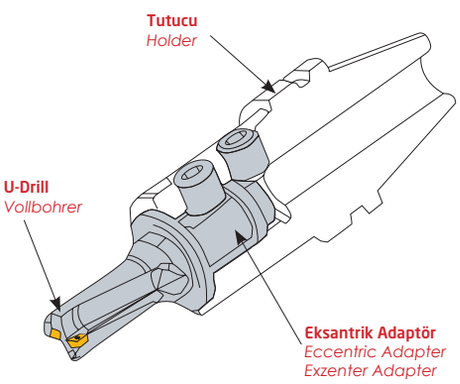




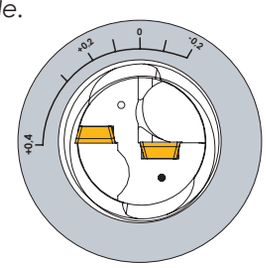

**Adaptörün radyal olarak ayarlanmasını kolaylaştırmak için kullanılır.**
***(This pin used to ease radial adjustment od the sleeve.)***

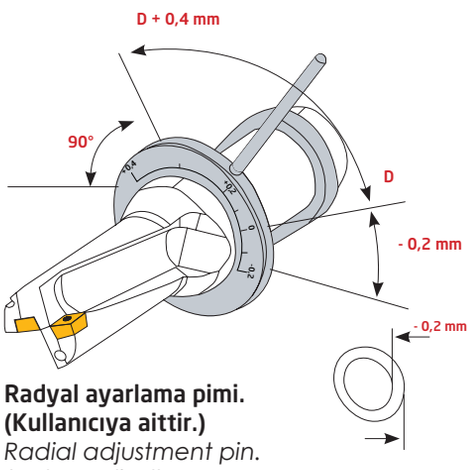
| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | |
|---|---|---|---|---|---|
| | | | D | d | L |
| UA10 | ● | D25 d20 L46 | 25 | 20 | 46,5 |
| UA12 | ● | D32 d25 L47 | 32 | 25 | 47 |
| UA14 | ● | D40 d32 L57 | 40 | 32 | 57 |



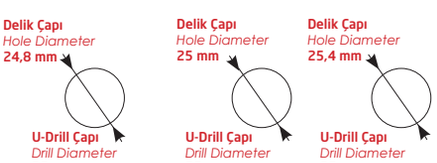

**Frezeleme tezgahında takma uçlu matkabın nomnal çapı, matkabın ekseninin, sipindle eksenine göre ötelenmesiyle değişebilir.**

*On a milling machine the drill's nominal diameter can be changed By shifting the drill's axis out of the tool spindle.*




**Radyal ayarlama pimi. (Kullanıcıya aittir.)**
*Radial adjustment pin. (not supplied)*

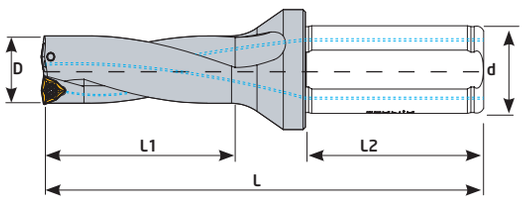


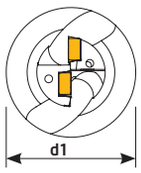

**U-Drill'in üzerindeki düz çizgi adaptörün sıfır rakamının üzerine konulmalıdır.**
**UA'nin (eksantrik adaptörün) çevrilmesini kolaylaştırmak için UA'nin üzerindeki deliğe, metal bir çubuk ya da vida anahtarı yerleştirilebilir. UA'yi ayarlamadan önce tutucunun vidasını hafifçe çözün.**

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

## D2 WCM_





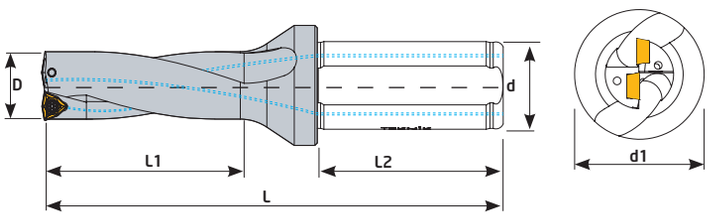

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | d | d1 | L | L1 | L2 | kg | | | |
| U104 | ● | 16 D2 WCM_ 03 | 16 | 25 | 34 | 108 | 32 | 56 | 0,294 | WCM_ 0302 KRLY | TC060 M2,5x5,5 | T8 |
| U105 | ● | 17 D2 WCM_ 03 | 17 | 25 | 34 | 110 | 34 | 56 | 0,293 | | | |
| U106 | ● | 18 D2 WCM_ 03 | 18 | 25 | 34 | 113 | 36 | 56 | 0,303 | WCM_ 0302 KRLY | TC060 M2,5x5,5 | T8 |
| U107 | ● | 19 D2 WCM_ 03 | 19 | 25 | 34 | 115 | 38 | 56 | 0,312 | | | |
| U108 | ● | 20 D2 WCM_ 04 | 20 | 25 | 34 | 119 | 40 | 56 | 0,327 | WCM_ 0402 KRLY | TC060 M2,5x5,5 | T8 |
| U110 | ● | 21 D2 WCM_ 04 | 21 | 25 | 34 | 121 | 42 | 56 | 0,340 | | | |
| U112 | ● | 22 D2 WCM_ 04 | 22 | 25 | 34 | 123 | 44 | 56 | 0,345 | | | |
| U114 | ● | 23 D2 WCM_ 04 | 23 | 25 | 34 | 127 | 46 | 56 | 0,370 | | | |
| U116 | ● | 24 D2 WCM_ 05 | 24 | 25 | 34 | 130 | 48 | 56 | 0,390 | WCM_ 0503 KRLY | TC065 M3x7 | T8 |
| U118 | ● | 25 D2 WCM_ 05 | 25 | 25 | 34 | 133 | 50 | 56 | 0,420 | | | |
| U120 | ● | 26 D2 WCM_ 05 | 26 | 25 | 34 | 135 | 52 | 56 | 0,420 | | | |
| U122 | ● | 27 D2 WCM_ 05 | 27 | 25 | 34 | 137 | 54 | 56 | 0,450 | | | |
| U124 | ● | 28 D2 WCM_ 05 | 28 | 25 | 39 | 140 | 56 | 56 | 0,491 | | | |
| U126 | ● | 29 D2 WCM_ 05 | 29 | 25 | 39 | 142 | 58 | 56 | 0,515 | | | |
| U128 | ● | 30 D2 WCM_ 06 | 30 | 32 | 44 | 151 | 60 | 58 | 0,755 | WCM_ 06T3 KRLY | TC067 M3,5x8,5 | T10 |
| U130 | ● | 31 D2 WCM_ 06 | 31 | 32 | 44 | 154 | 62 | 58 | 0,775 | | | |
| U132 | ● | 32 D2 WCM_ 06 | 32 | 32 | 44 | 156 | 64 | 58 | 0,802 | | | |
| U134 | ● | 33 D2 WCM_ 06 | 33 | 32 | 44 | 159 | 66 | 58 | 0,845 | | | |
| U136 | ● | 34 D2 WCM_ 06 | 34 | 32 | 44 | 161 | 68 | 58 | 0,851 | | | |
| U137 | ● | 35 D2 WCM_ 06 | 35 | 32 | 44 | 164 | 70 | 58 | 0,900 | | | |
| U138 | ● | 36 D2 WCM_ 06 | 36 | 32 | 44 | 167 | 72 | 58 | 0,970 | | | |
| U139 | ● | 37 D2 WCM_ 06 | 37 | 32 | 44 | 170 | 74 | 58 | 0,875 | | | |
| U140 | ● | 38 D2 WCM_ 06 | 38 | 32 | 44 | 173 | 76 | 58 | 0,975 | | | |
| U141 | ● | 39 D2 WCM_ 06 | 39 | 32 | 44 | 175 | 78 | 58 | 1,006 | | | |
| U142 | ● | 40 D2 WCM_ 06 | 40 | 32 | 44 | 178 | 80 | 58 | 1,007 | | | |

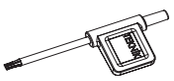
*KRLY ucuna uygundur. / Compatible with KRLY insert. / Kompatible für KRLY WP*

● *Stokta/ In Stock / Lager* ○ *Sınırlı Stok / Limited Stock / Begrenzte Lagerhaltung*

## D3 WCM_



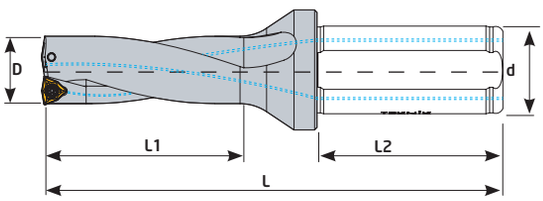


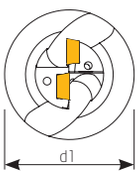

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | d | d1 | L | L1 | L2 | (kg) |  |  |  |
| U143 | ● | 16 D3 WCM_ 03 | 16 | 25 | 34 | 124 | 48 | 56 | 0,307 | WCM_0302 KRLY | TC060 M2,5x5,5 | T8 |
| U143-1 | ● | 16,5 D3 WCM_ 03 | 16,5 | 25 | 34 | 124 | 48 | 56 | 0,304 | | | |
| U144 | ● | 17 D3 WCM_ 03 | 17 | 25 | 34 | 127 | 51 | 56 | 0,320 | | | |
| U145 | ● | 17,5 D3 WCM_ 03 | 17,5 | 25 | 34 | 127 | 51 | 56 | 0,336 | | | |
| U146 | ● | 18 D3 WCM_ 03 | 18 | 25 | 34 | 131 | 54 | 56 | 0,332 | WCM_0302 KRLY | TC060 M2,5x5,5 | T8 |
| U147 | ● | 18,5 D3 WCM_ 03 | 18,5 | 25 | 34 | 131 | 54 | 56 | 0,348 | | | |
| U148 | ● | 19 D3 WCM_ 03 | 19 | 25 | 34 | 134 | 57 | 56 | 0,338 | | | |
| U149 | ● | 19,5 D3 WCM_ 03 | 19,5 | 25 | 34 | 134 | 57 | 56 | 0,340 | | | |
| U150 | ● | 20 D3 WCM_ 04 | 20 | 25 | 34 | 139 | 60 | 56 | 0,344 | WCM_0402 KRLY | TC060 M2,5x5,5 | T8 |
| U151 | ● | 20,5 D3 WCM_ 04 | 20,5 | 25 | 34 | 139 | 60 | 56 | 0,360 | | | |
| U152 | ● | 21 D3 WCM_ 04 | 21 | 25 | 34 | 142 | 63 | 56 | 0,376 | | | |
| U153 | ● | 21,5 D3 WCM_ 04 | 21,5 | 25 | 34 | 142 | 63 | 56 | 0,281 | | | |
| U154 | ● | 22 D3 WCM_ 04 | 22 | 25 | 34 | 145 | 66 | 56 | 0,385 | | | |
| U155 | ● | 22,5 D3 WCM_ 04 | 22,5 | 25 | 34 | 145 | 66 | 56 | 0,394 | | | |
| U156 | ● | 23 D3 WCM_ 04 | 23 | 25 | 34 | 150 | 69 | 56 | 0,400 | | | |
| U157 | ● | 23,5 D3 WCM_ 04 | 23,5 | 25 | 34 | 150 | 69 | 56 | 0,413 | | | |
| U158 | ● | 24 D3 WCM_ 05 | 24 | 25 | 34 | 154 | 72 | 56 | 0,446 | WCM_0503 KRLY | TC065 M3x7 | T8 |
| U159 | ● | 24,5 D3 WCM_ 05 | 24,5 | 25 | 34 | 154 | 72 | 56 | 0,453 | | | |
| U160 | ● | 25 D3 WCM_ 05 | 25 | 25 | 34 | 158 | 75 | 56 | 0,467 | | | |
| U161 | ● | 25,5 D3 WCM_ 05 | 25,5 | 25 | 34 | 158 | 75 | 56 | 0,490 | | | |
| U162 | ● | 26 D3 WCM_ 05 | 26 | 25 | 34 | 161 | 78 | 56 | 0,494 | | | |
| U163 | ● | 26,5 D3 WCM_ 05 | 26,5 | 25 | 34 | 161 | 78 | 56 | 0,497 | | | |
| U164 | ● | 27 D3 WCM_ 05 | 27 | 25 | 34 | 164 | 81 | 56 | 0,512 | | | |
| U165 | ● | 27,5 D3 WCM_ 05 | 27,5 | 25 | 34 | 164 | 81 | 56 | 0,520 | | | |
| U166 | ● | 28 D3 WCM_ 05 | 28 | 25 | 39 | 168 | 84 | 56 | 0,576 | | | |
| U167 | ● | 28,5 D3 WCM_ 05 | 28,5 | 25 | 39 | 168 | 84 | 56 | 0,584 | | | |
| U168 | ● | 29 D3 WCM_ 05 | 29 | 25 | 39 | 171 | 87 | 56 | 0,617 | | | |
| U169 | ● | 29,5 D3 WCM_ 05 | 29,5 | 25 | 39 | 171 | 87 | 56 | 0,610 | | | |

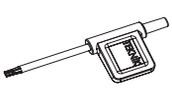
*KRLY ucuna uygundur. / Compatible with KRLY insert. / Kompatible für KRLY WP*

## D3 WCM_





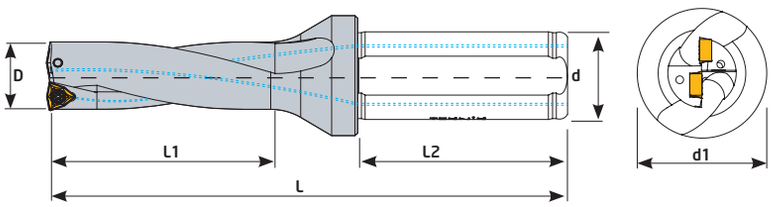

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | d | d1 | L | L1 | L2 | kg |  |  |  |
| U170 | ● | 30 D3 WCM_ 06 | 30 | 32 | 44 | 181 | 90 | 58 | 0,847 | WCM_06T3 KRLY | TC067 M3,5x8,5 | T15 |
| U171 | ● | 30,5 D3 W_M_ 06 | 30,5 | 32 | 44 | 181 | 90 | 58 | 0,844 | | | |
| U172 | ● | 31 D3 WCM_ 06 | 31 | 32 | 44 | 185 | 93 | 58 | 0,872 | | | |
| U174 | ● | 32 D3 WCM_ 06 | 32 | 32 | 44 | 188 | 96 | 58 | 0,921 | | | |
| U176 | ● | 33 D3 WCM_ 06 | 33 | 32 | 44 | 192 | 99 | 58 | 0,973 | | | |
| U178 | ● | 34 D3 WCM_ 06 | 34 | 32 | 44 | 195 | 102 | 58 | 1,037 | | | |
| U179 | ● | 35 D3 WCM_ 06 | 35 | 32 | 44 | 199 | 105 | 58 | 1,082 | | | |
| U180 | ● | 36 D3 WCM_ 06 | 36 | 32 | 44 | 203 | 108 | 58 | 1,092 | | | |
| U181 | ● | 37 D3 WCM_ 06 | 37 | 32 | 44 | 207 | 111 | 58 | 1,141 | | | |
| U182 | ● | 38 D3 WCM_ 06 | 38 | 32 | 44 | 211 | 114 | 58 | 1,188 | | | |
| U183 | ● | 39 D3 WCM_ 06 | 39 | 32 | 44 | 214 | 117 | 58 | 1,244 | | | |
| U184 | ● | 40 D3 WCM_ 06 | 40 | 32 | 44 | 218 | 120 | 58 | 1,295 | | | |
| U186 | ● | 41 D3 WCM_ 06 | 41 | 32 | 49 | 232 | 123 | 58 | 1,465 | | | |
| U188 | ● | 42 D3 WCM_ 06 | 42 | 32 | 49 | 235 | 126 | 58 | 1,646 | | | |
| U190 | ● | 43 D3 WCM_ 06 | 43 | 32 | 54 | 239 | 129 | 58 | 1,726 | | | |
| U192 | ● | 44 D3 WCM_ 06 | 44 | 32 | 54 | 242 | 132 | 58 | 1,916 | | | |
| U194 | ● | 45 D3 WCM_ 06 | 45 | 40 | 59 | 247 | 135 | 68 | 2,238 | | | |
| U196 | ● | 46 D3 WCM_ 08 | 46 | 40 | 59 | 251 | 138 | 68 | 2,276 | WCM_0804 KRLY | TC074 M4x10 | |
| U198 | ● | 47 D3 WCM_ 08 | 47 | 40 | 59 | 254 | 141 | 68 | 1,919 | | | |
| U200 | ● | 48 D3 WCM_ 08 | 48 | 40 | 59 | 258 | 144 | 68 | 2,486 | | | |
| U201 | ● | 49 D3 WCM_ 08 | 49 | 40 | 59 | 261 | 147 | 68 | 5,562 | | | |
| U202 | ● | 50 D3 WCM_ 08 | 50 | 40 | 59 | 265 | 150 | 68 | 2,725 | | | |
| U203 | ● | 51 D3 WCM_ 08 | 51 | 40 | 59 | 268 | 153 | 68 | 2,537 | | | |
| U205 | ● | 52 D3 WCM_ 08 | 52 | 40 | 59 | 271 | 156 | 68 | 2,655 | | | |
| U207 | ● | 53 D3 WCM_ 08 | 53 | 40 | 59 | 274 | 159 | 68 | 2,740 | | | |
| U209 | ● | 54 D3 WCM_ 08 | 54 | 40 | 59 | 277 | 162 | 68 | 3,210 | | | |
| U211 | ● | 55 D3 WCM_ 08 | 55 | 40 | 59 | 280 | 165 | 68 | 3,237 | | | |

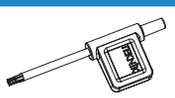
*KRLY ucuna uygundur. / Compatible with KRLY insert. / Kompatible für KRLY WP*

● *Stokta/ In Stock / Lager* ○ *Sınırlı Stok / Limited Stock / Begrenzte Lagerhaltung*

## D4 WCM_



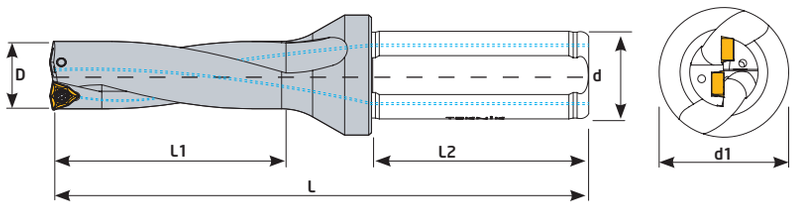


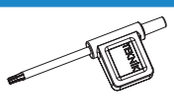

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | d | d1 | L | L1 | L2 | kg |  |  |  |
| U600 | ● | 16 D4 WCM_ 03 | 16 | 25 | 34 | 140 | 64 | 56 | 0,324 | WCM_0302 KRLY | TC060 M2,5x5,5 | T8 |
| U602 | ● | 17 D4 WCM_ 03 | 17 | 25 | 34 | 144 | 68 | 56 | 0,328 | | | |
| U604 | ● | 18 D4 WCM_ 03 | 18 | 25 | 34 | 149 | 72 | 56 | 0,355 | | | |
| U606 | ● | 19 D4 WCM_ 03 | 19 | 25 | 34 | 153 | 76 | 56 | 0,357 | | | |
| U608 | ● | 20 D4 WCM_ 04 | 20 | 25 | 34 | 159 | 80 | 56 | 0,383 | WCM_0402 KRLY | TC060 M2,5x5,5 | T8 |
| U610 | ● | 21 D4 WCM_ 04 | 21 | 25 | 34 | 163 | 84 | 56 | 0,411 | | | |
| U612 | ● | 22 D4 WCM_ 04 | 22 | 25 | 34 | 167 | 88 | 56 | 0,430 | | | |
| U614 | ● | 23 D4 WCM_ 04 | 23 | 25 | 34 | 173 | 92 | 56 | 0,464 | | | |
| U616 | ● | 24 D4 WCM_ 05 | 24 | 25 | 34 | 178 | 96 | 56 | 0,425 | WCM_0503 KRLY | TC065 M3x7 | T8 |
| U618 | ● | 25 D4 WCM_ 05 | 25 | 25 | 34 | 183 | 100 | 56 | 0,526 | | | |
| U620 | ● | 26 D4 WCM_ 05 | 26 | 25 | 34 | 187 | 104 | 56 | 0,542 | | | |
| U622 | ● | 27 D4 WCM_ 05 | 27 | 25 | 34 | 191 | 108 | 56 | 0,580 | | | |
| U624 | ● | 28 D4 WCM_ 05 | 28 | 25 | 39 | 196 | 112 | 56 | 0,662 | | | |
| U626 | ● | 29 D4 WCM_ 05 | 29 | 25 | 39 | 200 | 116 | 56 | 0,680 | | | |
| U628 | ● | 30 D4 WCM_ 06 | 30 | 32 | 44 | 211 | 120 | 58 | 0,912 | WCM_06T3 KRLY | TC067 M3,5x8,5 | T15 |
| U631 | ● | 31 D4 WCM_ 06 | 31 | 32 | 44 | 216 | 124 | 58 | 0,981 | | | |
| U632 | ● | 32 D4 WCM_ 06 | 32 | 32 | 44 | 220 | 128 | 58 | 1,046 | | | |
| U633 | ● | 33 D4 WCM_ 06 | 33 | 32 | 44 | 225 | 132 | 58 | 1,102 | | | |
| U634 | ● | 34 D4 WCM_ 06 | 34 | 32 | 44 | 229 | 136 | 58 | 1,111 | | | |
| U635 | ● | 35 D4 WCM_ 06 | 35 | 32 | 44 | 234 | 140 | 58 | 1,187 | | | |
| U636 | ● | 36 D4 WCM_ 06 | 36 | 32 | 44 | 239 | 144 | 58 | 1,172 | | | |
| U637 | ● | 37 D4 WCM_ 06 | 37 | 32 | 44 | 244 | 148 | 58 | 1,260 | | | |
| U638 | ● | 38 D4 WCM_ 06 | 38 | 32 | 44 | 249 | 152 | 58 | 1,430 | | | |
| U639 | ● | 39 D4 WCM_ 06 | 39 | 32 | 44 | 253 | 156 | 58 | 1,380 | | | |
| U640 | ● | 40 D4 WCM_ 06 | 40 | 32 | 44 | 258 | 160 | 58 | 1,460 | | | |

*KRLY ucuna uygundur. / Compatible with KRLY insert. / Kompatible für KRLY WP*

## D5 WCM_





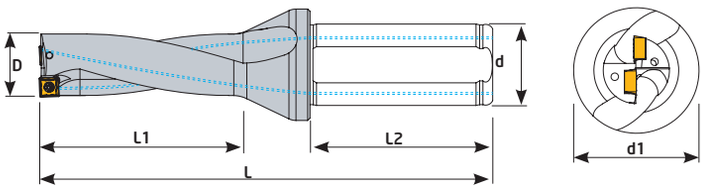

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | d | d1 | L | L1 | L2 | kg |  |  |  |
| U776 | ○ | 16 D5 WCM_ 03 | 16 | 25 | 34 | 156 | 80 | 56 | 0,378 | WCM_0302 KRLY | TC060 M2,5x5,5 | T8 |
| U777 | ○ | 17 D5 WCM_ 03 | 17 | 25 | 34 | 161 | 85 | 56 | 0,468 | | | |
| U778 | ○ | 18 D5 WCM_ 03 | 18 | 25 | 34 | 167 | 90 | 56 | 0,471 | | | |
| U779 | ○ | 19 D5 WCM_ 03 | 19 | 25 | 34 | 172 | 95 | 56 | 0,397 | | | |
| U780 | ○ | 20 D5 WCM_ 04 | 20 | 25 | 34 | 179 | 100 | 56 | 0,421 | WCM_0402 KRLY | TC060 M2,5x5,5 | T8 |
| U781 | ○ | 21 D5 WCM_ 04 | 21 | 25 | 34 | 184 | 105 | 56 | 0,451 | | | |
| U782 | ○ | 22 D5 WCM_ 04 | 22 | 25 | 34 | 190 | 110 | 56 | 0,470 | | | |
| U783 | ○ | 23 D5 WCM_ 04 | 23 | 25 | 34 | 196 | 115 | 56 | 0,504 | | | |
| U784 | ○ | 24 D5 WCM_ 05 | 24 | 25 | 34 | 202 | 120 | 56 | 0,465 | WCM_0503 KRLY | TC065 M3x7 | T8 |
| U785 | ○ | 25 D5 WCM_ 05 | 25 | 25 | 34 | 208 | 125 | 56 | 0,678 | | | |
| U786 | ○ | 26 D5 WCM_ 05 | 26 | 25 | 34 | 213 | 130 | 56 | 0,620 | | | |
| U787 | ○ | 27 D5 WCM_ 05 | 27 | 25 | 34 | 218 | 135 | 56 | 0,620 | | | |
| U788 | ○ | 28 D5 WCM_ 05 | 28 | 25 | 39 | 224 | 140 | 56 | 0,742 | | | |
| U789 | ○ | 29 D5 WCM_ 05 | 29 | 25 | 39 | 229 | 145 | 56 | 0,760 | | | |
| U790 | ○ | 30 D5 WCM_ 06 | 30 | 32 | 44 | 241 | 150 | 58 | 0,992 | WCM_06T3 KRLY | TC067 M3,5x8,5 | T15 |
| U791 | ○ | 31 D5 WCM_ 06 | 31 | 32 | 44 | 246 | 155 | 58 | 1,061 | | | |
| U792 | ○ | 32 D5 WCM_ 06 | 32 | 32 | 44 | 252 | 160 | 58 | 1,126 | | | |
| U793 | ○ | 33 D5 WCM_ 06 | 33 | 32 | 44 | 258 | 165 | 58 | 1,182 | | | |
| U794 | ○ | 34 D5 WCM_ 06 | 34 | 32 | 44 | 263 | 170 | 58 | 1,191 | | | |
| U795 | ○ | 35 D5 WCM_ 06 | 35 | 32 | 44 | 269 | 175 | 58 | 1,227 | | | |
| U796 | ○ | 36 D5 WCM_ 06 | 36 | 32 | 44 | 275 | 180 | 58 | 1,172 | | | |
| U797 | ○ | 37 D5 WCM_ 06 | 37 | 32 | 44 | 281 | 185 | 58 | 1,300 | | | |
| U798 | ○ | 38 D5 WCM_ 06 | 38 | 32 | 44 | 287 | 190 | 58 | 1,480 | | | |
| U799 | ○ | 39 D5 WCM_ 06 | 39 | 32 | 44 | 292 | 195 | 58 | 1,520 | | | |
| U800 | ○ | 40 D5 WCM_ 06 | 40 | 32 | 44 | 298 | 200 | 58 | 1,490 | | | |

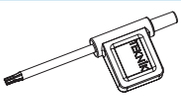
*KRLY ucuna uygundur. / Compatible with KRLY insert. / Kompatible für KRLY WP*

● *Stokta/ In Stock / Lager* ○ *Sınırlı Stok / Limited Stock / Begrenzte Lagerhaltung*

## D2 SPMG



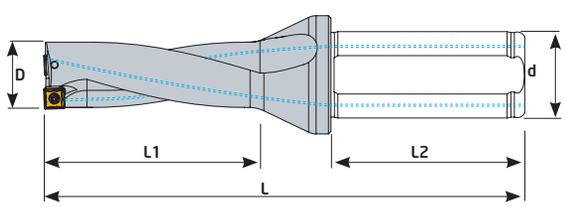



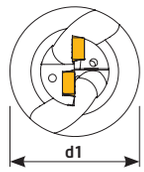

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | d | d1 | L | L1 | L2 | kg |  |  |  |
| U913 | ● | 13 D2 SPMG 05 | 13 | 20 | 25 | 94 | 26 | 50 | 0,145 | SPMG 0502 TGTC YG-1 | TC058 M2x4,2 | T6 |
| U914 | ● | 14 D2 SPMG 05 | 14 | 20 | 25 | 96 | 28 | 50 | 0,152 | | | |
| U915 | ● | 15 D2 SPMG 05 | 15 | 20 | 25 | 99 | 30 | 50 | 0,157 | | | |
| U916 | ● | 16 D2 SPMG 06 | 16 | 25 | 34 | 108 | 32 | 56 | 0,275 | SPMG 0602 TGTC YG-1 | TC059 M2,2x5 | T7 |
| U917 | ● | 17 D2 SPMG 06 | 17 | 25 | 34 | 110 | 34 | 56 | 0,291 | | | |
| U918 | ● | 18 D2 SPMG 06 | 18 | 25 | 34 | 113 | 36 | 56 | 0,302 | | | |
| U919 | ● | 19 D2 SPMG 06 | 19 | 25 | 34 | 115 | 38 | 56 | 0,329 | | | |
| U920 | ● | 20 D2 SPMG 06 | 20 | 25 | 34 | 119 | 40 | 56 | 0,334 | | | |
| U921 | ● | 21 D2 SPMG 06 | 21 | 25 | 34 | 121 | 42 | 56 | 0,338 | | | |
| U922 | ● | 22 D2 SPMG 07 | 22 | 25 | 34 | 123 | 44 | 56 | 0,340 | SPMG 07T3 TGTC YG-1 | TC063 M2,5x7 | T8 |
| U923 | ● | 23 D2 SPMG 07 | 23 | 25 | 34 | 127 | 46 | 56 | 0,354 | | | |
| U924 | ● | 24 D2 SPMG 07 | 24 | 25 | 34 | 130 | 48 | 56 | 0,382 | | | |
| U925 | ● | 25 D2 SPMG 07 | 25 | 25 | 34 | 133 | 50 | 56 | 0,450 | | | |
| U926 | ● | 26 D2 SPMG 07 | 26 | 25 | 34 | 135 | 52 | 56 | 0,423 | | | |
| U927 | ● | 27 D2 SPMG 07 | 27 | 25 | 34 | 137 | 54 | 56 | 0,435 | | | |
| U928 | ● | 28 D2 SPMG 09 | 28 | 25 | 39 | 140 | 56 | 56 | 0,500 | SPMG 0904 TGTC YG-1 | TC067 M3,5x8,5 | T10 |
| U929 | ● | 29 D2 SPMG 09 | 29 | 25 | 39 | 142 | 58 | 56 | 0,535 | | | |
| U930 | ● | 30 D2 SPMG 09 | 30 | 32 | 44 | 151 | 60 | 58 | 0,735 | | | |
| U931 | ● | 31 D2 SPMG 09 | 31 | 32 | 44 | 154 | 62 | 58 | 0,766 | | | |
| U932 | ● | 32 D2 SPMG 09 | 32 | 32 | 44 | 156 | 64 | 58 | 0,781 | | | |
| U933 | ● | 33 D2 SPMG 09 | 33 | 32 | 44 | 159 | 66 | 58 | 0,815 | | | |
| U934 | ● | 34 D2 SPMG 11 | 34 | 32 | 44 | 161 | 68 | 58 | 0,784 | SPMG 1104 TGTC YG-1 | TC074 M4x10 | T15 |
| U935 | ● | 35 D2 SPMG 11 | 35 | 32 | 44 | 164 | 70 | 58 | 0,845 | | | |
| U936 | ● | 36 D2 SPMG 11 | 36 | 32 | 44 | 167 | 72 | 58 | 0,893 | | | |
| U937 | ● | 37 D2 SPMG 11 | 37 | 32 | 44 | 170 | 74 | 58 | 0,931 | | | |
| U938 | ● | 38 D2 SPMG 11 | 38 | 32 | 44 | 173 | 76 | 58 | 0,992 | | | |
| U939 | ● | 39 D2 SPMG 11 | 39 | 32 | 44 | 175 | 78 | 58 | 1,007 | | | |
| U940 | ● | 40 D2 SPMG 11 | 40 | 32 | 44 | 178 | 80 | 58 | 1,020 | | | |

*TGTC-YG-1 ucuna uygundur. / Compatible with TGTC-YG-1 insert. / Kompatible für TGTC-YG-1 WP*

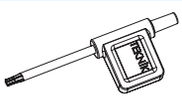
## D3 SPMG







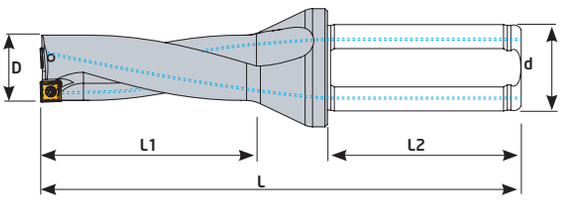

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | d | d1 | L | L1 | L2 | kg |  |  |  |
| U812 | ● | 12,5 D3 SPMG 05 | 12,5 | 20 | 12 | 106 | 38 | 50 | 0,158 | SPMG 0502 TGTC YG-1 | TC058 M2x4,2 | T6 |
| U813 | ● | 13 D3 SPMG 05 | 13 | 20 | 25 | 107 | 39 | 50 | 0,164 | | | |
| U813-1 | ● | 13,5 D3 SPMG 05 | 13,5 | 20 | 25 | 107 | 39 | 50 | 0,167 | | | |
| U814 | ● | 14 D3 SPMG 05 | 14 | 20 | 25 | 110 | 42 | 50 | 0,170 | | | |
| U814-1 | ● | 14,5 D3 SPMG 05 | 14,5 | 20 | 25 | 110 | 42 | 50 | 0,170 | | | |
| U815 | ● | 15 D3 SPMG 05 | 15 | 20 | 25 | 114 | 45 | 50 | 0,175 | | | |
| U815-1 | ● | 15,5 D3 SPMG 05 | 15,5 | 20 | 25 | 114 | 45 | 50 | 0,175 | | | |
| U816 | ● | 16 D3 SPMG 06 | 16 | 25 | 34 | 124 | 48 | 56 | 0,302 | SPMG 0602 TGTC YG-1 | TC059 M2,2x5 | T7 |
| U816-1 | ● | 16,5 D3 SPMG 06 | 16,5 | 25 | 34 | 124 | 48 | 56 | 0,302 | | | |
| U817 | ● | 17 D3 SPMG 06 | 17 | 25 | 34 | 127 | 51 | 56 | 0,318 | | | |
| U817-1 | ● | 17,5 D3 SPMG 06 | 17,5 | 25 | 34 | 127 | 51 | 56 | 0,318 | | | |
| U818 | ● | 18 D3 SPMG 06 | 18 | 25 | 34 | 131 | 54 | 56 | 0,327 | | | |
| U818-1 | ● | 18,5 D3 SPMG 06 | 18,5 | 25 | 34 | 131 | 54 | 56 | 0,327 | | | |
| U819 | ● | 19 D3 SPMG 06 | 19 | 25 | 34 | 134 | 57 | 56 | 0,330 | | | |
| U819-1 | ● | 19,5 D3 SPMG 06 | 19,5 | 25 | 34 | 134 | 57 | 56 | 0,330 | | | |
| U820 | ● | 20 D3 SPMG 06 | 20 | 25 | 34 | 139 | 60 | 56 | 0,347 | | | |
| U820-1 | ● | 20,5 D3 SPMG 06 | 20,5 | 25 | 34 | 139 | 60 | 56 | 0,350 | | | |
| U821 | ● | 21 D3 SPMG 06 | 21 | 25 | 34 | 142 | 63 | 56 | 0,377 | | | |
| U821-1 | ● | 21,5 D3 SPMG 06 | 21,5 | 25 | 34 | 142 | 63 | 56 | 0,377 | | | |
| U822 | ● | 22 D3 SPMG 07 | 22 | 25 | 34 | 145 | 66 | 56 | 0,375 | SPMG 07T3 TGTC YG-1 | TC063 M2,5x7 | T8 |
| U822-1 | ● | 22,5 D3 SPMG 07 | 22,5 | 25 | 34 | 145 | 66 | 56 | 0,375 | | | |
| U823 | ● | 23 D3 SPMG 07 | 23 | 25 | 34 | 150 | 69 | 56 | 0,407 | | | |
| U823-1 | ● | 23,5 D3 SPMG 07 | 23,5 | 25 | 34 | 150 | 69 | 56 | 0,412 | | | |
| U824 | ● | 24 D3 SPMG 07 | 24 | 25 | 34 | 154 | 72 | 56 | 0,446 | | | |
| U824-1 | ● | 24,5 D3 SPMG 07 | 24,5 | 25 | 34 | 154 | 72 | 56 | 0,452 | | | |
| U825 | ● | 25 D3 SPMG 07 | 25 | 25 | 34 | 158 | 75 | 56 | 0,460 | | | |
| U825-1 | ● | 25,5 D3 SPMG 07 | 25,5 | 25 | 34 | 158 | 75 | 56 | 0,467 | | | |
| U826 | ● | 26 D3 SPMG 07 | 26 | 25 | 34 | 161 | 78 | 56 | 0,481 | | | |
| U826-1 | ● | 26,5 D3 SPMG 07 | 26,5 | 25 | 34 | 161 | 78 | 56 | 0,487 | | | |
| U827 | ● | 27 D3 SPMG 07 | 27 | 25 | 34 | 164 | 81 | 56 | 0,504 | | | |
| U827-1 | ● | 27,5 D3 SPMG 07 | 27,5 | 25 | 34 | 164 | 81 | 56 | 0,511 | | | |

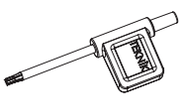
*TGTC-YG-1 ucuna uygundur. / Compatible with TGTC-YG-1 insert. / Kompatible für TGTC-YG-1 WP*

● *Stokta/ In Stock / Lager* ○ *Sınırlı Stok / Limited Stock / Begrenzte Lagerhaltung*

## D3 SPMG



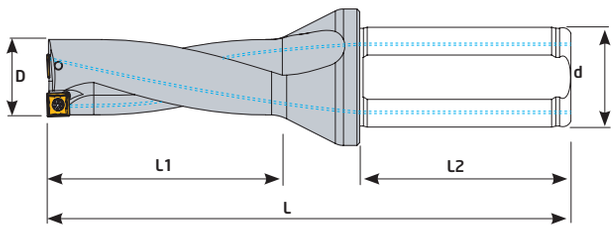


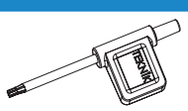

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | d | d1 | L | L1 | L2 | kg |  |  |  |
| U828 | ● | 28 D3 SPMG 09 | 28 | 25 | 39 | 168 | 84 | 56 | 0,562 | SPMG 0904 TGTC YG-1 | TC067 M3,5x8,5 | T15 |
| U828-1 | ● | 28,5 D3 SPMG 09 | 28,5 | 25 | 39 | 168 | 84 | 56 | 0,572 | | | |
| U829 | ● | 29 D3 SPMG 09 | 29 | 25 | 39 | 171 | 87 | 56 | 0,580 | | | |
| U829-1 | ● | 29,5 D3 SPMG 09 | 29,5 | 25 | 39 | 171 | 87 | 56 | 0,585 | | | |
| U830 | ● | 30 D3 SPMG 09 | 30 | 32 | 44 | 181 | 90 | 58 | 0,823 | | | |
| U831 | ● | 31 D3 SPMG 09 | 31 | 32 | 44 | 185 | 93 | 58 | 0,884 | | | |
| U832 | ● | 32 D3 SPMG 09 | 32 | 32 | 44 | 188 | 96 | 58 | 0,923 | | | |
| U833 | ● | 33 D3 SPMG 09 | 33 | 32 | 44 | 192 | 99 | 58 | 0,920 | | | |
| U834 | ● | 34 D3 SPMG 11 | 34 | 32 | 44 | 195 | 102 | 58 | 0,943 | SPMG 1104 TGTC YG-1 | TC074 M4x10 | T15 |
| U835 | ● | 35 D3 SPMG 11 | 35 | 32 | 44 | 199 | 105 | 58 | 0,960 | | | |
| U836 | ● | 36 D3 SPMG 11 | 36 | 32 | 44 | 203 | 108 | 58 | 1,043 | | | |
| U837 | ● | 37 D3 SPMG 11 | 37 | 32 | 44 | 207 | 111 | 58 | 1,057 | | | |
| U838 | ● | 38 D3 SPMG 11 | 38 | 32 | 44 | 211 | 114 | 58 | 1,062 | | | |
| U839 | ● | 39 D3 SPMG 11 | 39 | 32 | 44 | 214 | 117 | 58 | 1,155 | | | |
| U840 | ● | 40 D3 SPMG 11 | 40 | 32 | 44 | 218 | 120 | 58 | 1,238 | | | |

*TGTC-YG-1 ucuna uygundur. / Compatible with TGTC-YG-1 insert. / Kompatible für TGTC-YG-1 WP*

## D4 SPMG





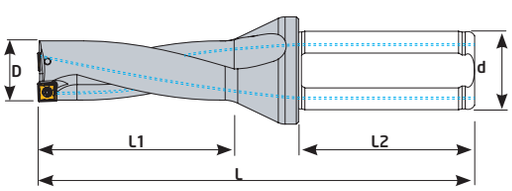

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | d | d1 | L | L1 | L2 | kg |  |  |  |
| U713 | ● | 13 D4 SPMG 05 | 13 | 20 | 25 | 120 | 52 | 50 | 0,170 | SPMG 0502 TGTC YG-1 | TC058 M2x4,2 | T6 |
| U714 | ● | 14 D4 SPMG 05 | 14 | 20 | 25 | 124 | 56 | 50 | 0,180 | | | |
| U715 | ● | 15 D4 SPMG 05 | 15 | 20 | 25 | 129 | 60 | 50 | 0,190 | | | |
| U716 | ● | 16 D4 SPMG 06 | 16 | 25 | 34 | 140 | 64 | 56 | 0,330 | SPMG 0602 TGTC YG-1 | TC059 M2,2x5 | T7 |
| U717 | ● | 17 D4 SPMG 06 | 17 | 25 | 34 | 144 | 68 | 56 | 0,333 | | | |
| U718 | ● | 18 D4 SPMG 06 | 18 | 25 | 34 | 149 | 72 | 56 | 0,350 | | | |
| U719 | ● | 19 D4 SPMG 06 | 19 | 25 | 34 | 153 | 76 | 56 | 0,357 | | | |
| U720 | ● | 20 D4 SPMG 06 | 20 | 25 | 34 | 159 | 80 | 56 | 0,383 | | | |
| U721 | ● | 21 D4 SPMG 06 | 21 | 25 | 34 | 163 | 84 | 56 | 0,387 | | | |
| U722 | ● | 22 D4 SPMG 07 | 22 | 25 | 34 | 167 | 88 | 56 | 0,417 | SPMG 07T3 TGTC YG-1 | TC063 M2,5x7 | T8 |
| U723 | ● | 23 D4 SPMG 07 | 23 | 25 | 34 | 173 | 92 | 56 | 0,448 | | | |
| U724 | ● | 24 D4 SPMG 07 | 24 | 25 | 34 | 178 | 96 | 56 | 0,460 | | | |
| U725 | ● | 25 D4 SPMG 07 | 25 | 25 | 34 | 183 | 100 | 56 | 0,505 | | | |
| U726 | ● | 26 D4 SPMG 07 | 26 | 25 | 34 | 187 | 104 | 56 | 0,539 | | | |
| U727 | ● | 27 D4 SPMG 07 | 27 | 25 | 34 | 191 | 108 | 56 | 0,561 | | | |
| U728 | ● | 28 D4 SPMG 09 | 28 | 25 | 39 | 196 | 112 | 56 | 0,642 | SPMG 0904 TGTC YG-1 | TC067 M3,5x8,5 | T15 |
| U729 | ● | 29 D4 SPMG 09 | 29 | 25 | 39 | 200 | 116 | 56 | 0,646 | | | |
| U730 | ● | 30 D4 SPMG 09 | 30 | 32 | 44 | 211 | 120 | 58 | 0,930 | | | |
| U731 | ● | 31 D4 SPMG 09 | 31 | 32 | 44 | 216 | 124 | 58 | 0,974 | | | |
| U732 | ● | 32 D4 SPMG 09 | 32 | 32 | 44 | 220 | 128 | 58 | 1,014 | | | |
| U733 | ● | 33 D4 SPMG 09 | 33 | 32 | 44 | 225 | 132 | 58 | 1,050 | | | |
| U734 | ● | 34 D4 SPMG 11 | 34 | 32 | 44 | 229 | 136 | 58 | 1,040 | SPMG 1104 TGTC YG-1 | TC074 M4x10 | T15 |
| U735 | ● | 35 D4 SPMG 11 | 35 | 32 | 44 | 234 | 140 | 58 | 1,155 | | | |
| U736 | ● | 36 D4 SPMG 11 | 36 | 32 | 44 | 239 | 144 | 58 | 1,185 | | | |
| U737 | ● | 37 D4 SPMG 11 | 37 | 32 | 44 | 244 | 148 | 58 | 1,232 | | | |
| U738 | ● | 38 D4 SPMG 11 | 38 | 32 | 44 | 249 | 152 | 58 | 1,320 | | | |
| U739 | ● | 39 D4 SPMG 11 | 39 | 32 | 44 | 253 | 156 | 58 | 1,356 | | | |
| U740 | ● | 40 D4 SPMG 11 | 40 | 32 | 44 | 258 | 160 | 58 | 1,421 | | | |

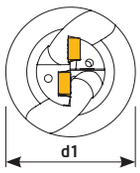
*TGTC-YG-1 ucuna uygundur. / Compatible with TGTC-YG-1 insert. / Kompatible für TGTC-YG-1 WP*

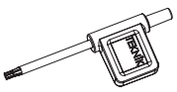
● *Stokta/ In Stock / Lager* ○ *Sınırlı Stok / Limited Stock / Begrenzte Lagerhaltung*

## D3 SPMT





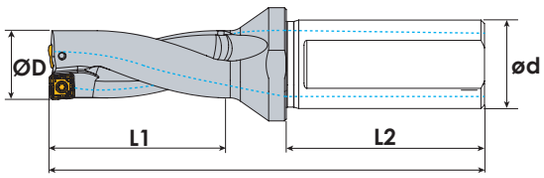

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | d | d1 | L | L1 | L2 | kg |  |  |  |
| U004 | ● | 13 D3 SPMT 05 | 13 | 20 | 25 | 107 | 39 | 50 | 0,154 | SPMT 0502 KRLY | TC058 M2x4,2 | T6 |
| U006 | ● | 14 D3 SPMT 05 | 14 | 20 | 25 | 110 | 42 | 50 | 0,158 | | | |
| U008 | ● | 15 D3 SPMT 05 | 15 | 20 | 25 | 114 | 45 | 50 | 0,168 | | | |
| U010 | ● | 16 D3 SPMT 06 | 16 | 25 | 34 | 124 | 48 | 56 | 0,308 | SPMT 0602 KRLY | TC059 M2,2x5 | T7 |
| U012 | ● | 17 D3 SPMT 06 | 17 | 25 | 34 | 127 | 51 | 56 | 0,313 | | | |
| U014 | ● | 18 D3 SPMT 06 | 18 | 25 | 34 | 131 | 54 | 56 | 0,327 | | | |
| U016 | ● | 19 D3 SPMT 06 | 19 | 25 | 34 | 134 | 57 | 56 | 0,350 | | | |
| U018 | ● | 20 D3 SPMT 07 | 20 | 25 | 34 | 139 | 60 | 56 | 0,353 | SPMT 0702 KRLY | TC063 M2,5x7 | T8 |
| U020 | ● | 21 D3 SPMT 07 | 21 | 25 | 34 | 142 | 63 | 56 | 0,395 | | | |

*KRLY ucuna uygundur. / Compatible with KRLY insert. / Kompatible für KRLY WP*



## D3 SOMT







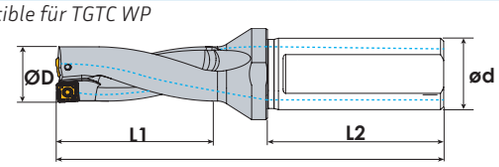


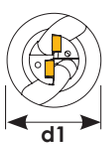
| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* D | d | d1 | L | L1 | L2 | kg | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| U300 | ○ | 13 D3 SOMT 05 | 13 | 20 | 25 | 111 | 39 | 50 | 0,157 | SOMT 0502 TGTC | TC058 M2x4,2 | T6 |
| U302 | ○ | 14 D3 SOMT 05 | 14 | 20 | 25 | 114 | 42 | 50 | 0,165 | | | |
| U303 | ○ | 14,5 D3 SOMT 05 | 14,5 | 20 | 25 | 114 | 42 | 50 | 0,170 | | | |
| U304 | ○ | 15 D3 SOMT 05 | 15 | 20 | 25 | 117 | 45 | 50 | 0,175 | | | |
| U305 | ○ | 15,5 D3 SOMT 05 | 15,5 | 20 | 25 | 117 | 45 | 50 | 0,175 | | | |
| U306 | ○ | 16 D3 SOMT 05 | 16 | 25 | 34 | 126 | 48 | 56 | 0,302 | | | |
| U307 | ○ | 16,5 D3 SOMT 06 | 16,5 | 25 | 34 | 126 | 48 | 56 | 0,302 | SOMT 0602 TGTC | TC059 M2,2x5 | T7 |
| U308 | ○ | 17 D3 SOMT 06 | 17 | 25 | 34 | 129 | 51 | 56 | 0,318 | | | |
| U309 | ○ | 17,5 D3 SOMT 06 | 17,5 | 25 | 34 | 129 | 51 | 56 | 0,318 | | | |
| U310 | ○ | 18 D3 SOMT 06 | 18 | 25 | 34 | 132 | 54 | 56 | 0,327 | | | |
| U311 | ○ | 18,5 D3 SOMT 06 | 18,5 | 25 | 34 | 132 | 54 | 56 | 0,327 | | | |
| U312 | ○ | 19 D3 SOMT 06 | 19 | 25 | 34 | 135 | 57 | 56 | 0,330 | | | |
| U313 | ○ | 19,5 D3 SOMT 07 | 19,5 | 25 | 34 | 135 | 57 | 56 | 0,330 | SOMT 0703 TGTC | | |
| U314 | ○ | 20 D3 SOMT 07 | 20 | 25 | 34 | 138 | 60 | 56 | 0,347 | | | |
| U315 | ○ | 20,5 D3 SOMT 07 | 20,5 | 25 | 34 | 138 | 60 | 56 | 0,350 | | | |
| U316 | ○ | 21 D3 SOMT 07 | 21 | 25 | 34 | 141 | 63 | 56 | 0,377 | | | |
| U318 | ○ | 22 D3 SOMT 08 | 22 | 25 | 34 | 144 | 66 | 56 | 0,375 | | | |
| U319 | ○ | 22,5 D3 SOMT 08 | 22,5 | 25 | 34 | 144 | 66 | 56 | 0,375 | SOMT 08T3 TGTC | TC063 M2,5x7 | T8 |
| U320 | ○ | 23 D3 SOMT 08 | 23 | 25 | 34 | 147 | 69 | 56 | 0,407 | | | |
| U321 | ○ | 23,5 D3 SOMT 08 | 23,5 | 25 | 34 | 147 | 69 | 56 | 0,412 | | | |
| U322 | ○ | 24 D3 SOMT 08 | 24 | 25 | 34 | 150 | 72 | 56 | 0,446 | | | |
| U323 | ○ | 24,5 D3 SOMT 08 | 24,5 | 25 | 34 | 150 | 72 | 56 | 0,452 | | | |
| U324 | ○ | 25 D3 SOMT 08 | 25 | 25 | 34 | 153 | 75 | 56 | 0,460 | | | |

*TGTC ucuna uygundur. / Compatible with TGTC insert. / Kompatible für TGTC WP*

## D4 SOMT





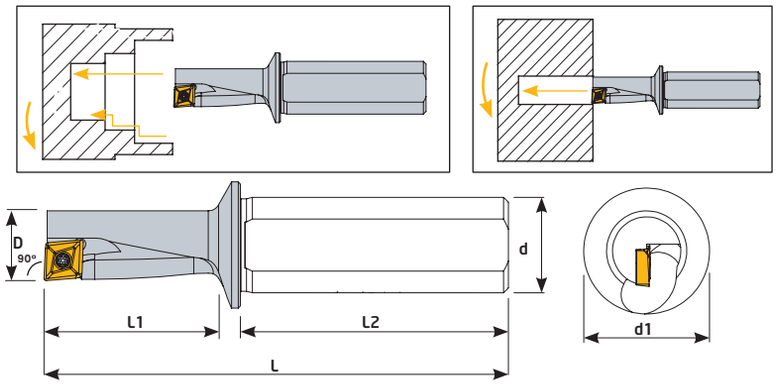

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* D | d | d1 | L | L1 | L2 | kg | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| U402 | ○ | 14 D4 SOMT 05 | 14 | 20 | 25 | 128 | 56 | 50 | 0,170 | SOMT 0502 TGTC | TC058 M2x4,2 | T6 |
| U403 | ○ | 14,5 D4 SOMT 05 | 14,5 | 20 | 25 | 128 | 56 | 50 | 0,175 | | | |
| U406 | ○ | 16 D4 SOMT 05 | 16 | 25 | 34 | 142 | 64 | 56 | 0,322 | | | |
| U408 | ○ | 17 D4 SOMT 06 | 17 | 25 | 34 | 146 | 68 | 56 | 0,338 | SOMT 0602 TGTC | TC059 M2,2x5 | T7 |
| U409 | ○ | 17,5 D4 SOMT 06 | 17,5 | 25 | 34 | 146 | 68 | 56 | 0,348 | | | |
| U410 | ○ | 18 D4 SOMT 06 | 18 | 25 | 34 | 150 | 72 | 56 | 0,347 | | | |
| U412 | ○ | 19 D4 SOMT 06 | 19 | 25 | 34 | 154 | 76 | 56 | 0,350 | | | |
| U414 | ○ | 20 D4 SOMT 07 | 20 | 25 | 34 | 158 | 80 | 56 | 0,387 | SOMT 0703 TGTC | | |
| U416 | ○ | 21 D4 SOMT 07 | 21 | 25 | 34 | 162 | 84 | 56 | 0,417 | | | |
| U418 | ○ | 22 D4 SOMT 07 | 22 | 25 | 34 | 166 | 88 | 56 | 0,425 | | | |
| U420 | ○ | 24 D4 SOMT 08 | 24 | 25 | 34 | 174 | 96 | 56 | 0,486 | SOMT 08T3 TGTC | TC063 M2,5x7 | T8 |
| U422 | ○ | 25 D4 SOMT 08 | 25 | 25 | 34 | 178 | 100 | 56 | 0,498 | | | |

*TGTC ucuna uygundur. / Compatible with TGTC insert. / Kompatible für TGTC WP*

● *Stokta/ In Stock / Lager* ○ *Sınırlı Stok / Limited Stock / Begrenzte Lagerhaltung*

## D2-D3 XCMT-QCMT




| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | d | d1 | L | L1 | L2 | kg | | | |
| U030 | ● | 10 D2,25 QC-- 050204 | 10 | 12 | 16 | 74,5 | 22,5 | 42 | 0,062 | QC-- 050204 KRLY | TC058 M2x4,2 | T6 |
| U032 | ● | 12 D2,25 QC-- 060204 | 12 | 16 | 20 | 85 | 27 | 45 | 0,100 | QC-- 060204 KRLY | TC059 M2,2x5 | T7 |
| U034 | ● | 14 D2,25 QC-- 070304 | 14 | 16 | 20 | 90 | 31,5 | 45 | 0,111 | QC-- 070304 KRLY | TC060 M2,5x5,5 | T8 |
| U036 | ● | 16 D2,25 QC-- 080304 | 16 | 20 | 25 | 100 | 36 | 50 | 0,191 | QC-- 080304 KRLY | TC065 M3x7 | |
| U040 | ● | 20 D2,25 QC-- 10T304 | 20 | 25 | 31 | 116 | 45 | 56 | 0,330 | QC-- 10T304 KRLY | TC067 M3,5x8,5 | T15 |
| U042 | ● | 25 D2,25 QC-- 130404 | 25 | 32 | 39 | 135 | 56,5 | 60 | 0,600 | QC-- 130404 KRLY | TC080 M4,5x11 | |
| U038 | ● | 18 D2,25 XC-- 09T304 | 18 | 25 | 31 | 112 | 40,5 | 56 | 0,356 | XCMT 09T304 ISCR | TC065 M3x7 | T8 |

*KRLY ucuna uygundur. / Compatible with KRLY insert. / Kompatible für KRLY WP*
*QC-- 09T304 ucuna uygundur. / QC-- 09T304 compatible with ISCR insert. / QC-- 09T304 kompatible für ISCR WP*

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | d | d1 | L | L1 | L2 | kg | | | |
| U08 | ● | 8 D2 XC-- 040104 | 8 | 12 | 16 | 68 | 18 | 42 | 0,056 | XCMT 040104 TGTC | TC058 M2x4,2 | T6 |
| U12 | ● | 10 D3 XC-- 050204 | 10 | 16 | 25 | 90 | 30 | 45 | 0,109 | XCMT 050204 TGTC | TC058 M2x4,5 | |
| U14 | ● | 10,5 D3 XC-- 050204 | 10,5 | 16 | 25 | 90 | 31 | 45 | 0,111 | | | |
| U18 | ● | 11,5 D3 XC-- 060204 | 11,5 | 16 | 25 | 92 | 35 | 45 | 0,113 | XCMT 060204 TGTC | TC059 M2,2x5 | T7 |
| U20 | ● | 12 D3 XC-- 060204 | 12 | 16 | 25 | 94 | 36 | 45 | 0,114 | | | |

*TGTC ucuna uygundur. / Compatible with TGTC insert. / Kompatible für TGTC WP*

Alüminyum İçin/For Aluminum/ Für Aluminium

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | D | d | d1 | L | L1 | L2 | kg | | | |
| U32 | ● | 10,5 D3 XC-- 050204 | 10,5 | 16 | 25 | 90 | 31 | 45 | 0,114 | XCGT 050204 TGTC | TC058 M2x4,2 | T6 |
| U34 | ● | 11 D3 XC-- 050204 | 11 | 16 | 25 | 92 | 33 | 45 | 0,112 | | | |
| U36 | ● | 11,5 D3 XC-- 060204 | 11,5 | 16 | 25 | 92 | 35 | 45 | 0,112 | XCGT 060204 TGTC | TC059 M2,2x5 | T7 |

*TGTC ucuna uygundur. / Compatible with TGTC insert. / Kompatible für TGTC WP*

● *Stokta/ In Stock/ Lager* ○ *Sınırlı Stok/ Limited Stock/ Begrenzte Lagerhaltung*

TEKNİK
Cutting Tools

Kanal Kater

# Grooving Holders

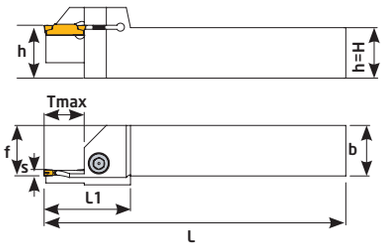
Stech-Klemmhalter



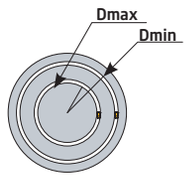

**Technical Solution for Quality**

## KRLY-R





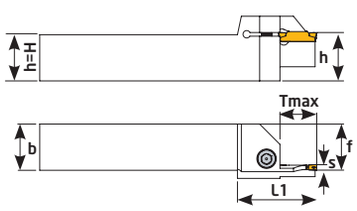


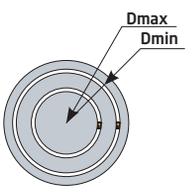

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | | | | Kullanılan Uç *Insert WSP* | Civata *Clamp Screw Inbuss-Schraube* | Anahtar *Allen Key Inbuss-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dmin | Dmax | S | Tmax | f | b | h=H | L | L1 | kg | | | |
| D780 | ● | 2525 3C-R (50-60) | 50 | 60 | 3 | 17 | 25 | 25 | 25 | 150 | 40 | 0,741 | MGM 300 KRLY | TC134 M6x20 | 5 Allen |
| D782 | ● | 2525 3C-R (60-80) | 60 | 80 | 3 | 17 | 25 | 25 | 25 | 150 | 40 | 0,717 | | | |
| D784 | ● | 2525 3C-R (80-110) | 80 | 110 | 3 | 17 | 25 | 25 | 25 | 150 | 40 | 0,720 | | | |
| D785 | ● | 2525 3C-R (110-150) | 110 | 150 | 3 | 17 | 25 | 25 | 25 | 150 | 40 | 0,730 | | | |
| D786 | ● | 2525 4C-R (50-60) | 50 | 60 | 4 | 20 | 25 | 25 | 25 | 150 | 45 | 0,704 | MGM 400 KRLY | | |
| D788 | ● | 2525 4C-R (60-80) | 60 | 80 | 4 | 20 | 25 | 25 | 25 | 150 | 45 | 0,712 | | | |
| D790 | ● | 2525 4C-R (80-110) | 80 | 110 | 4 | 20 | 25 | 25 | 25 | 150 | 45 | 0,701 | | | |
| D791 | ● | 2525 4C-R (110-150) | 110 | 150 | 4 | 20 | 25 | 25 | 25 | 150 | 45 | 0,712 | | | |
| D791-1 | ● | 2525 4C (140-600) | 140 | 600 | 4 | 25 | 25 | 25 | 25 | 150 | 49 | 0,667 | | | |
| D792 | ● | 2525 5C-R (50-80) | 50 | 80 | 5 | 20 | 25 | 25 | 25 | 150 | 45 | 0,721 | MGM 500 KRLY | | |
| D796 | ● | 2525 5C-R (80-110) | 80 | 110 | 5 | 20 | 25 | 25 | 25 | 150 | 45 | 0,716 | | | |
| D798 | ● | 2525 5C-R (110-150) | 110 | 150 | 5 | 20 | 25 | 25 | 25 | 150 | 45 | 0,718 | | | |
| D799-1 | ● | 2525 5C-R (350-500) | 350 | 500 | 5 | 20 | 25 | 25 | 25 | 150 | 45 | 0,713 | | | |
| D799-2 | ● | 2525 5C-R (140-600) | 140 | 600 | 5 | 25 | 25 | 25 | 25 | 150 | 49 | 0,664 | | | |

## KRLY-L







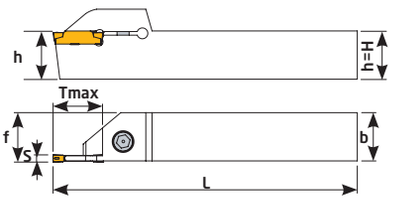

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | | | | Kullanılan Uç *Insert WSP* | Civata *Clamp Screw Inbuss-Schraube* | Anahtar *Allen Key Inbuss-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dmin | Dmax | S | Tmax | f | b | h=H | L | L1 | kg | | | |
| D800 | ● | 2525 3C-L (50-60) | 50 | 60 | 3 | 17 | 25 | 25 | 25 | 150 | 40 | 0,741 | MGM 300 KRLY | TC134 M6x20 | 5 Allen |
| D802 | ● | 2525 3C-L (60-80) | 60 | 80 | 3 | 17 | 25 | 25 | 25 | 150 | 40 | 0,717 | | | |
| D804 | ● | 2525 3C-L (80-110) | 80 | 110 | 3 | 17 | 25 | 25 | 25 | 150 | 40 | 0,720 | | | |
| D805 | ● | 2525 3C-L (110-150) | 110 | 150 | 3 | 17 | 25 | 25 | 25 | 150 | 40 | 0,730 | | | |
| D806 | ● | 2525 4C-L (50-60) | 50 | 60 | 4 | 20 | 25 | 25 | 25 | 150 | 45 | 0,704 | MGM 400 KRLY | | |
| D808 | ● | 2525 4C-L (60-80) | 60 | 80 | 4 | 20 | 25 | 25 | 25 | 150 | 45 | 0,712 | | | |
| D810 | ● | 2525 4C-L (80-110) | 80 | 110 | 4 | 20 | 25 | 25 | 25 | 150 | 45 | 0,700 | | | |
| D811 | ● | 2525 4C-L (110-150) | 110 | 150 | 4 | 20 | 25 | 25 | 25 | 150 | 45 | 0,712 | | | |
| D811-1 | ● | 2525 4C-L (140-600) | 140 | 600 | 4 | 25 | 25 | 25 | 25 | 150 | 49 | 0,667 | | | |
| D812 | ● | 2525 5C-L (50-80) | 50 | 80 | 5 | 20 | 25 | 25 | 25 | 150 | 45 | 0,721 | MGM 500 KRLY | | |
| D816 | ● | 2525 5C-L (80-110) | 80 | 110 | 5 | 20 | 25 | 25 | 25 | 150 | 45 | 0,716 | | | |
| D818 | ● | 2525 5C-L (110-150) | 110 | 150 | 5 | 20 | 25 | 25 | 25 | 150 | 45 | 0,718 | | | |
| D819 | ● | 2525 5C-L (140-600) | 140 | 600 | 5 | 25 | 25 | 25 | 25 | 150 | 49 | 0,664 | | | |
| D819-1 | ● | 2525 5C-L (350-500) | 350 | 500 | 5 | 20 | 25 | 25 | 25 | 150 | 45 | 0,713 | | | |

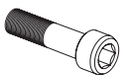
*KRLY ucuna uygundur. / Compatible with KRLY insert. / Kompatible für KRLY WP*

● *Stokta/ In Stock / Lager* ○ *Sınırlı Stok / Limited Stock / Begrenzte Lagerhaltung*

## MGM /R

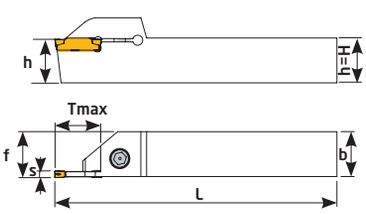


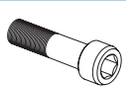



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Inbuss-Schraube* | Anahtar *Allen Key Inbuss-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | h=H | b | S | Tmax | f | L | kg |  |  |  |
| D658 | ● | 1212 2C-R MGM | 12 | 12 | 2 | 16 | 12 | 125 | 0,162 | MGM 200 KRLY | TC131 M5x16 | 4 Allen |
| D660 | ● | 1616 2C-R MGM | 16 | 16 | 2 | 16 | 16 | 125 | 0,250 | | | |
| D662 | ● | 2020 2C-R MGM | 20 | 20 | 2 | 16 | 20 | 125 | 0,404 | | TC132 M5x20 | |
| D664 | ● | 2525 2C-R MGM | 25 | 25 | 2 | 16 | 25 | 150 | 0,726 | | TC134 M6x20 | 5 Allen |
| D666 | ● | 3232 2C-R MGM | 32 | 32 | 2 | 16 | 32 | 170 | 1,349 | | | |
| D667 | ● | 1212 3C-R MGM | 12 | 12 | 3 | 18 | 12 | 125 | 0,162 | MGM 300 KRLY | TC131 M5x16 | 4 Allen |
| D668 | ● | 1616 3C-R MGM | 16 | 16 | 3 | 18 | 16 | 125 | 0,268 | | | |
| D670 | ● | 2020 3C-R MGM | 20 | 20 | 3 | 18 | 20 | 125 | 0,407 | | TC132 M5x20 | |
| D672 | ● | 2525 3C-R MGM | 25 | 25 | 3 | 18 | 25 | 150 | 0,727 | | TC134 M6x20 | 5 Allen |
| D674 | ● | 3232 3C-R MGM | 32 | 32 | 3 | 20 | 32 | 170 | 1,280 | | | |
| D675 | ● | 1616 4C-R MGM | 16 | 16 | 4 | 18 | 16 | 125 | 0,273 | MGM400 KRLY | TC131 M5x16 | 4 Allen |
| D676 | ● | 2020 4C-R MGM | 20 | 20 | 4 | 18 | 20 | 125 | 0,408 | | TC132 M5x20 | |
| D678 | ● | 2525 4C-R MGM | 25 | 25 | 4 | 18 | 25 | 150 | 0,727 | | TC134 M6x20 | 5 Allen |
| D680 | ● | 3232 4C-R MGM | 32 | 32 | 4 | 20 | 32 | 170 | 1,287 | | | |
| D682 | ● | 2020 5C-R MGM | 20 | 20 | 5 | 25 | 20 | 125 | 0,391 | MGM 500 KRLY | TC132 M5x20 | 4 Allen |
| D684 | ● | 2525 5C-R MGM | 25 | 25 | 5 | 25 | 25 | 150 | 0,703 | | TC134 M6x20 | 5 Allen |
| D686 | ● | 3232 5C-R MGM | 32 | 32 | 5 | 25 | 32 | 170 | 1,268 | | TC136 M8x20 | 6 Allen |
| D687 | ● | 2525 6C-R MGM | 25 | 25 | 6 | 27 | 25 | 150 | 0,745 | MGM 600 KRLY | TC134 M6x20 | 5 Allen |

## MGM /R





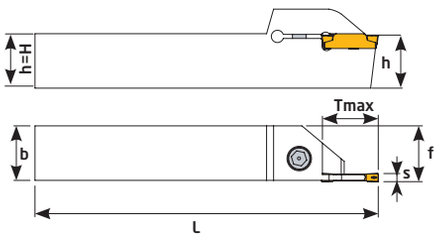

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Inbuss-Schraube* | Anahtar *Allen Key Inbuss-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | h=H | b | S | Tmax | f | L | kg |  |  |  |
| D960 | ● | 2525 3C-R MGM | 25 | 25 | 3 | 25 | 25 | 150 | 0,727 | MGM 300 KRLY | TC134 M6x20 | 5 Allen |
| D963 | ● | 2525 3C-R MGM | 25 | 25 | 3 | 40 | 25 | 170 | 0,722 | | | |
| D961 | ● | 2525 4C-R MGM | 25 | 25 | 4 | 25 | 25 | 150 | 0,727 | MGM 400 KRLY | | |
| D964 | ● | 2525 4C-R MGM | 25 | 25 | 4 | 40 | 25 | 170 | 0,721 | | | |
| D962 | ● | 2525 5C-R MGM | 25 | 25 | 5 | 40 | 25 | 170 | 0,745 | MGM 500 KRLY | | |

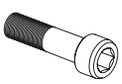
*KRLY ucuna uygundur. / Compatible with KRLY insert. / Kompatible für KRLY WP*

● *Stokta/ In Stock / Lager* ○ *Sınırlı Stok / Limited Stock / Begrenzte Lagerhaltung*

## MGM /L

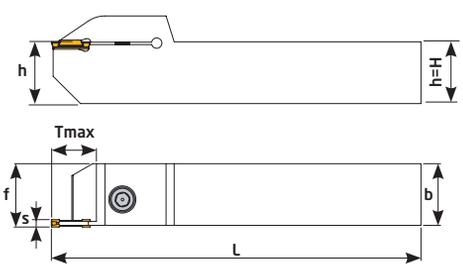





| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Inbuss-Schraube* | Anahtar *Allen Key Inbuss-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | h=H | b | S | Tmax | f | L | kg |  |  |  |
| D607 | ● | 1212 2C-L MGM | 12 | 12 | 2 | 16 | 12 | 125 | 0,161 | MGM 200 KRLY | TC131 M5x16 | 4 Allen |
| D608 | ● | 1616 2C-L MGM | 16 | 16 | 2 | 16 | 16 | 125 | 0,250 | | | |
| D610 | ● | 2020 2C-L MGM | 20 | 20 | 2 | 16 | 20 | 125 | 0,404 | | TC132 M5x20 | |
| D611 | ● | 2525 2C-L MGM | 25 | 25 | 2 | 16 | 25 | 150 | 0,726 | | TC134 M6x20 | 5 Allen |
| D612 | ● | 1616 3C-L MGM | 16 | 16 | 3 | 18 | 16 | 125 | 0,268 | MGM 300 KRLY | TC131 M5x16 | 4 Allen |
| D614 | ● | 2020 3C-L MGM | 20 | 20 | 3 | 18 | 20 | 125 | 0,407 | | TC132 M5x20 | |
| D615 | ● | 2525 3C-L MGM | 25 | 25 | 3 | 18 | 25 | 150 | 0,750 | | TC134 M6x20 | 5 Allen |
| D617 | ● | 2020 4C-L MGM | 20 | 20 | 4 | 18 | 20 | 125 | 0,407 | MGM 400 KRLY | TC132 M5x20 | 4 Allen |
| D618 | ● | 2525 4C-L MGM | 25 | 25 | 4 | 18 | 25 | 150 | 0,727 | | TC134 M6x20 | 5 Allen |
| D620 | ● | 2525 5C-L MGM | 25 | 25 | 5 | 25 | 25 | 150 | 0,703 | MGM 500 KRLY | | |
| D621 | ● | 2525 6C-L MGM | 25 | 25 | 5 | 27 | 25 | 150 | 0,745 | MGM 600 KRLY | | |

## KGMN /R



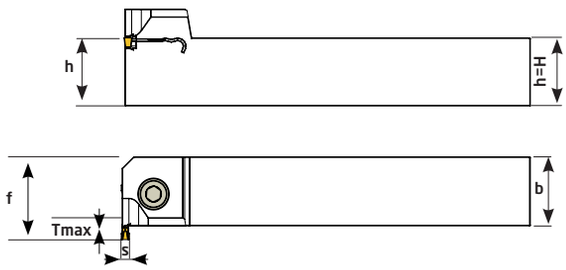


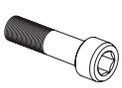

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Inbuss-Schraube* | Anahtar *Allen Key Inbuss-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | h=H | b | S | Tmax | f | L | kg |  |  |  |
| D635 | ● | 2020 2C-R KGMN | 20 | 20 | 2 | 18 | 20 | 125 | 0,412 | KGMN 200 KRLY | TC132 M5x20 | 4 Allen |
| D636 | ● | 2525 2C-R KGMN | 25 | 25 | 2 | 18 | 25 | 150 | 0,726 | | TC134 M6x20 | 5 Allen |
| D637 | ● | 2020 3C-R KGMN | 20 | 20 | 3 | 20 | 20 | 125 | 0,406 | KGMN 300 KRLY | TC132 M5x20 | 4 Allen |
| D638 | ● | 2525 3C-R KGMN | 25 | 25 | 3 | 22 | 25 | 150 | 0,732 | | TC134 M6x20 | 5 Allen |
| D639 | ● | 2020 4C-R KGMN | 20 | 20 | 4 | 20 | 20 | 125 | 0,406 | KGMN 400 KRLY | TC132 M5x20 | 4 Allen |
| D640 | ● | 2525 4C-R KGMN | 25 | 25 | 4 | 22 | 25 | 152 | 0,737 | | TC134 M6x20 | 5 Allen |

*KRLY ucuna uygundur. / Compatible with KRLY insert. / Kompatible für KRLY WP*

## KGMN



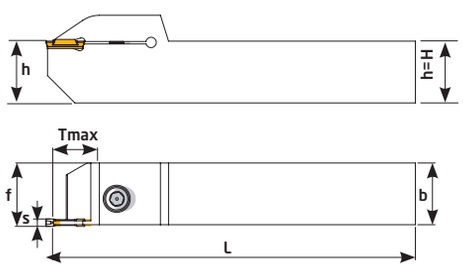


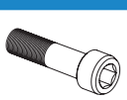

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Inbuss-Schraube* | Anahtar *Allen Key Inbuss-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dmin | h=H | b | S | Tmax | f | L | kg |  |  |  |
| D622 | ● | 2020 2C KGEVR-KGMN | 120 | 20 | 20 | 2 | 3,5 | 23,5 | 125 | 0,412 | KGMN 200 KRLY | TC132 M5x20 | 4 Allen |
| D623 | ● | 2525 2C KGEVR-KGMN | 80 | 25 | 25 | 2 | 3,5 | 28,5 | 150 | 0,833 | | TC134 M6x20 | 5 Allen |
| D624 | ● | 2020 3C KGEVR-KGMN | 120 | 20 | 20 | 3 | 5 | 25 | 125 | 0,468 | KGMN 300 KRLY | TC132 M5x20 | 4 Allen |
| D625 | ● | 2525 3C KGEVR-KGMN | 80 | 25 | 25 | 3 | 5 | 30 | 150 | 0,837 | | TC134 M6x20 | 5 Allen |
| D626 | ● | 2020 4C KGEVR-KGMN | 120 | 20 | 20 | 4 | 5 | 25 | 125 | 0,463 | KGMN 400 KRLY | TC132 M5x20 | 4 Allen |
| D627 | ● | 2525 4C KGEVR-KGMN | 80 | 25 | 25 | 4 | 5 | 30 | 150 | 0,464 | | TC134 M6x20 | 5 Allen |

*KRLY ucuna uygundur. / Compatible with KRLY insert. / Kompatible für KRLY WP*

## GRP /R



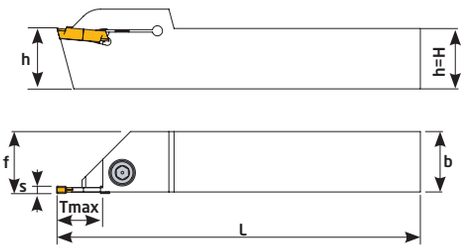


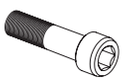

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Inbuss-Schraube* | Anahtar *Allen Key Inbuss-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | h=H | b | S | Tmax | f | L | kg |  |  |  |
| D773 | ● | 2020 3C-R GRP | 20 | 20 | 3 | 18 | 20 | 125 | 0,409 | GRP 3C ISCR | TC132 M5x20 | 4 Allen |
| D769 | ● | 2525 3C-R GRP | 25 | 25 | 3 | 18 | 25 | 150 | 0,755 | | TC134 M6x20 | 5 Allen |
| D770 | ● | 2525 4C-R GRP | 25 | 25 | 4 | 20 | 25 | 150 | 0,747 | GRP 4C ISCR | | |
| D772 | ○ | 3232 4C-R GRP | 32 | 32 | 4 | 18 | 32 | 170 | 1,285 | | | |
| D771 | ● | 2525 5C-R GRP | 25 | 25 | 5 | 24 | 25 | 150 | 0,739 | GRP 5C ISCR | | |
| D774 | ○ | 3232 5C-R GRP | 32 | 32 | 5 | 24 | 32 | 170 | 1,264 | | | |

*ISCR ucuna uygundur. / Compatible with ISCR insert. / Kompatible für ISCR WP*

## ISCR /R

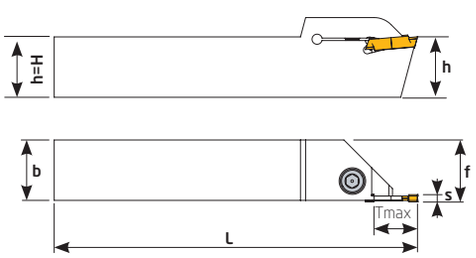



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw In-buss-Schraube* | Anahtar *Allen Key Inbuss-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | h=H | b | S | Tmax | f | L | kg |  |  |  |
| D750 | ● | 1212 2C-R DGN | 12 | 12 | 2 | 16 | 12 | 125 | 0,158 | DGN 2C ISCR | TC131 M5x16 | 4 Allen |
| D752 | ● | 1616 2C-R DGN | 16 | 16 | 2 | 16 | 16 | 125 | 0,260 | | | |
| D754 | ● | 2020 2C-R DGN | 20 | 20 | 2 | 18 | 20 | 125 | 0,398 | | TC132 M5x20 | |
| D756 | ● | 2525 2C-R DGN | 25 | 25 | 2 | 19 | 25 | 150 | 0,712 | | TC134 M6x20 | 5 Allen |
| D758 | ● | 1212 3C-R DGN | 12 | 12 | 3 | 16 | 12 | 125 | 0,160 | DGN 3C ISCR | TC131 M5x16 | 4 Allen |
| D760 | ● | 1616 3C-R DGN | 16 | 16 | 3 | 19 | 16 | 125 | 0,253 | | | |
| D762 | ● | 2020 3C-R DGN | 20 | 20 | 3 | 20 | 20 | 125 | 0,394 | | TC132 M5x20 | |
| D764 | ● | 2525 3C-R DGN | 25 | 25 | 3 | 22 | 25 | 150 | 0,711 | | TC134 M6x20 | 5 Allen |
| D764-1 | ● | 2525 3C-R DGN | 25 | 25 | 3 | 25 | 25 | 150 | 0,711 | | | |
| D775 | ● | 2020 4C-R DGN | 20 | 20 | 4 | 20 | 20 | 125 | 0,391 | DGN 4C ISCR | TC132 M5x20 | 4 Allen |
| D777 | ● | 2525 4C-R DGN | 25 | 25 | 4 | 20 | 25 | 150 | 0,709 | | TC134 M6x20 | 5 Allen |

## ISCR /L



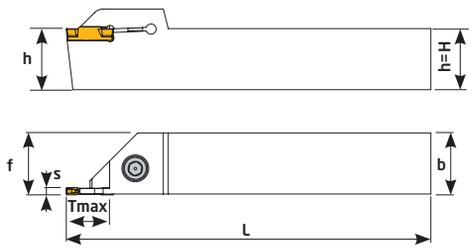



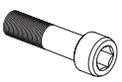

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw In-buss-Schraube* | Anahtar *Allen Key Inbuss-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | h=H | b | S | Tmax | f | L | kg |  |  |  |
| D726 | ● | 1212 2C-L DGN | 12 | 12 | 2 | 16 | 12 | 125 | 0,158 | DGN 2C ISCR | TC131 M5x16 | 4 Allen |
| D727 | ● | 1616 2C-L DGN | 16 | 16 | 2 | 16 | 16 | 125 | 0,260 | | | |
| D728 | ● | 2020 2C-L DGN | 20 | 20 | 2 | 18 | 20 | 125 | 0,398 | | TC132 M5x20 | |
| D729 | ● | 2525 2C-L DGN | 25 | 25 | 2 | 19 | 25 | 150 | 0,712 | | TC134 M6x20 | 5 Allen |
| D730 | ● | 1212-3C-L DGN | 12 | 12 | 3 | 16 | 12 | 125 | 0,160 | DGN 3C ISCR | TC131 M5x16 | 4 Allen |
| D731 | ● | 1616 3C-L DGN | 16 | 16 | 3 | 19 | 16 | 125 | 0,253 | | | |
| D732 | ● | 2020 3C-L DGN | 20 | 20 | 3 | 20 | 20 | 125 | 0,394 | | TC132 M5x20 | |
| D733 | ● | 2525 3C-L DGN | 25 | 25 | 3 | 22 | 25 | 150 | 0,711 | | TC134 M6x20 | 5 Allen |

*ISCR ucuna uygundur. / Compatible with ISCR insert. / Kompatible für ISCR WP*

## ZCC/R ZT-D



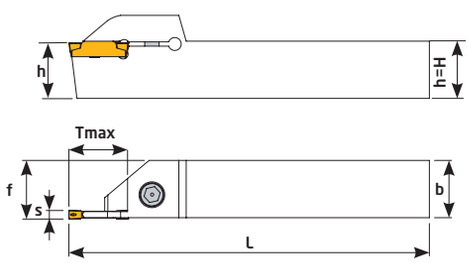



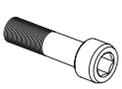

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Inbuss-Schraube* | Anahtar *Allen Key Inbuss-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | h=H | b | S | Tmax | f | L | kg |  |  |  |
| D027 | ● | 1616 3C-R ZT-D | 16 | 16 | 3 | 18 | 16 | 125 | 0,301 | ZT.D 3C ZCC | TC131 M5x16 | 4 Allen |
| D028 | ● | 2020 3C-R ZT-D | 20 | 20 | 3 | 18 | 20 | 125 | 0,394 | | TC132 M5x20 | |
| D030 | ● | 2525 3C-R ZT-D | 25 | 25 | 3 | 22 | 25 | 150 | 0,755 | | TC134 M6x20 | 5 Allen |
| D036 | ● | 2020 4C-R ZT-D | 20 | 20 | 4 | 18 | 20 | 125 | 0,400 | ZT.D 4C ZCC | TC132 M5x20 | 4 Allen |
| D038 | ● | 2525 4C-R ZT-D | 25 | 25 | 4 | 22 | 25 | 150 | 0,747 | | TC134 M6x20 | 5 Allen |
| D044 | ● | 2020 5C-R ZT-D | 20 | 20 | 5 | 18 | 20 | 125 | 0,391 | ZT.D 5C ZCC | TC132 M5x20 | 4 Allen |
| D046 | ● | 2525 5C-R ZT-D | 25 | 25 | 5 | 18 | 25 | 150 | 0,734 | | TC134 M6x20 | 5 Allen |
| D049 | ● | 2525 6C-R ZT-D | 25 | 25 | 6 | 18 | 25 | 150 | 0,745 | ZT.D 6C ZCC | TC134 M6x20 | 5 Allen |
| D051 | ● | 3232 6C-R ZT-D | 32 | 32 | 6 | 20 | 32 | 170 | 1,331 | | | |

*ZCC ucuna uygundur. / Compatible with ZCC insert. / Kompatible für ZCC WP*

## TKT /R TD



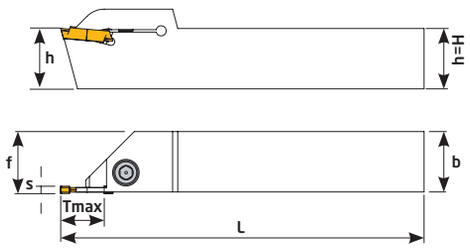

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Inbuss-Schraube* | Anahtar *Allen Key Inbuss-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | h=H | b | S | Tmax | f | L | kg |  |  |  |
| D714 | ● | 1212 2C-R TD | 12 | 12 | 2 | 16 | 12 | 125 | 0,166 | TD 2C TGTC | TC131 M5x16 | 4 Allen |
| D715 | ● | 1616 2C-R TD | 16 | 16 | 2 | 16 | 16 | 125 | 0,270 | | | |
| D716 | ● | 2020 2C-R TD | 20 | 20 | 2 | 16 | 20 | 125 | 0,401 | | TC132 M5x20 | |
| D717 | ● | 2525 2C-R TD | 25 | 25 | 2 | 18 | 25 | 150 | 0,728 | | TC134 M6x20 | 5 Allen |
| D718 | ● | 1212 3C-R TD | 12 | 12 | 2 | 16 | 12 | 125 | 0,160 | TD 3C TGTC | TC131 M5x16 | 4 Allen |
| D719 | ● | 1616 3C-R TD | 16 | 16 | 3 | 18 | 16 | 125 | 0,256 | | | |
| D720 | ● | 2020 3C-R TD | 20 | 20 | 3 | 18 | 20 | 125 | 0,398 | | TC132 M5x20 | |
| D721 | ● | 2525 3C-R TD | 25 | 25 | 3 | 18 | 25 | 150 | 0,735 | | TC134 M6x20 | 5 Allen |
| D722 | ● | 2020 4C-R TD | 20 | 20 | 4 | 18 | 20 | 125 | 0,401 | TD 4C TGTC | TC132 M5x20 | 4 Allen |
| D723 | ● | 2525 4C-R TD | 25 | 25 | 4 | 18 | 25 | 150 | 0,735 | | TC134 M6x20 | 5 Allen |

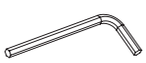
*TGTC ucuna uygundur. / Compatible with TGTC insert. / Kompatible für TGTC WP*

● *Stokta/ In Stock / Lager* ○ *Sınırlı Stok / Limited Stock / Begrenzte Lagerhaltung*

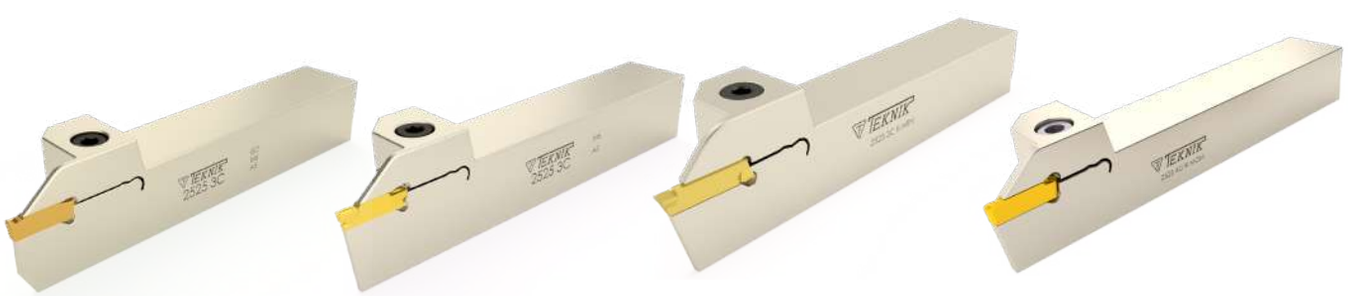
## K-HRN/R S224



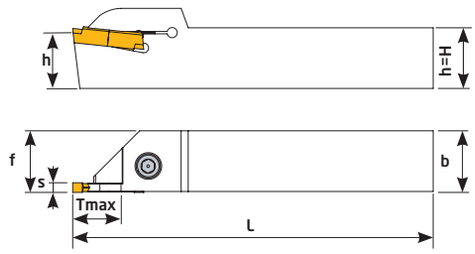

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Inbuss-Schraube* | Anahtar *Allen Key Inbuss-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | h=H | b | S | Tmax | f | L | kg |  |  |  |
| D700 | ● | 1616 2C-R S224 | 16 | 16 | 2 | 18 | 16 | 125 | 0,258 | 2C S224 K-HRN | TC131 M5x16 | 4 Allen |
| D701 | ● | 2020 2C-R S224 | 20 | 20 | 2 | 18 | 20 | 125 | 0,406 | | TC132 M5x20 | |
| D702 | ● | 2525 2C-R S224 | 25 | 25 | 2 | 18 | 25 | 150 | 0,713 | | TC134 M6x20 | 5 Allen |
| D703 | ● | 1616 3C-R S224 | 16 | 16 | 3 | 18 | 16 | 100 | 0,260 | 3C S224 K-HRN | TC131 M5x16 | 4 Allen |
| D704 | ● | 2020 3C-R S224 | 20 | 20 | 3 | 18 | 20 | 125 | 0,407 | | TC132 M5x20 | 4 Allen |
| D705 | ● | 2525 3C-R S224 | 25 | 25 | 3 | 18 | 25 | 150 | 0,720 | | TC134 M6x20 | 5 Allen |
| D706 | ● | 2020 4C-R S224 | 20 | 20 | 4 | 18 | 20 | 125 | 0,401 | 4C S224 K-HRN | TC132 M5x20 | 4 Allen |
| D707 | ● | 2525 4C-R S224 | 25 | 25 | 4 | 18 | 25 | 150 | 0,737 | | TC134 M6x20 | 5 Allen |
| D708 | ● | 2020 5C-R S224 | 20 | 20 | 5 | 18 | 20 | 125 | 0,401 | 5C S224 K-HRN | TC132 M5x20 | 4 Allen |
| D710 | ● | 2525 5C-R S224 | 25 | 25 | 5 | 18 | 25 | 150 | 0,730 | | TC134 M6x20 | 5 Allen |

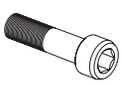
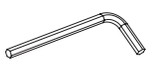
*HRN ucuna uygundur. / Compatible with HRN insert. / Kompatible für HRN WP*



## B-HRN/R S229

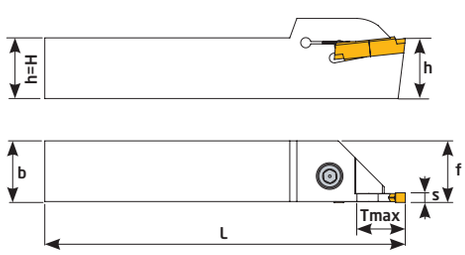


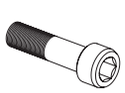
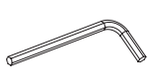



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Inbuss-Schraube* | Anahtar *Allen Key Inbuss-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | h=H | b | S | Tmax | f | L | kg |  |  |  |
| D688 | ● | 2020 3C-R S229 | 20 | 20 | 3 | 22 | 20 | 125 | 0,391 | 3C S229 B-HRN | TC132 M5x20 | 4 Allen |
| D690 | ● | 2525 3C-R S229 | 25 | 25 | 3 | 22 | 25 | 150 | 0,700 | | TC134 M6x20 | 5 Allen |
| D692 | ● | 2020 4C-R S229 | 20 | 20 | 4 | 22 | 20 | 125 | 0,386 | 4C S229 B-HRN | TC132 M5x20 | 4 Allen |
| D694 | ● | 2525 4C-R S229 | 25 | 25 | 4 | 22 | 25 | 150 | 0,705 | | TC134 M6x20 | 5 Allen |
| D696 | ● | 2020 5C-R S229 | 20 | 20 | 5 | 22 | 20 | 125 | 0,389 | 5C S229 B-HRN | TC132 M5x20 | 4 Allen |
| D698 | ● | 2525 5C-R S229 | 25 | 25 | 5 | 22 | 25 | 150 | 0,709 | | TC134 M6x20 | 5 Allen |

## B-HRN/L S229





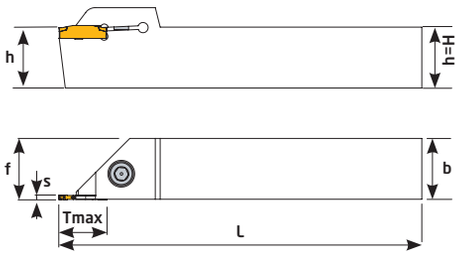

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Inbuss-Schraube* | Anahtar *Allen Key Inbuss-Schlüs-sel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | h=H | b | S | Tmax | f | L | kg |  |  |  |
| D711 | ● | 2525 3C-L S229 | 25 | 25 | 3 | 22 | 25 | 150 | 0,700 | 3C S229 B-HRN | TC134 M6x20 | 5 Allen |
| D712 | ● | 2525 4C-L S229 | 25 | 25 | 4 | 22 | 25 | 150 | 0,705 | 4C S229 B-HRN | | |
| D713 | ● | 2525 5C-L S229 | 25 | 25 | 5 | 22 | 25 | 150 | 0,709 | 5C S229 B-HRN | | |

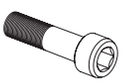
*HRN ucuna uygundur. / Compatible with HRN insert. / Kompatible für HRN WP*

● *Stokta/ In Stock / Lager* ○ *Sınırlı Stok / Limited Stock / Begrenzte Lagerhaltung*

## SDV 123-R



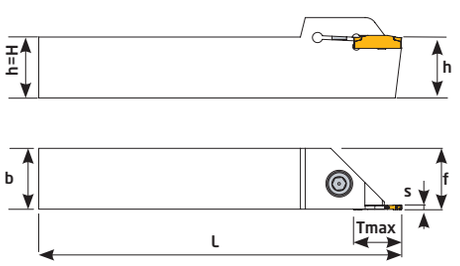



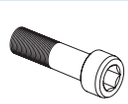
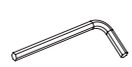

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Inbuss-Schraube* | Anahtar *Allen Key Inbuss-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | h=H | b | S | Tmax | f | L | kg |  |  |  |
| D900 | ● | 2020 2C-123 SDV-R | 20 | 20 | 2 | 18 | 20 | 125 | 0,400 | 123 2C SDV | TC132 M5x20 | 4 Allen |
| D902 | ● | 2525 2C-123 SDV-R | 25 | 25 | 2 | 18 | 25 | 150 | 0,732 | | TC134 M6x20 | 5 Allen |
| D904 | ● | 2020 3C-123 SDV-R | 20 | 20 | 3 | 19 | 20 | 125 | 0,397 | 123 3C SDV | TC132 M5x20 | 4 Allen |
| D906 | ● | 2525 3C-123 SDV-R | 25 | 25 | 3 | 20 | 25 | 150 | 0,713 | | TC134 M6x20 | 5 Allen |
| D908 | ● | 2020 4C-123 SDV-R | 20 | 20 | 4 | 18 | 20 | 125 | 0,415 | 123 4C SDV | TC132 M5x20 | 4 Allen |
| D910 | ● | 2525 4C-123 SDV-R | 25 | 25 | 4 | 18 | 25 | 150 | 0,724 | | TC134 M6x20 | 5 Allen |
| D912 | ● | 2525 5C-123 SDV-R | 25 | 25 | 5 | 18 | 25 | 150 | 0,725 | 123 5C SDV | | |

*SNDVK ucuna uygundur. / Compatible with SNDVK insert. / Kompatible für SNDVK WP*

## SDV 123-L

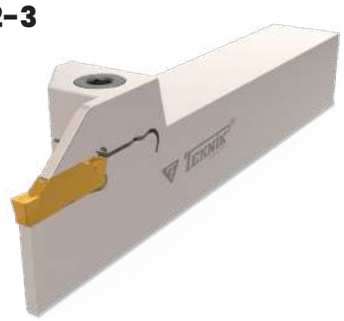


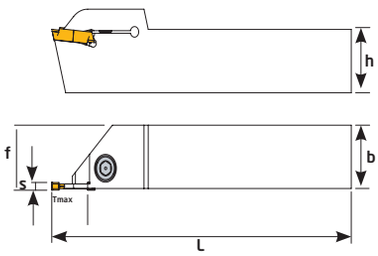




| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Inbuss-Schraube* | Anahtar *Allen Key Inbuss-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | h=H | b | S | Tmax | f | L | kg |  |  |  |
| D873 | ○ | 2020 2C-123 SDV-L | 20 | 20 | 2 | 18 | 20 | 125 | 0,400 | 123 2C SDV | TC132 M5x20 | 4 Allen |
| D874 | ○ | 2525 2C-123 SDV-L | 25 | 25 | 2 | 18 | 25 | 150 | 0,732 | | TC134 M6x20 | 5 Allen |
| D875 | ○ | 2020 3C-123 SDV-L | 20 | 20 | 3 | 19 | 20 | 125 | 0,397 | 123 3C SDV | TC132 M5x20 | 4 Allen |
| D876 | ○ | 2525 3C-123 SDV-L | 25 | 25 | 3 | 20 | 25 | 150 | 0,713 | | TC134 M6x20 | 5 Allen |
| D877 | ○ | 2020 4C-123 SDV-L | 20 | 20 | 4 | 18 | 20 | 125 | 0,415 | 123 4C SDV | TC132 M5x20 | 4 Allen |
| D878 | ○ | 2525 4C-123 SDV-L | 25 | 25 | 4 | 18 | 25 | 150 | 0,724 | | TC134 M6x20 | 5 Allen |
| D879 | ○ | 2525 5C-123 SDV-L | 25 | 25 | 5 | 18 | 25 | 150 | 0,725 | 123 5C SDV | | |

*SNDVK ucuna uygundur. / Compatible with SNDVK insert. / Kompatible für SNDVK WP*

## DGM 2-3



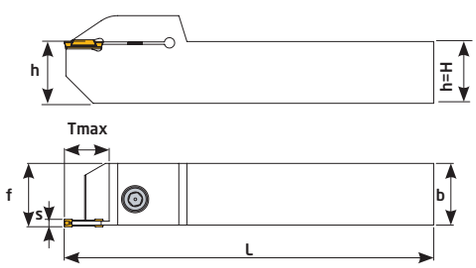



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Inbuss-Schraube* | Anahtar *Allen Key Inbuss-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | h=H | b | S | Tmax | f | L | kg | | | |
| D842 | ● | 1212 2C-DGM 2 | 12 | 12 | 2 | 16 | 12 | 125 | 0,166 | DGM 2C TNGLY | TC131 M5x16 | 4 Allen |
| D843 | ● | 1616 2C-DGM 2 | 16 | 16 | 2 | 17 | 16 | 125 | 0,267 | | | |
| D844 | ● | 2020 2C-DGM 2 | 20 | 20 | 2 | 17 | 20 | 125 | 0,403 | | TC132 M5x20 | |
| D845 | ● | 2525 2C-DGM 2 | 25 | 25 | 2 | 17 | 25 | 150 | 0,739 | | TC134 M6x20 | 5 Allen |
| D847 | ● | 1212 3C-DGM 3 | 12 | 12 | 3 | 16 | 12 | 125 | 0,168 | DGM 3C TNGLY | TC132 M5x20 | 4 Allen |
| D848 | ● | 1616 3C-DGM 3 | 16 | 16 | 3 | 17 | 16 | 125 | 0,263 | | | |
| D849 | ● | 2020 3C-DGM 3 | 20 | 20 | 3 | 20 | 20 | 125 | 0,395 | | | |
| D850 | ● | 2525 3C-DGM 3 | 25 | 25 | 3 | 20 | 25 | 150 | 0,740 | | TC134 M6x20 | 5 Allen |

*TNGLY ucuna uygundur. / Compatible with TNGLY insert. / Kompatible für TNGLY WP*

## GX16-GX24






| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Inbuss-Schraube* | Anahtar *Allen Key Inbuss-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | h=H | b | S | Tmax | f | L | kg | | | |
| D858 | ● | 2020 2C GX16 | 20 | 20 | 2 | 18 | 20 | 125 | 0,267 | GX16 2C WLTR | TC132 M5x20 | 4 Allen |
| D859 | ● | 2525 2C GX16 | 25 | 25 | 2 | 18 | 25 | 150 | 0,403 | | TC134 M6x20 | 5 Allen |
| D860 | ● | 2020 3C GX16 | 20 | 20 | 3 | 20 | 20 | 125 | 0,395 | GX16 3C WLTR | TC132 M5x20 | 4 Allen |
| D861 | ● | 2525 3C GX16 | 25 | 25 | 3 | 22 | 25 | 150 | 0,740 | | TC134 M6x20 | 5 Allen |
| D864 | ● | 2020 2C GX24 | 20 | 20 | 2 | 18 | 20 | 125 | 0,403 | GX24 2C WLTR | TC132 M5x20 | 4 Allen |
| D865 | ● | 2525 2C GX24 | 25 | 25 | 2 | 18 | 25 | 150 | 0,739 | | TC134 M6x20 | 5 Allen |
| D866 | ● | 2020 3C GX24 | 20 | 20 | 3 | 20 | 20 | 125 | 0,395 | GX24 3C WLTR | TC132 M5x20 | 4 Allen |
| D867 | ● | 2525 3C GX24 | 25 | 25 | 3 | 22 | 25 | 150 | 0,740 | | TC134 M6x20 | 5 Allen |

*WLTR ucuna uygundur. / Compatible with WLTR insert. / Kompatible für WLTR WP*

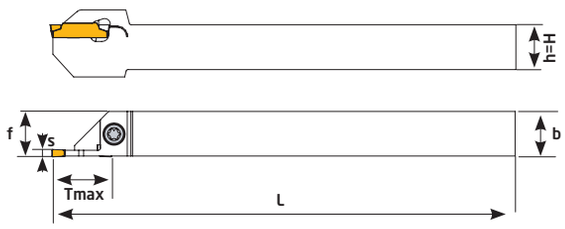
● *Stokta/ In Stock / Lager* ○ *Sınırlı Stok / Limited Stock / Begrenzte Lagerhaltung*

## Diş Çap Kanal Açma İsviçre Tipi Kayar Otomat Makina Takiml/ Grooving Holders/
External Grooving Toolholders For Swiss Type Sliding Automatic Lathes
/ Werkzeuge Zur Stechbearbeitung Auf Langdrehautomaten

### MGMN

NEW PRODUCT



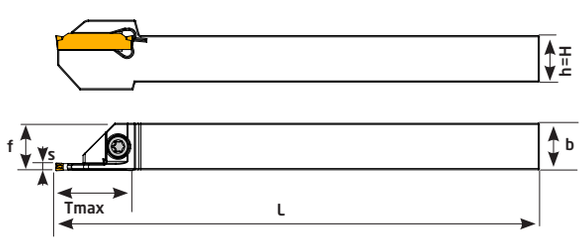

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Inbuss-Schraube* | Anahtar *Allen Key Inbuss-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | h=H | b | S | Tmax | f | L | kg | | | |
| D010 | ● | 1212 2C MGMN 200 | 12 | 12 | 2 | 12 | 12,2 | 125 | 0,134 | MGMN 200 KRLY | TC074 M4x10 | T15 |
| D011 | ● | 1616 2C MGMN 200 | 16 | 16 | 2 | 16 | 16,2 | 125 | 0,228 | | | |
| D013 | ● | 1212 3C MGMN 300 | 12 | 12 | 3 | 12 | 12,3 | 125 | 0,134 | MGMN 300 KRLY | | |
| D014 | ● | 1616 3C MGMN 300 | 16 | 16 | 3 | 16 | 16,3 | 125 | 0,230 | | | |

*KRLY ucuna uygundur. / Compatible with KRLY insert. / Kompatible für KRLY WP*

### KGMN

NEW PRODUCT




| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Inbuss-Schraube* | Anahtar *Allen Key Inbuss-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | h=H | b | S | Tmax | f | L | kg | | | |
| D016 | ● | 1212 2C KGMN 200 | 12 | 12 | 2 | 12 | 12,2 | 125 | 0,135 | KGMN 200 KRLY | TC074 M4x10 | T15 |
| D017 | ● | 1616 2C KGMN 200 | 16 | 16 | 2 | 16 | 16,2 | 125 | 0,227 | | | |

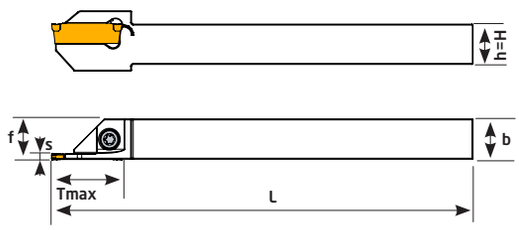
*KRLY ucuna uygundur. / Compatible with KRLY insert. / Kompatible für KRLY WP*

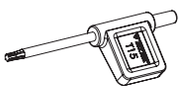
## Diş Çap Kanal Açma İsviçre Tipi Kayar Otomat Makina Takiml/ Grooving Holders/
External Grooving Toolholders For Swiss Type Sliding Automatic Lathes
/ Werkzeuge Zur Stechbearbeitung Auf Langdrehautomaten

### DGN

NEW PRODUCT

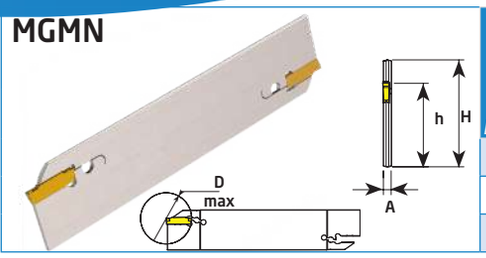



| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Inbuss-Schraube* | Anahtar *Allen Key Inbuss-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | h=H | b | S | Tmax | f | L | kg |  |  |  |
| D019 | ● | 1212 2C DGN | 12 | 12 | 2 | 12 | 12,2 | 125 | 0,136 | DGN 2C ISCR | TC074 M4x10 | T15 |
| D020 | ● | 1616 2C DGN | 16 | 16 | 2 | 16 | 16,2 | 125 | 0,227 | | | |
| D021 | ● | 1212 3C-DGN | 12 | 12 | 3 | 12 | 12,3 | 125 | 0,135 | DGN 3C ISCR | | |
| D022 | ● | 1616 3C-DGN | 16 | 16 | 3 | 16 | 16,3 | 125 | 0,228 | | | |

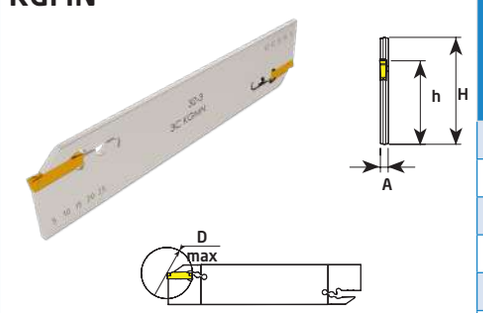
*ISCR ucuna uygundur. / Compatible with ISCR insert. / Kompatible für ISCR WP*

## MGMN



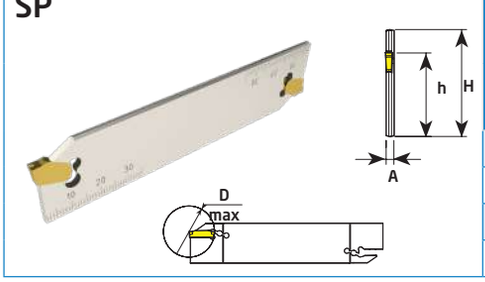

| Sipariş Kodu *Order Code Best.-Nr.* | Sipariş Kodu *Order Code Best.-Nr.* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | Kullanılan Uç *Insert WSP* |
|---|---|---|---|---|---|---|---|
| | | H | h | A | L | D max | |
| KL29 | 32-2 | 32 | 25 | 2 | 150 | 36 | MGMN 200 KRLY |
| KL30 | 32-3 | 32 | 25 | 2,45 | 150 | 36 | MGMN 300 KRLY |
| KL32 | 32-4 | 32 | 25 | 3,45 | 150 | 36 | MGMN 400 KRLY |

## KGMN



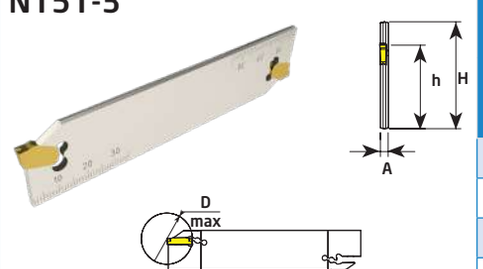

| Sipariş Kodu *Order Code Best.-Nr.* | Sipariş Kodu *Order Code Best.-Nr.* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | Kullanılan Uç *Insert WSP* |
|---|---|---|---|---|---|---|---|
| | | H | h | A | L | D max | |
| KL37 | 26-2 | 26 | 21,4 | 1,65 | 110 | 36 | KGMN 200 KRLY |
| KL38 | 26-3 | 26 | 21,4 | 2,45 | 110 | 36 | KGMN 300 KRLY |
| KL39 | 26-4 | 26 | 21,4 | 3,45 | 110 | 36 | KGMN 400 KRLY |
| KL34 | 32-2 | 32 | 25 | 1,65 | 150 | 36 | KGMN 200 KRLY |
| KL35 | 32-3 | 32 | 25 | 2,45 | 150 | 36 | KGMN 300 KRLY |
| KL36 | 32-4 | 32 | 25 | 3,45 | 150 | 36 | KGMN 400 KRLY |

## SP



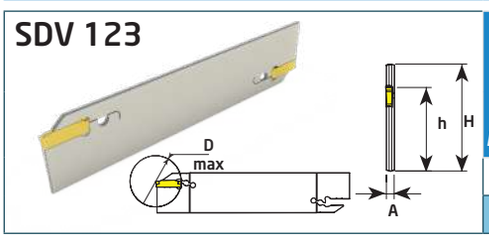

| Sipariş Kodu *Order Code Best.-Nr.* | Sipariş Kodu *Order Code Best.-Nr.* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | Kullanılan Uç *Insert WSP* |
|---|---|---|---|---|---|---|---|
| | | H | h | A | L | D max | |
| KL40 | 26-3 | 26 | 21,4 | 2,45 | 110 | | SP 300 KRLY |
| KL42 | 26-4 | 26 | 21,4 | 3,45 | 110 | | SP 400 KRLY |
| KL44 | 32-3 | 32 | 25 | 2,45 | 150 | | SP 300 KRLY |
| KL45 | 32-4 | 32 | 25 | 3,45 | 150 | | SP 400 KRLY |

## N151-3



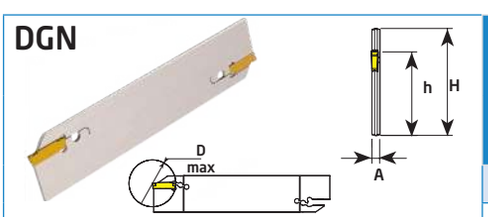

| Sipariş Kodu *Order Code Best.-Nr.* | Sipariş Kodu *Order Code Best.-Nr.* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | Kullanılan Uç *Insert WSP* |
|---|---|---|---|---|---|---|---|
| | | H | h | A | L | D max | |
| KL52 | 26-3 | 26 | 21,4 | 2,45 | 110 | | N151-3 SDV |
| KL54 | 26-4 | 26 | 21,4 | 3,45 | 110 | | N151-4 SDV |
| KL56 | 32-3 | 32 | 25 | 2,45 | 150 | | N151-3 SDV |
| KL58 | 32-4 | 32 | 25 | 3,45 | 150 | | N151-4 SDV |

## SDV 123



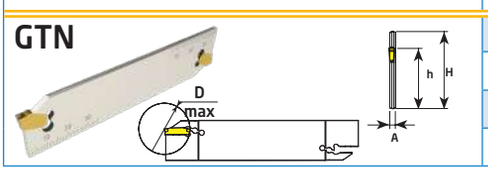

| Sipariş Kodu *Order Code Best.-Nr.* | Sipariş Kodu *Order Code Best.-Nr.* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | Kullanılan Uç *Insert WSP* |
|---|---|---|---|---|---|---|---|
| | | H | h | A | L | D max | |
| KL60 | 32-3 | 32 | 25 | 2,45 | 150 | | 123 3C SDV |
| KL61 | 32-4 | 32 | 25 | 3,45 | 150 | | 123 4C SDV |

## DGN




| Sipariş Kodu *Order Code Best.-Nr.* | Sipariş Kodu *Order Code Best.-Nr.* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | Kullanılan Uç *Insert WSP* |
|---|---|---|---|---|---|---|---|
| | | H | h | A | L | D max | |
| KL20 | 32-3 | 32 | 25 | 2,45 | 150 | 36 | DGN3 |
| KL22 | 32-4 | 32 | 25 | 3,45 | 150 | 36 | DGN4 |

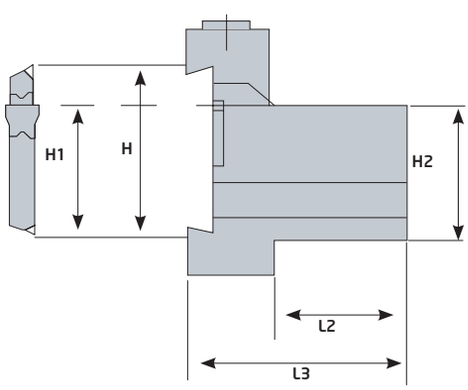
## GTN

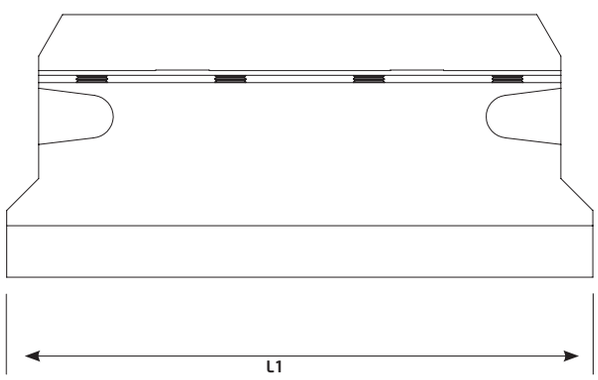


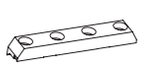
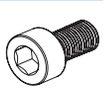

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| KL23 | 26-3 | 26 | 21,4 | 2,45 | 110 | | GTN3 |
| KL24 | 26-4 | 26 | 21,4 | 3,45 | 110 | | GTN4 |
| KL25 | 32-3 | 32 | 25 | 2,45 | 150 | | GTN3 |
| KL26 | 32-4 | 32 | 25 | 3,45 | 150 | | GTN4 |

## KESKİ KÜTÜĞÜ
*Block for Blades*




| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | Papuç *Clamp Spannpratze* | Sıkma Civatası *Clamp Screw In-buss-Schraube* | Anahtar *Allen Key Inbuss-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | H | L1 | L2 | H1 | H2 | L3 |  |  |  |
| KLT04 | ● | 20-26 | 26 | 87 | 19 | 21,4 | 20 | 33 | KLT19 | TC135 M6x30 | 5 Allen |
| KLT05 | ● | 25-26 | 26 | 110 | 20 | 24,4 | 25 | 34 | KLT18 | TC135 M6x30 | 5 Allen |
| KLT06 | ● | 20-32 | 32 | 110 | 19 | 25 | 20 | 35 | KLT20 | TC135 M6x30 | 5 Allen |
| KLT08 | ● | 25-32 | 32 | 110 | 20 | 25 | 25 | 36 | KLT20 | TC135 M6x30 | 5 Allen |
| KLT10 | ● | 32-32 | 32 | 110 | 28 | 25 | 32 | 44 | KLT20 | TC135 M6x30 | 5 Allen |

● *Stokta/ In Stock / Lager* ○ *Sınırlı Stok / Limited Stock / Begrenzte Lagerhaltung*

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İç Çap Kanal Kater

# Grooving Holders

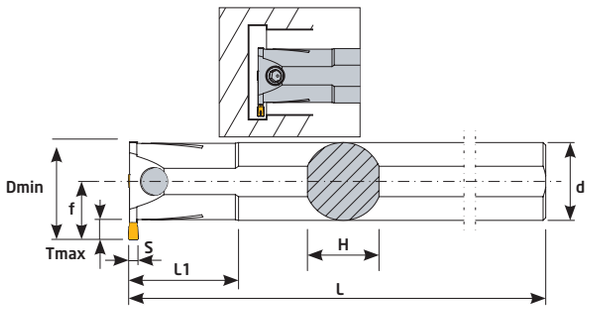
## Stech-Klemmhalter




**Technical Solution for Quality**

## KRLY/R

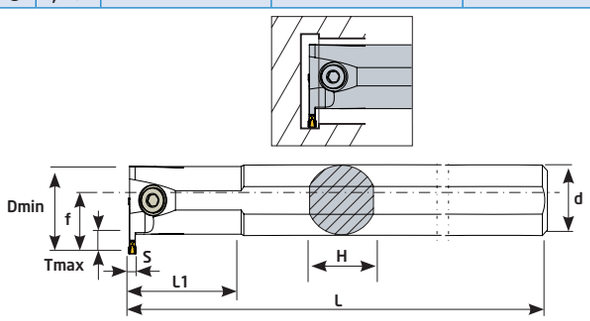





| Sipariş Kodu *Order Code Best.-Nr.* | Stok/*Stock/Lager* | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Inbuss-Schraube* | Anahtar *Allen Key Inbuss-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dmin | Tmax | L | L1 | d | h | f | s | kg | | | |
| K600 | ● | S16Q 2C-R MGM | 21 | 5 | 180 | 35 | 16 | 15 | 12.5 | 2 | 0,288 | MGM 200 KRLY | TC130 M5x12 | 4 Allen |
| K602 | ● | S20Q 2C-R MGM | 26 | 5,7 | 180 | 35 | 20 | 18 | 15.5 | 2 | 0,440 | | | |
| K603 | ● | S25R 2C-R MGM | 31 | 5,7 | 200 | 35 | 25 | 23 | 18 | 2 | 0,787 | | TC131 M5x16 | |
| K604 | ● | S20Q 3C-R MGM | 26 | 6 | 180 | 35 | 20 | 18 | 15,5 | 3 | 0,450 | MGM 300 KRLY | TC130 M5x12 | |
| K606 | ● | S25R 3C-R MGM | 32 | 6,7 | 200 | 40 | 25 | 23 | 19 | 3 | 0,784 | | TC131 M5x16 | |
| K608 | ● | S32S 3C-R MGM | 38 | 6,1 | 250 | 60 | 32 | 30 | 21.5 | 3 | 1,555 | | TC134 M6x20 | 5 Allen |
| K609 | ● | S40T 3C-R MGM | 48 | 7,2 | 300 | 60 | 40 | 38 | 27 | 3 | 2,940 | | | |
| K610 | ● | S20Q 4C-R MGM | 26 | 6 | 180 | 35 | 20 | 18 | 15.5 | 4 | 0,443 | MGM 400 KRLY | TC130 M5x12 | 4 Allen |
| K612 | ● | S25R 4C-R MGM | 31 | 6 | 200 | 40 | 25 | 23 | 18,2 | 4 | 0,783 | | TC131 M5x16 | |
| K614 | ● | S32S 4C-R MGM | 38 | 6 | 250 | 60 | 32 | 30 | 21,5 | 4 | 1,552 | | TC134 M6x20 | 5 Allen |
| K616 | ● | S40T 4C-R MGM | 47 | 7,2 | 300 | 60 | 40 | 38 | 27 | 4 | 2,942 | | | |
| K618 | ● | S25R 5C-R MGM | 32 | 7 | 200 | 40 | 25 | 23 | 19,2 | 5 | 0,777 | MGM 500 KRLY | TC131 M5x16 | 4 Allen |
| K620 | ● | S32S 5C-R MGM | 39 | 7 | 250 | 60 | 32 | 30 | 22,5 | 5 | 1,561 | | TC134 M6x20 | 5 Allen |
| K622 | ● | S40T 5C-R MGM | 47 | 7,4 | 300 | 60 | 40 | 38 | 27 | 5 | 2,936 | | | |

## KGMN





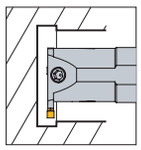

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/*Stock/Lager* | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Inbuss-Schraube* | Anahtar *Allen Key Inbuss-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dmin | Tmax | L | L1 | d | h | f | s | kg | | | |
| K660 | ● | S16K 2C KGMN | 23 | 6,5 | 125 | 35 | 16 | 15 | 14 | 2 | 0,220 | KGMN 200 KRLY | TC130 M5x12 | 4 Allen |
| K661 | ● | S20M 2C KGMN | 25 | 6,5 | 150 | 45 | 20 | 18 | 15,5 | 2 | 0,374 | | | |
| K662 | ● | S25R 2C KGMN | 32 | 7 | 200 | 45 | 25 | 23 | 19 | 2 | 0,802 | | TC131 M5x16 | |
| K663 | ● | S20M 3C KGMN | 25 | 6,5 | 150 | 45 | 20 | 18 | 15,5 | 3 | 0,370 | KGMN 300 KRLY | TC130 M5x12 | |
| K664 | ● | S25R 3C KGMN | 32 | 7 | 200 | 45 | 25 | 23 | 19 | 3 | 0,800 | | TC131 M5x16 | |
| K665 | ● | S32S 3C KGMN | 40 | 7,5 | 250 | 55 | 32 | 30 | 22,5 | 3 | 1,627 | | TC134 M6x20 | 5 Allen |
| K666 | ● | S20M 4C KGMN | 25 | 6,5 | 150 | 45 | 20 | 18 | 15,5 | 4 | 0,374 | KGMN 400 KRLY | TC130 M5x12 | 4 Allen |
| K667 | ● | S25R 4C KGMN | 32 | 7 | 200 | 45 | 25 | 23 | 19 | 4 | 0,796 | | TC131 M5x16 | |
| K668 | ● | S32S 4C KGMN | 40 | 7,5 | 250 | 55 | 32 | 30 | 22,5 | 4 | 1,623 | | TC134 M6x20 | 5 Allen |

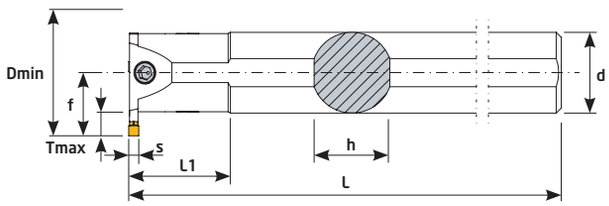
*KRLY ucuna uygundur. / Compatible with KRLY insert. / Kompatible für KRLY WP*

● *Stokta/ In Stock / Lager* ○ *Sınırlı Stok / Limited Stock / Begrenzte Lagerhaltung*

## HRN/R S229





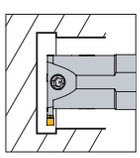


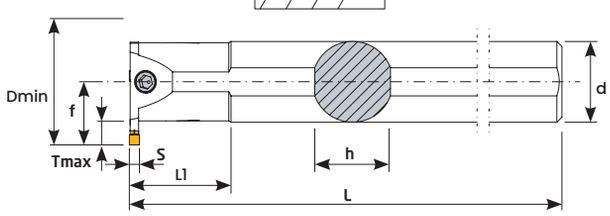

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Inbuss-Schraube* | Anahtar *Allen Key Inbuss-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dmin | Tmax | L | L1 | d | h | f | s | kg | | | |
| K624 | ● | S25R 3C-R S229 | 34 | 9,8 | 200 | 50 | 25 | 23 | 21,5 | 3 | 0,766 | 3C S229 B.HRN | TC131 M5x16 | 4 Allen |
| K626 | ● | S32S 3C-R S229 | 41 | 9 | 250 | 50 | 32 | 30 | 24,5 | 3 | 1,560 | | TC134 M6x20 | 5 Allen |
| K628 | ● | S40T 3C-R S229 | 49 | 9 | 300 | 50 | 40 | 38 | 28,5 | 3 | 2,594 | | | |
| K630 | ● | S25R 4C-R S229 | 34 | 9,8 | 200 | 50 | 25 | 23 | 21,5 | 4 | 0,768 | 4C S229 B.HRN | TC131 M5x16 | 4 Allen |
| K632 | ● | S32S 4C-R S229 | 42 | 9 | 250 | 50 | 32 | 30 | 24,7 | 4 | 1,656 | | TC134 M6x20 | 5 Allen |
| K634 | ● | S40T 4C-R S229 | 49 | 9 | 300 | 50 | 40 | 38 | 28,5 | 4 | 3,113 | | | |
| K636 | ● | S25R 5C-R S229 | 33 | 9,5 | 200 | 50 | 25 | 23 | 21,1 | 5 | 0,770 | 5C S229 B.HRN | TC131 M5x16 | 4 Allen |
| K638 | ● | S32S 5C-R S229 | 41 | 9 | 250 | 50 | 32 | 30 | 24,7 | 5 | 1,659 | | TC134 M6x20 | 5 Allen |
| K640 | ● | S40T 5C-R S229 | 49 | 9 | 300 | 50 | 40 | 38 | 28,5 | 5 | 3,109 | | | |

*HRN ucuna uygundur. / Compatible with HRN insert. / Kompatible für HRN WP*

## SDV/R 123







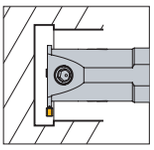

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw In-buss-Schraube* | Anahtar *Allen Key Inbuss-Schlüs-sel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dmin | Tmax | L | L1 | d | h | f | s | kg | | | |
| K720 | ● | S25R 3C-R-123 SDV | 32 | 7 | 200 | 40 | 25 | 23 | 19,2 | 3 | 0,784 | 123 3C SNDVK | TC131 M5x16 | 4 Allen |
| K722 | ● | S32S 3C-R-123 SDV | 39 | 7 | 250 | 60 | 32 | 30 | 22,7 | 3 | 1,567 | | TC134 M6x20 | 5 Allen |
| K726 | ● | S25R 4C-R-123 SDV | 32 | 7 | 200 | 40 | 25 | 23 | 19,5 | 4 | 0,772 | 123 4C SNDVK | TC131 M5x16 | 4 Allen |
| K728 | ● | S32S 4C-R-123 SDV | 39 | 7 | 250 | 60 | 32 | 30 | 22,5 | 4 | 2,854 | | TC134 M6x20 | 5 Allen |
| K730 | ● | S25S 5C-R-123 SDV | 32 | 7 | 200 | 40 | 25 | 23 | 19,2 | 5 | 0,785 | 123 5C SNDVK | TC131 M5x16 | 4 Allen |
| K732 | ● | S32S 5C-R-123 SDV | 39 | 7 | 250 | 60 | 32 | 30 | 22,7 | 5 | 1,564 | | TC134 M6x20 | 5 Allen |

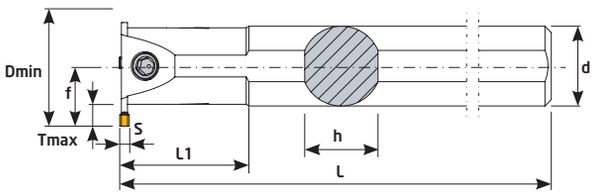
*SNDVK ucuna uygundur. / Compatible with SNDVK insert. / Kompatible für SNDVK WP*

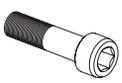
● *Stokta/ In Stock / Lager* ○ *Sınırlı Stok / Limited Stock / Begrenzte Lagerhaltung*

## HRN/R S224





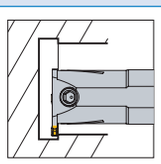


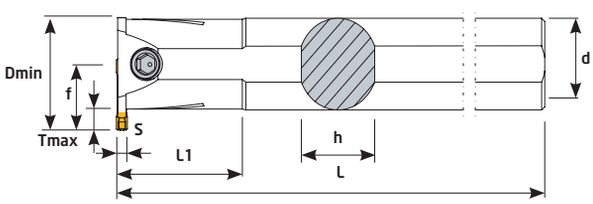

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw In-buss-Schraube* | Anahtar *Allen Key Inbuss-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dmin | Tmax | L | L1 | d | h | f | S | kg |  |  |  |
| K642 | ● | S20Q 2C-R S224 | 26 | 6,5 | 180 | 40 | 20 | 18 | 16 | 2 | 0,444 | S224 2C K.HRN | TC130 M5x12 | 4 Allen |
| K644 | ● | S25R 2C-R S224 | 34 | 9 | 200 | 50 | 25 | 23 | 21,2 | 2 | 0,763 | | TC131 M5x16 | |
| K646 | ● | S20Q 3C-R S224 | 26 | 6,5 | 180 | 40 | 20 | 18 | 16 | 3 | 0,459 | S224 3C K.HRN | TC130 M5x12 | |
| K648 | ● | S25R 3C-R S224 | 33 | 9 | 200 | 50 | 25 | 23 | 20,6 | 3 | 0,782 | | TC131 M5x16 | |
| K650 | ● | S32S 3C-R S224 | 40 | 9 | 250 | 50 | 32 | 30 | 24,1 | 3 | 1,633 | | TC134 M6x20 | 5 Allen |
| K652 | ● | S20Q 4C-R S224 | 26 | 6,5 | 180 | 40 | 20 | 18 | 16 | 4 | 0,440 | S224 4C K.HRN | TC130 M5x12 | 4 Allen |
| K654 | ● | S25R 4C-R S224 | 33 | 9 | 200 | 50 | 25 | 23 | 20,6 | 4 | 0,764 | | TC131 M5x16 | |
| K656 | ● | S32S 4C-R S224 | 42 | 9 | 250 | 50 | 32 | 30 | 23,5 | 4 | 1,672 | | TC134 M6x20 | 5 Allen |

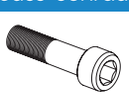
*HRN ucuna uygundur. / Compatible with HRN insert. / Kompatible für HRN WP*

## ZCC/R ZT.D





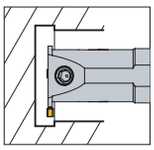


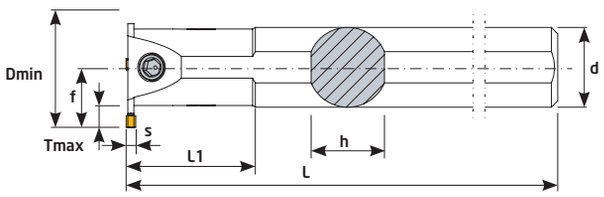

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Inbuss-Schraube* | Anahtar *Allen Key Inbuss-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dmin | Tmax | L | L1 | d | h | f | S | kg |  |  |  |
| K679 | ● | S16Q 2C R ZT.D | 20 | 4,9 | 180 | 35 | 16 | 15 | 12,5 | 2 | 0,446 | ZT.D 2C ZCC | TC130 M5x12 | 4 Allen |
| K680 | ● | S20Q 3C-R ZT.D | 26 | 5.5 | 180 | 35 | 20 | 18 | 15,2 | 3 | 0,661 | ZT.D 3C ZCC | | |
| K681 | ● | S25R 3C-R ZT.D | 33 | 7,5 | 200 | 35 | 25 | 23 | 19,7 | 3 | 1,576 | | TC131 M5x16 | 4 Allen |
| K682 | ● | S32S 3C-R ZT.D | 39 | 7 | 250 | 50 | 32 | 30 | 22,7 | 3 | 1,641 | ZT.D 4C ZCC | TC134 M6x20 | 5 Allen |
| K684 | ● | S25R 4C-R ZT.D | 33 | 7,5 | 200 | 35 | 25 | 23 | 19,7 | 4 | 1,578 | | TC131 M5x16 | 4 Allen |
| K685 | ● | S32S 4C-R ZT.D | 39 | 7 | 250 | 50 | 32 | 30 | 22,7 | 4 | 1,645 | | TC134 M6x20 | 5 Allen |

*ZCC ucuna uygundur. / Compatible with ZCC insert. / Kompatible für ZCC ZCC WP*

## GRP/R





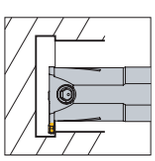


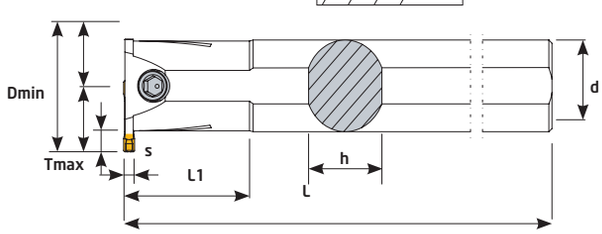

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Inbuss-Schraube* | Anahtar *Allen Key Inbuss-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dmin | Tmax | L | L1 | d | h | f | S | kg |  |  |  |
| K700 | ● | S16Q 3C-R GRP | 21 | 4,9 | 180 | 45 | 16 | 18 | 12,5 | 3 | 0,308 | GRP 3C ISCR | TC130 M5x12 | 4 Allen |
| K702 | ● | S20Q 3C-R GRP | 26 | 6 | 180 | 35 | 20 | 18 | 15,7 | 3 | 0,463 | | | |
| K704 | ● | S25R 3C-R GRP | 32 | 6,5 | 200 | 35 | 25 | 23 | 18,7 | 3 | 0,809 | | TC131 M5x16 | 4 Allen |
| K706 | ● | S20Q 4C-R GRP | 26 | 5,5 | 180 | 35 | 20 | 18 | 15,2 | 4 | 0,463 | GRP 4C ISCR | TC130 M5x12 | 4 Allen |
| K708 | ● | S25R 4C-R GRP | 32 | 6,5 | 200 | 35 | 25 | 23 | 18,7 | 4 | 0,810 | | TC131 M5x16 | |
| K710 | ● | S32S 4C-R GRP | 38 | 6,5 | 250 | 60 | 32 | 30 | 22 | 4 | 1,655 | | TC134 M6x20 | 5 Allen |

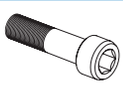
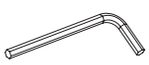
*ISCR ucuna uygundur. / Compatible with ISCR insert. / Kompatible für ISCR WP*

## DGN/R







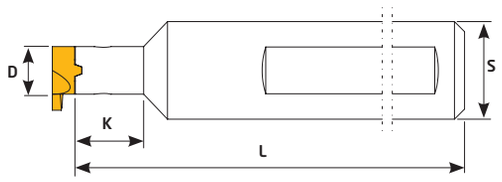

| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* | | | | | | | | | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw In-buss-Schraube* | Anahtar *Allen Key Inbuss-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dmin | Tmax | L | L1 | d | h | f | S | kg |  |  |  |
| K672 | ● | S20Q 3C-R DGN | 25 | 5,5 | 180 | 35 | 20 | 18 | 15 | 3 | 0,446 | DGN 3C ISCR | TC130 M5x12 | 4 Allen |
| K673 | ● | S25R 3C-R DGN | 31 | 6 | 200 | 40 | 25 | 23 | 18,2 | 3 | 0,798 | | TC131 M5x16 | |
| K674 | ● | S32S 3C-R DGN | 37 | 6 | 250 | 55 | 32 | 30 | 30 | 3 | 1,620 | | TC134 M6x20 | 5 Allen |
| K676 | ● | S20Q 4C-R DGN | 25 | 5,5 | 180 | 35 | 20 | 18 | 18 | 4 | 0,461 | DGN 4C ISCR | TC130 M5x12 | 4 Allen |
| K677 | ● | S25R 4C-R DGN | 31 | 6 | 200 | 40 | 25 | 23 | 23 | 4 | 0,802 | | TC131 M5x16 | |
| K678 | ● | S32S 4C-R DGN | 37 | 6 | 250 | 55 | 32 | 30 | 30 | 4 | 1,648 | | TC134 M6x20 | 5 Allen |

*ISCR ucuna uygundur. / Compatible with ISCR insert. / Kompatible für ISCR WP*

● *Stokta/ In Stock / Lager* ○ *Sınırlı Stok / Limited Stock / Begrenzte Lagerhaltung*

## MİNİ KANAL KATERİ
## Mini Grooving Bars

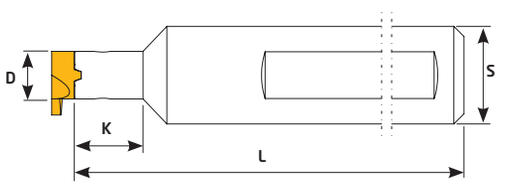





| Sipariş Kodu *Order Code Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu *Product Code Produkt-Code* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* S | D | K | L | kg | Kullanılan Uç *Insert WSP* | Sıkma Civatası *Clamp Screw Torx-Schraube* | Anahtar *Torx Key Torx-Schlüssel* |
|---|---|---|---|---|---|---|---|---|---|---|
| K801 | ● | S12 D5,9 K24 L080 | 12 | 5,9 | 24 | 80 | 0,143 | NFTG 08 KRLY | TC063 M2,5x7 | T8 |
| K802 | ● | S12 D08 K33 L095 | 12 | 8 | 33 | 95 | 0,126 | NFTG 11 KRLY | TC069 M3,5x8,5 | T10 |
| K803 | ● | S12 D09 K45 L110 | 12 | 9 | 45 | 110 | 0,120 | NFTG 14 KRLY | TC074 M4x10 | T15 |
| K804 | ● | S12 D11 K48 L130 | 12 | 11 | 48 | 130 | 0,348 | NFTG 16 KRLY | TC085 M5x12 | T20 |

*KRLY ucuna uygundur. / Compatible with KRLY insert. / Kompatible für KRLY WP*



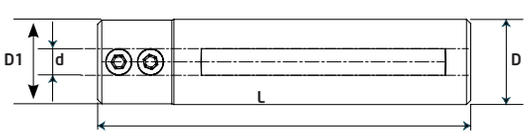



| Sipariş Kodu *Order Code Best.-Nr.* | | Ürün Kodu *Product Code Produkt-Code* | S | D | K | L | kg | D | | |
|---|---|---|---|---|---|---|---|---|---|---|
| K810 | ● | S16 D08 K11 L093 | 16 | 8 | 11 | 93 | 0,098 | D08 | TC069 M3,5x8,5 | T10 |
| K812 | ● | S16 D09 K20 L093 | 16 | 9 | 20 | 93 | 0,102 | D09 | TC074 M4x10 | T15 |
| K814 | ● | S16 D06 K11 L081 | 16 | 6 | 11 | 81 | 0,082 | D06 | TC063 M2,5x7 | T8 |
| K816 | ● | S20 D14 K49 L160 | 20 | 14 | 49 | 160 | 0,367 | D14 | TC085 M5x12 | T20 |

*HRN ucuna uygundur. / Compatible with HRN insert. / Kompatible für HRN WP*

## MINI TOOL



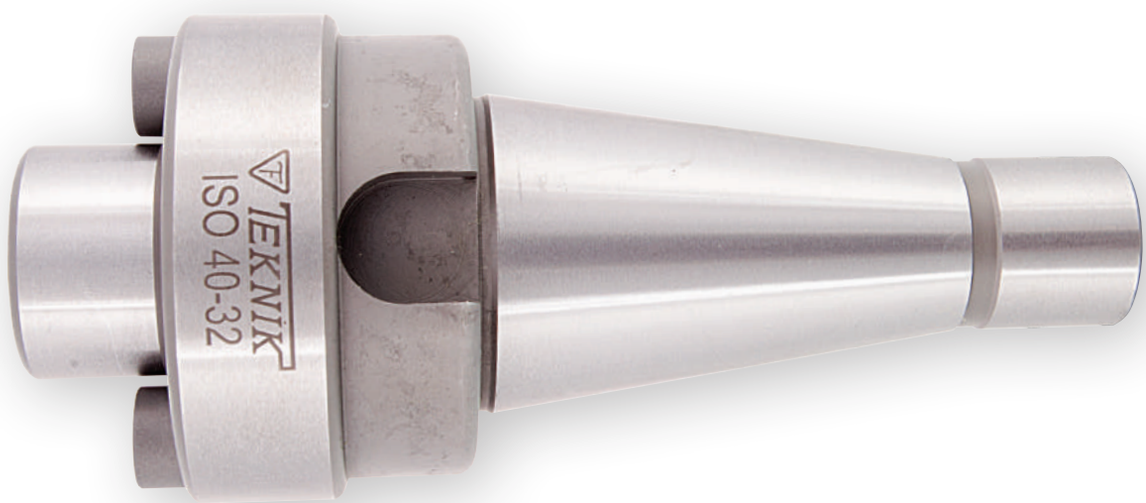



| | | | D | d | L | D1 | kg | | |
|---|---|---|---|---|---|---|---|---|---|
| DC304 | ● | D16 d03 L88 | 16 | 3 | 88 | 19,65 | 0,134 | M6x50 | M6x8 |
| DC306 | ● | D20 d03 L88 | 20 | 3 | 88 | 19,65 | 0,228 | M6x50 | M6x8 |
| DC310 | ● | D12 d04 L88 | 12 | 4 | 88 | 11,65 | 0,075 | M6x50 | M6x5 |
| DC312 | ● | D16 d04 L75 | 16 | 4 | 75 | 19,65 | 0,139 | M6x35 | M6x8 |
| DC314 | ● | D16 d04 L88 | 16 | 4 | 88 | 19,65 | 0,159 | M6x50 | M6x8 |
| DC316 | ● | D20 d04 L88 | 20 | 4 | 88 | 19,65 | 0,222 | M6x50 | M6x8 |
| DC318 | ● | D22 d04 L88 | 22 | 4 | 88 | 21,65 | 0,274 | M6x50 | M6x8 |
| DC320 | ● | D12 d05 L88 | 12 | 5 | 88 | 11,65 | 0,067 | M6x50 | M6x5 |
| DC322 | ● | D16 d05 L75 | 16 | 5 | 75 | 19,65 | 0,135 | M6x35 | M6x8 |
| DC324 | ● | D16 d05 L88 | 16 | 5 | 88 | 19,65 | 0,153 | M6x50 | M6x8 |
| DC326 | ● | D20 d05 L88 | 20 | 5 | 88 | 19,65 | 0,221 | M6x50 | M6x8 |
| DC328 | ● | D22 d05 L88 | 22 | 5 | 88 | 21,65 | 0,274 | M6x50 | M6x8 |
| DC334 | ● | D20 d06 L88 | 20 | 6 | 88 | 19,65 | 0,227 | M6x50 | M6x8 |
| DC340 | ● | D20 d07 L88 | 20 | 7 | 88 | 19,65 | 0,219 | M6x50 | M6x8 |
| DC344 | ● | D16 d08 L88 | 16 | 8 | 88 | 19,65 | 0,142 | M6x50 | M6x8 |
| DC346 | ● | D20 d08 L88 | 20 | 8 | 88 | 19,65 | 0,214 | M6x50 | M6x5 |
| DC350 | ● | D16 d10 L88 | 16 | 10 | 88 | 19,65 | 0,130 | M6x50 | M6x5 |
| DC352 | ● | D20 d10 L88 | 20 | 10 | 88 | 19,65 | 0,201 | M6x50 | M6x5 |

Takım Tutucuları

# Tool Holders

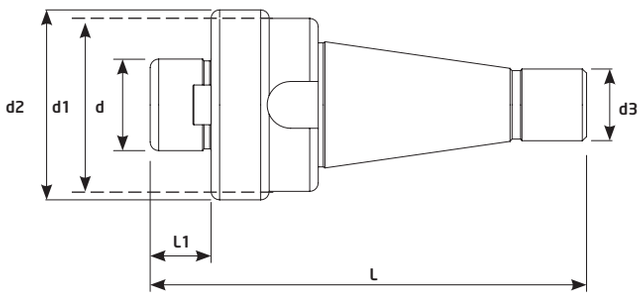
Werkzeugaufnahmen

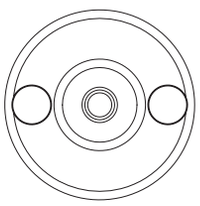



**Technical Solution for Quality**

## ISO 40



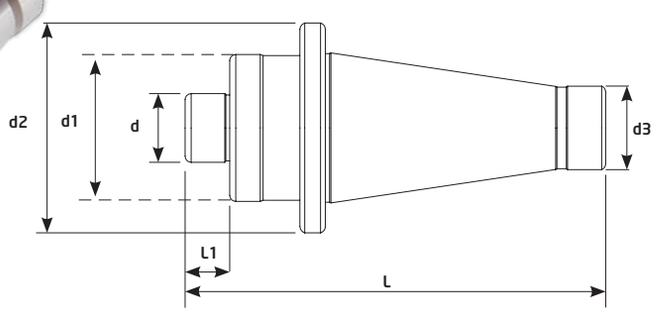



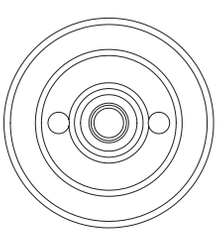



| Sipariş Kodu<br>*Order Code*<br>*Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu<br>*Product Code*<br>*Produkt-Code* | ŞAFT<br>*Shank*<br>*Schaft* | Ölçüler (mm)<br>*Dimensions(mm)*<br>*Abmessungen (mm)* | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | d | d1 | d2 | d3 | L | L1 | kg |
| M206 | ● | ISO 40-16 | ISO 40 | 16 | 54 | 38 | 25 | 154 | 17 | 1,232 |
| M208 | ● | ISO 40-22 | ISO 40 | 22 | 54 | 50 | 25 | 154 | 19 | 1,371 |
| M210 | ● | ISO 40-27 | ISO 40 | 27 | 55 | 59 | 25 | 154 | 21 | 1,413 |
| M212 | ● | ISO 40-32 | ISO 40 | 32 | 61 | 67 | 25 | 154 | 24 | 1,750 |
| M214 | ● | ISO 40-40 | ISO 40 | 40 | 61 | 73 | 25 | 154 | 27 | 1,956 |

## ISO 50





| Sipariş Kodu<br>*Order Code*<br>*Best.-Nr.* | Stok/Stock/Lager | Ürün Kodu<br>*Product Code*<br>*Produkt-Code* | ŞAFT<br>*Shank*<br>*Schaft* | Ölçüler (mm)<br>*Dimensions(mm)*<br>*Abmessungen (mm)* | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | d | d1 | d2 | d3 | L | L1 | kg |
| M216 | ● | ISO 50-22 | ISO 50 | 22 | 98 | 52 | 39 | 196 | 19 | 3,640 |
| M218 | ● | ISO 50-27 | ISO 50 | 27 | 98 | 61 | 39 | 196 | 21 | 3,976 |
| M220 | ● | ISO 50-32 | ISO 50 | 32 | 98 | 68 | 39 | 196 | 24 | 3,817 |
| M222 | ● | ISO 50-40 | ISO 50 | 40 | 98 | 98 | 39 | 196 | 27 | 4,512 |
| M224 | ● | ISO 50-60 | ISO 50 | 60 | 108 | 108 | 39 | 196 | 26 | 5,562 |

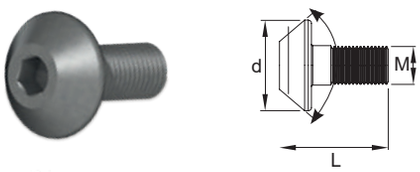
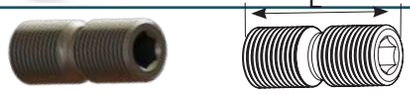
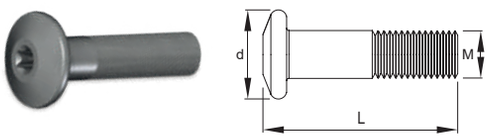
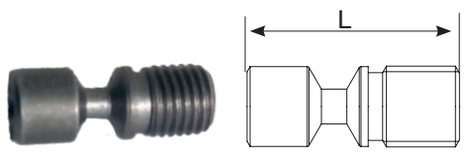
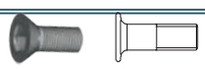
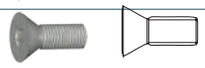
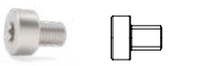
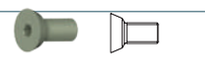
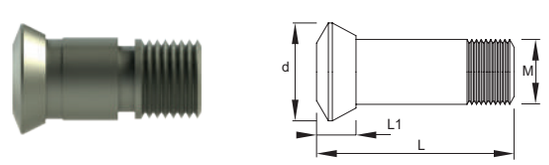
TEKNİK
Cutting Tools

# Yedek Parça
# Spare Parts
# Zubehör

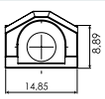
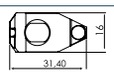
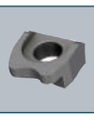
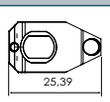
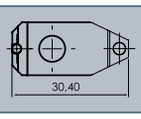
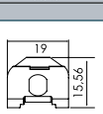
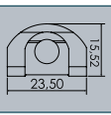
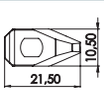
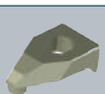
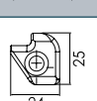
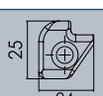
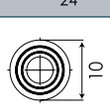
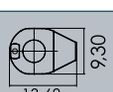
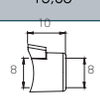


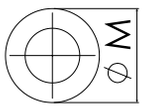
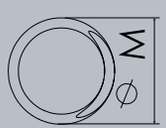
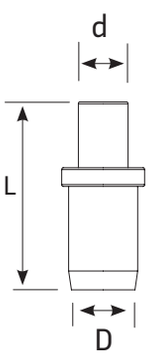
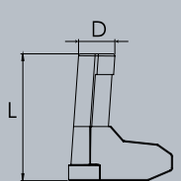
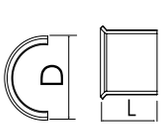
**Technical Solution for Quality**

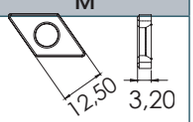
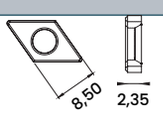
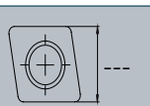
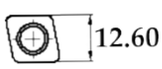
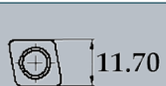
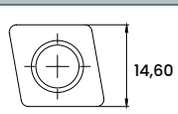
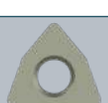
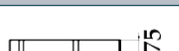
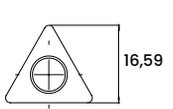
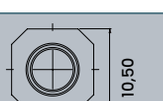
| Parça/Part/Zubehör | Kod Code | M | L | d | A | Anahtar/Key Schlüssel |
|---|---|---|---|---|---|---|
| Tork Civatası (Sıkma Civata) Torx Screw Torx Schrauben | TC057 | M1,6 | 3,4 | 2,6 | 60° | T6 |
| | TC057-1 | M1,8 | 4,1 | 2,5 | 60° | T6 |
| | TC058 | M2 | 4,2 | 2,8 | 60° | T6 |
| | TC058-1 | M2 | 5 | 2,8 | 60° | T6 |
| | TC058-2 | M2,2 | 6 | 3 | 60° | T7 |
| | TC059 | M2,2 | 5 | 3 | 60° | T7 |
| | TC059-1 | M2,5 | 4,7 | 3,5 | 60° | T8 |
| | TC060 | M2,5 | 5,5 | 3,5 | 60° | T8 |
| | TC061 | M2,5 | 6,5 | 3,5 | 50° | T8 |
| | TC063 | M2,5 | 7 | 3,5 | 60° | T8 |
| | TC092 | M2,5 | 5,5 | 3,8 | 60° | T8 |
| | TC093 | M2,5 | 7 | 3,8 | 60° | T8 |
| | TC064 | M3 | 6,2 | 3,8 | 60° | T8 |
| | TC065 | M3 | 7 | 4,2 | 60° | T8 |
| | TC065-1 | M3 | 7 | 4 | 60° | T8 |
| | TC066 | M3,5 | 10 | 5,3 | 55° | T8 |
| | TC067 | M3,5 | 8,5 | 5,3 | 60° | T15 |
| | TC068 | M3,5 | 11 | 5,3 | 60° | T15 |
| | TC069 | M3,5 | 8,5 | 4,8 | 60° | T10 |
| | TC071 | M3,5 | 7 | 5,3 | 60° | T15 |
| | TC072 | M4 | 10 | 5,5 | 60° | T15 |
| | TC073 | M4 | 7 | 5,5 | 60° | T15 |
| | TC074 | M4 | 10 | 5,5 | 60° | T15 |
| | TC075 | M4 | 11 | 7 | 60° | T15 |
| | TC076 | M4 | 12,5 | 5,5 | 60° | T15 |
| | TC077 | M4 | 15 | 6,8 | 60° | T15 |
| | TC078 | M4 | 11 | 6,7 | 60° | T15 |
| | TC079 | M4 | 11 | 5,2 | 45° | T15 |
| | TC080 | M4,5 | 11 | 6,2 | 60° | T15 |
| | TC083 | M5 | 12 | 7 | 60° | T20 |
| | TC085 | M5 | 12 | 6,6 | 75° | T20 |
| | TC086 | M5 | 18 | 7,5 | 60° | T20 |
| Bükse Civata Shim Screw Innenbuss-Schlüssel | TC048 | M5 | 9 | 6,3 | | 4 Allen |
| | TC049 | M5 | 7,7 | | | 3,5 Allen |
| | TC049-1 | M6 | 10 | | | 4 Allen |

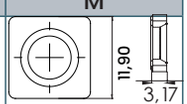
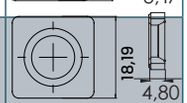
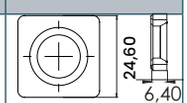
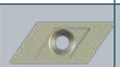
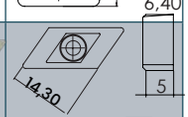
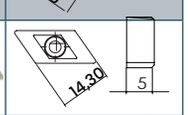
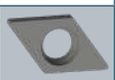
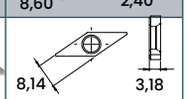
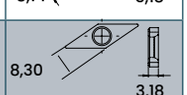
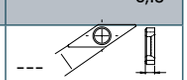
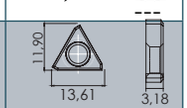
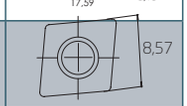
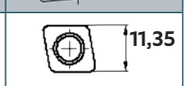
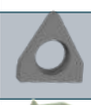
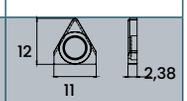
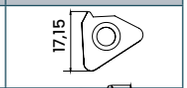
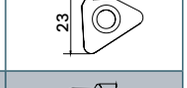
| Parça/Part/Zubehör | | Kod Code | M | L | d | Anahtar/ Key Schlüssel |
|---|---|---|---|---|---|---|
| Baski Civatalar Locking Screw Verriegelungsschraub |  | TC050 | M6 | 14 | 11,2 | 3 Allen |
| | | TC052 | M6 | 17 | 14 | 4 Allen |
| | | TC054 | M8 | 24 | 17,1 | 5 Allen |
| |  | TC056 | M8 (sol-left) | 24 | 17,1 | 5 Allen |
| |  | TC300 | M8 | 21 | | 4 Allen |
| |  | TC044 | M6 | 27 | 11 | 3 Allen |
| | | TC046 | M5 | 26 | 10 | 3 Allen |
| | | TC047 | M8 | 29 | 13,6 | 5 Allen |
| |  | TH512 | M5 | 12 | | 2 Allen |
| | | TH613 | M6 | 13,4 | | 2,5 Allen |
| | | TH617 | M6 | 17 | | 2 Allen |
| | | TH818 | M8 | 18 | | 3 Allen |
| | | TH821 | M8 | 21 | | 3 Allen |
| | | TH822 | M8 | 22 | | 2,5 Allen |
| | | TH825 | M8 | 25 | | 3 Allen |
| Altlık Civatalar Shim Screw Inbuss-Schlüssel |  | TC036 | M3 | 10 | 5,6 | T10 |
| |  | TC038 | M4 | 10 | 7,30 | T15 |
| |  | TC039 | M6 | 12 | 10,6 | 4 Allen |
| |  | TC040 | M3,5 | 10 | 8 | T15 |
| |  | TC062 | M3 | 6,7 | 5,5 | T15 |
| | | TC053 | M4 | | | T20 |
| | | TC053-1 | M4 | | | T15 |
| |  | TC095 | M5 | 12 | 9,5 | 3 Allen |
| Küre Civatalar Screws For Radius Cutter |  | TC170 | M3 | 7 | 4,2 | T8 |
| | | TC172 | M4 | 9 | 5,8 | T15 |
| | | TC174 | M5 | 10 | 7 | T20 |
| | | TC176 | M5 | 12 | 7,3 | T20 |
| | | TC178 | M5 | 16 | 7,8 | 3 Allen |
| | | TC181 | M6 | 22 | 9,5 | 3 Allen |
| | | TC184 | M8 | 25 | 13 | 4 Allen |

● *Stokta/ In Stock / Lager* ○ *Sınırlı Stok / Limited Stock / Begrenzte Lagerhaltung*

| Kod *Code* | Tipi *Type* | Parça Part | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* M |
|---|---|---|---|
| BK017 | DNMG 11 |  |  |
| BK017-1 | TNMG 16 |  |  |
| BK018 | CNMG 16 |  |  |
| BK019 | WNMG 06 |  |  |
| BK020 | DNMG 15<br>CNMG 12<br>SNMG 12 |  |  |
| BK021 | VNMG 16 |  |  |
| BK022 | TNMG 16 |  |  |
| BK023 | TNMG 22 |  |  |
| BK024 | DNMG 11<br>(Small) |  |  |
| BK025 | CNMG 19 |  |  |
| BK027 | SNMG 25 |  |  |
| BK026 | WNMG 08 |  |  |
| BK028 | KNUX Sağ/<br>Right |  |  |
| BK030 | KNUX/Left |  |  |
| BK035 | RDMT 16 |  |  |
| BK036 | TPKN16 |  |  |
| BK300 | OFCR 07 |  |  |

| Kod *Code* | Tipi *Type* | Parça Part | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* M |
|---|---|---|---|
| BSP010 | Baskı Pulu |  |  |
| BSP030 | Baskı Pulu<br>(Normal) | | |
| BSP031 | Baskı Pulu | | |
| BSP032 | Baskı Pulu | | |
| BY040 | M6 |  |  |
| BY041 | M5 | | |
| BY042 | M6 | | |
| BY043 | M5 | | |
| BY044 | | | |
| BSP020 | TNMG 16 | D:5<br>d:3,5<br>L:14,5 |   |
| | WNMG 06 | | |
| BSP021 | TNMG 22 | D:6<br>d:5<br>L:15 | |
| | DNMG 11 | | |
| | WNMG 08 | | |
| TL3 | L12,2-D3,5 |  |  |
| TL3B | L10-D3 | | |
| TL4 | L13-D4,5 | | |
| TL4A | L10,5-D4,7 | | |
| TL4B | L15,6-D5 | | |
| TS-3 | D6,65-L5,5 |  |  |
| TS-4 | D7,71-L7 | | |

| Kod *Code* | Tipi *Type* | Parça *Part* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* M |
|---|---|---|---|
| TA014 | DNMG 15 Shim |  |   |
| TA014-1 | DNMG 15 Shim |  |   |
| TA013 | DNMG 11 Shim |  |   |
| TA023 | CNMG 09 Shim |  |   |
| TA016 | CNMG 12 Shim |  |   |
| TA016-1 | CNMG 12 Shim |  |   |
| TA022 | CNMG 16 Shim |  |   |
| TA017 | CNMG 19 Shim |  |   |
| TA021 | WNMG 06 Shim |  |   |
| TA020-1 | WNMG 08 Shim |  |   |
| TA020 | WNMG 08 Shim |  |   |
| TA019 | TNMG 16 Shim |  |   |
| TA045 | TNMG 22 Shim |  |   |
| TA052 | SEET 12 Shim |  |   |

| Kod *Code* | Tipi *Type* | Parça *Part* | Ölçüler (mm) *Dimensions(mm) Abmessungen (mm)* M |
|---|---|---|---|
| TA050 | SNMG 12 Shim |  |   |
| TA051 | SNMG 19 Shim |  |   |
| TA053 | SNMG 25 Shim |  |   |
| TA046 | KNUX RIGHT Shim |  |   |
| TA048 | KNUX LEFT Shim |  |   |
| TA030 | DCMT 11 Shim |  |   |
| TA034 | VBMT 16 Shim |  |   |
| TA032 | VCMT 16 Shim |  |   |
| TA033 | VNMG 16 SHİM |  |   |
| TA010 | TPKN 16 Shim |  |   |
| TA012 | TPKN 22 Shim |  |   |
| TA015 | CCMT 09 Shim |  |   |
| TA015-1 | CCMT 12 Shim |  |   |
| TA040 | ER 16 Shim |  |   |
| TA061 | 16 ER Shim |  |   |
| TA060 | 16 IR Shim |  |   |
| TA062 | 22 ER Shim |  |   |
| TA063 | 22 IR Shim |  |   |
| TA064 | 27 ER Shim |  |   |
| TA065 | 27 IR Shim |  |   |

● *Stokta/ In Stock / Lager* ○ *Sınırlı Stok / Limited Stock / Begrenzte Lagerhaltung*

## ÇAPLAR VE Vc HIZINA GÖRE KULLANILAN DEVİRLER n(dev./dk)
**Diameter and Vc delivery / Durchmesser und die Vc Zustellung**

**ÇAPLAR**
**Bore diameter / Durchmesser**

| VC HIZI m/dk | 10 | 12 | 16 | 22 | 25 | 30 | 33 | 38 | 42 | 48 | 52 | 55 | 60 | 65 | 70 | 75 | 80 | 90 | 100 | 110 | 120 | 130 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 50 | 1592 | 1326 | 995 | 723 | 637 | 531 | 482 | 419 | 379 | 332 | 306 | 289 | 265 | 245 | 227 | 212 | 199 | 177 | 159 | 145 | 133 | 122 |
| 60 | 1910 | 1592 | 1194 | 868 | 764 | 637 | 579 | 503 | 455 | 398 | 367 | 347 | 318 | 294 | 273 | 255 | 239 | 212 | 191 | 174 | 159 | 147 |
| 70 | 2228 | 1857 | 1393 | 1013 | 891 | 743 | 675 | 586 | 531 | 464 | 428 | 405 | 371 | 343 | 318 | 297 | 279 | 248 | 223 | 203 | 186 | 171 |
| 80 | 2546 | 2122 | 1592 | 1157 | 1019 | 849 | 772 | 670 | 606 | 531 | 490 | 463 | 424 | 392 | 364 | 340 | 318 | 283 | 255 | 231 | 212 | 196 |
| 90 | 2865 | 2387 | 1790 | 1302 | 1146 | 955 | 868 | 754 | 682 | 597 | 551 | 521 | 477 | 441 | 409 | 382 | 358 | 318 | 286 | 260 | 239 | 220 |
| 100 | 3183 | 2653 | 1989 | 1447 | 1273 | 1061 | 965 | 838 | 758 | 663 | 612 | 579 | 531 | 490 | 455 | 424 | 398 | 354 | 318 | 289 | 265 | 245 |
| 110 | 3501 | 2918 | 2188 | 1592 | 1401 | 1167 | 1061 | 921 | 834 | 729 | 673 | 637 | 584 | 539 | 500 | 467 | 438 | 389 | 350 | 318 | 292 | 269 |
| 120 | 3820 | 3183 | 2387 | 1736 | 1528 | 1273 | 1157 | 1005 | 909 | 796 | 735 | 694 | 637 | 588 | 546 | 509 | 477 | 424 | 382 | 347 | 318 | 294 |
| 130 | 4138 | 3448 | 2586 | 1881 | 1655 | 1379 | 1254 | 1089 | 985 | 862 | 796 | 752 | 690 | 637 | 591 | 552 | 517 | 460 | 414 | 376 | 345 | 318 |
| 140 | 4456 | 3714 | 2785 | 2026 | 1783 | 1485 | 1350 | 1173 | 1061 | 928 | 857 | 810 | 743 | 686 | 637 | 594 | 557 | 495 | 446 | 405 | 371 | 343 |
| 150 | 4775 | 3979 | 2984 | 2170 | 1910 | 1592 | 1447 | 1256 | 1137 | 995 | 918 | 868 | 796 | 735 | 682 | 637 | 597 | 531 | 477 | 434 | 398 | 367 |
| 160 | 5093 | 4244 | 3183 | 2315 | 2037 | 1698 | 1543 | 1340 | 1213 | 1061 | 979 | 926 | 849 | 784 | 728 | 679 | 637 | 566 | 509 | 463 | 424 | 392 |
| 170 | 5411 | 4509 | 3382 | 2460 | 2165 | 1804 | 1640 | 1424 | 1288 | 1127 | 1041 | 984 | 902 | 833 | 773 | 722 | 676 | 601 | 541 | 492 | 451 | 416 |
| 180 | 5730 | 4775 | 3581 | 2604 | 2292 | 1910 | 1736 | 1508 | 1364 | 1194 | 1102 | 1042 | 955 | 881 | 819 | 764 | 716 | 637 | 573 | 521 | 477 | 441 |
| 190 | 6048 | 5040 | 3780 | 2749 | 2419 | 2016 | 1833 | 1592 | 1440 | 1260 | 1163 | 1100 | 1008 | 930 | 864 | 806 | 756 | 672 | 605 | 550 | 504 | 465 |
| 200 | 6366 | 5305 | 3979 | 2894 | 2546 | 2122 | 1929 | 1675 | 1516 | 1326 | 1224 | 1157 | 1061 | 979 | 909 | 849 | 796 | 707 | 637 | 579 | 531 | 490 |
| 210 | 6685 | 5570 | 4178 | 3038 | 2674 | 2228 | 2026 | 1759 | 1592 | 1393 | 1285 | 1215 | 1114 | 1028 | 955 | 891 | 836 | 743 | 668 | 608 | 557 | 514 |
| 220 | 7003 | 5836 | 4377 | 3183 | 2801 | 2334 | 2122 | 1843 | 1667 | 1459 | 1347 | 1273 | 1167 | 1077 | 1000 | 934 | 875 | 778 | 700 | 637 | 584 | 539 |
| 230 | 7321 | 6101 | 4576 | 3328 | 2928 | 2440 | 2219 | 1927 | 1743 | 1525 | 1408 | 1331 | 1220 | 1126 | 1046 | 976 | 915 | 813 | 732 | 666 | 610 | 563 |
| 240 | 7639 | 6366 | 4775 | 3472 | 3056 | 2546 | 2315 | 2010 | 1819 | 1592 | 1469 | 1389 | 1273 | 1175 | 1091 | 1019 | 955 | 849 | 764 | 694 | 637 | 588 |
| 250 | 7958 | 6631 | 4974 | 3617 | 3183 | 2653 | 2411 | 2094 | 1895 | 1658 | 1530 | 1447 | 1326 | 1224 | 1137 | 1061 | 995 | 884 | 796 | 723 | 663 | 612 |

## TORNALAMA İÇİN FORMÜLLER — Formulas for turning / Formeln für Drehen

**DEVİR SAYISI = n = $\frac{Vc \times 1000}{\pi \times D}$** devir / dakika
Revolutions / Umdrehungen — Revs / min. Umdrehungen / min.

**KESME HIZI = Vc = $\frac{\pi \times D \times n}{1000}$** metre / dakika
Cutting speed / Schnittgeschwindigkeit — meter / min.

**n :Devir Sayısı (dev./dak.)**
Revolutions / Umdrehungen — Revs/ min. Umdrehungen/ min.

**n :Devir Sayısı (dev./dak.)**
Cutting Speed / Schnittgeschwindigkeit — (Meter/ min.)

**D :İş Parçasının Çapı (mm)**
Workpiece diametre / Werkstückdurchmesser

**π:Sabit Sayı (3,14)**
Constant (3,14) / Gleich bleibend (3,14)

## TORNALAMADA İŞLEME ZAMANININ HESAPLANMASI — Formulas for turning time / Formeln für Drehen Zeiten

**Çap Tornalamada = th = $\frac{L \times Ps}{n \times f}$** dakika
Urning diameter / Drehdurchmesser — minute

**Alın Tornalama = th = $\frac{d \times \pi \times L \times Ps}{Vc \times 1000 \times f}$** dakika
Length turning / Stirn Drehen — minute

**Ps : Paso Sayısı (kaç defa'da)**
no of passes / Durchgänge

**th : İşleme Zamanı (dakika)**
Processing Time / Bearbeitungszeit (min)

**f : İlerleme (mm)**
Length delivery / Stirn Zustellung (mm)

**Alın Tornalama İçin Boy** — $L = \frac{d1 - d2}{2}$ mm
Length head turning / Länge für Stirn Drehen

**Dolu Malzemede Alın Tornalama** — $L = \frac{d}{2}$ mm
Solid Stock front turning / Massive Werkstücke Stirn Drehen

## YÜZEY FREZELEMEDE KULLANILAN FORMÜLLER — Cutting Recommendations for Miling / Schnitt - Empfehlungen zum Fräsen

**DEVİR SAYISI = n = $\frac{Vc \times 1000}{\pi \times D}$** devir / dakika
Revolutions / Umdrehungen — Revs / min. Umdrehungen / min.

**KESME HIZI = Vc = $\frac{\pi \times D \times n}{1000}$** metre / dakika
Cutting speed / Schnittgeschwindigkeit — meter / min.

**TABLA İLERLEMESİ = Vf = n x z x fz** mm / dak
Delivery / Zustellung — mm / min.

**z :Frezenin Ağız Sayısı (adet)**
Number of tooth / Anzahl Schneiden

**k :Disk Frezenin Efektif Ağız sayısı (adet)**
Effective edge of the cutter / Effektive Schneiden des Fräsers

**fz :Ağız Başına İlerleme (mm/ağız)**
Delivery per cutting mm/Z / Zustellung pro Schneide mm/Z

**th :İşleme Zamanı (dak.)**
Processing time / Bearbeitungszeit minute

**th :İşleme Zamanı (dak.)**
Processing time / Bearbeitungszeit minute

## HASSAS DELİK İŞLEME BARALARI İÇİN

### Cutting Data for finis Boring tools / Schnittdaten für Fein Ausdrehwerk-zeuge

| | Malzeme / Material | HB | Vc | D 9-14 | D 14-24 | D 22-32 | D 28-44 | D 36-56 | D 50-82 | D 80-130 |
|---|---|---|---|---|---|---|---|---|---|---|
| ÇELİKLER Stell / Stahl P | Karbonsuz<br>Low carbon Steel / C-Stahl | 80-125 | 180-300 | 0.04-0.08 | 0.05-0.10 | 0.06-0.11 | 0.05-0.13 | 0.05-0.15 | 0.06-0.15 | 0.08-0.20 |
| | Düşük Karbonlu<br>Low carbon Steel / C-Stahl | 180-280 | 180-300 | 0.03-0.08 | 0.05-0.08 | 0.06-0.10 | 0.06-0.13 | 0.06-0.15 | 0.08-0.15 | 0.10-0.20 |
| | Düşük Alaşımlı<br>Low alloy Stel / Niderig legiettre Stahl | 140-275 | 180-300 | 0.02-0.08 | 0.04-0.08 | 0.05-0.10 | 0.08-0.13 | 0.08-0.15 | 0.08-0.15 | 0.10-0.15 |
| | Yüksek Alaşım<br>High alloy Stel / Hoch legiettre Stahl | 220-325 | 170-300 | 0.02-0.08 | 0.03-0.08 | 0.05-0.10 | 0.06-0.13 | 0.06-0.5 | 0.06-0.15 | 0.10-0.15 |
| | Paslanmaz<br>Austenite / Niro autenitisch (rostfrei) | 135-275 | 150-300 | 0.03-0.04 | 0.04-0.07 | 0.04-0.07 | 0.05-0.10 | 0.05-0.13 | 0.05-0.15 | 0.10-0.15 |
| | Döküm<br>Grey cast iron / Grauguss | 150-260 | 200-350 | 0.03-0.08 | 0.04-0.06 | 0.04-0.10 | 0.08-0.12 | 0.08-0.15 | 0.10-0.15 | 0.10-0.15 |
| | Alüminyum<br>Aluminium | 30-150 | 200-350 | 0.03-0.10 | 0.05-0.10 | 0.05-0.13 | 0.07-0.15 | 0.07-0.15 | 0.10-0.15 | 0.10-0.15 |

## KABA DELİK İŞLEME BARALARI İÇİN

### Cutting Data for Boring tools for rough machining / Schnittdaten für Universal Ausbohröpfe

| | Malzeme / Material | HB | Vc | D 9-14 | D 14-24 | D 22-32 | D 28-44 | D 36-56 | D 50-82 | D 80-130 |
|---|---|---|---|---|---|---|---|---|---|---|
| ÇELİKLER Stell / Stahl P | Karbonsuz<br>Low carbon Steel / C-Stahl | 80-125 | 120-180 | 0.05-0.10 | 0.05-0.12 | 0.10-0.15 | 0.10-0.20 | 0.10-0.22 | 0.10-0.25 | 0.10-0.25 |
| | Düşük Karbonlu<br>Low carbon Steel / C-Stahl | 180-280 | 120-160 | 0.05-0.10 | 0.05-0.12 | 0.10-0.15 | 0.10-0.20 | 0.10-0.22 | 0.10-0.25 | 0.10-0.25 |
| | Düşük Alaşımlı<br>Low alloy Stel / Niderig legiettre Stahl | 140-275 | 120-160 | 0.05-0.10 | 0.05-0.10 | 0.10-0.15 | 0.10-0.20 | 0.10-0.22 | 0.10-0.25 | 0.10-0.25 |
| | Yüksek Alaşım<br>High alloy Stel / Hoch legiettre Stahl | 220-325 | 130-160 | 0.05-0.10 | 0.05-0.10 | 0.10-0.20 | 0.10-0.20 | 0.10-0.20 | 0.10-0.25 | 0.10-0.25 |
| | Paslanmaz<br>Austenite / Niro autenitisch (rostfrei) | 135-275 | 110-150 | 0.05-0.10 | 0.07-0.10 | 0.08-0.12 | 0.10-0.20 | 0.10-0.20 | 0.10-0.25 | 0.10-0.25 |
| | Döküm<br>Grey cast iron / Grauguss | 150-260 | 90-180 | 0.08-0.10 | 0.084-0.10 | 0.10-0.20 | 0.10-0.20 | 0.10-0.25 | 0.10-0.25 | 0.10-0.25 |
| | Alüminyum<br>Aluminium | 30-150 | 150-220 | 0.08-0.12 | 0.10-0.15 | 0.10-0.15 | 0.10-0.20 | 0.10-0.25 | 0.10-0.25 | 0.10-0.25 |

## 3D U-DRILL' LER İÇİN

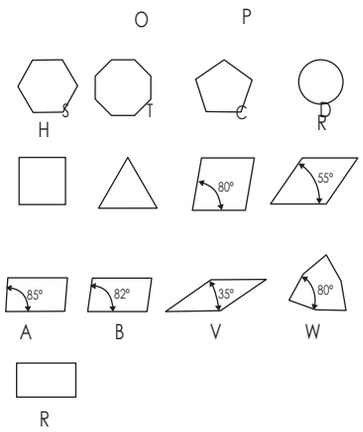
### Cutting Data for 3XD Insert Drills / Schnittdaten für 3xD Vollbohrer

| | Malzeme / Material | | HB | Vc | D 13-15 | D 16-24 | D 25-32 | D 33-40 | D 41-56 |
|---|---|---|---|---|---|---|---|---|---|
| ÇELİKLER Stell / Stahl P | Karbonsuz<br>Low carbon Steel / C-Stahl | <0.15%C<br>0.15-0.45%C | 80-170 | 120-220 | 0.04-0.08 | 0.05-0.10 | 0.05-0.10 | 0.04-0.10 | 0.08-0.12 |
| | Düşük Karbonlu<br>Low carbon Steel / C-Stah | >=0.45%C | 180-280 | 80-180 | 0.04-0.08 | 0.04-0.10 | 0.05-0.12 | 0.08-0.15 | 0.10-0.20 |
| | Düşük Alaşımlı<br>Low alloy Stel / Niderig legiettre Stahl | | 140-275 | 70-150 | 0.04-0.10 | 0.06-0.13 | 0.01-0.18 | 0.11-0.20 | 0.13-0.25 |
| | Yüksek Alaşım<br>High alloy Stel / Hoch legiettre Stahl | | 220-325 | 30-150 | 0.04-0.08 | 0.04-0.10 | 0.06-0.12 | 0.08-0.14 | 0.10-0.18 |
| | Paslanmaz<br>Austenite / Niro autenitisch (rostfrei) | | 135-275 | 50-130 | 0.04-0.08 | 0.04-0.10 | 0.06-0.12 | 0.08-0.14 | 0.10-0.18 |
| | | | 135-275 | 60-150 | 0.04-0.08 | 0.04-0.12 | 0.06-0.14 | 0.08-0.18 | 0.12-0.20 |
| | Döküm<br>Grey cast iron / Grauguss | | 150-220 | 130-220 | 0.04-0.12 | 0.06-0.14 | 0.08-0.18 | 0.10-0.20 | 0.12-0.25 |
| | Alüminyum<br>Aluminium | | 30-150 | 150-280 | 0.04-0.12 | 0.06-0.14 | 0.08-0.16 | 0.10-0.20 | 0.12-0.25 |

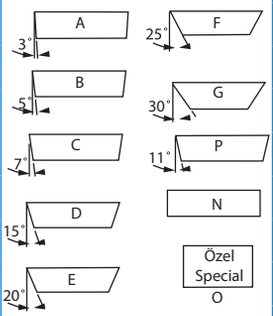
| ISO | Malzeme / Material | HB | Malzeme No. | DIN | TS | ABD AISI/SAE |
|---|---|---|---|---|---|---|
| P ÇELİKLER Steel / Stahl | **Alaşımsız Çelikler**<br>Low carbon Steel<br>C-Stahl | | 1.0116 | St 37-3 | St 37-3 | A 573-81 65 |
| | %C0,05-0,25 | 80 - 170 | 1.0401<br>1.0402<br>1.0715<br>1.0718<br>1.0722<br>1.0736<br>1.0737<br>1.1141<br>1.1158 | C15<br>C22<br>9SMn28<br>9SMnPb28<br>10SPb20<br>9SMn36<br>9SMnPb36<br>Ck15<br>Ck25 | C15<br>C22<br>9SMn28<br>9SMnPb28<br>10SPb20<br>9SMn36<br>9SMnPb36<br>Ck15<br>Ck25 | 1015<br>1020<br>1213<br>12L13<br>-<br>1215<br>12L14<br>1015<br>1025 |
| | %C0,25-0,55 | 125-225 | 1.0501<br>1.0503<br>1.0726<br>1.1157<br>1.1167<br>1.1170<br>1.1191 | C35<br>C45<br>35S20<br>40Mn4<br>36Mn5<br>28Mn6<br>Ck 45 | C35<br>C45<br>35S20<br>40Mn4<br>36Mn5<br>28Mn6<br>Ck 45 | 1035<br>1045<br>1140<br>1039<br>1335<br>1330<br>1045 |
| | %C0,55-0,80 | 150-225 | 1.0535<br>1.1203<br>1.1221 | C 55<br>Ck 55<br>Ck 60 | C 55<br>Ck 55<br>Ck 60 | 1055<br>1055<br>1060 |
| | **Düşük Alaşımlı Çelikler**<br>Low alloy Stel<br>Niderig legiettre Stahl | 140 - 275 | 1.0841<br>1.0961<br>1.3505<br>1.6523<br>1.6546<br>1.7131<br>1.6582<br>1.7035<br>1.7218<br>1.7225<br>1.8159 | St52-3<br>60SiCr7<br>100Cr6<br>21NiCrMo2<br>40NiCrMo22<br>16MnCr5<br>35CrNiMo6<br>41Cr4<br>25CrMo4<br>42CrMo4<br>50CrV4 | St52-3<br>60SiCr7<br>100Cr6<br>21NiCrMo2<br>40NiCrMo22<br>16MnCr5<br>35CrNiMo6<br>41Cr4<br>25CrMo4<br>42CrMo4<br>50CrV4 | 5120<br>9262<br>52100<br>8620<br>8740<br>5115<br>4340<br>5140<br>4130<br>4140<br>6150 |
| | **Yüksek Alaşımlı Çelikler**<br>High alloy Stel<br>Hoch legiettre Stahl | 220 - 325 | 1.2080<br>1.2344<br>1.3343<br>1.2379 | X210Cr12<br>X40CrMoV51<br>S6-5-2<br>X210Cr12G | X210Cr12<br>X40CrMoV51<br>S6-5-2<br>X210Cr12G | D3<br>H13<br>D3<br>HNV3 |
| M PASLANMAZ Austenite / Rostfrei | **Öztenitik Malzemeler**<br>Austenite | 135 - 175 | 1.4350<br>1.4401<br>1.4845 | X5CrNi189<br>X5CrNiMo18-10<br>X12CrNi25-21 | X5CrNi189<br>X5CrNiMo18-10<br>X12CrNi25-21 | 304<br>316<br>310S |
| | **Feritik/Martensitik Malzemeler** | 135 - 275 | 1.4000<br>1.4005<br>1.4006 | X7Cr13<br>X12CrS13<br>X10Cr13 | X7Cr13<br>X12CrS13<br>X10Cr13 | 403<br>416<br>410 |
| K DÖKÜM Cast iron / Guss | **Gri Dökme Demirler**<br>Grey cast iron<br>Grauguss | 150 - 220 | 0.6015<br>0.6020<br>0.6025<br>0.6030<br>0.6035 | GG15<br>GG20<br>GG25<br>GG30<br>GG35 | GG15<br>GG20<br>GG25<br>GG30<br>GG35 | No25B<br>No30B<br>No35B<br>No45B<br>No50B |
| | **Temper Döküm**<br>Malleble cast iron<br>Temperguss | 150 - 250 | 0.8145<br>0.8155 | GTS45<br>GTS50 | GTS45<br>GTS50 | 40010<br>50005 |
| | **Sfero Dökme Demirler**<br>Spheroidal cast iron<br>Sphäroguss | 180 - 260 | 0.7040<br>0.7050<br>0.7070 | GGG40<br>GGG50<br>GGG70 | GGG40<br>GGG50<br>GGG70 | 60-40-18<br>80-85-06<br>100-70-03 |
| N ALÜMİNYUM Aluminium | **Alüminyum Alaşımları**<br>Aluminium alloy<br>Aluminium Legierungen | 30 - 150 | 3.0255<br>3.2315 | AL99,5<br>ALMgSi1 | AL99,5<br>ALMgSi1 | 1000<br>- |
| | **Özel Alaşımlar**<br>Special Alloys<br>Sonder Legierungen | 30 - 150 | 3.1325<br>3.3245 | ALMg1<br>ALMg3Si | ALMg1<br>ALMg3Si | 2024<br>- |

● *Stokta/ In Stock / Lager* ○ *Sınırlı Stok / Limited Stock / Begrenzte Lagerhaltung*

## 1 — Kesici Uç Tipi / Cutting Style / Plattenform

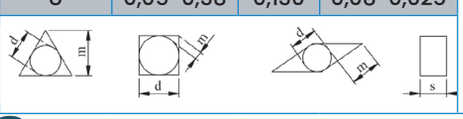



## 2 — Uç Açısı / Clearenge Angle / Fräswinkel

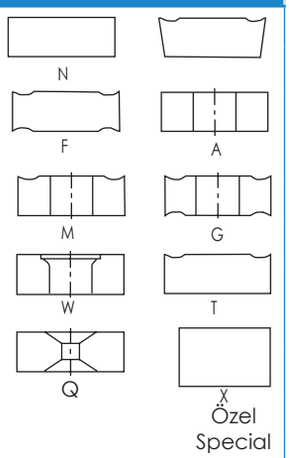



## 3 — Uç Toleransları / Tolerance / Toleranz

| Sembol | m (+) | s (+) | d (+) |
|---|---|---|---|
| A | 0,005 | 0,025 | 0,025 |
| F | 0,005 | 0,025 | 0,013 |
| C | 0,013 | 0,025 | 0,025 |
| H | 0,013 | 0,025 | 0,013 |
| E | 0,025 | 0,025 | 0,025 |
| G | 0,025 | 0,130 | 0,05-0,013 |
| J | 0,005 | 0,025 | 0,05-0,013 |
| K | 0,013 | 0,025 | 0,05-0,013 |
| L | 0,025 | 0,025 | 0,05-0,013 |
| M | 0,08-0,18 | 0,130 | 0,05-0,013 |
| N | 0,08-0,18 | 0,025 | 0,05-0,013 |
| U | 0,05-0,38 | 0,130 | 0,08-0,025 |

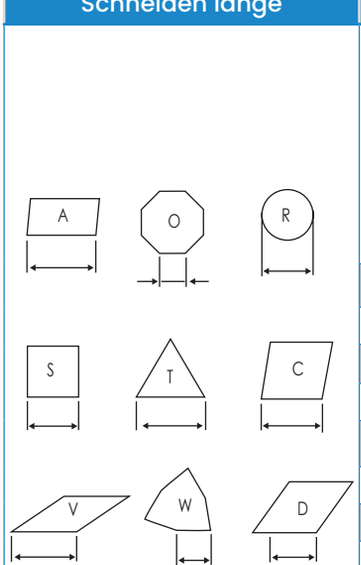



## 4 — Kesici Uç Delik Tipi / Type of Insert / Plattentyp

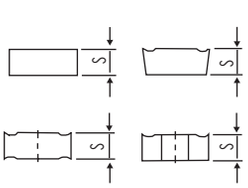



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## 5 — Kesme Kenar Uzunluğu / Length of Cutting Edge / Schneiden länge

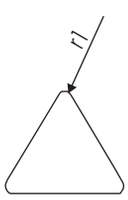



## 6 — Uç Kalınlığı / Height of Cutting Edge / Schneidkantenhöhe



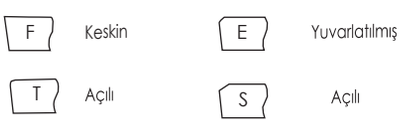

| Sembol | S |
|---|---|
| 01 | 1,59 |
| T1 | 1,98 |
| 02 | 2,38 |
| T2 | 2,58 |
| 03 | 3,18 |
| T3 | 3,97 |
| 04 | 4,76 |
| 05 | 5,56 |
| 06 | 6,35 |
| 07 | 7,94 |
| 09 | 9,52 |

## 7 — Uç Radüsü / Insert Radius / Planfase oder Eckenradius

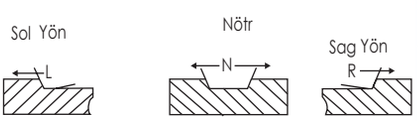



| Sembol | m (+) |
|---|---|
| 00 | 0 |
| 02 | 0,2 |
| 04 | 0,4 |
| 08 | 0,8 |
| 12 | 1,2 |
| 16 | 1,6 |
| 24 | 2,4 |
| 32 | 3,2 |

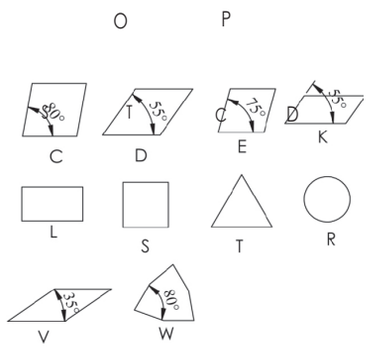
## 8 — Kesme Kenarı Şekli / Insert Shapes / WSP-FORM



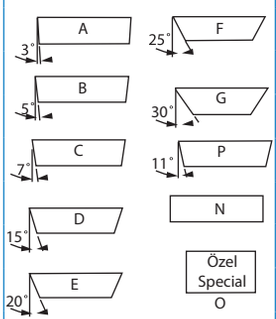

## 9 — İlerleme Yönü / Bearbeitung Spichtung / Hand of Tool



## 1 Kesici Uç Tipi
Cutting Style
*Plattenform*

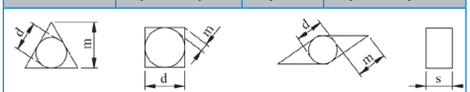



## 2 Uç Açısı
Insert Angle
*Fräswinkel*

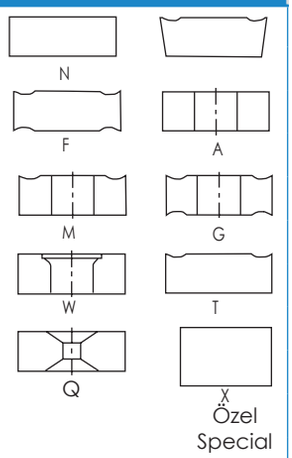



## 3 Uç Toleransları
Tolerance
*Toleranz*

| Sembol | m (+) | s (+) | d (+) |
|---|---|---|---|
| A | 0,005 | 0,025 | 0,025 |
| F | 0,005 | 0,025 | 0,013 |
| C | 0,013 | 0,025 | 0,025 |
| H | 0,013 | 0,025 | 0,013 |
| E | 0,025 | 0,025 | 0,025 |
| G | 0,025 | 0,130 | 0,05-0,013 |
| J | 0,005 | 0,025 | 0,05-0,013 |
| K | 0,013 | 0,025 | 0,05-0,013 |
| L | 0,025 | 0,025 | 0,05-0,013 |
| M | 0,08-0,18 | 0,130 | 0,05-0,013 |
| N | 0,08-0,18 | 0,025 | 0,05-0,013 |
| U | 0,05-0,38 | 0,130 | 0,08-0,025 |

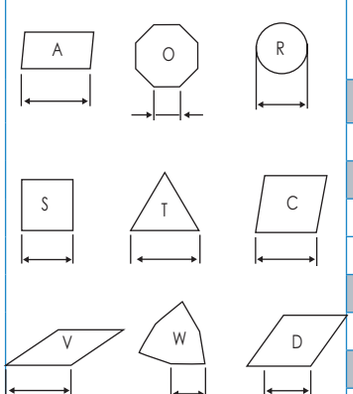



## 4 Kesici Uç Delik Tipi
Type of Insert
*Plattentyp*

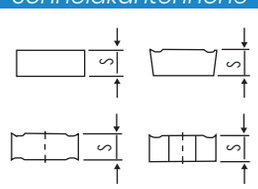



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## 5 Kesme Kenar Uzunluğu
*Length of Cutting Edge*
Schneiden länge

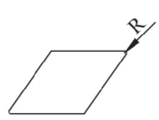



## 6 Uç Kalınlığı
Height of Cutting Edge
*Schneidkantenhöhe*




| Sembol | S |
|---|---|
| 01 | 1,59 |
| T1 | 1,98 |
| 02 | 2,38 |
| T2 | 2,58 |
| 03 | 3,18 |
| T3 | 3,97 |
| 04 | 4,76 |
| 05 | 5,56 |
| 06 | 6,35 |
| 07 | 7,94 |
| 09 | 9,52 |

## 7 Uç Radüsü
Insert Radius
*Planfase oder Eckenradius*

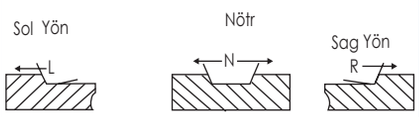



| Sembol | m (+) |
|---|---|
| 00 | 0 |
| 02 | 0,2 |
| 04 | 0,4 |
| 08 | 0,8 |
| 12 | 1,2 |
| 16 | 1,6 |
| 24 | 2,4 |
| 32 | 3,2 |

## 8 Kesme Kenarı Şekli
Insert Shapes
*WSP-FORM*

| | | | |
|---|---|---|---|
| F | Keskin | E | Yuvarlatılmış |
| T | Açılı | S | Açılı |

## 9 Uç Formları
Insert Shapes
*WSP-Forml*




● *Stokta/ In Stock / Lager* ○ *Sınırlı Stok / Limited Stock / Begrenzte Lagerhaltung*

# S 32 T D D U N R 15

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|---|---|---|---|---|---|---|---|---|
| **Takım Malzemesi** Type of Shank *Schaftausführung* | **Şaft Genişliği** Shank *Schaft* | **Takım Boyu** Tool Length *Werkzeuglänge* | **Uç Bağlama Sistemi** Clamping System *Klemmsystem* | **Kesici Uç Tipi** Insert From *WSP-Form* | **Kater Tipi** Tool Type Shank *Werkzeugtyp* | **Uç Açısı** Insert Angle WSP-Freiwinkel | **Kenar Yönü** Holder Execution *Bearbestungs-richtung* | **Uç Kenar Uzunluğu** Cutting Edge *WSP-Grösse* |
| A: Çelik Gövdeli içten Sogutmalı Coolan Through Steel Shank Mit Kühlbohrung | (mm) | (mm) | D ÇEKTİRMELİ<br>M BASKI PABUÇLU<br>P LEVYELİ<br>S VİDALI | A B C D E H K L M O P R S T V W | X = ÖZEL Special Sonderform | A 3° B 5° C 7° D 15° E 20° F 25° G 30° P 11° N Özel Special O | R L | A (mm) B C D E K L M O P R S T V W |
| C: Toz Metal Gövdeli Hardmetal Shank Hartmetall Stahlkopf | 06 = 6 | D = 60 | | | | | | |
| | 08 = 8 | E = 70 | | | | | | |
| | 10 = 10 | F = 80 | | | | | | |
| | 12 = 12 | G = 90 | | | | | | |
| | 14 =14 | H = 100 | | | | | | |
| | 16 = 16 | J = 110 | | | | | | |
| | 20 = 20 | K = 125 | | | | | | |
| | 22 = 22 | L = 140 | | | | | | |
| | 25 = 25 | M = 150 | | | | | | |
| | 32 = 32 | N = 160 | | | | | | |
| | 40 = 40 | P = 170 | | | | | | |
| | 50 = 50 | Q = 180 | | | | | | |
| E: Toz Metal Gövdeli içten Sogutmalı Hardmetal Shank With Coolant Hole Hartmetall Schaftmit Stahlkopf und Kühbohrung | | R = 200 | | | | | | |
| | | S = 250 | | | | | | |
| | | T = 300 | | | | | | |
| | | U = 350 | | | | | | |
| | | V = 400 | | | | | | |
| | | W = 450 | | | | | | |
| | | Y = 500 | | | | | | |
| | | X = ÖZEL Special Sonderform | | | | | | |
| S: Çelik Gövdeli Steel Shank Stahl Schaft | | | | | | | | |

| D | D | J | N | R | 20 | 20 | K | 15 |
|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| **Uç Bağlama Sistemi** Clamping System *Klemmsystem* | **Kesici Uç Tipi** Cutting Style *Plattenform* | **Kater Tipi** Type *Werkzeugtyp* | **Uç Açısı** Insert Angle *WSP-Freiwinkel* | **Kater Yönü** Holder Execution *Bearbeitungs-richtung* | **Şaft Yüksekliği** Height of Shank *Schaftquerschnitts* | **Şaft Genişliği** Width of Shank *Schafbreite* | **Takım Boyu** Length of Holder *Werkzeuglänge* | **Uç Kenar Uzunluğu** Length of Cutting Edge *WSP-Grösse* |
| D ÇEKTİRMELİ<br>M BASKI PABUÇLU<br>P LEVYELİ<br>S VİDALI | A 45°<br>B 45°<br>C 90°<br>D 55°<br>E 75°<br>H 120°<br>K 55°<br>L 90°<br>M 86°<br>O 135°<br>P 108°<br>R<br>S 90°<br>T 60°<br>V 35°<br>W 80° | A 90°<br>B 75°<br>C 90°<br>D 45°<br>E 60°<br>F 90°<br>G<br>J 93°<br>K 75°<br>L 95°<br>N 62°30'<br>P 117°30'<br>Q 107°30'<br>R 75°<br>S 45°<br>V 72°30' | A 3°<br>B 5°<br>C 7°<br>D 15°<br>E 20°<br>F 25°<br>G 30°<br>P 11°<br>N<br>Özel Special O | L<br>R<br>N | (mm) | (mm) | (mm) | A (mm)<br>B<br>C<br>D<br>E<br>K<br>L<br>M<br>O<br>P<br>R<br>S<br>T<br>V<br>W |

| | | |
|---|---|---|
| 06 = 6 | 06 = 6 | D = 60 |
| 08 = 8 | 08 = 8 | E = 70 |
| 10 = 10 | 10 = 10 | F = 80 |
| 12 = 12 | 12 = 12 | G = 90 |
| 14 =14 | 14 =14 | H = 100 |
| 16 = 16 | 16 = 16 | J = 110 |
| 20 = 20 | 20 = 20 | K = 125 |
| 22 = 22 | 22 = 22 | L = 140 |
| 25 = 25 | 25 = 25 | M = 150 |
| 32 = 32 | 32 = 32 | N = 160 |
| 40 = 40 | 40 = 40 | P = 170 |
| 50 = 50 | 50 = 50 | Q = 180 |
| | | R = 200 |
| | | S = 250 |
| | | T = 300 |
| | | U = 350 |
| | | V = 400 |
| | | W = 450 |
| | | Y = 500 |
| | | X = ÖZEL Special Sonderform |

● *Stokta/ In Stock / Lager* ○ *Sınırlı Stok / Limited Stock / Begrenzte Lagerhaltung*