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the spoken quality...
qualität über die man spricht...

2022 KATALOĞU CATALOGUE KATALOG

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

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1986 yılında Abdullah KARAKUŞ tarafından kurulan AKKO Oto. Mak. Hırd. San. Tic. Ltd. Şti. Tornalama Takımları, Diş ve Kanal Açma Takımları, Delik Delme Takımları, Frezeleme Takımları ve talebe yönelik Özel Takımları üretmektedir. Şu an 39.000 m²' ye yakın bir alanda Türkiye, Japonya, Almanya, İsviçre gibi ülkelerin ürettikleri son teknoloji tezgah ve ekipmanlarıyla yıllık 400.000 adet üretim kapasitesiyle, standart 10.000 çeşit takım üretimi yapmaktadır. Avrupa, Asya, Afrika, Güney Amerika, Kuzey Amerika ve Orta Doğu kıtalarında şimdilik 90 ülkeye ürün sevkiyatına devam etmektedir. Minimum 300.000 adet üretilmiş ürün stoklarında mevcut bulunmaktadır. Firma için özel üretilen çelik hammadde işleme girer ve bütün üretim süreci kendi bünyesinde gerçekleşmektedir. Çeliğin işlenmesi, ısıl işlemi, üzerindeki kaplama ve her türlü üretim operasyonları bir entegre tesis olan AKKO'da yapılmaktadır.

We as AKKO Oto. Mak. Hırd. San. Tic. Ltd. Şti, which has been founded by Abdullah KARAKUŞ in 1986, produces Turning Tool Holders, Threading and Grooving Tool Holders, U-Drills, Milling Tool Holders, and Precision Tool Holders (OEM Tool Holders) on-demand. We produce standard 10.000 kinds of tool holders with a production capacity of 400.000 pieces per annum in an area of about 39.000 square meters. We are going on exporting to 90 countries including European, Asian, African, South American Countries, North American Countries, and Middle East Countries. We keep ready about 300.000 pieces produced products in our stock. Steel Raw materials that we make produced especially for us are delivered our factory and all production process are made in our factory. All kinds of operations from machining of steel to heat treatment and coating on our tools are made in our integrated factory AKKO.

Wir die Firma AKKO Oto. Mak. Hırd. San. Tic. Ltd. Şti, welches durch Herrn Abdullah Karakuş in 1986 gegründet wurde, produzieren Dreh-, Gewinde- und Stechwerkzeuge für Wendeschneidplatten. Ebenso gehören Wendeplattenbohrer, Wendeplattenfräser und Sonderwerkzeuge nach Anfrage für Wendeplatten zum Lieferprogramm. Alle Werkzeuge sind auch als OEM-Version lieferbar. Wir produzieren 10.000 standart Arten der Werkzeughalter mit einer Produktionskapazität von 400.000 Stücken per anum auf einer Fläche von 39.000 quadrat meter. Wir exportieren unsere eigenproduzierten Ware nach 90 Ländern, Europa, Asien, Afrika, Süd amerikanische Länder, Mittlerer Osten. Lieferbereit halten wir 300.000 Stück produzierte Produkte auf Lager. Das eingesetzte Rohmaterial wird speziell für unsere Firma produziert. Alle Produktionsschritte werden auf unseren eigenen Anlagen veranlasst. Alle einzelenen Produktionsschritte wie z.B. mechanische Bearbeitung, Wärmebehandlung und Beschichtung unserer Werkzeuge erfolgen auf unseren eigenen Maschinenanlagen.

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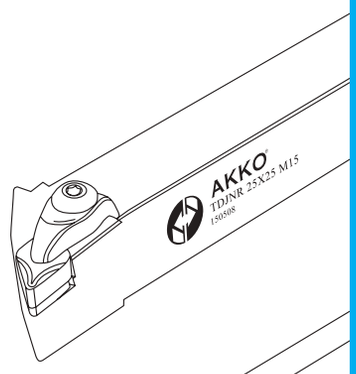

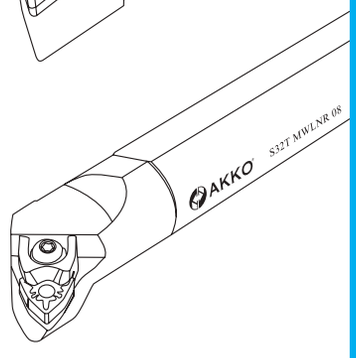

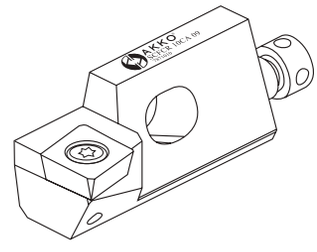

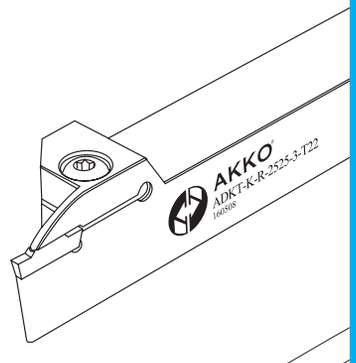

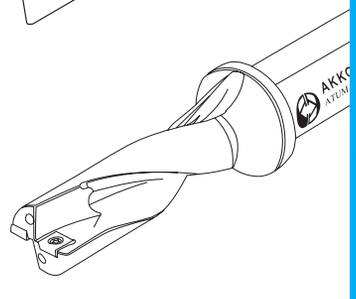

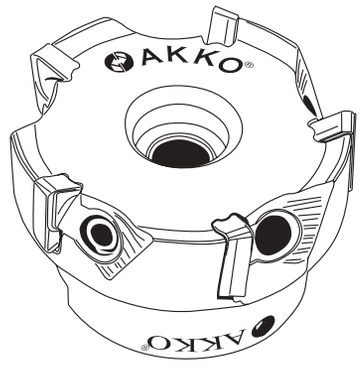

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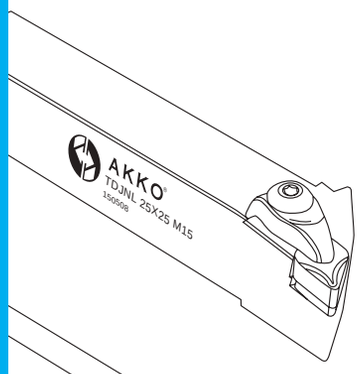

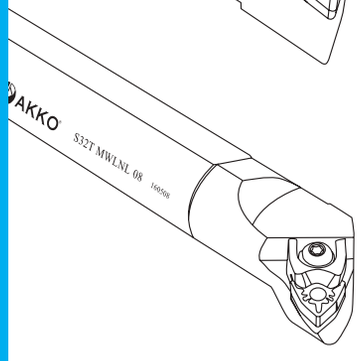

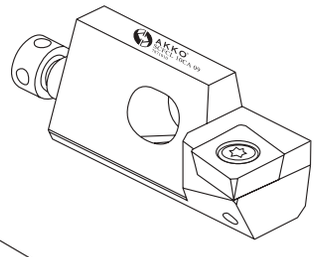

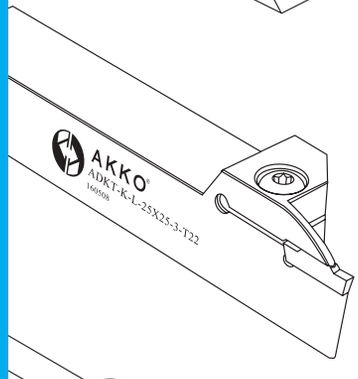

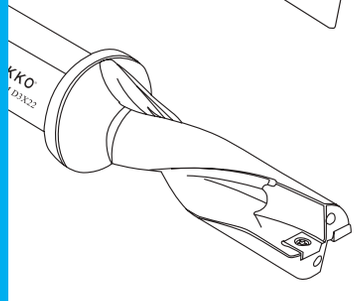

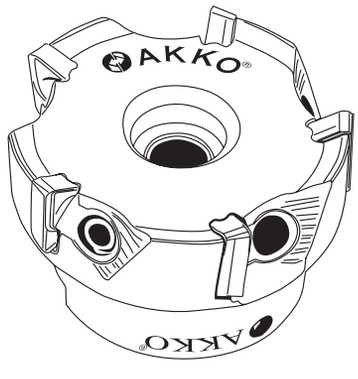

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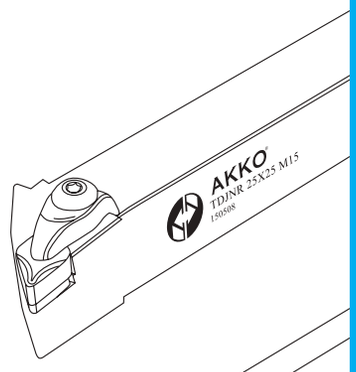

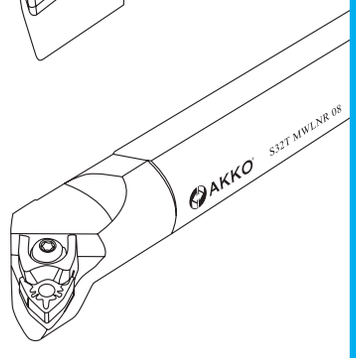

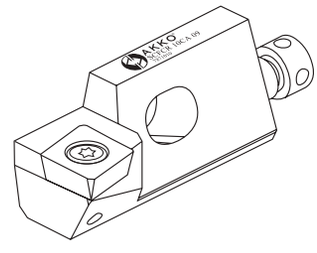

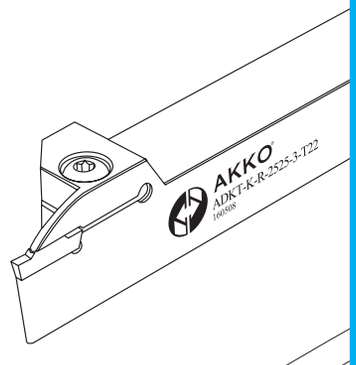

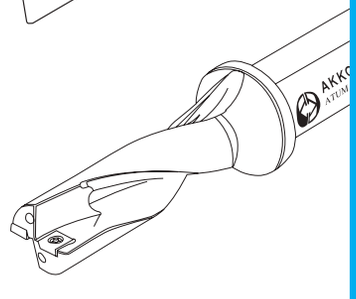

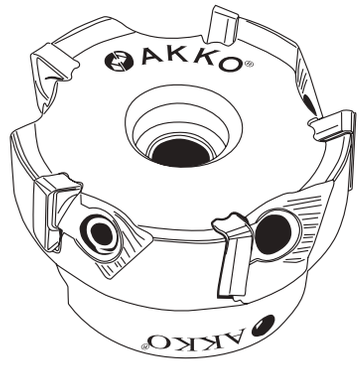

konuşulan
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EXTERNAL TURNING TOOLHOLDERS

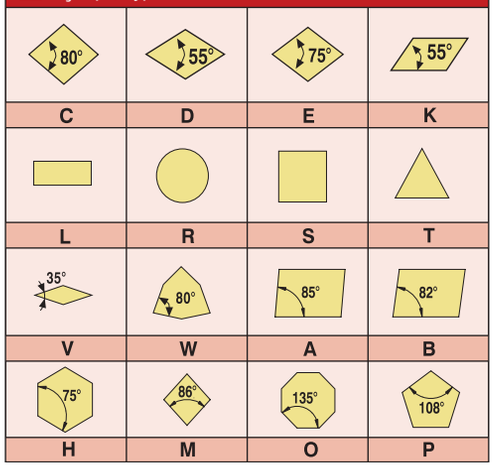
DREHEN - AUßENDREHHALTER

P	S	K	N	R
1	2	3	4	5

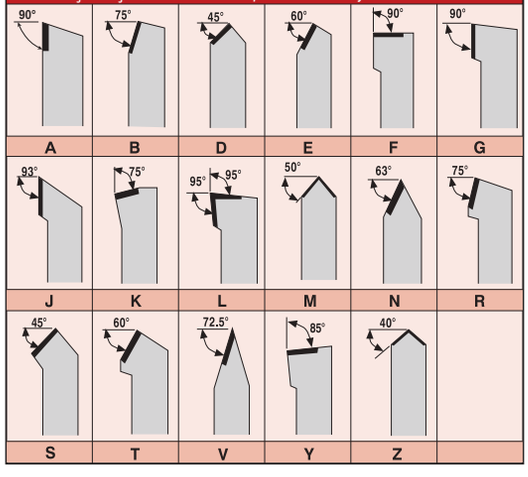
1 Sıkma Tipi / *Method of Mounting of Insert / Klemmsystem*

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

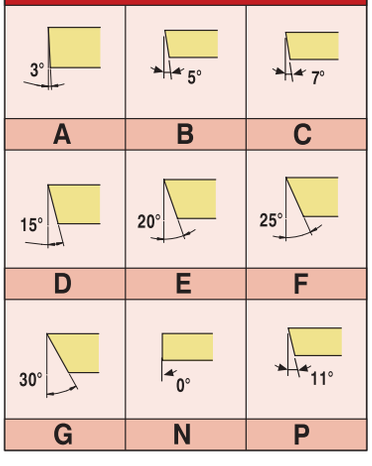
2 Uç Tipi / *Type of Insert / Plattenform*



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

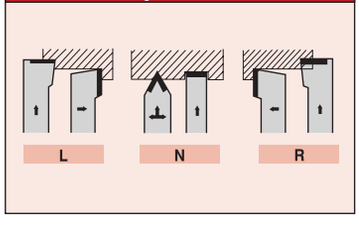


4 Serbest Uç Açısı / *Insert Clearance Ange Freiwinkel / Freiwinkel*

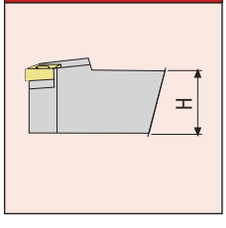


25	25	-	M	12	C
6	7		8	9	10

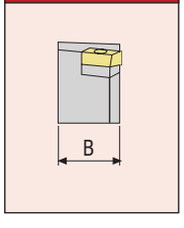
5 Kesme Yönü / *Cutting Direction / Halterausführung*



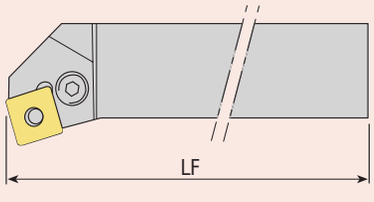
6 Kesme Kenar Yüksekliği / *Cutting Edge Height / Schafthöhe*



7 Şaft Genişliği / *Shank Width Schaftbreite*



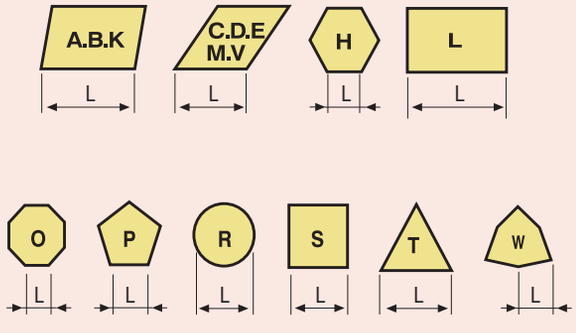
8 Şaft Boyu / *Shank Length / Schaftlänge*



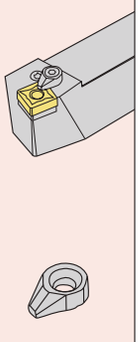
(mm)

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

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



10 Baskı Pabucu *Wedge Clamp Spannpratze*



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T-SYSTEM EXTERNAL TURNING TOOLHOLDERS
T-SYSTEM AUSSEN - DREHHALTER MIT INNENKÜHLUNG

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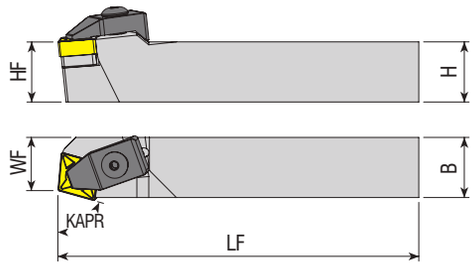
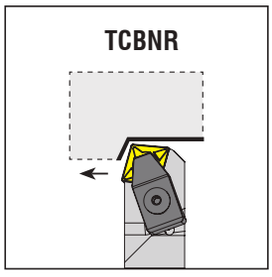
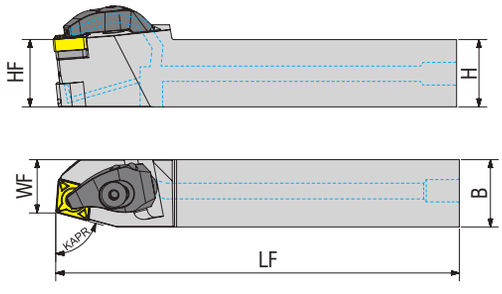
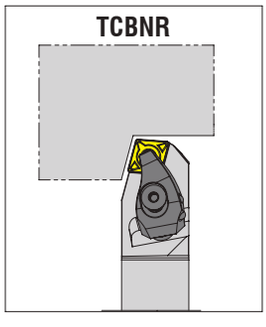




Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Baskı Pabucu *Wedge Clamp* *Spannpratze*	Pabuç Vidası *Clamp Screw*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

new

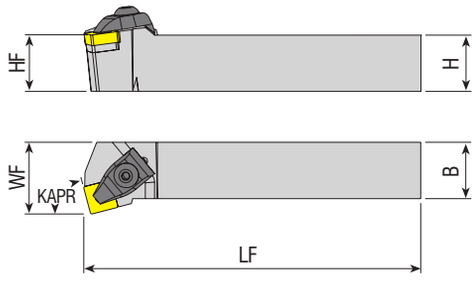


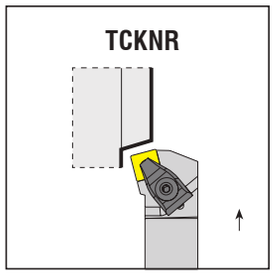


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Baskı Pabucu *Wedge Clamp* *Spannpratze*	Pabuç Vidası *Clamp Screw*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

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

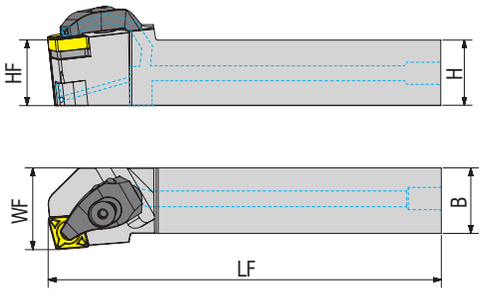
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück TCBNR/L 2525 M16

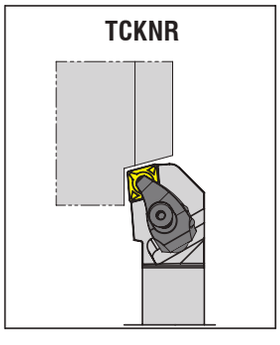




Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Baskı Pabucu *Wedge Clamp* *Spannpratze*	Pabuç Vidası *Clamp Screw*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

new

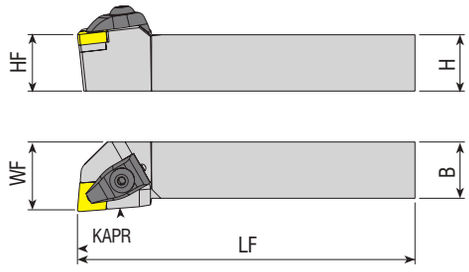


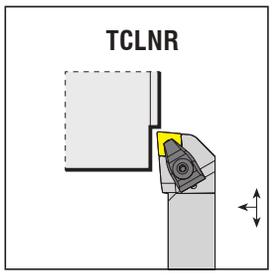


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Baskı Pabucu *Wedge Clamp* *Spannpratze*	Pabuç Vidası *Clamp Screw*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

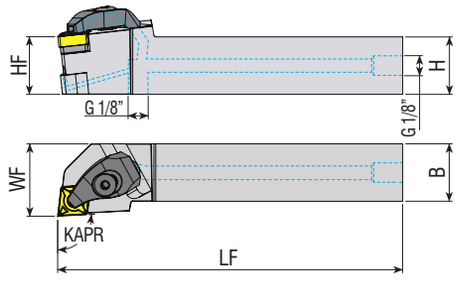
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock /*Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

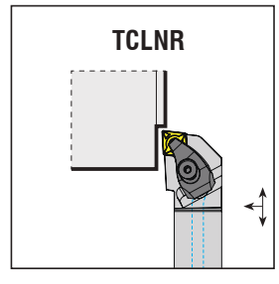
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück TCKNR 2020 K12





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

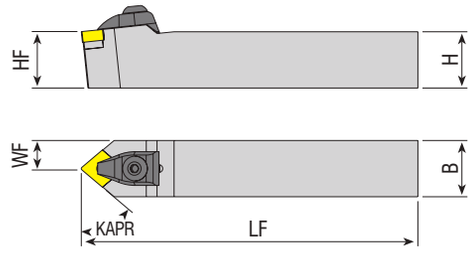


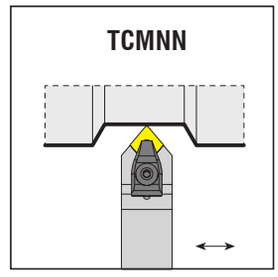


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok *Stock* *Lager* L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Baskı Pabucu *Wedge Clamp* *Spannpratze*	Pabuç Vidası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

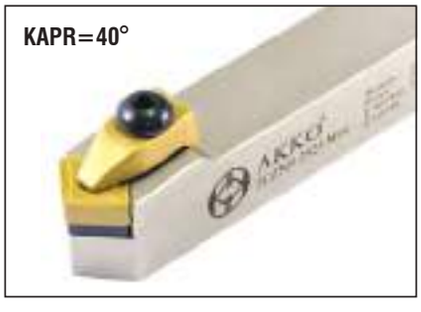
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

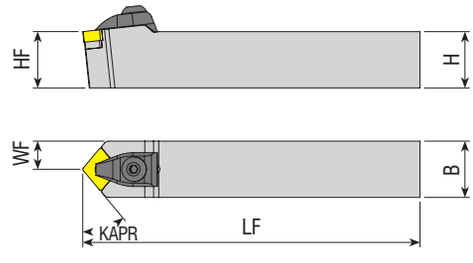
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück TCLNR 2020 K12

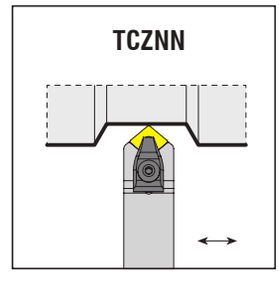




Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager*	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Baskı Pabucu *Wedge Clamp* *Spannpratze*	Pabuç Vidası *Clamp Screw* *Klemmschraube*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



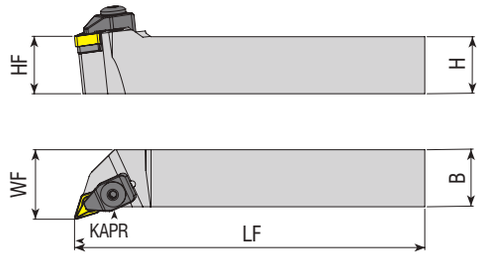


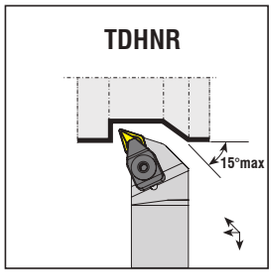


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager*	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Baskı Pabucu *Wedge Clamp* *Spannpratze*	Pabuç Vidası *Clamp Screw* *Klemmschraube*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

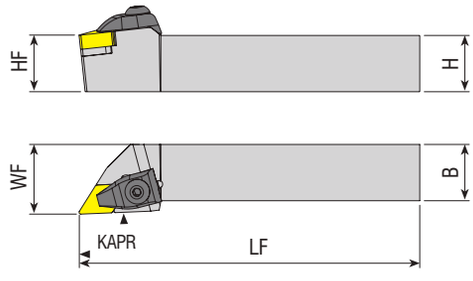
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

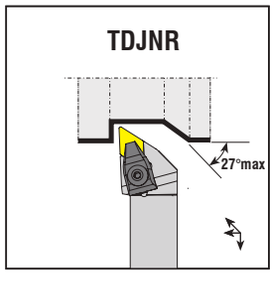
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück TCMNN 1616 H12





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

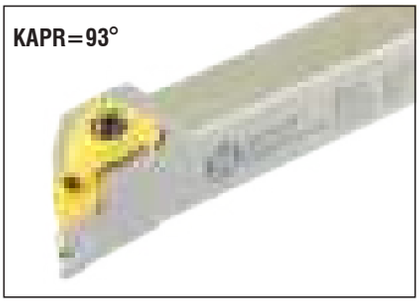


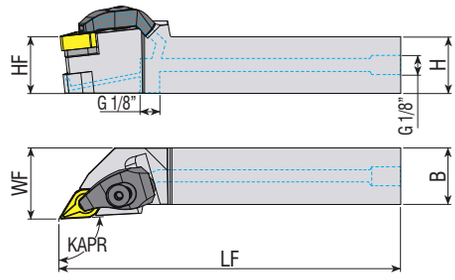


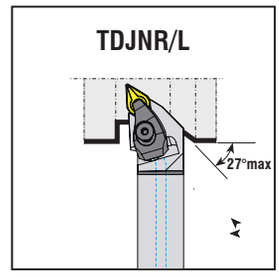
Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Baskı Pabucu *Wedge Clamp* *Spannpratze*	Pabuç Vidası *Clamp Screw*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

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

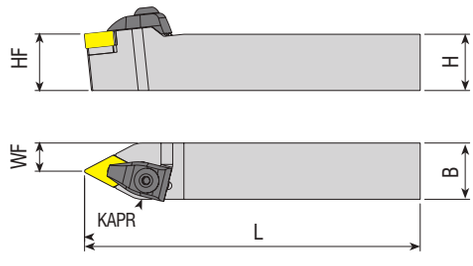
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück TDHNR 2525 M11

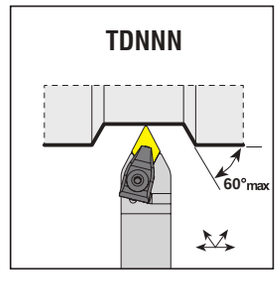






Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Baskı Pabucu *Wedge Clamp* *Spannpratze*	Pabuç Vidası *Clamp Screw*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

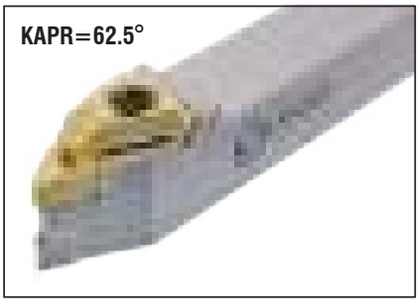


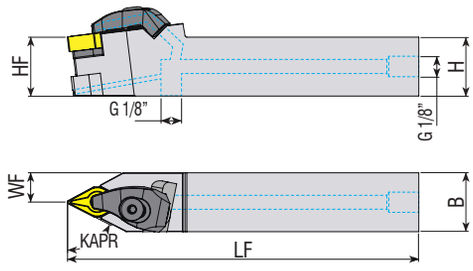


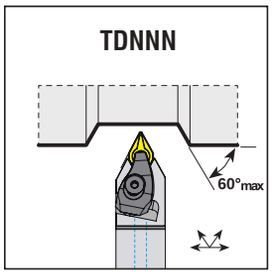
Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager*	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Baskı Pabucu *Wedge Clamp* *Spannpratze*	Pabuç Vidası *Clamp Screw* *Klemmschraube*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

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

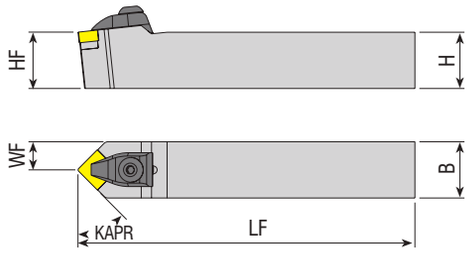
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück TDJNR 2020 K15-H

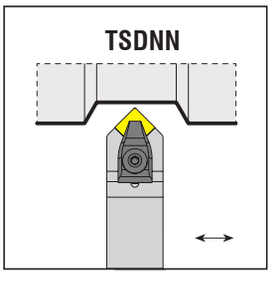






Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager*	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile* Baskı Pabucu *Wedge Clamp* *Spannpratze*	Pabuç Vidası *Clamp Screw* *Klemmschraube*	Altlık *Shim* *Unterlage*	Altlık Vidası *Shim Screw* *Schraube für Unterlage*	Yay *Spring* *Feder*	Oring *Ring* *Feder*	Sızdırmaz Vida *Threaded Pin* *Резьбовой Винт*	Anahtar *Allen Key* *Innensechskantschlüssel*
TDNNN 2525 M15-H	●	25	25	150	32	**DNM. 1506..**	ATKH-01-R ATKH-02-L	AKV-33-M6x22	AADN-3-0001	AAV-13-M5x8	AKY-01	AXR-01	2705-G1/8x5.5	AAL-03-3

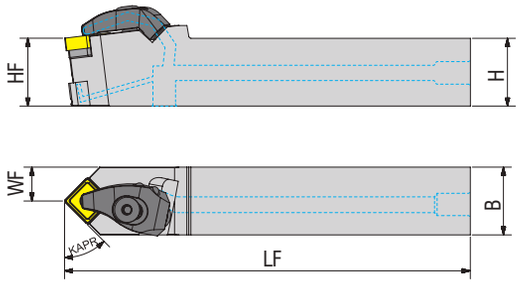


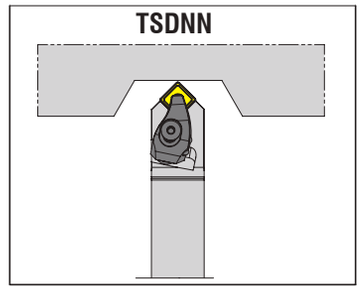


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager*	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile* Baskı Pabucu *Wedge Clamp* *Spannpratze*	Pabuç Vidası *Clamp Screw* *Klemmschraube*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

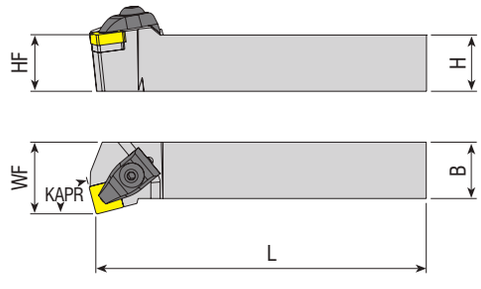
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock /*Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

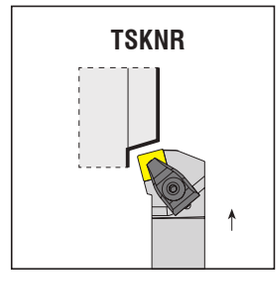
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück TDNNN 2525 M15-H





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

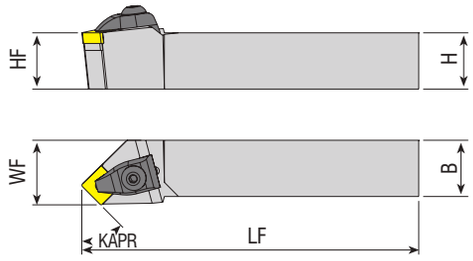


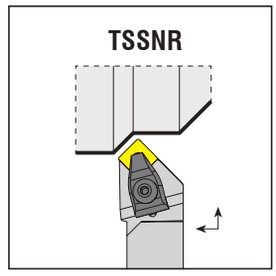


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Baskı Pabucu *Wedge Clamp* *Spannpratze*	Pabuç Vidası *Clamp Screw*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

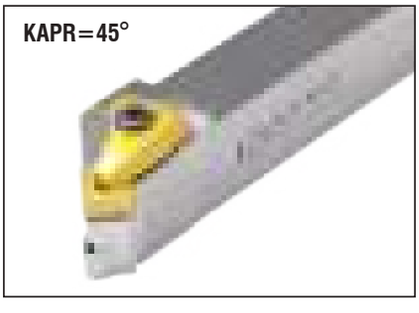
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

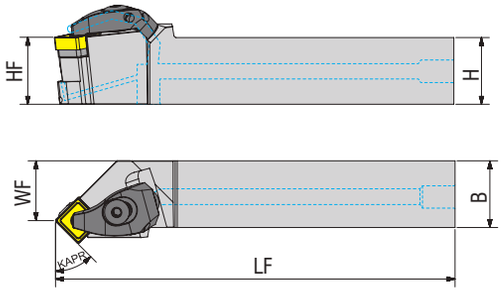
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück TSDNN 2525 M12-H

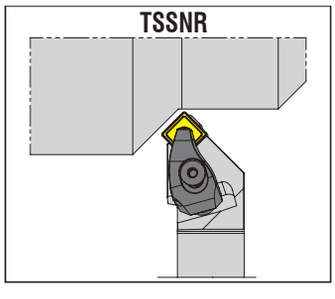




Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Baskı Pabucu *Wedge Clamp* *Spannpratze*	Pabuç Vidası *Clamp Screw*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



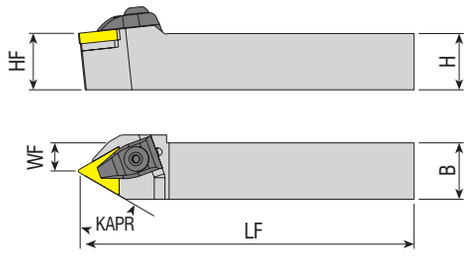


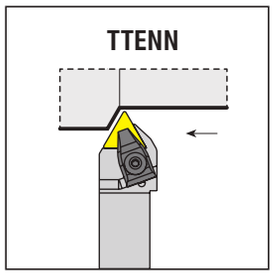


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Baskı Pabucu *Wedge Clamp* *Spannpratze*	Pabuç Vidası *Clamp Screw*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

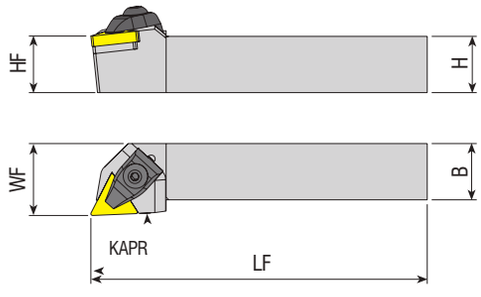
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock /*Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

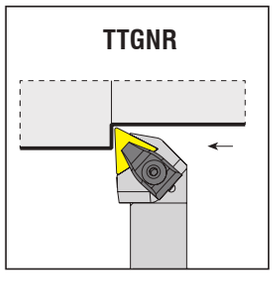
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück TSSNR 2020 K12





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

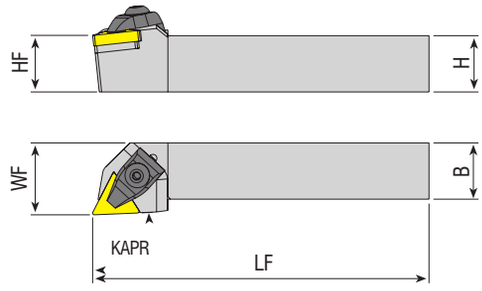


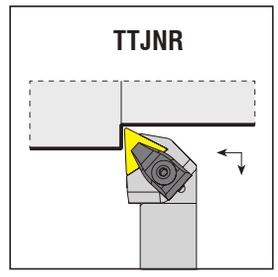


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Baskı Pabucu *Wedge Clamp* *Spannpratze*	Pabuç Vidası *Clamp Screw* *Klemmschraube*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

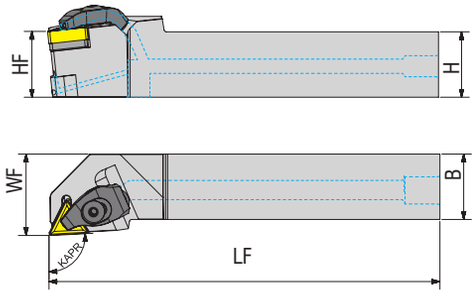
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

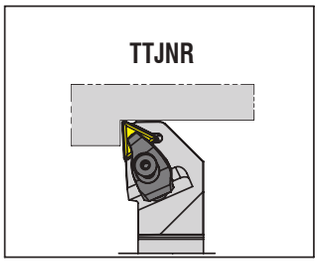
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück TTENN 2020 K16





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

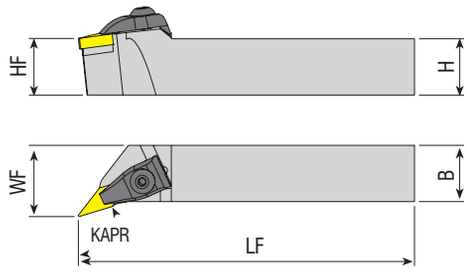


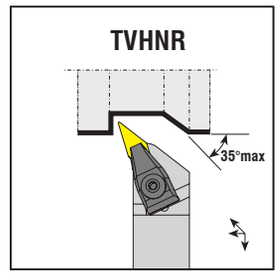


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Baskı Pabucu *Wedge Clamp* *Spannpratze*	Pabuç Vidası *Clamp Screw* *Klemmschraube*	Altlık *Shim* *Unterlage*	Altlık Vidası *Shim Screw* *Schraube für Unterlage*	Yay *Spring* *Feder*	Oring *Ring* *Feder*	Sızdırmaz Vida *Threaded Pin* *Резьбовой Винт*	Anahtar *Allen Key* *Innensechskantschlüssel*
TTJNR/L 2525 M16-H	○	○	25	25	150	32	**TNM. 1604..**	ATKH-03-R ATKH-04-L	AKV-37-M5x18	AATN-2-000	AAV-03-M5x12	AKY-02	AXR-02	2705-G1/8x5.5	AAL-02-2.5
3232 P16-H	○	○	32	32	170	32									
2525 M22-H	○	○	25	25	150	40	**TNM. 2204..**	ATKH-01-R ATKH-02-L	AKV-33-M6x22	AATN-3-0015	AAV-02-M5x12	AKY-01	AXR-01		AAL-03-3
3232 P22-H	○	○	32	32	170	40									

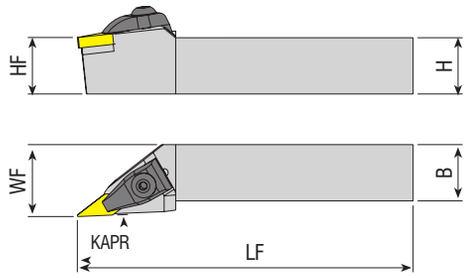
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

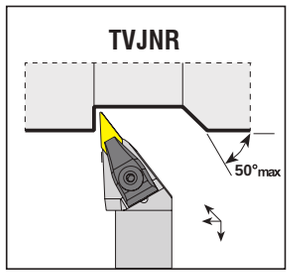
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück TTJNR 2020 K16





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

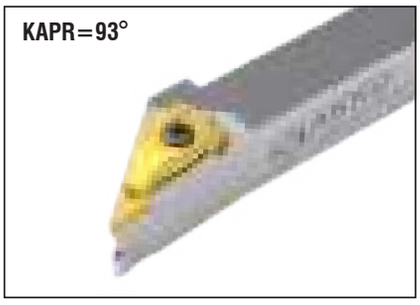


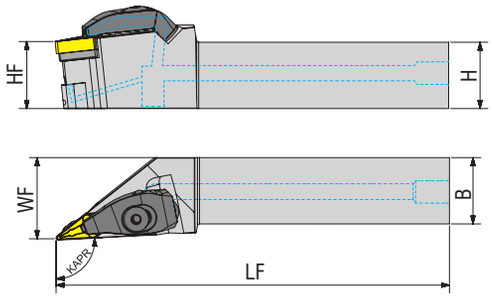


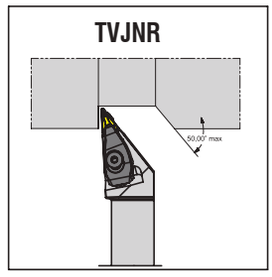
Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Baskı Pabucu *Wedge Clamp* *Spannpratze*	Pabuç Vidası *Clamp Screw*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

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

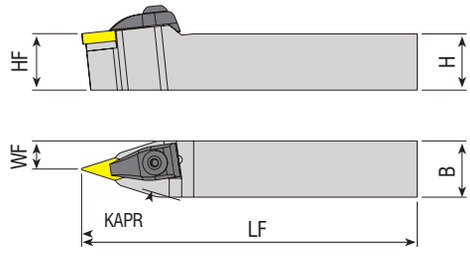
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück TVHNR 2020 K16

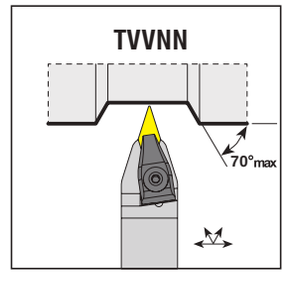






Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Baskı Pabucu *Wedge Clamp* *Spannpratze*	Pabuç Vidası *Clamp Screw*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

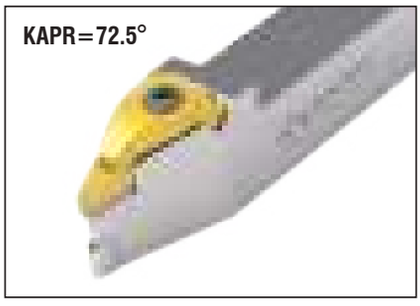


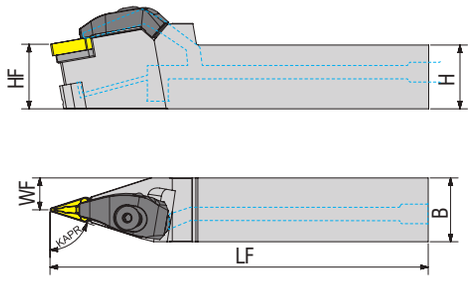


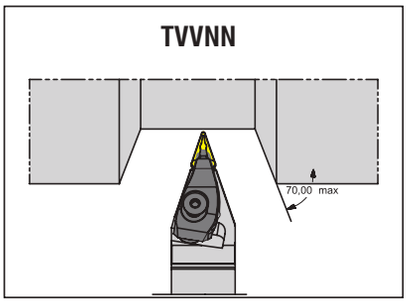
Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager*	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Baskı Pabucu *Wedge Clamp* *Spannpratze*	Pabuç Vidası *Clamp Screw* *Klemmschraube*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

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

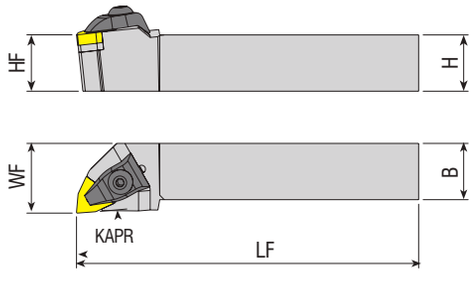
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück TVJNR 2020 H16-H

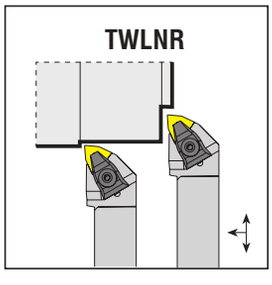






Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Baskı Pabucu *Wedge Clamp* *Spannpratze*	Pabuç Vidası *Clamp Screw*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

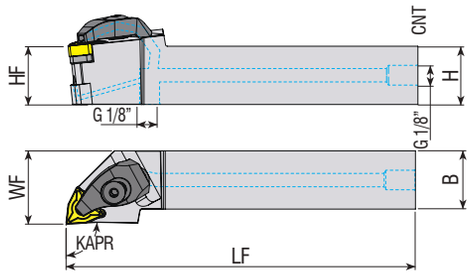


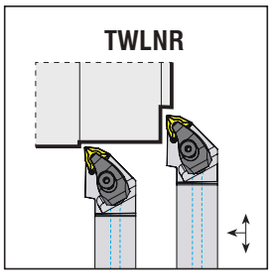


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Baskı Pabucu *Wedge Clamp* *Spannpratze*	Pabuç Vidası *Clamp Screw* *Klemmschraube*	Altlık *Shim* *Unterlage*	Altlık Vidası *Shim Screw* *Schraube für Unterlage*	Segman *Ring* *Feder*	Pul *Stamp* *Ring*	Anahtar *Allen Key* *Innensechskantschlüssel*
TWLNR/L 1616 H06	●	●	16	16	100	20	**WNM. 0604..**	ATK-01	AKV-01-M5x22	AAWN-SW317	AAV-01-M3x10	-	ABPL-01	AAL-03-3
2020 K06	●	●	20	20	125	25								
2525 M06	●	●	25	25	150	32								
2020 K08	●	●	20	20	125	25	**WNM. 0804..**	ATK-02	AKV-30-M6x22	AAWN-3-0001	AAV-02-M5x12	AS-01		
2525 M08	●	●	25	25	150	32								
3232 P08	●	●	32	32	170	40								
4040 S08	●	●	40	40	250	50								
5050 S08	○	○	50	50	250	63								

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

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

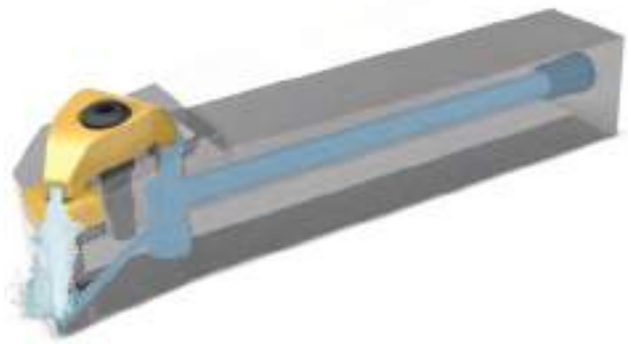


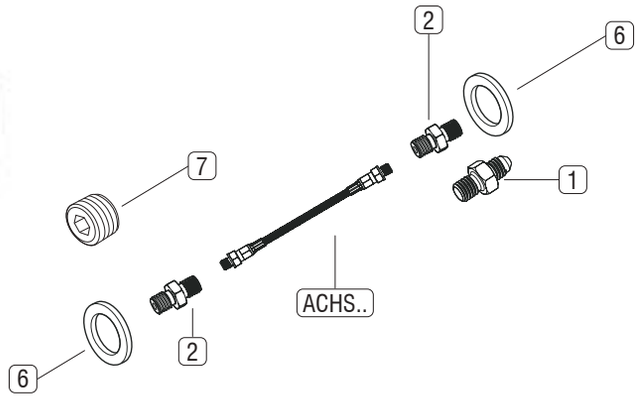


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Baskı Pabucu *Wedge Clamp* *Spannpratze*	Pabuç Vidası *Clamp Screw*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

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

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

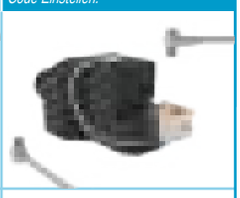




Not: İçten soğutmalı tüm torna katerlerinde kullanılabilecek 3 tip soğutma hortum setleri tasarlanmıştır. Takımların kullanılmasından önce, kullanılmayan bağlantıların set içindeki vida ile kapatılarak sızdırmazlığın sağlanmasına dikkat edilmelidir. Torna katerlerine yönelik soğutma hortum setleri, ACHS... 10 bar ile maksimum 275 bar basınç aralığında kullanılabilir.

Note: 3 types of cooling hose sets are designed that can be used in all internally cooled lathes. Before using the tools, care should be taken to ensure that the unused connections are closed with the screw in the set and that sealing is ensured. Cooling hose sets for lathe tools can be used in the pressure range of ACHS ... 10 bar to max 275 bar.

Notiz: Es wurden 3 Arten von Kühlschlauch-Sets entwickelt, die in allen intern gekühlten Drehmaschinen verwendet werden können. Vor der Verwendung der Werkzeuge sollte darauf geachtet werden, dass die nicht verwendeten Verbindungen mit der Schraube im Satz geschlossen werden und die Abdichtung gewährleistet ist. Kühlschlauchsätze für Drehmaschinen können im Druckbereich von ACHS ... 10 bar bis max. 275 bar eingesetzt werden.

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

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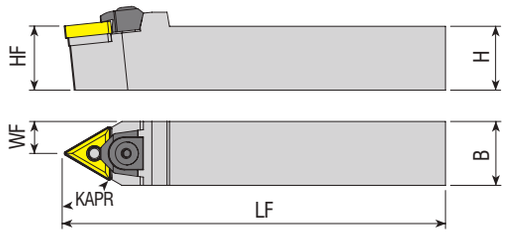
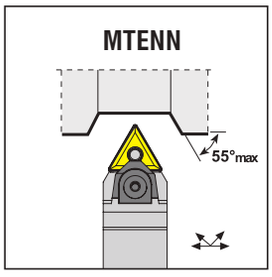
M-SYSTEM EXTERNAL TURNING TOOLHOLDERS
M-SYSTEM AUSSEN - DREHHALTER

KAPR=60°

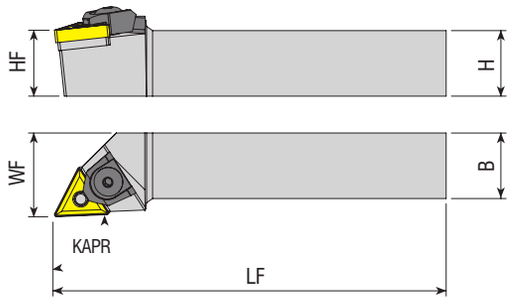


MTENN

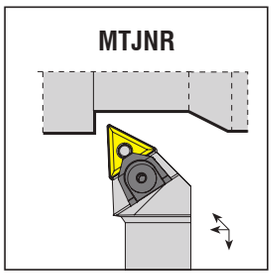


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager*	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Baskı Pabucu *Wedge Clamp* *Spannpratze*	Pabuç Vidası *Clamp Screw* *Klemmschraube*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

KAPR=93°



MTJNR

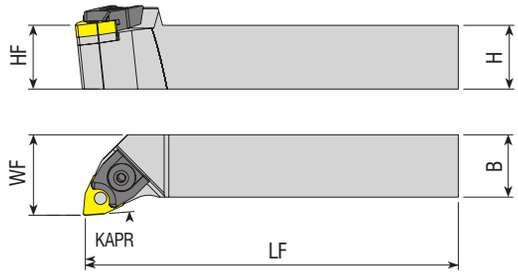


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Baskı Pabucu *Wedge Clamp* *Spannpratze*	Pabuç Vidası *Clamp Screw* *Klemmschraube*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

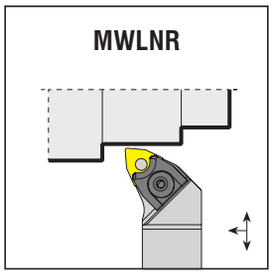
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

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

KAPR=95°

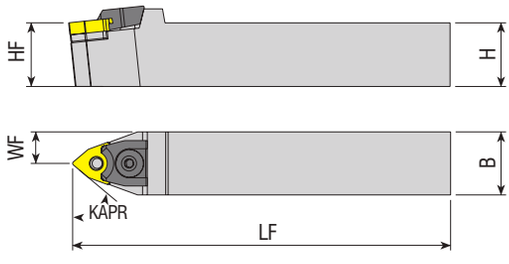


MWLNR

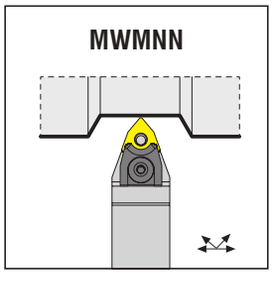


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok *Stock* *Lager* L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Baskı Pabucu *Wedge Clamp* *Spannpratze*	Pabuç Vidası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

KAPR=50°



MWMNN



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

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

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

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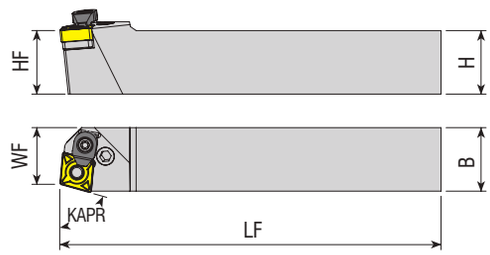
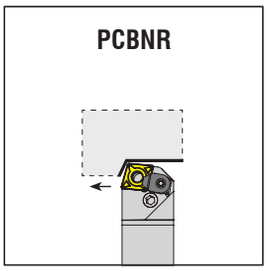
KAPR=75°

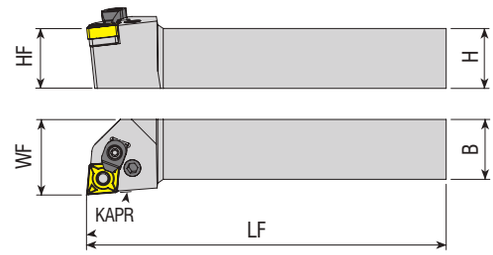


PCBNR

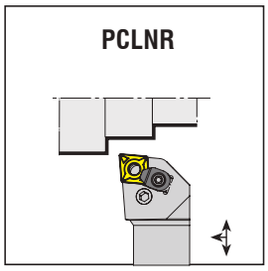


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Levye *Lever* *Kniehebel*	Levye Vidası *Lever Screw* *Kniehebelschraube*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

KAPR=95°



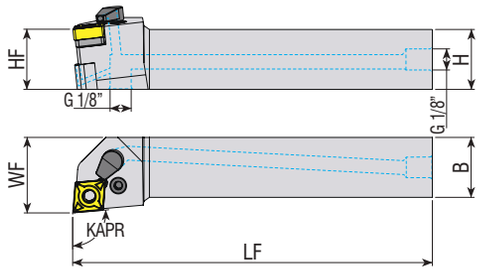
PCLNR

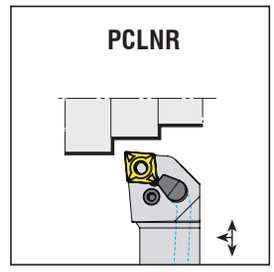


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Levye *Lever* *Kniehebel*	Levye Vidası *Lever Screw* *Kniehebelschraube*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

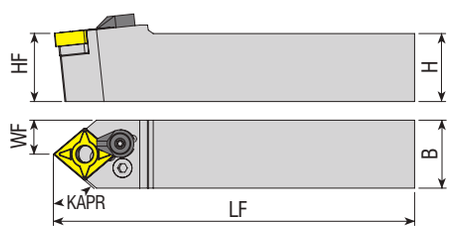
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

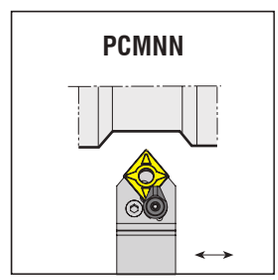
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück PCBNR 2020 K12C





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

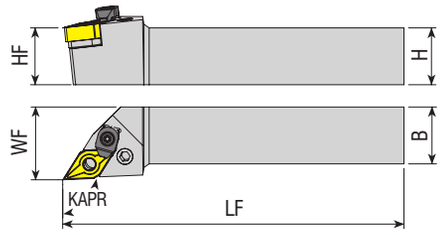


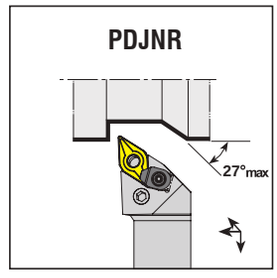


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager*	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Levye *Lever* *Kniehebel*	Levye Vidası *Lever Screw* *Kniehebelschraube*	Altlık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

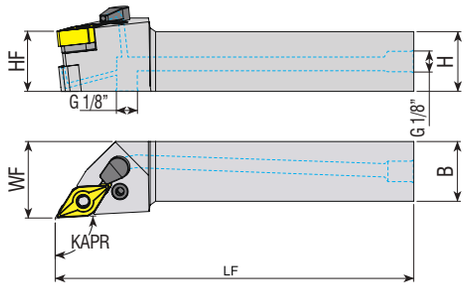
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock /*Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

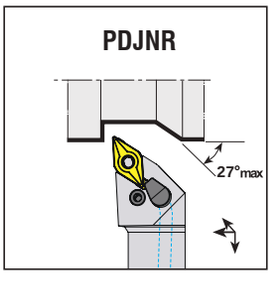
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück PCLNR 2020 K12-H





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

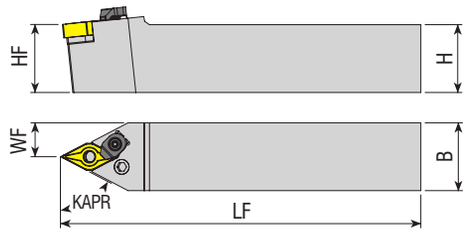


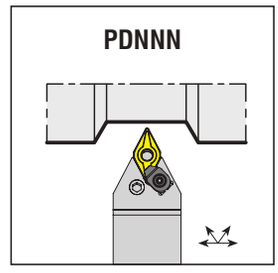


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok *Stock* *Lager* L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile* Levye *Lever* *Kniehebel*	Levye Vidası *Lever Screw*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

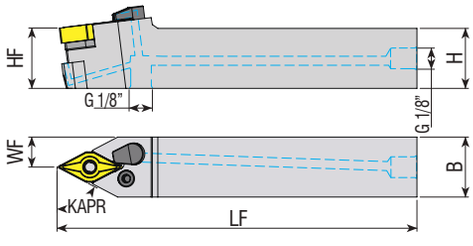
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

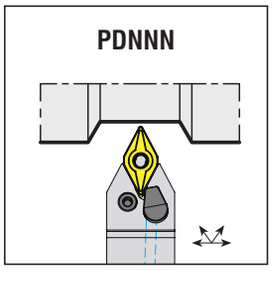
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück PDJNR 1616 H11





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



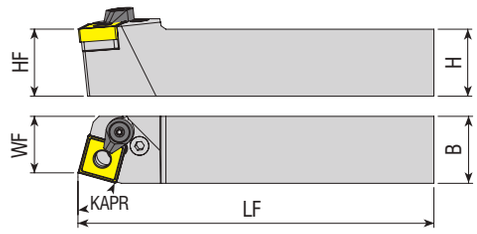


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager*	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile* Levye *Lever* *Kniehebel*	Levye Vidası *Lever Screw* *Kniehebelschraube*	Altlık *Shim* *Unterlage*	Altlık Yayı *Shim Spring* *Feder für Unterlage*	Oring *Ring* *Feder*	Sızdırmaz Vida *Threaded Pin* *Резьбовой Винт*	Nozul *Spannpratze* *Spannpratze COM*	Anahtar *Allen Key* *Innensechskantschlüssel*
PDNNN 2525 M15-H	●	25	25	150	32	**DNM. 1506..**	APL-03	ALV-03-M8x19	AADN-3-0001	AAY-02	AXR-01 AOR-01	2705-G1/8x5.5	AN-01	AAL-03-3

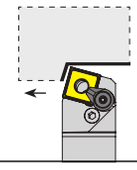
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

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

KAPR=75°

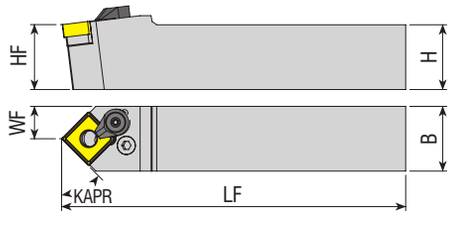


PSBNR

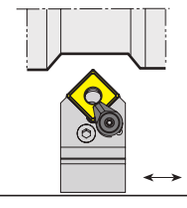


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok *Stock* *Lager* L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Levye *Lever* *Kniehebel*	Levye Vidası *Lever Screw*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

KAPR=45°



PSDNN

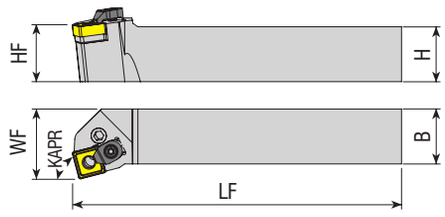


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager*	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Levye *Lever* *Kniehebel*	Levye Vidası *Lever Screw* *Kniehebelschraube*	Altlık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

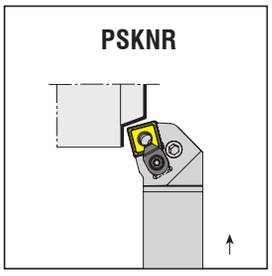
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock /*Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

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

KAPR=75°

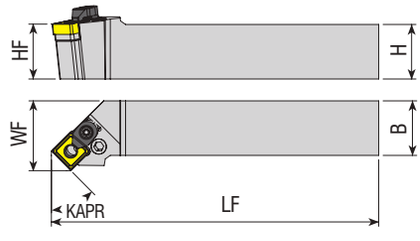


PSKNR

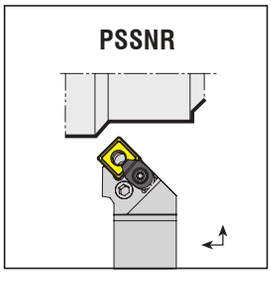


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Levye *Lever* *Kniehebel*	Levye Vidası *Lever Screw* *Kniehebelschraube*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

KAPR=45°



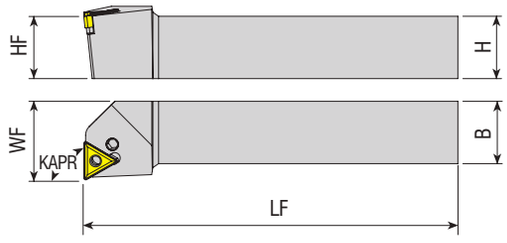
PSSNR

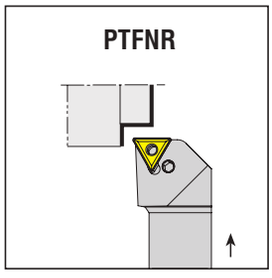


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Levye *Lever* *Kniehebel*	Levye Vidası *Lever Screw* *Kniehebelschraube*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

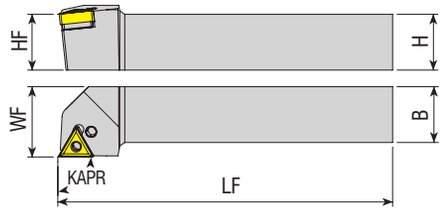
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

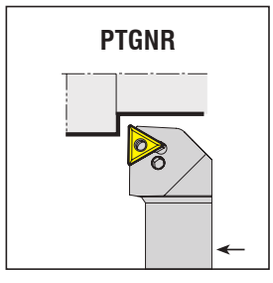
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück PSKNR 2020 K09





Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok *Stock* *Lager* L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Levye *Lever* *Kniehebel*	Levye Vidası *Lever Screw* *Kniehebelschraube*	Altlık *Shim* *Unterlage*	Altlık Yayı *Shim Spring* *Feder für Unterlage*	Baskı Parçası *Wedge Clamp* *Spannpratze*	Baskı Vidası *Clamp Screw* *Klemmschraube*	Anahtar *Allen Key* *Innensechskantschlüssel*
PTFNR/L 1616 H16	●	●	16	16	100	20	**TNM. 1604..**	APL-01	ALV-02-M6x17	AATN-3-0025	AAY-01	-	-	AAL-02-2.5
2020 K16	●	●	20	20	125	25								
2525 M16	●	●	25	25	150	32								
3232 P16	●	●	32	32	170	40								
2525 M22C	●	●	25	25	150	32	**TNM. 2204..**	APL-02	ALV-03-M8x19	AATN-3-0015	AAY-02	ACK-05	4015-M4x11	AAL-03-3
3232 P22C	●	●	32	32	170	40								
4040 S27C	○	○	40	40	250	50	**TNM. 2706..**	APL-05	ALV-05-M10x27	AATN-3-0027	AAY-04	ACK-09	AAV-05-M6x15	AAL-05-4

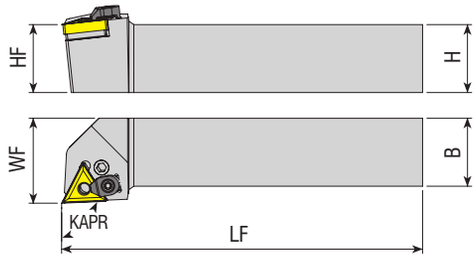


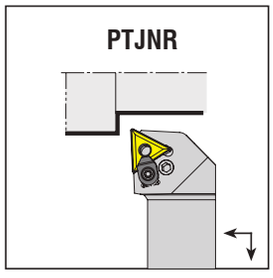


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok *Stock* *Lager* L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Levye *Lever* *Kniehebel*	Levye Vidası *Lever Screw* *Kniehebelschraube*	Altlık *Shim* *Unterlage*	Altlık Yayı *Shim Spring* *Feder für Unterlage*	Baskı Parçası *Wedge Clamp* *Spannpratze*	Baskı Vidası *Clamp Screw* *Klemmschraube*	Anahtar *Allen Key* *Innensechskantschlüssel*
PTGNR/L 1010 E11	○	○	10	10	70	12	**TNM. 1103..**	APL-11	ALV-10-M5X10	-	-	-	-	AAL-13-2.5
1212 F11	○	○	12	12	80	16								
1616 H11	○	○	16	16	100	20								
1616 H16	●	●	16	16	100	20	**TNM. 1604..**	APL-01	ALV-02-M6x17	AATN-3-0025	AAY-01	-	-	AAL-02-2.5
2020 K16	●	●	20	20	125	25								
2525 M16	●	●	25	25	150	32								
3232 P16	○	○	32	32	170	40								
2525 M22C	●	●	25	25	150	32	**TNM. 2204..**	APL-02	ALV-03-M8x19	AATN-3-0015	AAY-02	ACK-05	4015-M4x11	AAL-03-3
3232 P22C	●	●	32	32	170	40								
4040 S27C	○	○	40	40	250	50	**TNM. 2706..**	APL-05	ALV-05-M10x27	AATN-3-0027	AAY-04	ACK-09	AAV-05-M6x15	AAL-05-4

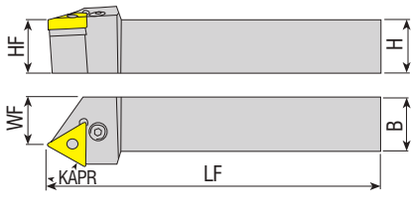
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock /*Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

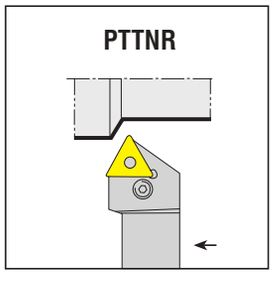
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück PTFNR 1616 H16





Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile* Levye *Lever* *Kniehebel*	Levye Vidası *Lever Screw* *Kniehebelschraube*	Altlık *Shim* *Unterlage*	Altlık Yayı *Shim Spring* *Feder für Unterlage*	Baskı Parçası *Wedge Clamp* *Spannpratze*	Baskı Vidası *Clamp Screw* *Klemmschraube*	Anahtar *Allen Key* *Innensechskantschlüssel*
PTJNR/L 1010 E11	○	○	10	10	70	12	**TNM. 1103..**	APL-11	ALV-10-M5X10	-	-	-	-	AAL-13-2.5
1212 F11	○	○	12	12	80	16								
1616 H11	○	○	16	16	100	20								
1616 H16	●	●	16	16	100	20	**TNM. 1604..**	APL-01	ALV-02-M6x17	AATN-3-0025	AAY-01	-	-	AAL-02-2.5
2020 K16	●	●	20	20	125	25								
2525 M16	●	●	25	25	150	32								
3232 P16	●	●	32	32	170	40								
2525 M22C	●	●	25	25	150	32	**TNM. 2204..**	APL-02	ALV-03-M8x19	AATN-3-0015	AAY-02	ACK-05	4015-M4x11	AAL-03-3
3232 P22C	●	●	32	32	170	40								
4040 S27C	●	○	40	40	250	50	**TNM. 2706..**	APL-05	ALV-05-M10x27	AATN-3-0027	AAY-04	ACK-09	AAV-05-M6x15	AAL-05-4

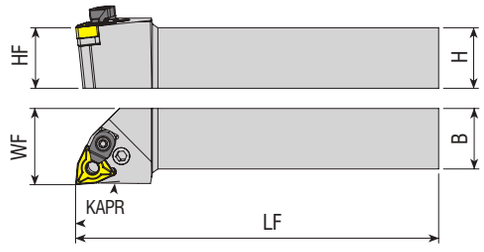


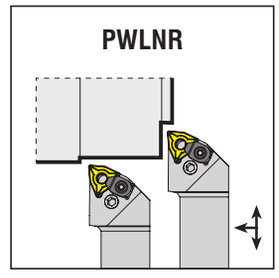


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile* Levye *Lever* *Kniehebel*	Levye Vidası *Lever Screw* *Kniehebelschraube*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

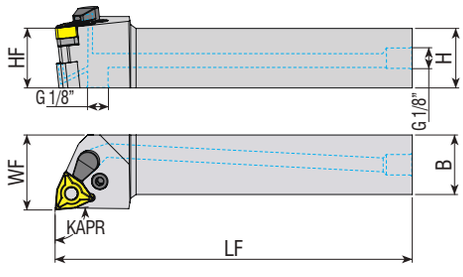
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

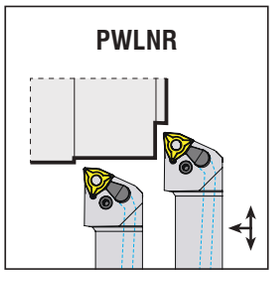
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück PTJNR 1010 E11





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



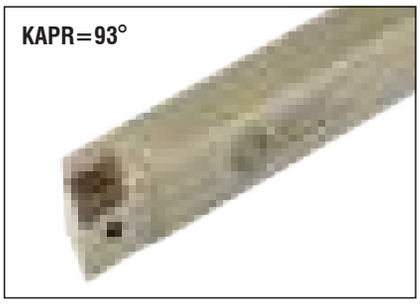


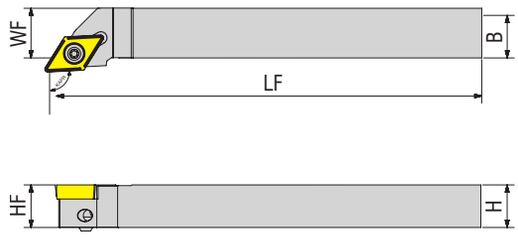
Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Levye *Lever* *Kniehebel*	Levye Vidası *Lever Screw* *Kniehebelschraube*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

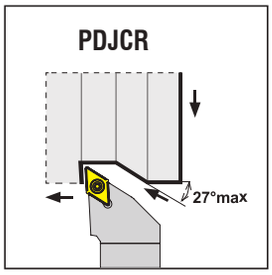
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

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

new



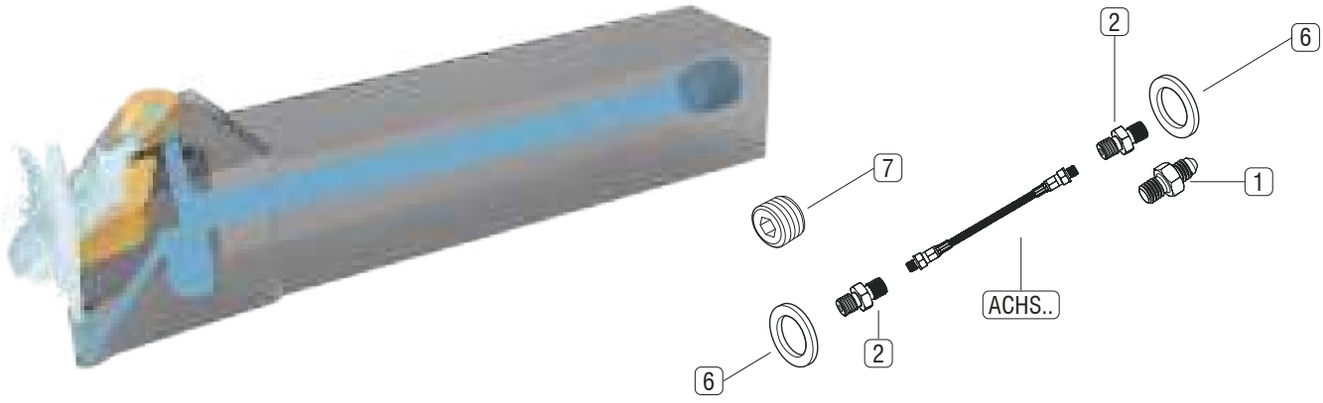




Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok *Stock* *Lager* L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile* Levye *Lever* *Kniehebel*	Levye Vidası *Lever Screw*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

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

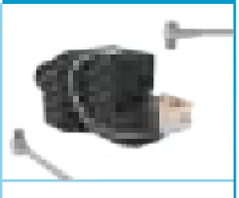
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück PDJCR 1010 K11-S



Not: İçten soğutmalı tüm torna katerlerinde kullanılabilecek 3 tip soğutma hortum setleri tasarlanmıştır. Takımların kullanılmasından önce, kullanılmayan bağlantıların set içindeki vida ile kapatılarak sızdırmazlığın sağlanmasına dikkat edilmelidir. Torna katerlerine yönelik soğutma hortum setleri, ACHS... 10 bar ile maksimum 275 bar basınç aralığında kullanılabilir.

Note: 3 types of cooling hose sets are designed that can be used in all internally cooled lathes. Before using the tools, care should be taken to ensure that the unused connections are closed with the screw in the set and that sealing is ensured. Cooling hose sets for lathe tools can be used in the pressure range of ACHS ... 10 bar to max 275 bar.

Notiz: Es wurden 3 Arten von Kühlschlauch-Sets entwickelt, die in allen intern gekühlten Drehmaschinen verwendet werden können. Vor der Verwendung der Werkzeuge sollte darauf geachtet werden, dass die nicht verwendeten Verbindungen mit der Schraube im Satz geschlossen werden und die Abdichtung gewährleistet ist. Kühlschlauchsätze für Drehmaschinen können im Druckbereich von ACHS ... 10 bar bis max. 275 bar eingesetzt werden.

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

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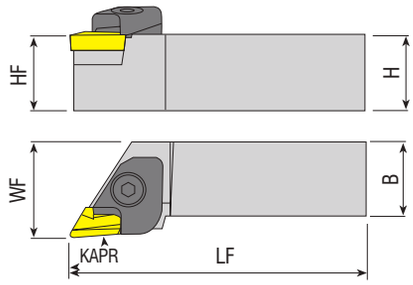
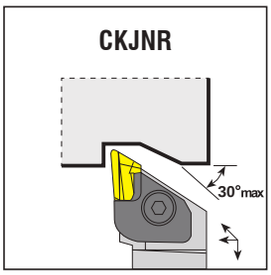
KAPR=93°

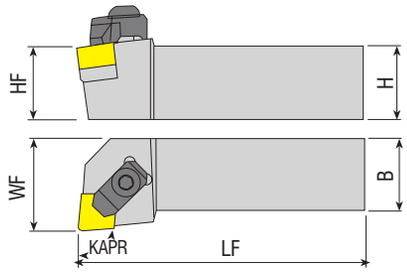


CKJNR

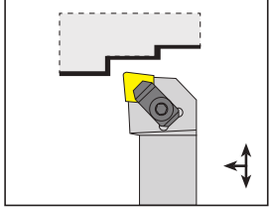


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Baskı Pabucu *Wedge Clamp* *Spannpratze*	Pabuç Vidası *Clamp Screw*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

KAPR=95°



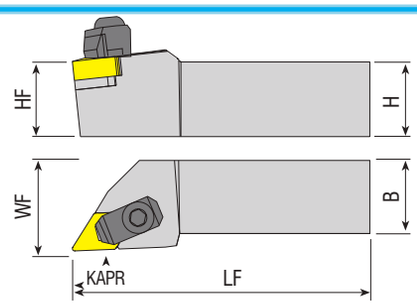
CCLNR

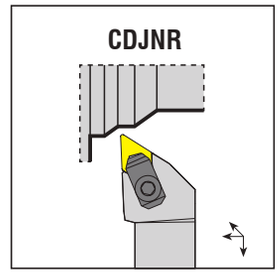


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Baskı Pabucu *Wedge Clamp* *Spannpratze*	Pabuç Vidası *Clamp Screw*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

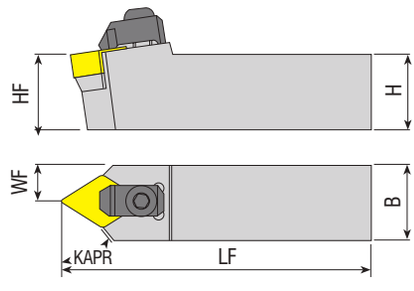
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

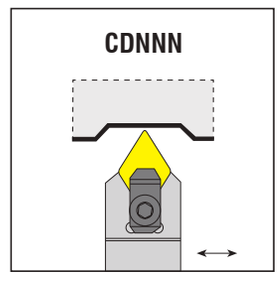
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück CKJNR 2020 K16





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

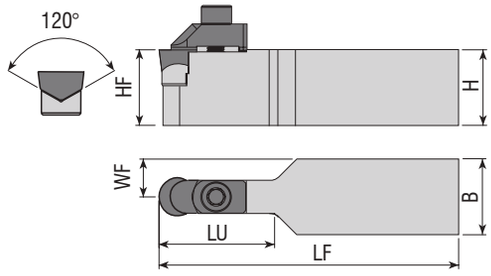


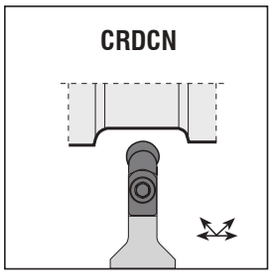


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager*	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile* Baskı Pabucu *Wedge Clamp* *Spannpratze*	Pabuç Vidası *Clamp Screw* *Klemmschraube*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

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

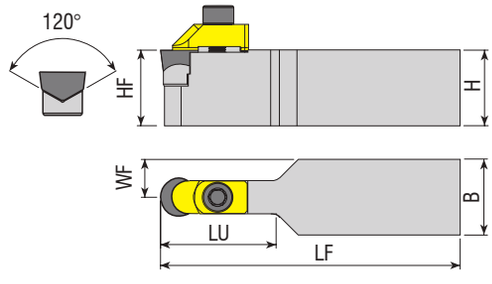
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück CDJNR 2525 M1107C

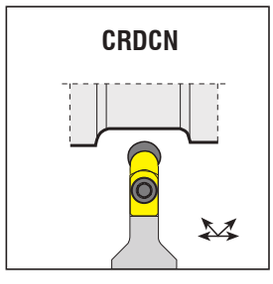


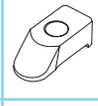
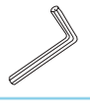


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager*	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)*					Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*				
								Baskı Pabucu *Wedge Clamp* *Spannpratze*	Pabuç Vidası *Clamp Screw* *Klemmschraube*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

new

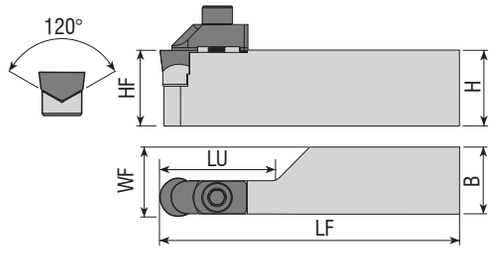


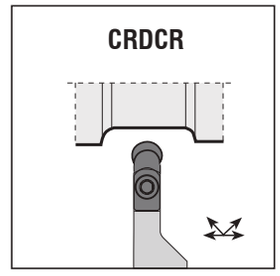


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager*	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)*					Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*				
								Baskı Pabucu *Wedge Clamp* *Spannpratze*	Pabuç Vidası *Clamp Screw* *Klemmschraube*	Altlık *Shim* *Unterlage*	Altlık Vidası *Shim Screw* *Schraube für Unterlage*	Anahtar *Allen Key* *Innensechskantschlüssel*
		HF=H	B	LF	LU	WF						
CRDCN 3232 P06CVK	●	32	32	170	19	16	**RCGX 060600**	ACK-42	2525-M3x12	AARC-3-0005	2008-M2.5X12	AAL-02-2.5
4040 R06CVK	●	40	40	200	19	20						
3232 P09CVK	●	32	32	170	29	16	**RCGX 090700**	ACK-43	2504-M5x14	AARC-3-0006	4015-M3.5x14	AAL-05-4
4040 R09CVK	●	40	40	200	29	20						
3232 P12CVK	●	32	32	170	38	16	**RCGX 120700**	ACK-44	2505-M6x16	AARC-3-0007	1620-M5x18	AAL-07-5
4040 R12CVK	●	40	40	200	38	20						

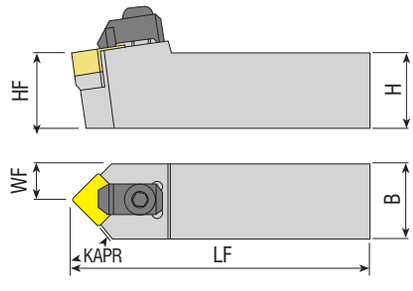
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock /*Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

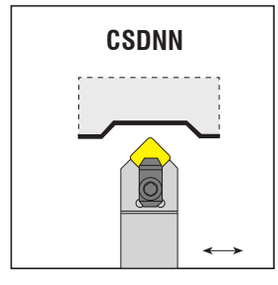
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück CRDCN 2525 M06CV





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



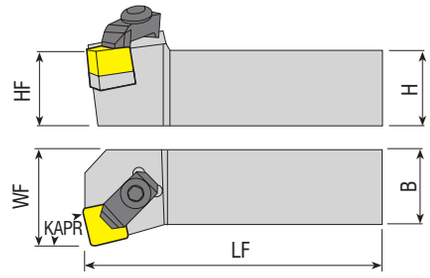


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager*	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile* Baskı Pabucu *Wedge Clamp* *Spannpratze*	Pabuç Vidası *Clamp Screw* *Klemmschraube*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

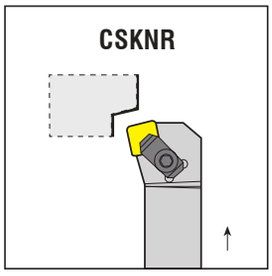
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock /*Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

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

KAPR=75°

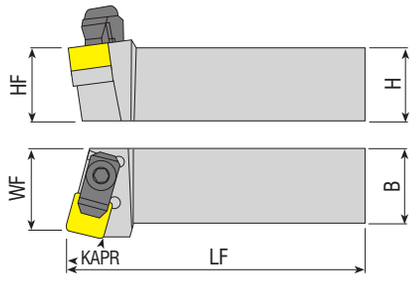


CSKNR

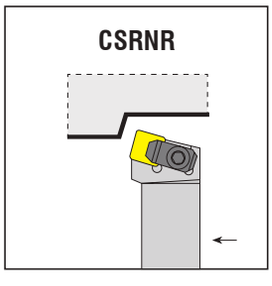


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Baskı Pabucu *Wedge Clamp* *Spannpratze*	Pabuç Vidası *Clamp Screw*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

KAPR=75°



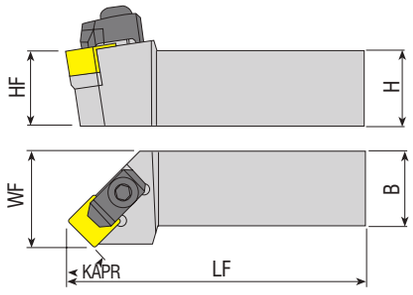
CSRNR

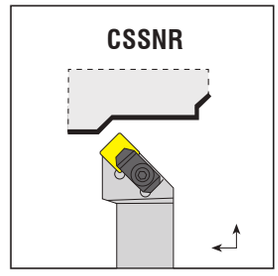


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Baskı Pabucu *Wedge Clamp* *Spannpratze*	Pabuç Vidası *Clamp Screw*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

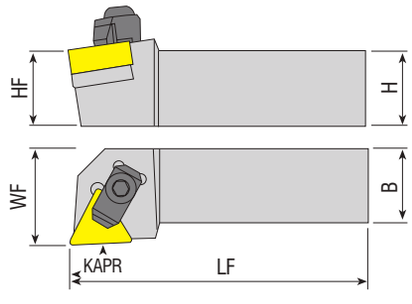
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

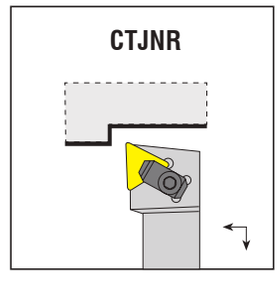
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück CSKNR 2525 M1207C





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





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

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

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

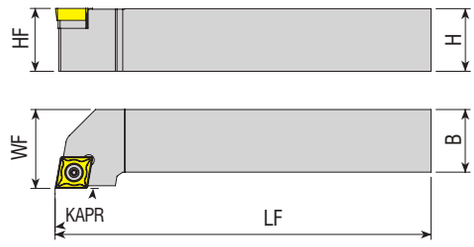
AKKO®

konuşulan
the spoken kalite...
quality...

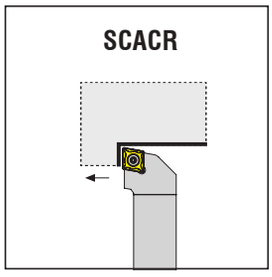
S-SİSTEM

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

KAPR=90°

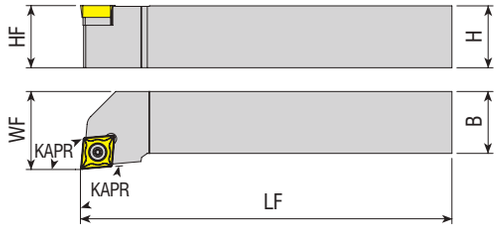


SCACR

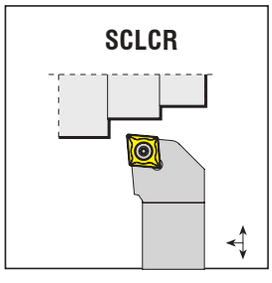


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok *Stock* *Lager* L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube*	Altlık *Shim*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

KAPR=95°



SCLCR



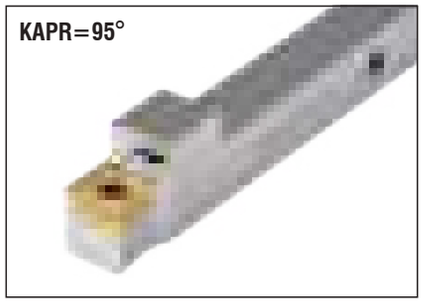
Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok *Stock* *Lager* L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube*	Altlık *Shim*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

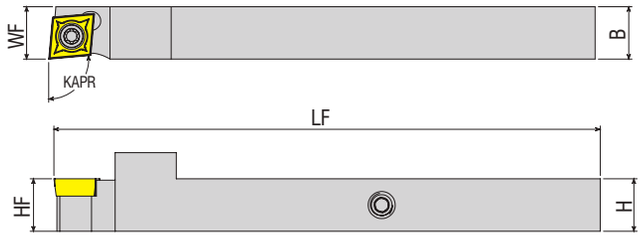
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

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

new

KAPR=95°

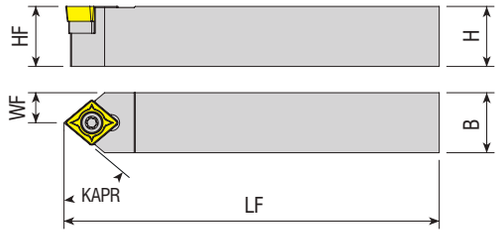


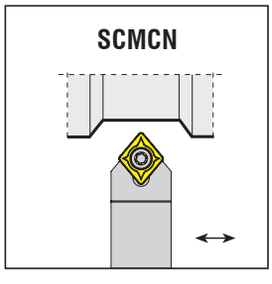


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok *Stock* *Lager* L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube*	Altlık *Shim*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

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

KAPR=50°

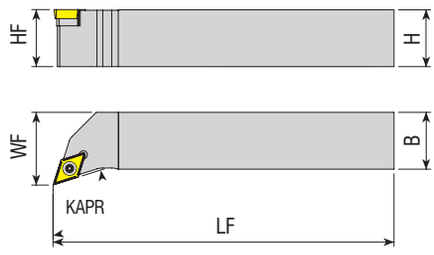


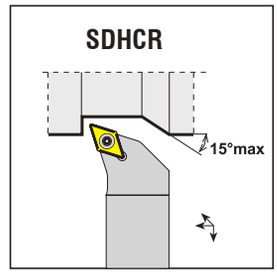


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager*	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube*	Altlık *Shim* *Unterlage*	Altlık Vidası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

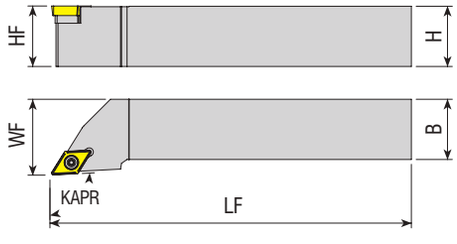
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

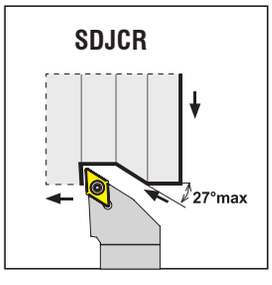
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück SCLCR/L 1212 K09-SHP





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





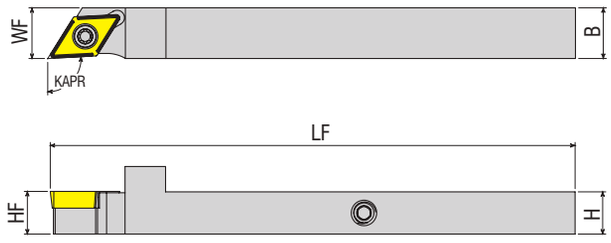
Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager*	Stok *Stock* *Lager*	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube*	Altlık *Shim* *Unterlage*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

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

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

new

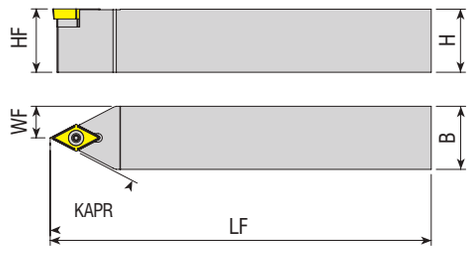
KAPR=93°

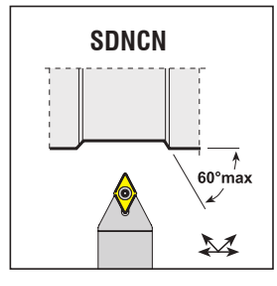


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok *Stock* *Lager* L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Sıkma Vidası *Screw* *Klemmschraube*	Altlık *Shim*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

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

KAPR=62.5°

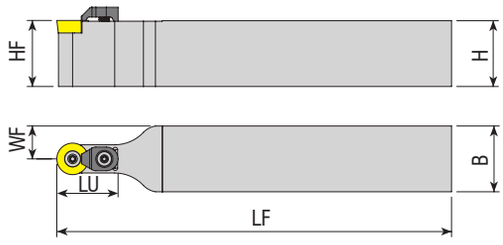


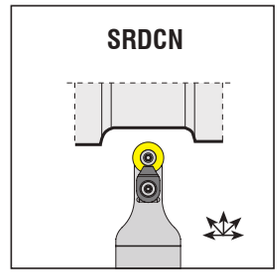


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager*	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Sıkma Vidası *Screw* *Klemmschraube*	Altlık *Shim* *Unterlage*	Altlık Vidası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

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

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

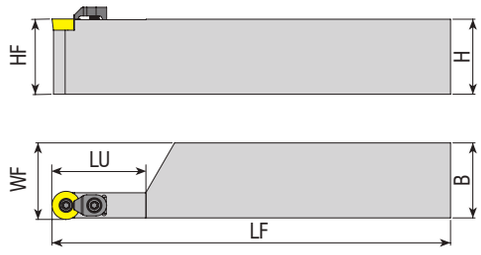


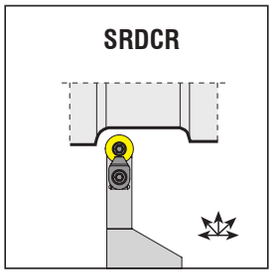


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager*	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	LU	WF	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube*	Altlık *Shim* *Unterlage*	Altlık Vidası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

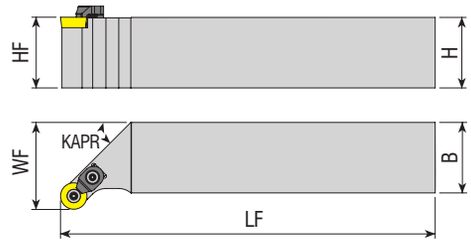
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

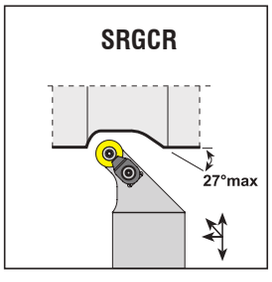
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück SRDCN 1616 H06





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

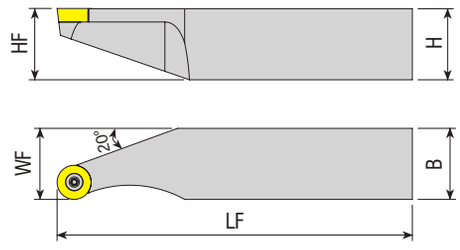


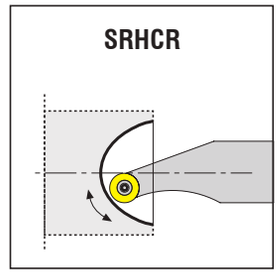


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	Kesici Uç *Insert* *Wendeschneidplatte*	Sıkma Vidası *Screw* *Klemmschraube*	Altlık *Shim* *Unterlage*	Altlık Vidası *Shim Screw* *Schraube für Unterlage*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

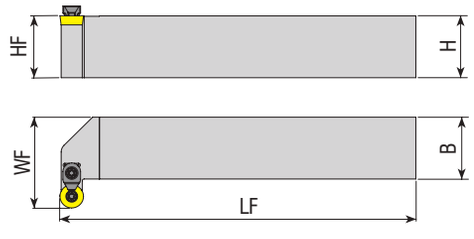
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

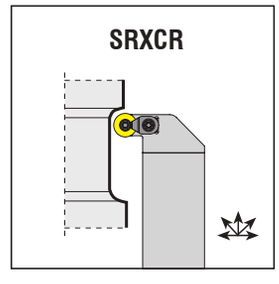
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück SRDCR 3232 T06





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

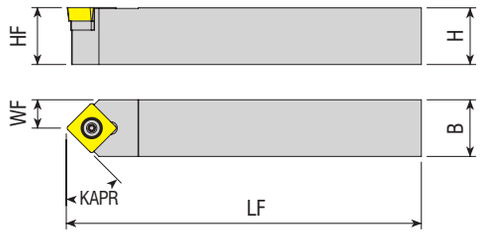


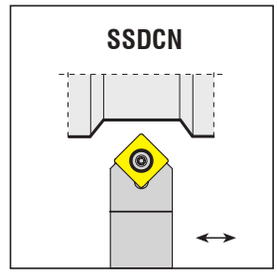


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	Kesici Uç *Insert* *Wendeschneidplatte*	Sıkma Vidası *Screw* *Klemmschraube*	Altlık *Shim* *Unterlage*	Altlık Vidası *Shim Screw* *Schraube für Unterlage*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

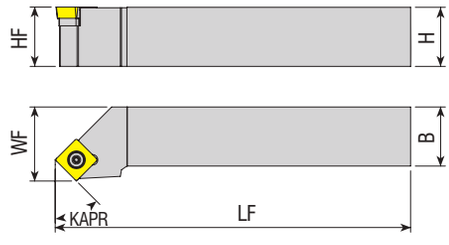
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

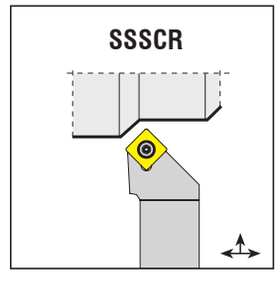
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück SRHCR 2525 K06





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

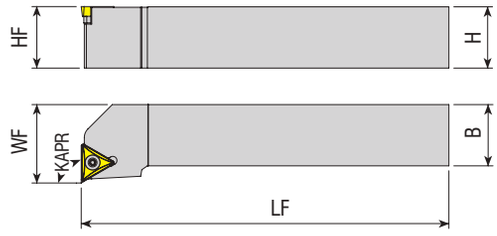


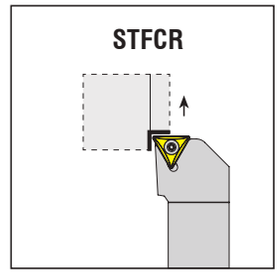


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager*		Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)*				Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*			
								Sıkma Vidası *Screw* *Klemmschraube*	Altlık *Shim* *Unterlage*	Altlık Vidası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

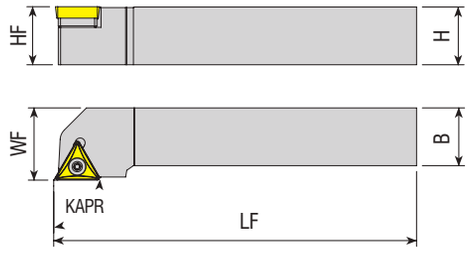
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

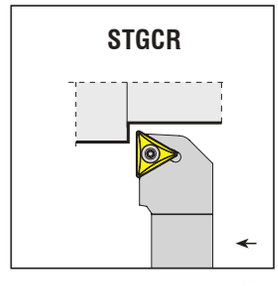
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück SSDCN 1212 F09





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



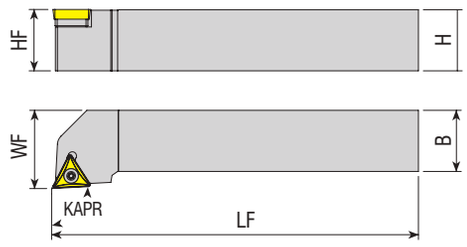


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok *Stock* *Lager* L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube*	Altlık *Shim*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

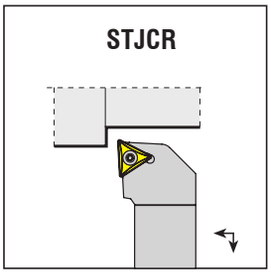
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

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

KAPR=93°

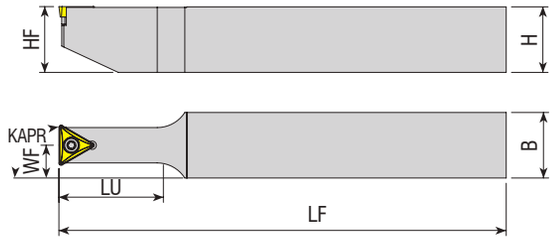


STJCR

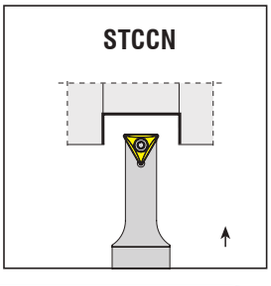


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok *Stock* *Lager* L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Sıkma Vidası *Screw* *Klemmschraube*	Altlık *Shim*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

KAPR=90°



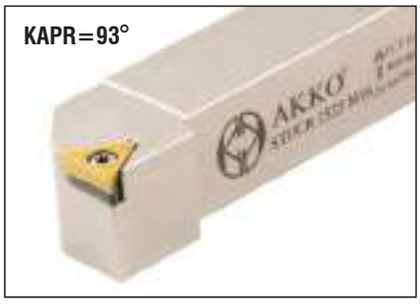
STCCN

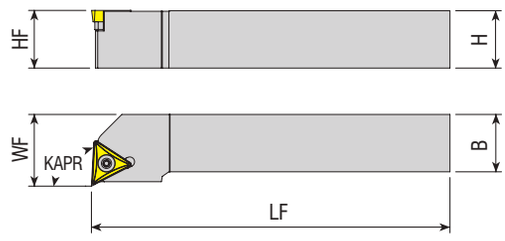


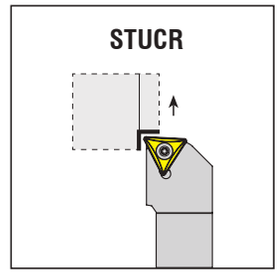
Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager*	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	LU	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Sıkma Vidası *Screw* *Klemmschraube*	Altlık *Shim* *Unterlage*	Altlık Vidası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

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

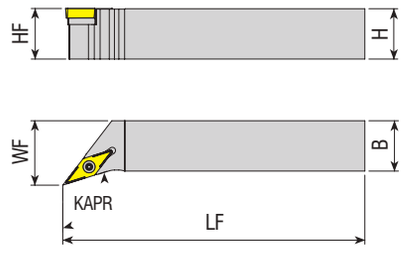
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück STJCR 0808 E09

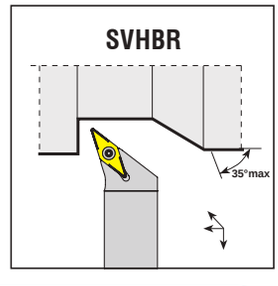






Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok *Stock* *Lager* L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube*	Altlık *Shim*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

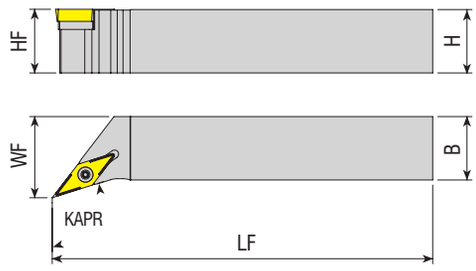


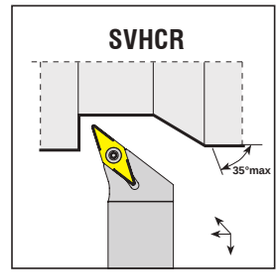


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok *Stock* *Lager* L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube*	Altlık *Shim*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

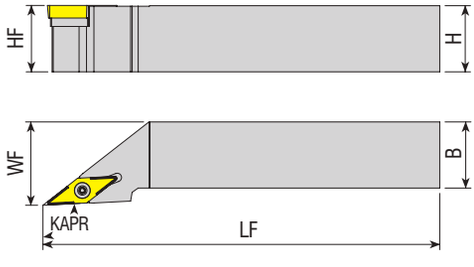
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

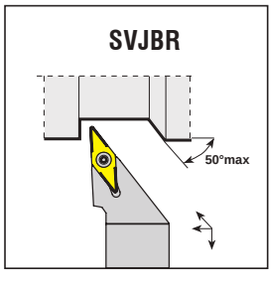
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück STUCR 0808 E09





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

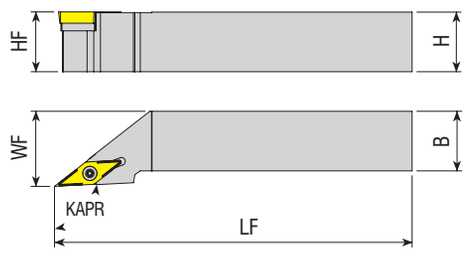


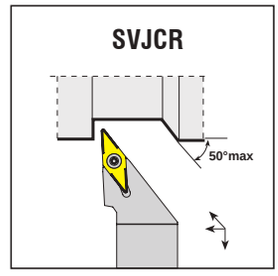


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok *Stock* *Lager* L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Sıkma Vidası *Screw* *Klemmschraube*	Altlık *Shim*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

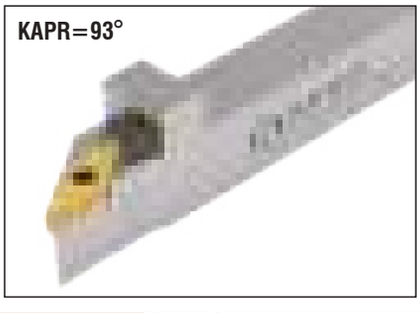
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

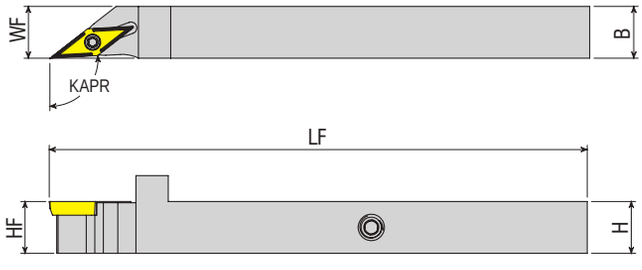
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück SVHCR 1212 F11





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

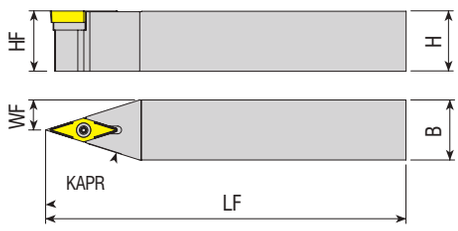


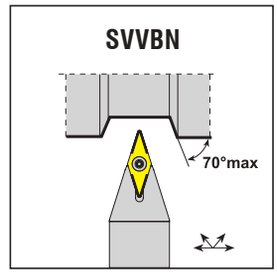


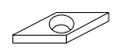
Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Sıkma Vidası *Screw* *Klemmschraube*	Altlık *Shim* *Unterlage*	Altlık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

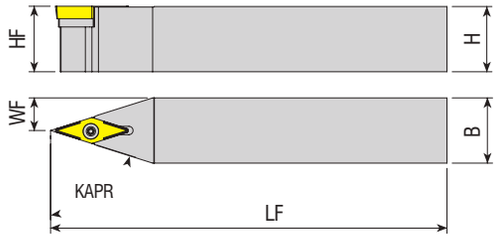
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
ISO Ucuna Uygundur. / Compatible with ISO Insert. / Kompatibel mit ISO Wendeplatten.

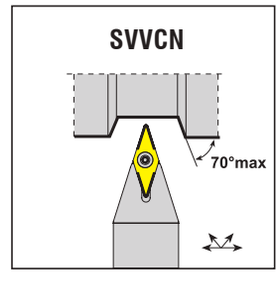
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück SVJCR 1212 F11

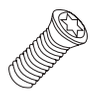
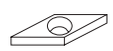




Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager*	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)*				Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*			
							Sıkma Vidası *Screw* *Klemmschraube*	Altlık *Shim* *Unterlage*	Altlık Vidası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



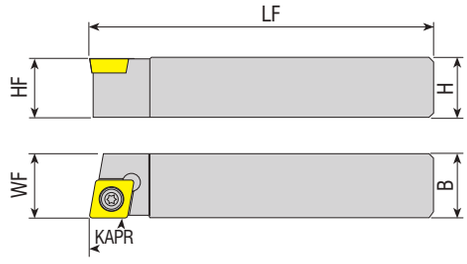


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager*	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)*				Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*			
							Sıkma Vidası *Screw* *Klemmschraube*	Altlık *Shim* *Unterlage*	Altlık Vidası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

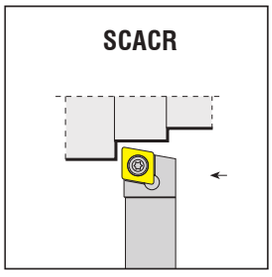
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

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

KAPR=90°

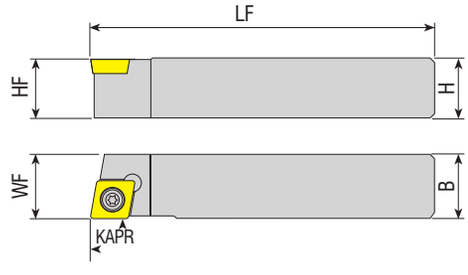


SCACR

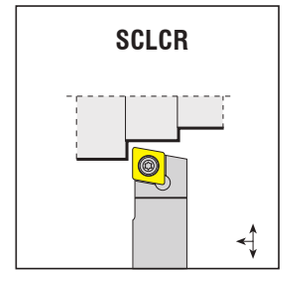


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok *Stock* *Lager* L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Sıkma Vidası *Screw* *Klemmschraube*	Altlık *Shim*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

KAPR=95°



SCLCR

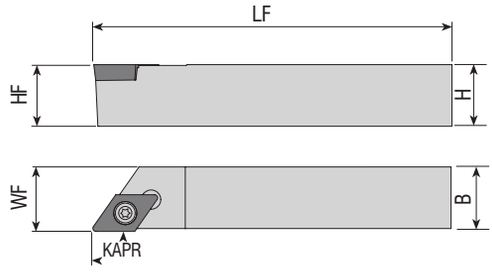


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok *Stock* *Lager* L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Sıkma Vidası *Screw* *Klemmschraube*	Altlık *Shim*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

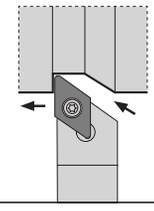
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

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

KAPR=90°

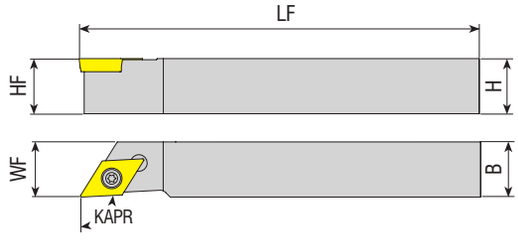


SDACR

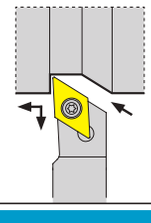


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok *Stock* *Lager* L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube*	Altlık *Shim*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

KAPR=93°



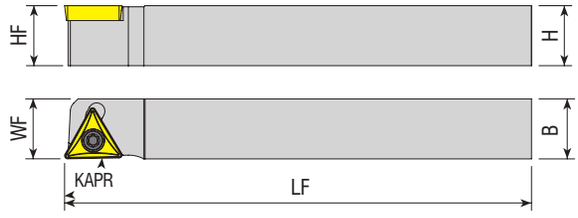
SDJCR

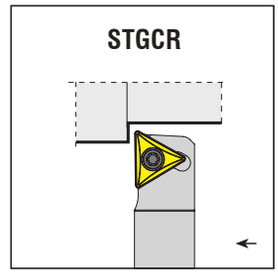


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok *Stock* *Lager* L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube*	Altlık *Shim*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

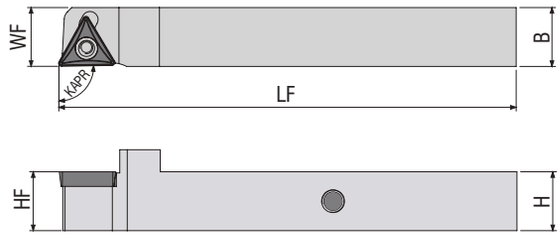
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

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





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

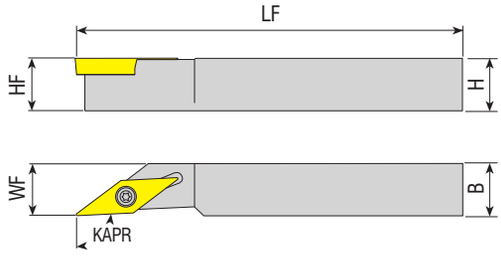


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Sıkma Vidası *Screw* *Klemmschraube*	Altlık *Shim* *Unterlage*	Altlık Vidası *Shim Screw* *Schraube für Unterlage*	Sızdırmaz Vida *Threaded Pin* *Gewindestift*	*Anahtar* *Allen Key* *Innensechskantschlüssel*	Tork Anahtar *Torx Key* *Torx-Schlüssel*
STGCR/L 1216 K16-SHP	●	○	12	16	125	16	**TC.T 16T3..**	4015-M3.5x14	AATN-2-0001	AAV-06-M3.5x11	2703-M6X4	AAL-03-3	80-T15
1616 K16-SHP	●	○	16	16	125	16					2704-M8X1X5	AAL-05-4	

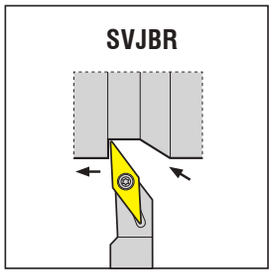
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock /*Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
ISO Ucuna Uygundur. / Compatible with ISO Insert. / Kompatibel mit ISO Wendeplatten.

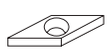
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück STGCR 1216 K11-S

KAPR=93°

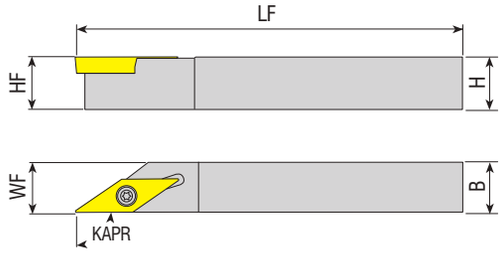


SVJBR

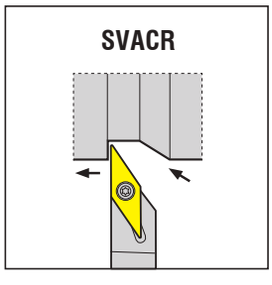


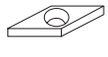
Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube*	Altlık *Shim* *Unterlage*	Altlık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

KAPR=90°



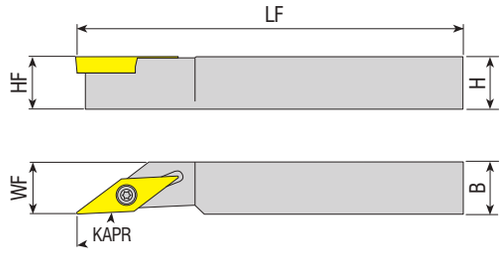
SVACR

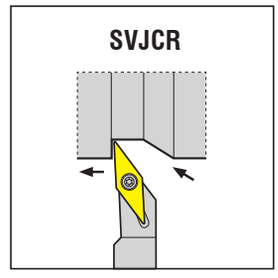


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube*	Altlık *Shim* *Unterlage*	Altlık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

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

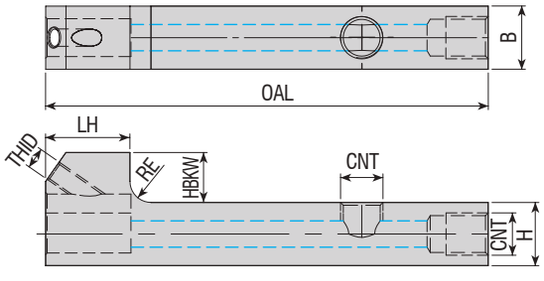
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück SVJBR 1616 K11-S





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

SEC TOOLS

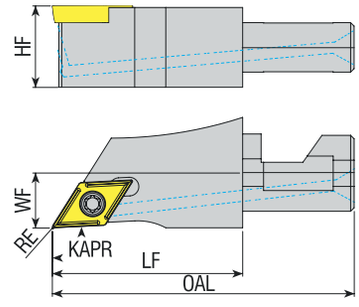


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager*	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* H	B	RE	HBKW	LH	OAL	CNT	THID	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Sızdırmaz Vida *Threaded Pin* *Резьбовой Винт*	Montaj Vidası *Mounting Screw* *Монтажный винт*	Anahtar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

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

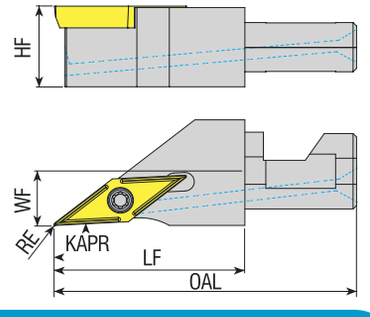
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück SVJCR 0808 X11-S

KAPR=93°



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

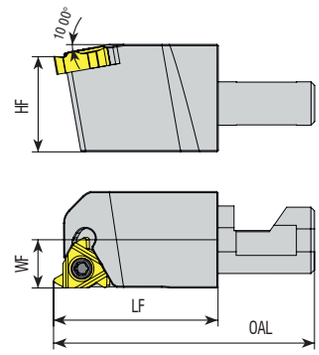
KAPR=93°



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

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

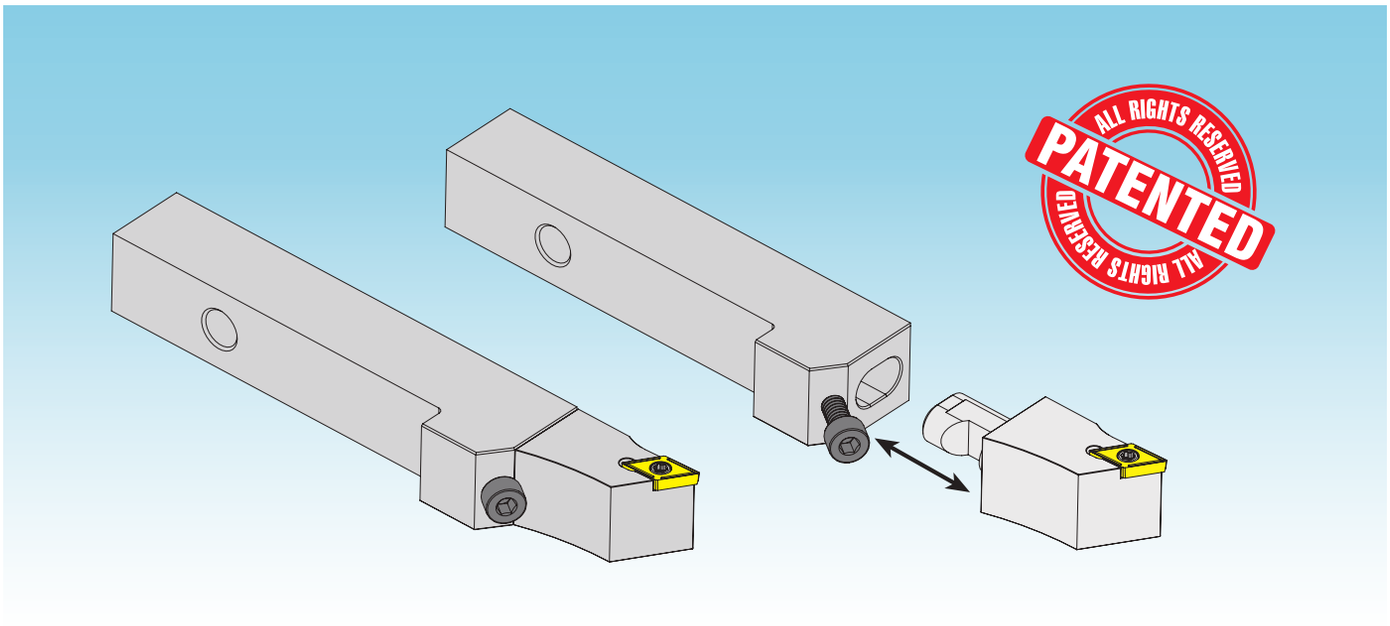
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück SDJCR-12X43.3-07



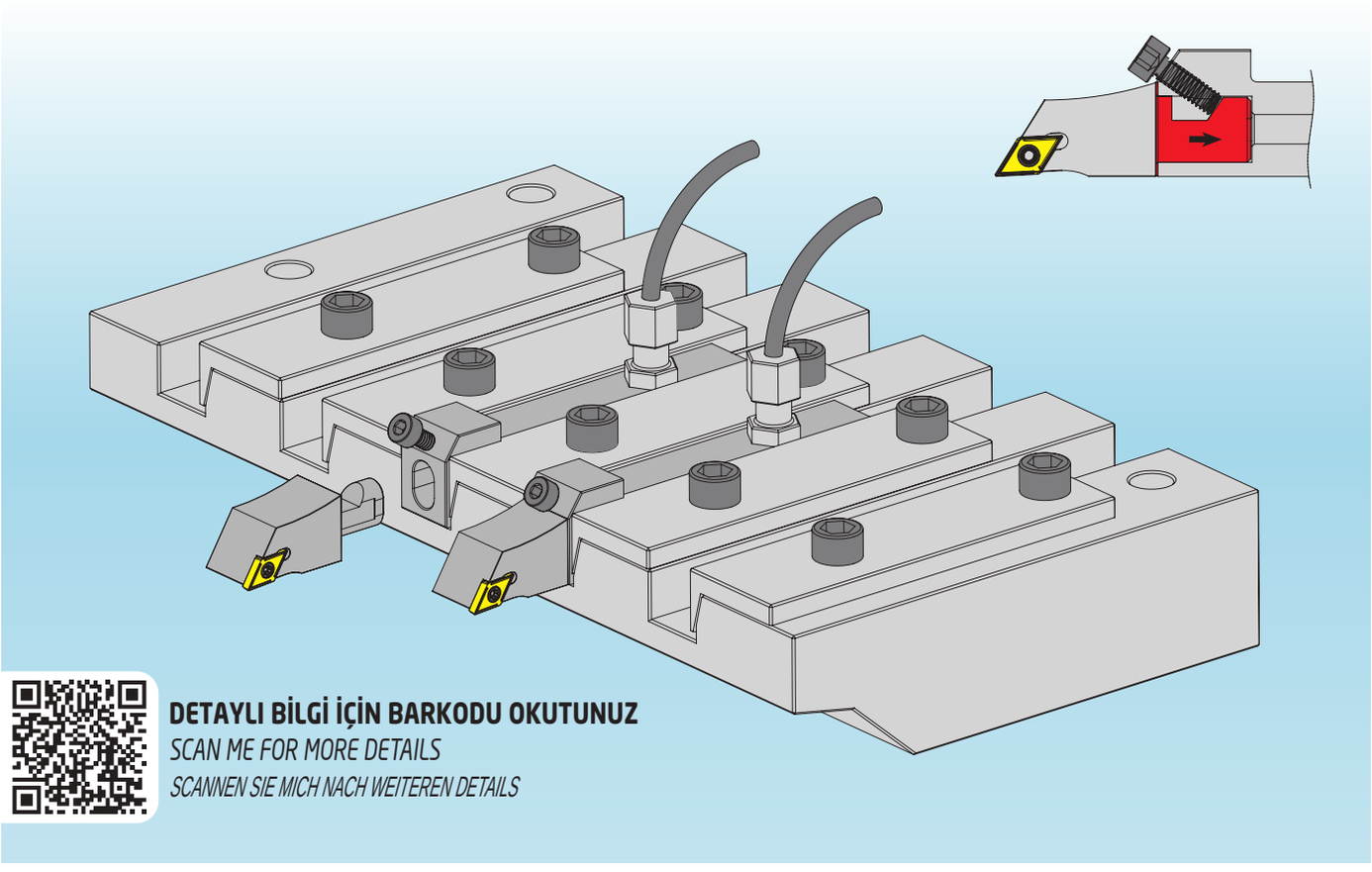
Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok *Stock* *Lager* L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* OAL	LF	WF	HF	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube*	Sağ Altlık *Right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

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

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



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



DELİK TORNA TAKIMLARI

INTERNAL TURNING TOOLHOLDERS

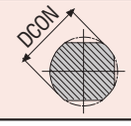
DREHWERKZEUGE FÜR DIE INNENBEARBEITUNG

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

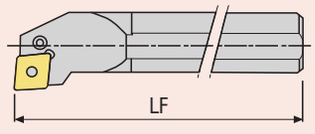
1 Takım Malzemesi / *Type of Boring Bar* / *Art der Bohrstange*

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

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



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



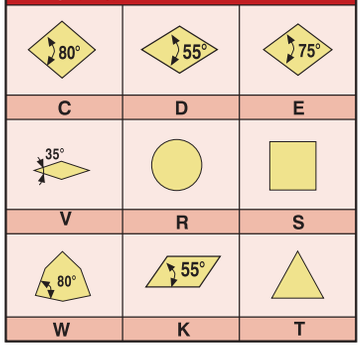
(mm)

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

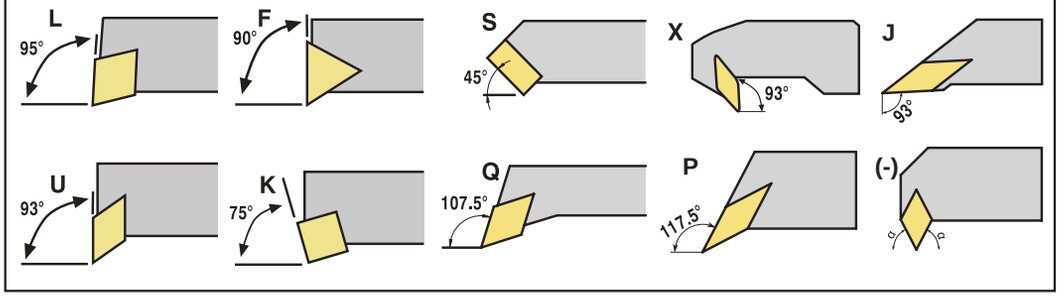
4 Sıkma Tipi / *Method of Mounting of Insert* / *Art der Schneideplattenbefestigung*

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

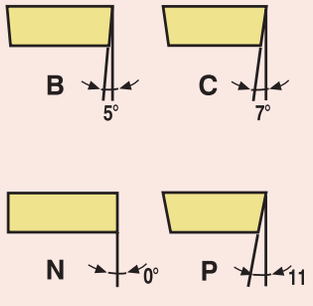
5 Uç Tipi / *Type of Insert* / *Plattenform*



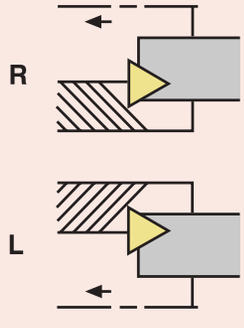
6 Yanaşma Açısı / *Tool Holder Shape Bar Geometry* / *Anstellwinkel*



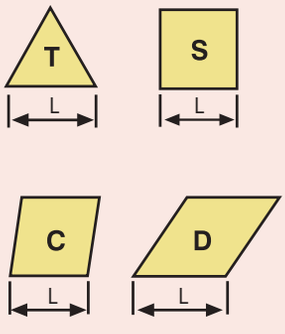
7 Serbest Uç Açısı / *Insert Clearance Ange* / *Freiwinkel*



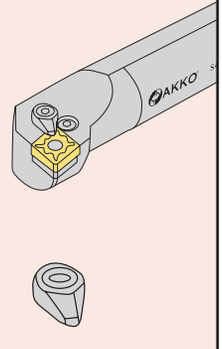
8 Kesme Yönü / *Cutting Direction* / *Halterausführung*



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



10 Baskı Pabucu / *Wedge Clamp* / *Spannpratze*



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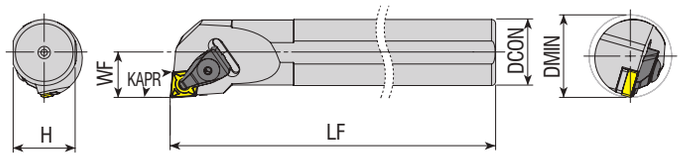
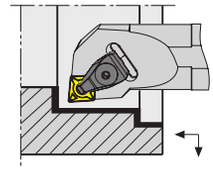
KAPR=95°

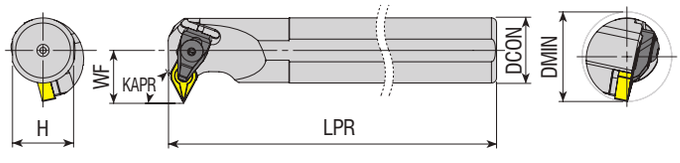


TCLNR

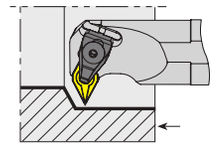


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON	H	LF	WF	DMIN	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Baskı Pabucu *Wedge Clamp* *Spannpratze*	Pabuç Vidası *Clamp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

KAPR=62.5°



TD-NR

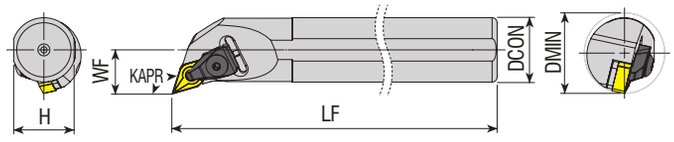


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON	H	LPR	WF	DMIN	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Baskı Pabucu *Wedge Clamp* *Spannpratze*	Pabuç Vidası *Clamp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

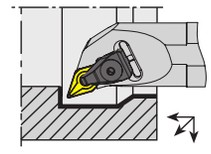
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück S25S TCLNR 09

KAPR=107.5°

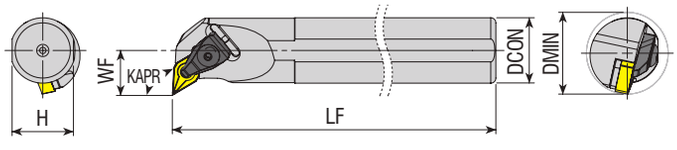


TDQNR

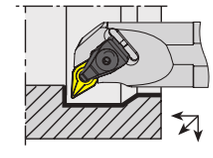


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON	H	LF	WF	DMIN	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Baskı Pabucu *Wedge Clamp* *Spannpratze*	Pabuç Vidası *Clamp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

KAPR=93°



TDUNR

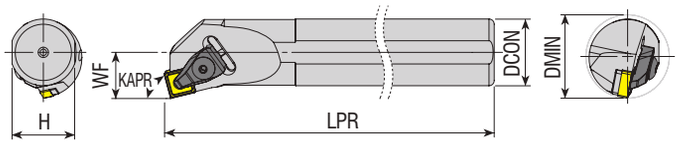


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON	H	LF	WF	DMIN	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Baskı Pabucu *Wedge Clamp* *Spannpratze*	Pabuç Vidası *Clamp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

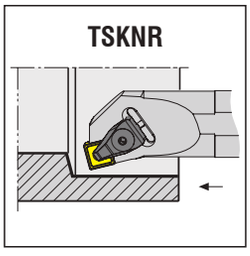
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

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

KAPR=75°

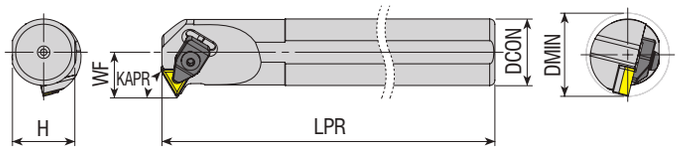


TSKNR

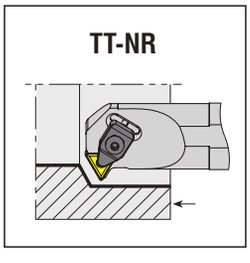


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON	H	LPR	WF	DMIN	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Baskı Pabucu *Wedge Clamp* *Spannpratze*	Pabuç Vidası *Clamp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

KAPR=60°



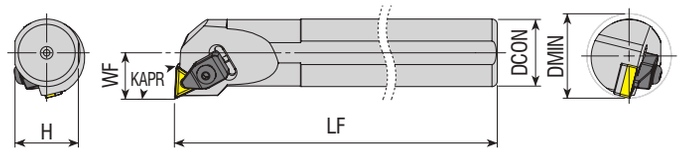
TT-NR

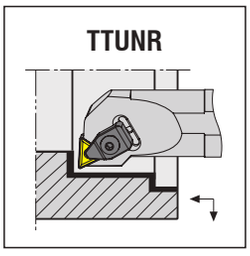


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON	H	LPR	WF	DMIN	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Baskı Pabucu *Wedge Clamp* *Spannpratze*	Pabuç Vidası *Clamp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

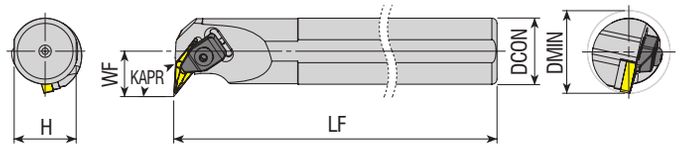
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

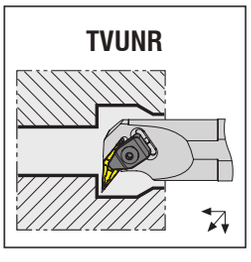
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück S25S TSKNR 12

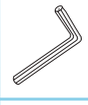




Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON	H	LF	WF	DMIN	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Baskı Pabucu *Wedge Clamp* *Spannpratze*	Pabuç Vidası *Clamp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



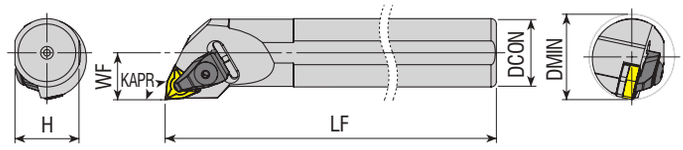


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON	H	LF	WF	DMIN	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Baskı Pabucu *Wedge Clamp* *Spannpratze*	Pabuç Vidası *Clamp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

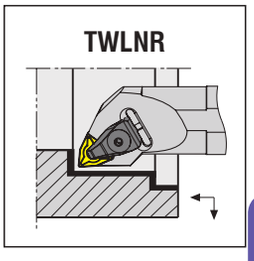
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

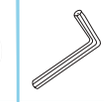
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück S25S TTUNR 16

KAPR=95°



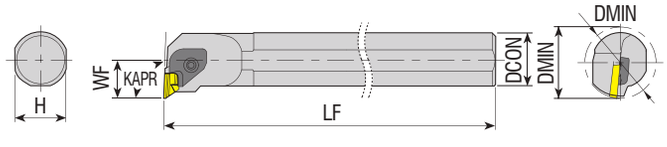
TWLNR



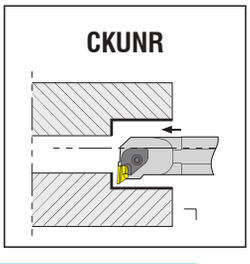
Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON	H	LF	WF	DMIN	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Baskı Pabucu *Wedge Clamp* *Spannpratze*	Pabuç Vidası *Clamp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

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

KAPR=93°



CKUNR

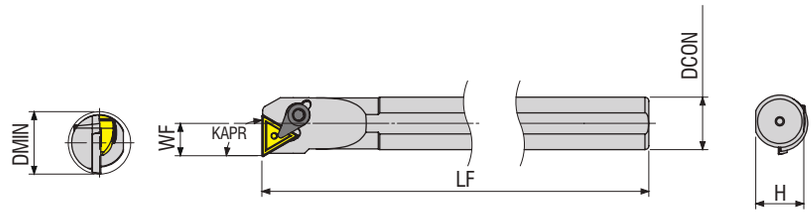


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON	H	LF	WF	DMIN	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Baskı Pabucu *Wedge Clamp* *Spannpratze*	Pabuç Vidası *Clamp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

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

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück S25S TWLNR 06

new



Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok *Stock* *Lager* L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON	H	LF	WF	DMIN	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Baskı Pabucu *Wedge Clamp* *Spannpratze*	Pabuç Vidası *Clamp Screw* *Klemmschraube*	Altlık *Shim* *Unterlage*	Altlık Vidası *Shim Screw* *Schraube für Unterlage*	Segman *Ring* *Feder*	Pul *Stamp* *Ring*	Anahtar *Allen Key* *Innensechskantschlüssel*
S16R CTFPR/L 16	●	○	16	14.7	200	11	22	**TP. 1603..**	ACK-06	AKV-10-M6X14	-	-	-	-	AAL-05-4
S20S CTFPR/L 16	●	○	20	18.3	250	13	24								
S25T CTFPR/L 16	●	○	25	23	300	17	32								

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

Sipariş Örneği/Ordering Example/ *Bestellbeispiel*
1 ad./pcs./stück S16R CTFPR 16

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quality...

M-SİSTEM

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

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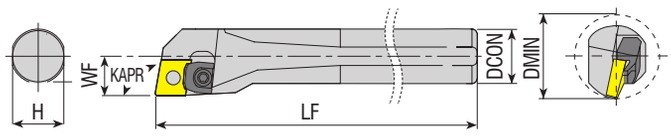
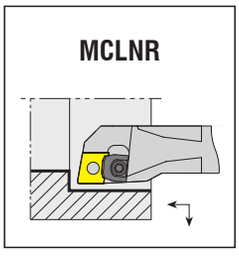
KAPR=95°

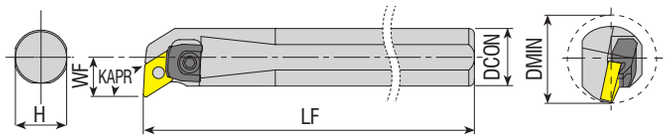


MCLNR

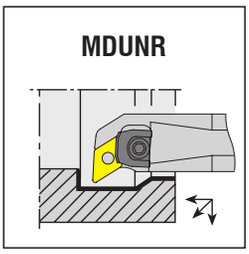


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON	H	LF	WF	DMIN	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Baskı Pabucu *Wedge Clamp* *Spannpratze*	Pabuç Vidası *Clamp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

KAPR=93°



MDUNR

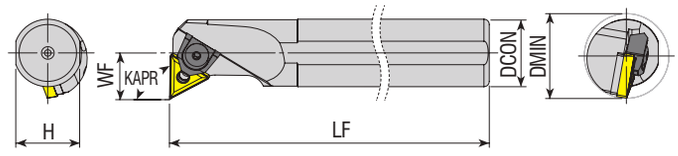


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON	H	LF	WF	DMIN	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Baskı Pabucu *Wedge Clamp* *Spannpratze*	Pabuç Vidası *Clamp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

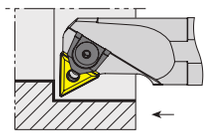
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

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

KAPR=90°

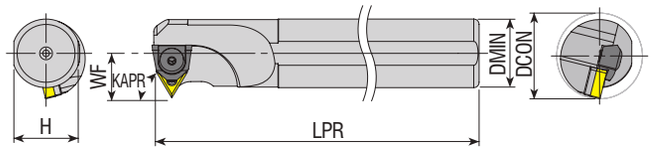


MTFNR

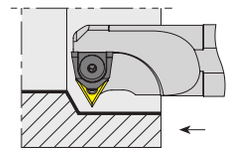


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok *Stock* *Lager* L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON	H	LF	WF	DMIN	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Baskı Pabucu *Wedge Clamp* *Spannpratze*	Pabuç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

KAPR=60°



MT-NR

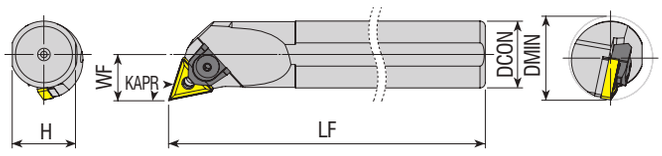


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok *Stock* *Lager* L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON	H	LPR	WF	DMIN	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Baskı Pabucu *Wedge Clamp* *Spannpratze*	Pabuç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

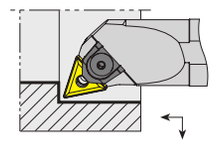
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

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

KAPR=107.5°

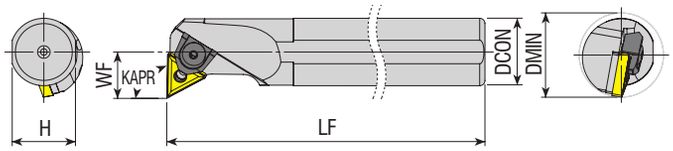


MTQNR

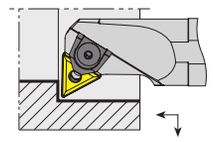


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok *Stock* *Lager* L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON	H	LF	WF	DMIN	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Baskı Pabucu *Wedge Clamp* *Spannpratze*	Pabuç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

KAPR=93°



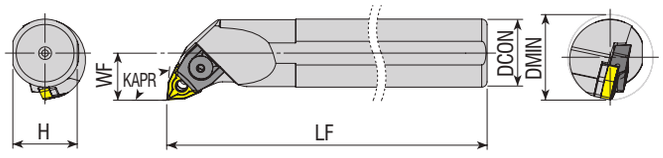
MTUNR

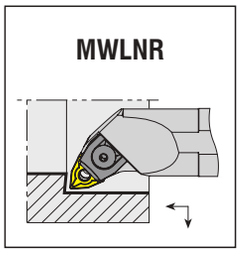


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok *Stock* *Lager* L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON	H	LF	WF	DMIN	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Baskı Pabucu *Wedge Clamp* *Spannpratze*	Pabuç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

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

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





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

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

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

AKKO®

konuşulan
the spoken kalite...
quality...

P-SİSTEM

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

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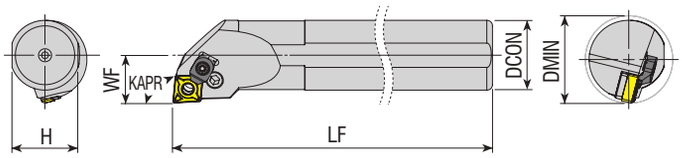
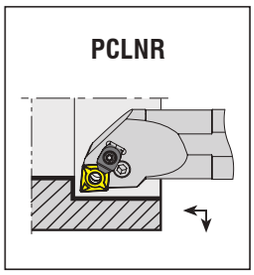
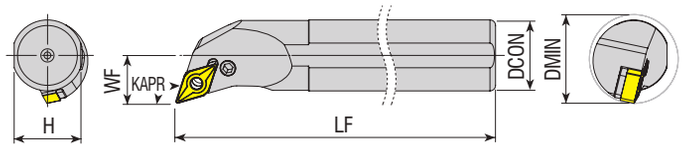


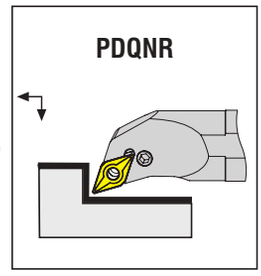


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok *Stock* *Lager* L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON	H	LF	WF	DMIN	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Levye *Lever* *Kniehebel*	Levye Vidası *Lever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

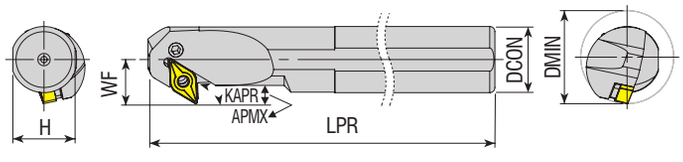
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

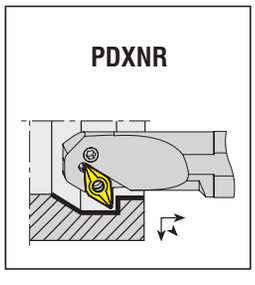
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück S16P PCLNR 09





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





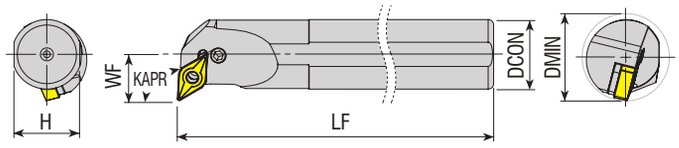
Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON	H	LPR	WF	APMX	DMIN	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Levye *Lever* *Kniehebel*	Levye Vidası *Lever Screw* *Kniehebelschraube*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

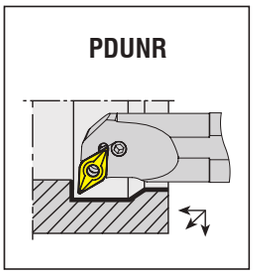
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*

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

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

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



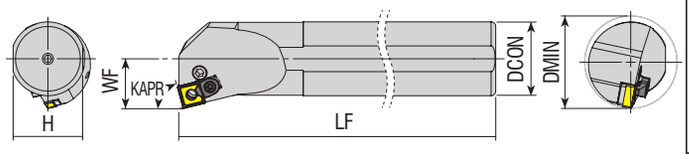


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok *Stock* *Lager* L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON	H	LF	WF	DMIN	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Levye *Lever* *Kniehebel*	Levye Vidası *Lever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

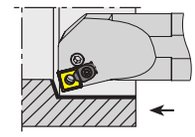
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

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

KAPR=75°

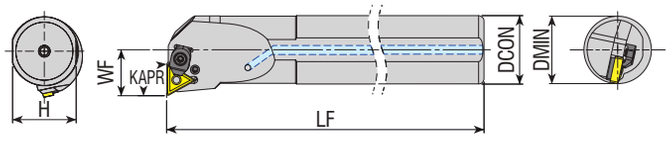


PSKNR

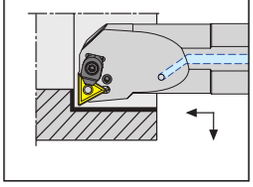


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON	H	LF	WF	DMIN	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Levye *Lever* *Kniehebel*	Levye Vidası *Lever Screw* *Kniehebelschraube*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

KAPR=90°



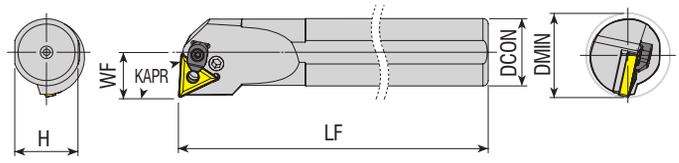
PTFNR

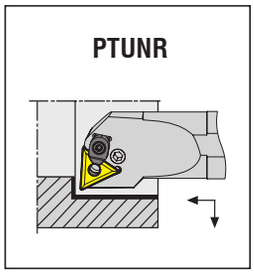


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON	H	LF	WF	DMIN	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Levye *Lever* *Kniehebel*	Levye Vidası *Lever Screw* *Kniehebelschraube*	Altlık *Shim* *Unterlage*	Altlık Yayı *Shim Spring* *Feder für Unterlage*	Baskı Pabucu *Wedge Clamp* *Spannpratze*	Pabuç Vidası *Clamp Screw* *Klemmschraube*	Anahtar *Allen Key* *Innensechskantschlüssel*
A25R PTFNR/L 16C	●	●	25	23	200	17	≥32	**TNM. 1604..**	APL-01	ALV-02-M6x17	AATN-3-0025	AAY-01	ACK-05	4015-M4x11	AAL-03-3
A32S PTFNR/L 16C	●	●	32	30	250	22	≥40								

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

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

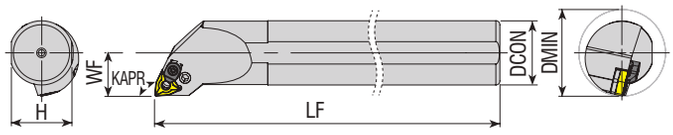


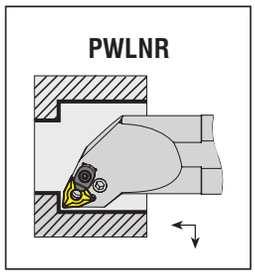


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON	H	LF	WF	DMIN	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Levye *Lever* *Kniehebel*	Levye Vidası *Lever Screw* *Kniehebelschraube*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

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

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





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

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

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

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the spoken kalite...
quality...

S-SİSTEM

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

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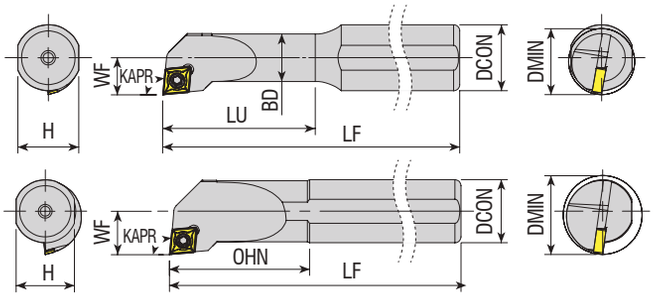
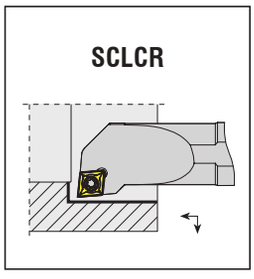
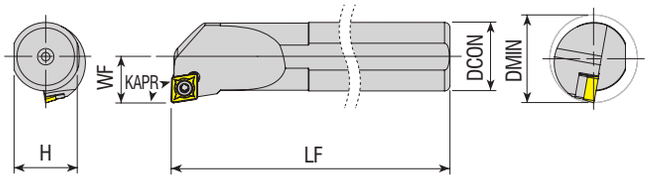


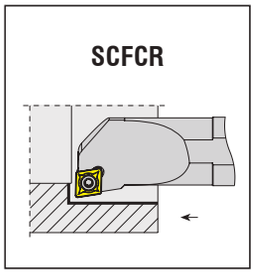


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok *Stock* *Lager* L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON	BD	H	LU=OHN	LF	WF	DMIN	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube*	Altlık *Shim* *Unterlage*	Altlık Vidası *Shim Screw* *Schraube für Unterlage*	Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel*
S0508H SCLCR/L 03	●	○	08	5	7.3	18	100	3	≥6	**CC.T 030102**	4006-M1.6x3.2			82-T06
S0608H SCLCR/L 06	●	●	08	6	7.3	25	100	4.5	≥8		4008-M2.5x4.5			
S08H SCLCR/L 06	●	●	08	8	7.3	20	100	06	≥11					
S10K SCLCR/L 06	●	●	10	10	09	25	125	07	≥13	**CC.T 0602..**	4008-M2.5x6	-	-	82-T08
S12K SCLCR/L 06	●	●	12	12	11	25	125	09	≥16					
S1216P SCLCR/L 06	●	●	16	11.5	14.8	37	170	09	≥16					
S16P SCLCR/L 06	●	●	16	16	14.8	35	170	11	≥20					
S12K SCLCR/L 09	●	●	12	12	11	30	125	09	≥16		4015-M3.5x8			
S1416P SCLCR/L 09	●	●	16	14	14.8	45	170	9.5	≥17					
S16P SCLCR/L 09	●	●	16	16	14.8	35	170	11	≥20					
S1620R SCLCR/L 09	●	●	20	16	18.3	50	200	11	≥20	**CC.T 09T3..**	4015-M3.5x9	-	-	80-T15
S20R SCLCR/L 09	●	●	20	20	18.3	40	200	13	≥25					
S25S SCLCR/L 09	●	●	25	25	23	50	250	17	≥32					
S32T SCLCR/L 09	●	●	32	32	30	60	300	22	≥40		4015-M3.5x12	AACN-2-0001	AAV-08-M3.5x8	
S25S SCLCR/L 12	●	●	25	25	23	50	250	17	≥32					
S32T SCLCR/L 12	●	●	32	32	30	60	300	22	≥40	**CC.T 1204..**	4020-M4.5x12	AACN-2-0003	AAV-10-M4.5x8	80-T20
S40U SCLCR/L 12	●	●	40	40	37.5	70	350	27	≥50		1020-M4.5x16			
A08H SCLCR/L 06	●	●	08	8	7.3	20	100	06	≥11					
A10H SCLCR/L 06	●	●	10	10	09	25	100	07	≥13	**CC.T 0602..**	4008-M2.5x6	-	-	82-T08
A12H SCLCR/L 06	●	●	12	12	11	25	100	09	≥16					
A16M SCLCR/L 09	●	●	16	16	14.8	35	150	11	≥20		4015-M3.5x9	-	-	
A20P SCLCR/L 09	●	●	20	20	18.3	40	170	13	≥25					80-T15
A25R SCLCR/L 09	●	●	25	25	23	50	200	17	≥32					
A32S SCLCR/L 09	●	●	32	32	30	60	250	22	≥40	**CC.T 09T3..**	4015-M3.5x12	AACN-2-0001	AAV-08-M3.5x8	
A25R SCLCR/L 12	●	●	25	25	23	50	200	17	≥32	**CC.T 1204..**	4020-M4.5x12	AACN-2-0003	AAV-10-M4.5x8	80-T20

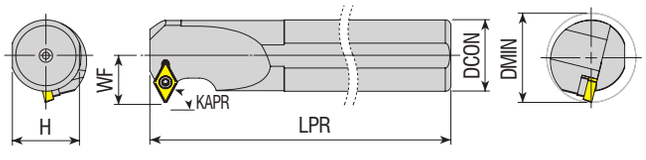
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

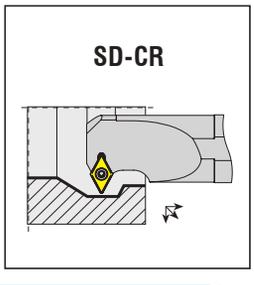
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück S0508H SCLCR 03





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

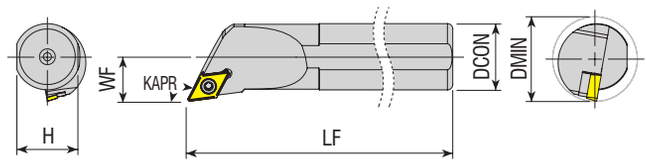


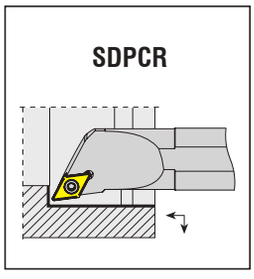


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON	H	LPR	WF	DMIN	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Sıkma Vidası *Screw* *Klemmschraube*	Altlık *Shim* *Unterlage*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

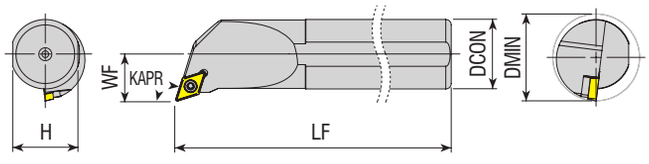
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

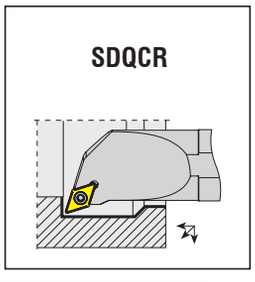
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück S08H SCFCR 06





Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON	H	LF	WF	DMIN	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Sıkma Vidası *Screw* *Klemmschraube*	Altlık *Shim* *Unterlage*	Altlık Vidası *Shim Screw* *Schraube für Unterlage*	Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel*
S10K SDPCR/L 07	●	●	10	09	125	07	≥13	**DC.T 0702..**	4008-M2.5x6	-	-	82-T08
S12K SDPCR/L 07	●	●	12	11	125	09	≥16					
S16P SDPCR/L 11	●	●	16	14.8	170	11	≥20	**DC.T 11T3..**	4015-M3.5x9	-	-	80-T15
S20R SDPCR/L 11	●	●	20	18.3	200	13	≥25		4015-M3.5x11			
S25S SDPCR/L 11	●	●	25	23	250	17	≥32		4015-M3.5x12	AADN-2-0001	AAV-08-M3.5x8	

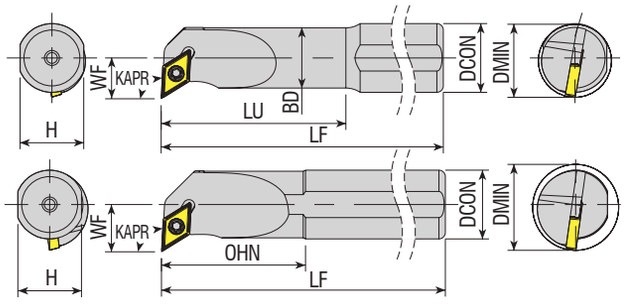


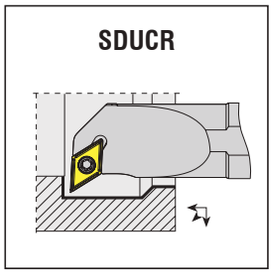


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON	H	LF	WF	DMIN	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Sıkma Vidası *Screw* *Klemmschraube*	Altlık *Shim* *Unterlage*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

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

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

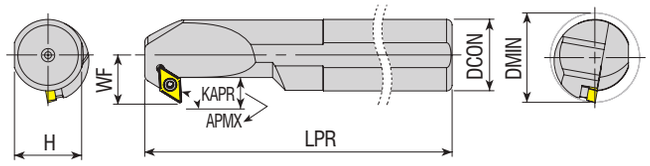


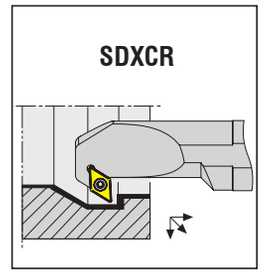


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON	BD	H	LU=OHN	LF	WF	DMIN	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Sıkma Vidası *Screw* *Klemmschraube*	Altlık *Shim*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

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

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



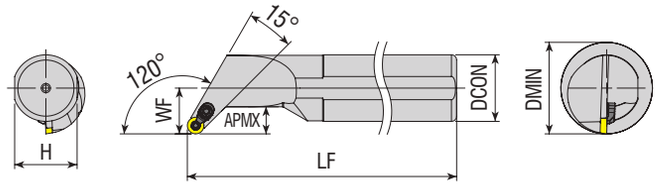


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON	H	LPR	WF	APMX	DMIN	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube*	Altlık *Shim* *Unterlage*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

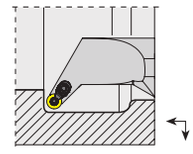
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

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

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

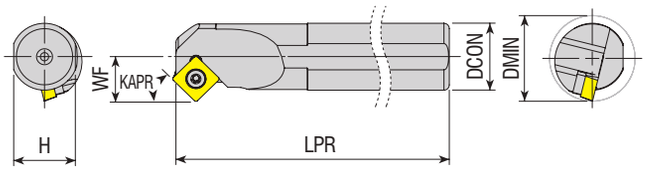


SRGCR

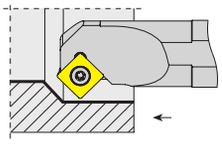


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok *Stock* *Lager* L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON	H	LF	WF	APMX	DMIN	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Sıkma Vidası *Screw* *Klemmschraube*	Altlık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

KAPR=45°



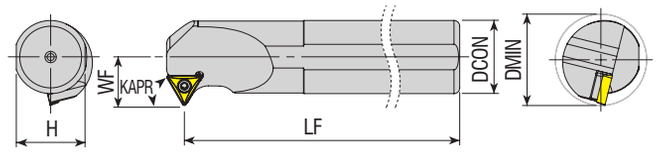
SSSCR

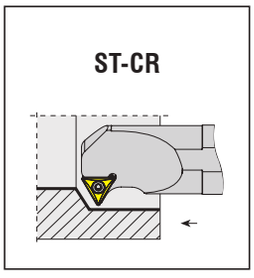


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok *Stock* *Lager* L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON	H	LPR	WF	DMIN	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Sıkma Vidası *Screw* *Klemmschraube*	Altlık *Shim* *Unterlage*	Altlık Vidası *Shim Screw* *Schraube für Unterlage*	Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel*
S16P SSSCR/L 09	●	●	16	14.8	170	11	≥20	**SC.T 09T3..**	4015-M3.5x9	-	-	80-T15
S20R SSSCR/L 09	●	●	20	18.3	200	13	≥25		4015-M3.5x11			
S25S SSSCR/L 09	●	●	25	23	250	17	≥32		4015-M3.5x12	AASN-2-0001	AAV-08-M3.5x8	
S25S SSSCR/L 12	●	●	25	23	250	17	≥32	**SC.T 1204..**	4020-M4.5x12	AASN-2-0004	AAV-10-M4.5x8	80-T20
S32T SSSCR/L 12	●	○	32	30	300	22	≥40		1020-M4.5x16		AAV-10-M4.5x8	
S40U SSSCR/L 12	●	○	40	37.5	350	27	≥50					

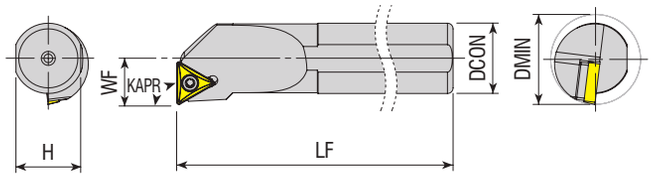
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

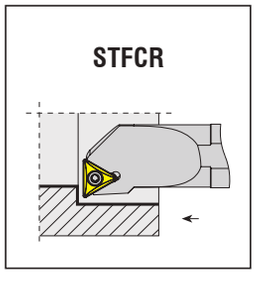
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück S16P SRGCR 08





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

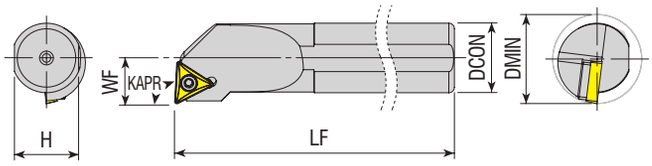


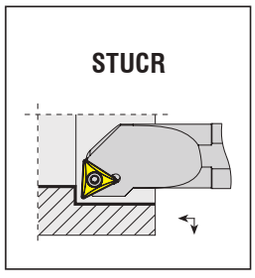


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok *Stock* *Lager* L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON	H	LF	WF	DMIN	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube*	Altlık *Shim*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

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

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

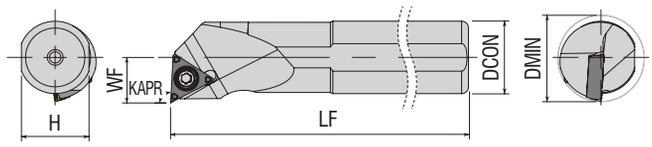


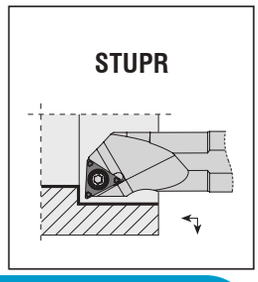


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok *Stock* *Lager* L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON	H	LF	WF	DMIN	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Sıkma Vidası *Screw* *Klemmschraube*	Altlık *Shim*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

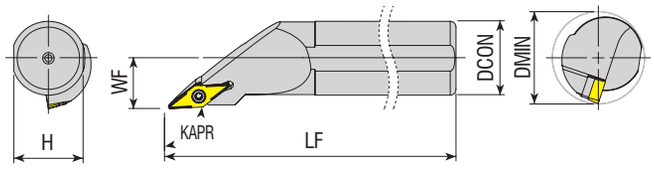
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

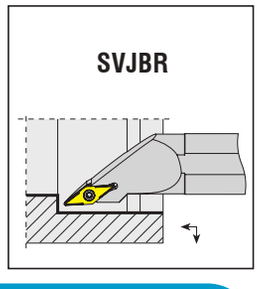
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück S10K STUCR 09





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

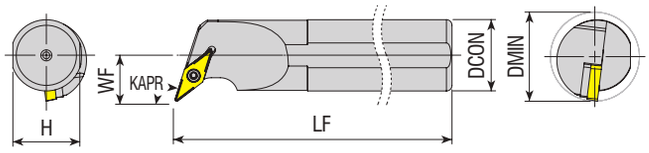


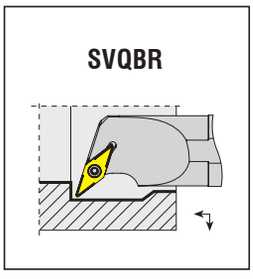


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok *Stock* *Lager* L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON	H	LF	WF	DMIN	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Sıkma Vidası *Screw* *Klemmschraube*	Altlık *Shim*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

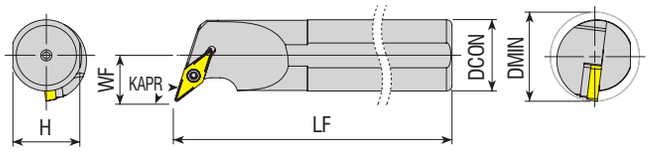
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

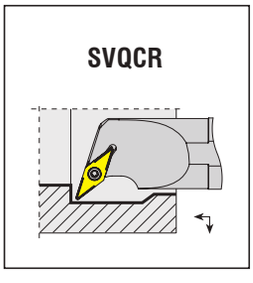
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück S08H STUPR 0802





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

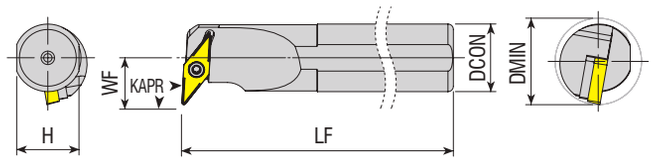


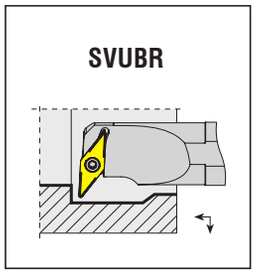


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok *Stock* *Lager* L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON	H	LF	WF	DMIN	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Sıkma Vidası *Screw* *Klemmschraube*	Altlık *Shim*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

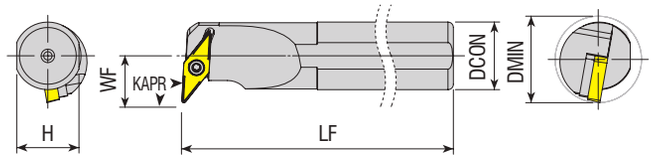
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

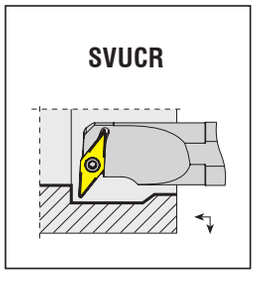
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück S16P SVQBR 11





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

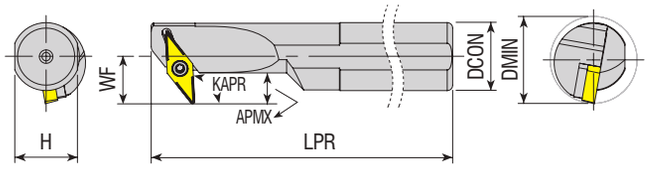


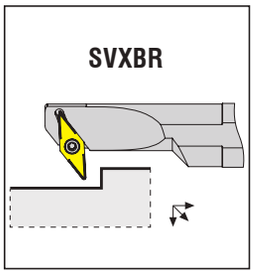


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok *Stock* *Lager* L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON	H	LF	WF	DMIN	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Sıkma Vidası *Screw* *Klemmschraube*	Altlık *Shim*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

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

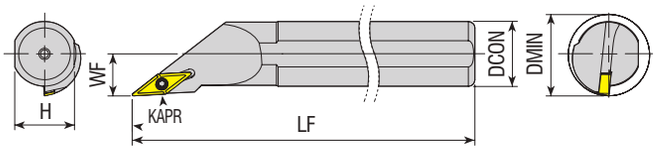
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück S16P SVUBR 11

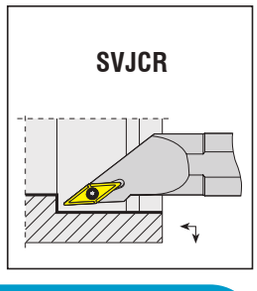




Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok *Stock* *Lager* L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON	H	LPR	WF	APMX	DMIN	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Sıkma Vidası *Screw* *Klemmschraube*	Altlık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

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



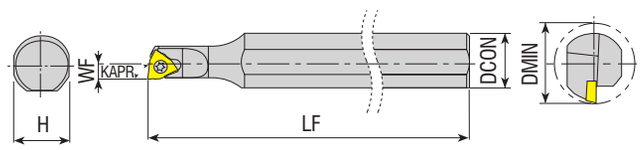


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok *Stock* *Lager* L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON	H	LF	WF	DMIN	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Sıkma Vidası *Screw* *Klemmschraube*	Altlık *Shim*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

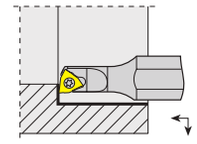
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

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

KAPR=95°

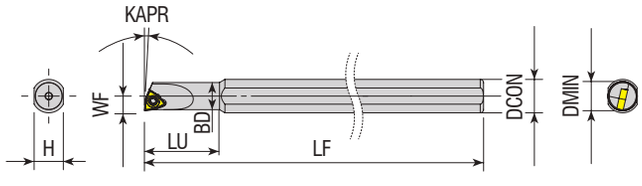


SWLCR

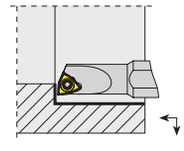


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager*	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON	H	LF	WF	DMIN	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Sıkma Vidası *Screw* *Klemmschraube*	Altlık *Shim* *Unterlage*	Altlık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

KAPR=93°



SWUBR

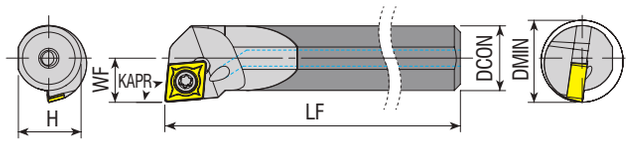


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager*	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON	BD	H	LU	LF	DMIN	WF	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Sıkma Vidası *Screw* *Klemmschraube*	Altlık *Shim* *Unterlage*	Altlık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

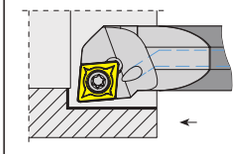
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
KYCR-ISCR Ucuna Uygundur. / Compatible with KYCR-ISCR Insert. / *Kompatibel mit KYCR-ISCR Wendeplatten.*

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

KAPR=95°

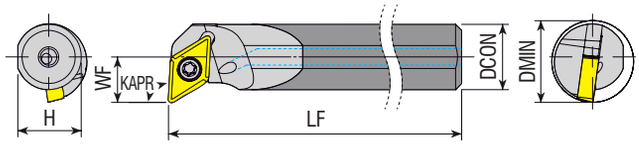


SCLCR

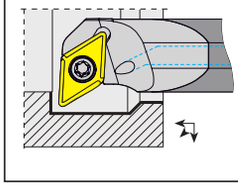


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON	H	LF	WF	DMIN	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Sıkma Vidası *Screw* *Klemmschraube*	Altlık *Shim* *Unterlage*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

KAPR=93°



SDUCR

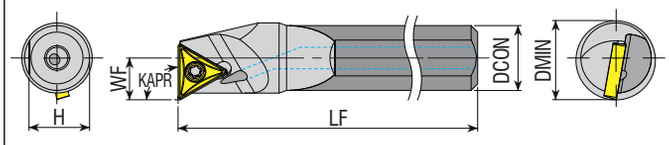


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON	H	LF	WF	DMIN	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Sıkma Vidası *Screw* *Klemmschraube*	Altlık *Shim* *Unterlage*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

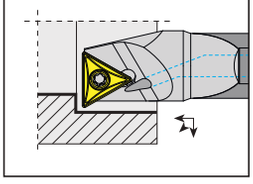
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

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

KAPR=90°

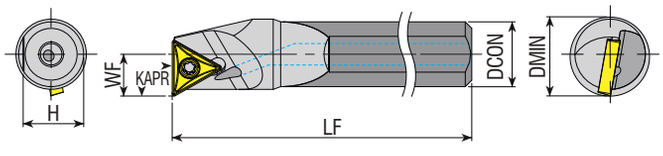


STFCR

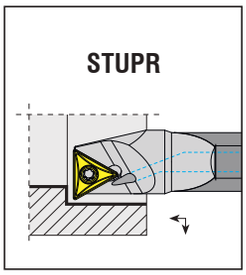


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok *Stock* *Lager* L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON	H	LF	WF	DMIN	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Sıkma Vidası *Screw* *Klemmschraube*	Altlık *Shim*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

KAPR=93°



STUPR

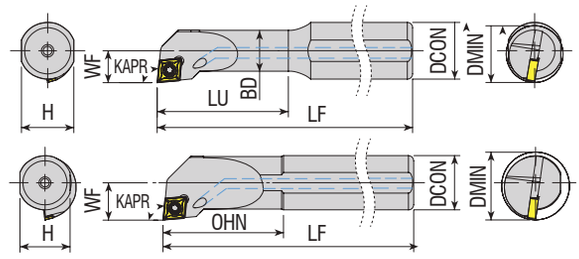


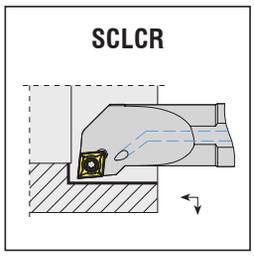
Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok *Stock* *Lager* L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON	H	LF	WF	DMIN	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Sıkma Vidası *Screw* *Klemmschraube*	Altlık *Shim*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

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

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

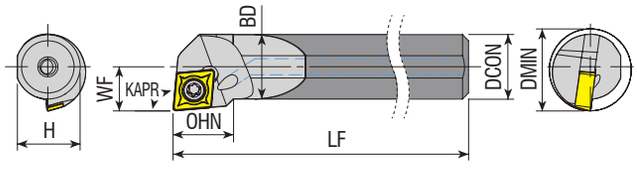
SET-A/SCLCR/L

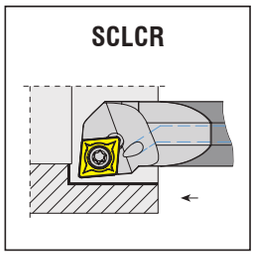




Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON	BD	H	LU=OHN	LF	WF	DMIN	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Sıkma Vidası *Screw* *Klemmschraube*	Altlık *Shim*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

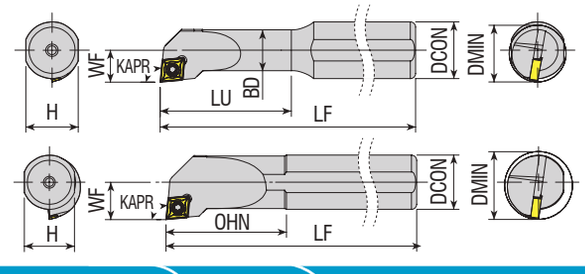
SET-E/SCLCR/L

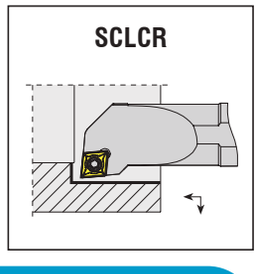




Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON	BD	H	OHN	LF	WF	DMIN	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Sıkma Vidası *Screw* *Klemmschraube*	Altlık *Shim* *Unterlage*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

SET-S/SCLCR/L



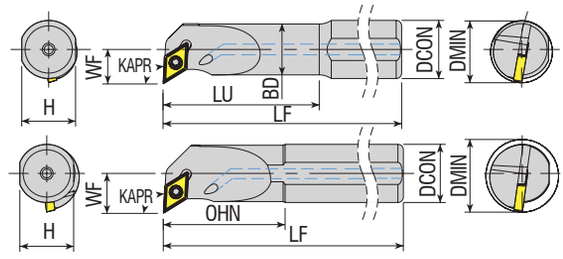


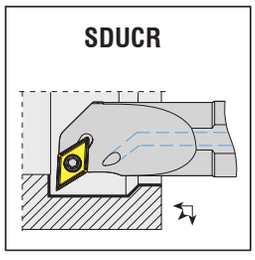
Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON	BD	H	LU=OHN	LF	WF	DMIN	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Sıkma Vidası *Screw* *Klemmschraube*	Altlık *Shim*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

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

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

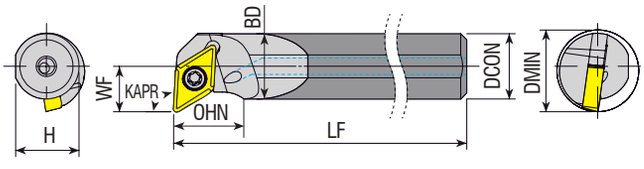
SET-A/SDUCR/L

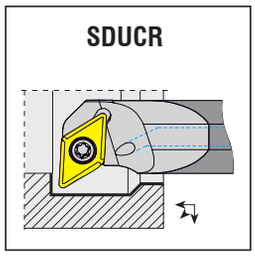




Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON	BD	H	LU=OHN	LF	WF	DMIN	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Sıkma Vidası *Screw* *Klemmschraube*	Altlık *Shim*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

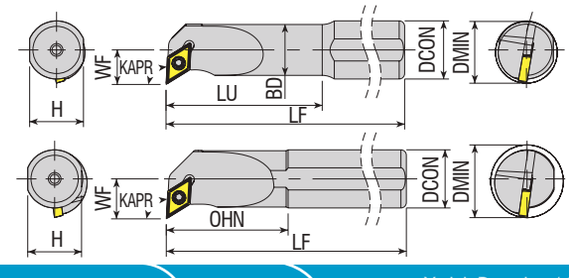
SET-E/SDUCR/L

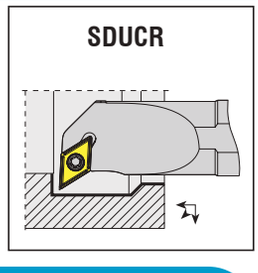




Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON	BD	H	OHN	LF	WF	DMIN	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Sıkma Vidası *Screw* *Klemmschraube*	Altlık *Shim* *Unterlage*	Altlık Vidası *Shim Screw* *Schraube für Unterlage*	Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel*
E10M SDUCR/L 07	●	○	10	10	9.5	09	150	8	≥13	**DC.T 0702..**	4008-M2.5x6	-	-	82-T08
E12Q SDUCR/L 07	●	○	12	12	11	10	180	9	≥16					
E16R SDUCR/L 11	●	○	16	16	15	12	200	11	≥20	**DC.T 11T3..**	4015-M3.5x9			80-T15

SET-S/SDUCR/L





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

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

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

AKKO®

konuşulan
the spoken kalite...
quality...

TIRLAMAZ

TIRLAMAZ TAKIMLAR
ANTIVIBRATION TOOLS
SCHWINGUNGSGEDÄMPFTE BOHRSTANGEN

www.akko.com.tr

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

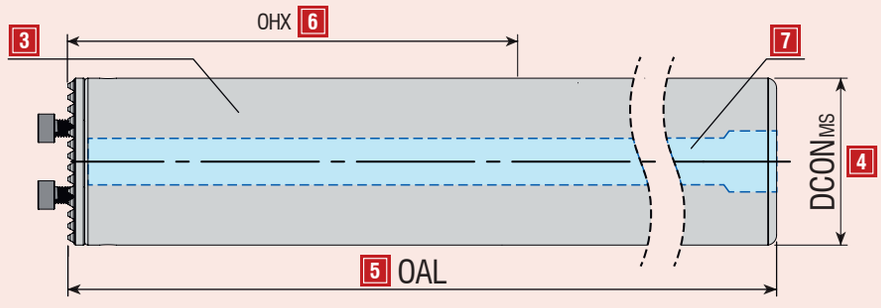
2 Takım Tipi
Tool Type
Werkzeugtyp

Tırlamaz Takım
Anti Vibration Tool
Schwingungsgedämpfte Bohrstange

8 Takım Malzemesi
Type of Boring Bar
Art der Bohrstange

Karbür Takviyeli
Carbide reinforced
Hartmetall verstärkt

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



AKKO					
A	T T	C	A	16	SDUCR11
1	2	3	4	5	6

2 Takım Tipi
Tool Type
Werkzeugtyp

Tırlamaz Takım Kartuşu
Anti Vibration Tool Cartridge
Wechselkopf für Schwingungsgedämpfte Bohrstange

3 Kartuş Kodu
Cartridge Code
Bezeichnung für Wechselkopf

Kartuş
Cartridge
Wechselkopf

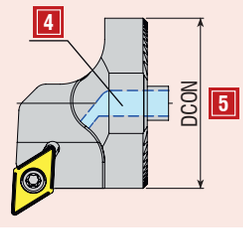
4 İçten Soğutmalı
With Coolant Hole
Mit Innenkühlung

5 Bağlama Çapı
Connection Diameter
Anschlussdurchmesser

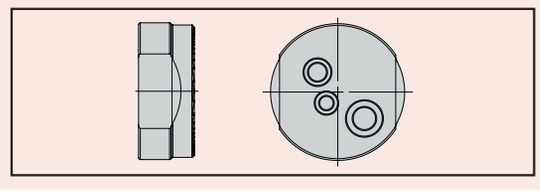
Ø16 - Ø20 - Ø25
Ø32 - Ø40

2 Kartuş Tipi
Cartridge Type
Wechselkopftyp

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



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



2 Takım Tipi
Tool Type
Werkzeugtyp

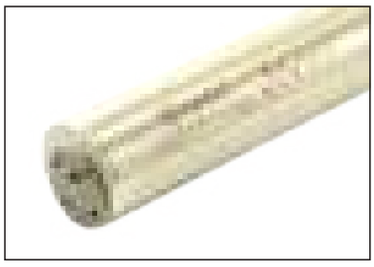
Tırlamaz Takım Kartuşu
Anti Vibration Tool Cartridge
Wechselkopf für Schwingungsgedämpfte Bohrstangen

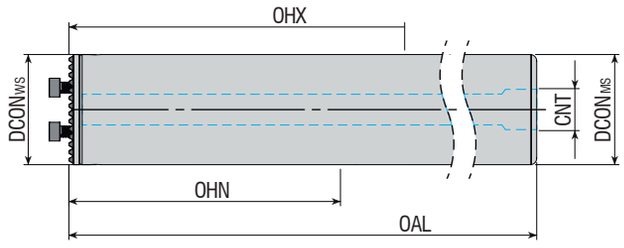
3 Kartuş
Cartridge
Wechselkopf

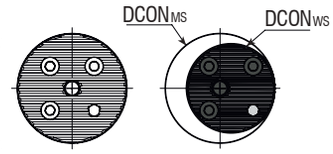
Merkezleme Kartuş Kodu
Centering Cartridge Code
Bezeichnung für zentriertes Wechselkopf

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

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







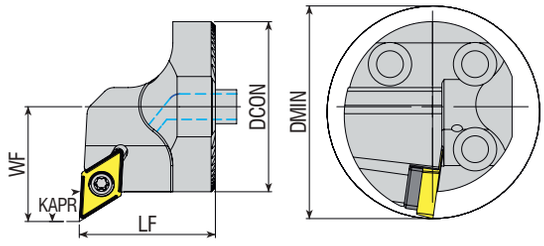
50 & 60 mm shanks

Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager*	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)*								Yedek Parçaları / *Spare Parts* / *Ersatzteile*	
		DCONMS	DCONWS	OAL	OHN	OHX	CNT	DCON	DMIN	Montaj Vidası *Shim Screw* *Schraube für Unterlage*	Montaj Vida Anahtar *Mounting Screw Key* *Монтажный винт с головкой под шестигранник*
ATTB-D16-156-7D-H	○	16	16	156	55	92	G1/8	16	20	2525-M3X10	AAL-02-2.5
ATTB-D16-204-10D-H-E	○	16	16	204	96	140	G1/8	16	20		
ATTB-D20-200-7D-H	○	20	20	200	70	120	G1/4	20	25	2525-M3.5X10	
ATTB-D20-260-10D-H-E	○	20	20	260	120	180	G1/4	20	25		
ATTB-D25-255-7D-H	●	25	25	255	88	158	G1/4	25	32	2503-M4X12	AAL-03-3
ATTB-D25-330-10D-H	○	25	25	330	155	230	G1/4	25	32		
ATTB-D32-320-7D-H	●	32	32	320	100	192	G3/8	32	40	2504-M5X16	AAL-05-4
ATTB-D32-416-10D-H	○	32	32	416	192	288	G3/8	32	40		
ATTB-D40-408-7D-H	●	40	40	408	128	248	G1/2	40	50	2505-M6X16	AAL-07-5
ATTB-D40-528-10D-H	○	40	40	528	248	368	G1/2	40	50		
ATTB-D50-519-7D-H	●	50	40	519	168	318	G1/2	40	63		
ATTB-D50-669-10D-H	○	50	40	669	318	468	G1/2	40	63		
ATTB-D60-628-7D-H	●	60	40	628	208	388	G3/4	40	80		
ATTB-D60-808-10D-H	○	60	40	808	388	568	G3/4	40	80		

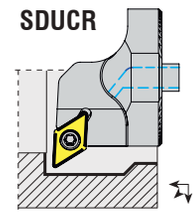
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

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

KAPR=93°

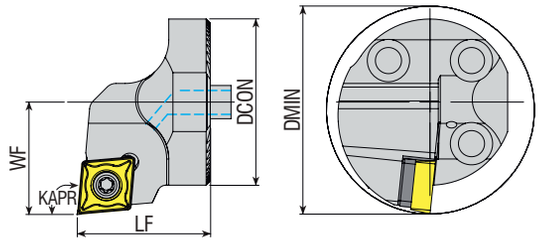


SDUCR

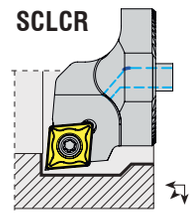


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok *Stock* *Lager* L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON	LF	WF	DMIN	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Sıkma Vidası *Screw* *Klemmschraube*	Altlık *Shim* *Unterlage*	Altlık Vidası *Shim Screw* *Schraube für Unterlage*	Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel*
ATTC-A16 SDUCR/L 07	●	●	16	20	11	20	DC.T 0702..	4008-M2.5x6	-	-	82-T08
ATTC-A20 SDUCR/L 11	●	●	20	20	13	25	DC.T 11T3..	4015-M3.5x11	AADN-2-0001	AAV-06-M3.5x11	80-T15
ATTC-A25 SDUCR/L 11	●	●	25	23	17	32		4015-M3.5x12		AAV-08-M3.5x8	
ATTC-A32 SDUCR/L 11	●	●	32	32	22	40		4015-M3.5x14			
ATTC-A40 SDUCR/L 11	●	●	40	32	27	50					

KAPR=95°



SCLCR

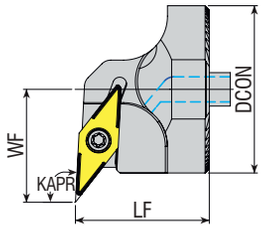


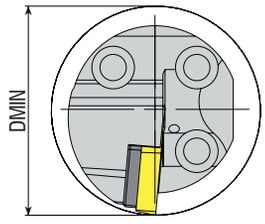
Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok *Stock* *Lager* L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON	LF	WF	DMIN	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Sıkma Vidası *Screw* *Klemmschraube*	Altlık *Shim*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

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

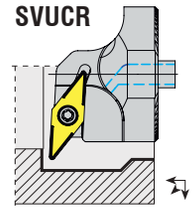
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ATTC-A16-SDUCR 07

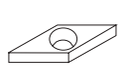
KAPR=93°



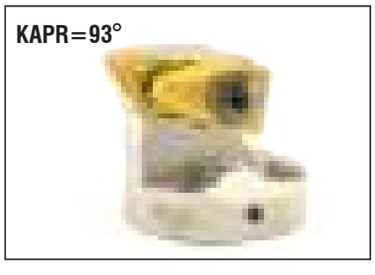


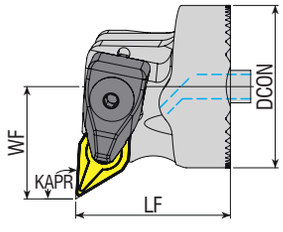
SVUCR

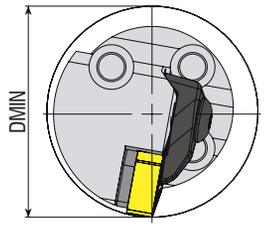


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON	LF	WF	DMIN	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Sıkma Vidası *Screw* *Klemmschraube*	Altlık *Shim* *Unterlage*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

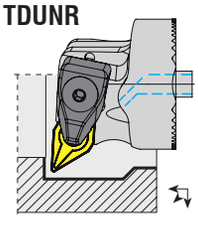
KAPR=93°







TDUNR



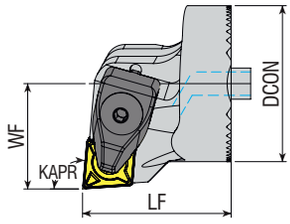
Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON	LF	WF	DMIN	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Baskı Pabucu *Wedge Clamp* *Spannpratze*	Pabuç Vidası *Clamp Screw*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

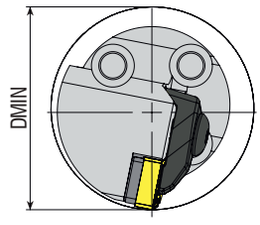
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

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

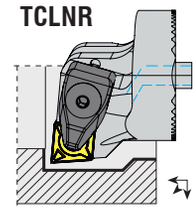
TIRLAMAZ TAKIMLARIN KARTUŞLARI
ANTI VIBRATION TOOLS CARTRIDGES
WECHSELKOPF FÜR SCHWINGUNGSGEDÄMPFTE BORSTANGE

KAPR=95°



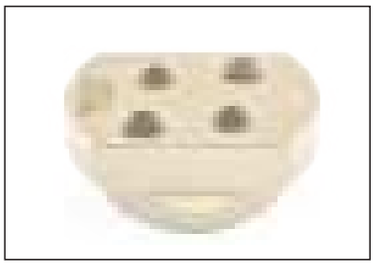


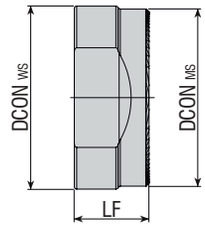
TCLNR

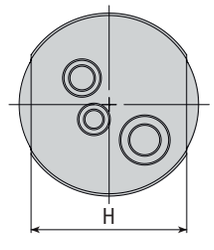


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok *Stock* *Lager* L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON	LF	WF	DMIN	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile* Baskı Pabucu *Wedge Clamp* *Spannpratze*	Pabuç Vidası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

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







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

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

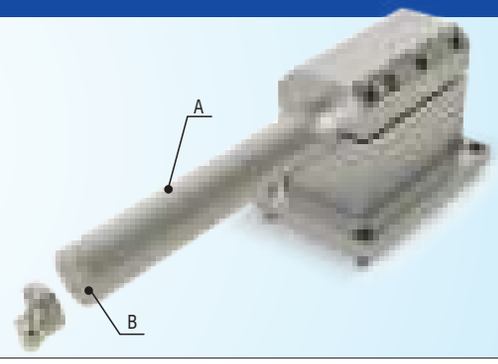
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ATTC-A32 TCLNR 12

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

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

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

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

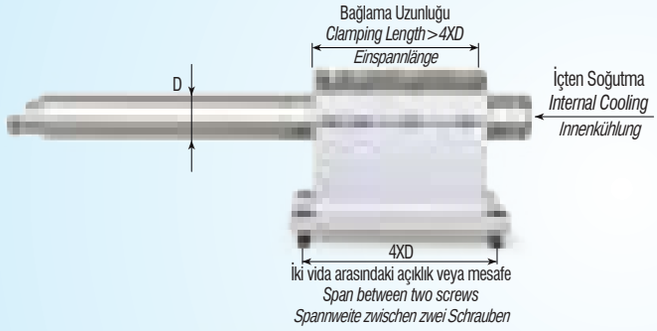


2 Gövde Montajı | *Assembly for the Shank* | *Schaftmontage*

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

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

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

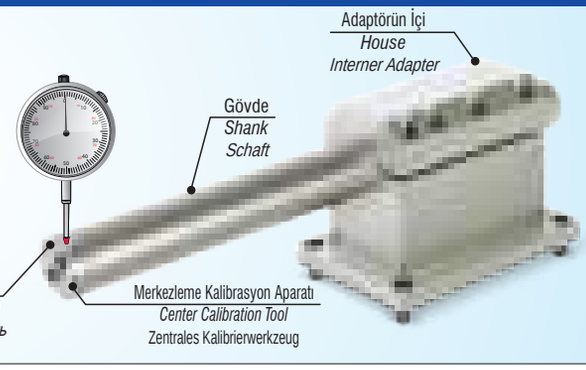


3 Merkez Yüksekliğinin Ayarlanması | *Adjusting the Height of Centre Assembly* | *Einstellung der Zentrumhöhe*

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

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

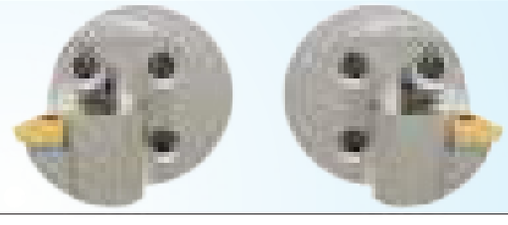
Bei der erstmaligen Montage des Schaftes sollte ein spezielles Kalibrierwerkzeug für die Zentrumhöhe verwendet werden. Montieren Sie zuerst den Schaft am Halter und kalibrieren Sie es dann innerhalb einer Toleranz von 0,01 in Richtung der X-Achse. Bitte benutzen Sie bei der Einstellung eine Messuhr



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

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

Sol Yön Takım
Left Hand
Linke Richtung



Sağ Yön Takım
Right Hand
Rechte Richtung

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

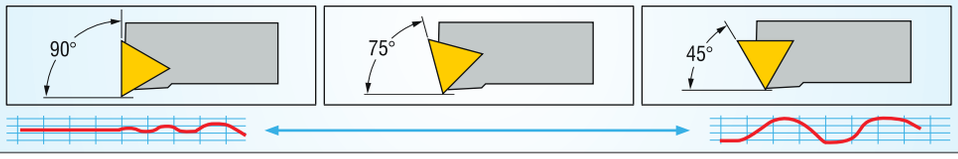
Doğru kesici ucun seçilmesi, titreşim sönümlemenin genel başarısı üzerinde büyük bir etkiye sahipdir. Kesici ucun işleme stabilitesini artırabilmesinin ana yolu kesme kuvvetlerini en aza indirmektir. Titreşimleri ortadan kaldırmak için aşağıdaki adımlara uymanız gerekir: Mümkünse, her zaman kısa takımları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

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

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

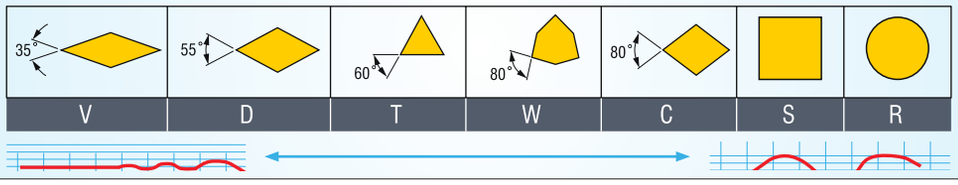
A

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



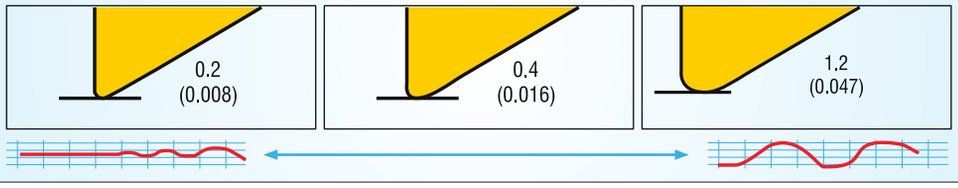
B

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



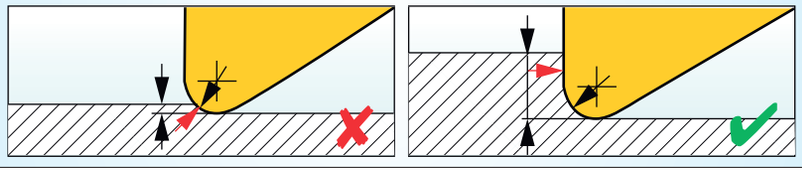
C

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



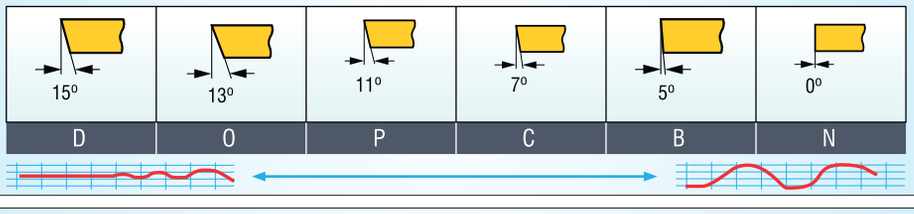
D

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



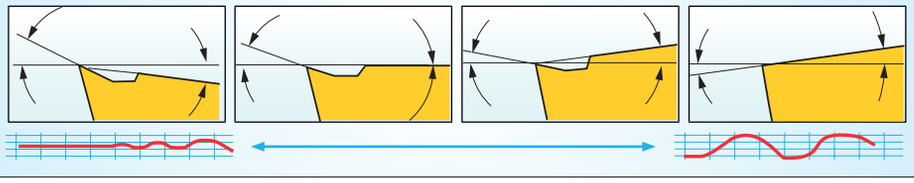
E

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



F

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



G

For-dampened-straight-adaptor:

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

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

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CARTRIDGE
KURZDREHHALTER

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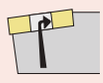
S	T	F	C	R	12	C	A	16
1	2	3	4	5	6	7	8	9

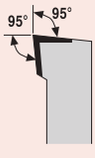
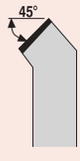
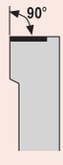
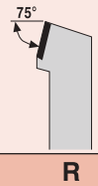
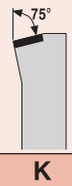
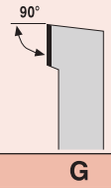
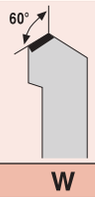
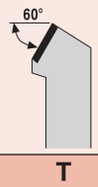
1 Sıkma Tipi / *Method of Mounting of Insert* / *Klemmsystem*

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

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

C	S	T

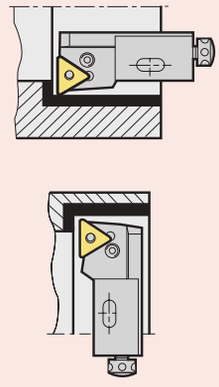
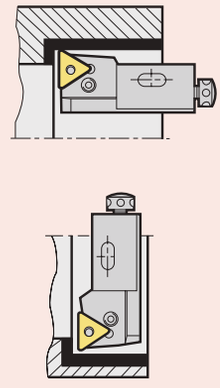
3 Yanaşma Açısı / *Tool Holder Shape Bar Geometry* / *Anstellwinkel*

		
L	S	F
		
R	K	G
		
W	T	

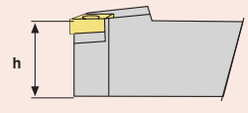
4 Serbest Uç Açısı / *Insert Clearance Ange* / *Freiwinkel*

7°	11°	0°
C	P	N

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

	
R	L

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



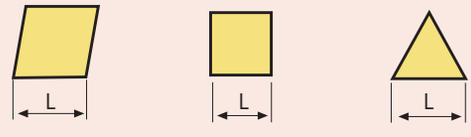
7 Kartuş Kodu / *Cartridge Code* / *Wechselkopfbezeichnung*

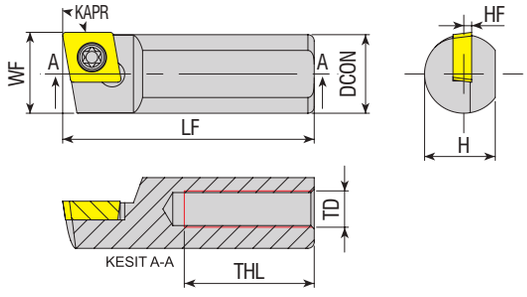
C
(Kartuş / *Cartridge Code* / *Kurzdrehhalter Bezeichnung*)

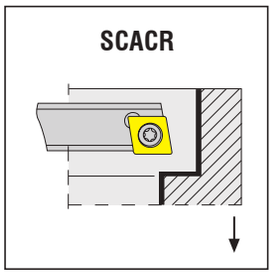
8 Kartuş Tipi / *Cartridge Type* / *Wechselkopftyp*

A
(ISO 5611)

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



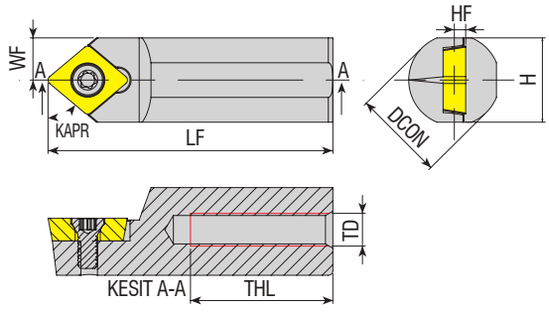


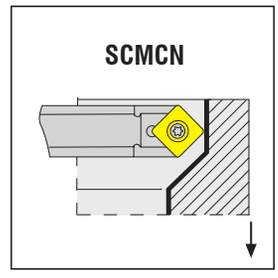


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON	H	LF	THL	HF	WF	TD	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube*	Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel*
S10X SCACR/L 06	●	●	10	9	25	10	1	10.3	M5x0.8	**CC.T 0602..**	4008-M2.5x6	82-T08
S10A SCACR/L 06	●	●	10	9	32	15	1	10.3	M5x0.8			
S1018 SCACR/L 06	○	●	10	9	18	8	1	9.8	M5x0.8			
S1065 SCACR/L 06	○	●	10	9	65	25	1	10.3	M5x0.8			
S10C SCACR/L 06	●	●	10	9	50	25	1	10.3	M5x0.8			
S12B SCACR/L 06	●	●	12	11	40	25	1	12.3	M5x0.8			
S12D SCACR/L 06	●	●	12	11	60	25	1	12.3	M5x0.8			
S12D SCACR/L 09	●	●	12	11	60	25	2	12.2	M5x0.8	**CC.T 09T3..**	4015-M3.5x8	80-T15
S1265 SCACR/L 09	○	●	12	11	65	25	2	12.3	M5x0.8			
S12H SCACR/L 09	●	●	12	11	100	25	2	12.2	M5x0.8			
S15C SCACR/L 09	●	●	15	14	50	25	2	15.3	M8x1.25			
S1554 SCACR/L 09	○	●	15	14	54	25	2	15.3	M8x1.25			
S15E SCACR/L 09	○	●	15	14	70	45	2	15.3	M8x1.25			
S15D SCACR/L 09	○	●	15	14	60	30	2	15.3	M8x1.25			
S16A SCACR/L 09	●	●	16	15	32	15	2	16.5	M6x1			
S16B SCACR/L 09	●	●	16	15	40	20	2	16.5	M6x1			
S16C SCACR/L 09	○	●	16	15	50	25	2	16.5	M6x1			
S16D SCACR/L 09	●	●	16	15	60	30	2	16.5	M6x1			
S16E SCACR/L 09	○	●	16	15	70	30	2	16.5	M6x1			
S16G SCACR/L 09	●	●	16	15	90	30	2	16.5	M6x1			
S16H SCACR/L 09	○	●	16	15	100	35	4	16.5	M6x1			
S1868 SCACR/L 09	○	●	18	17	68	30	2	18.5	M8x1.25			
S18E SCACR/L 09	●	●	18	17	70	30	2	18.5	M8x1.25			
S1888 SCACR/L 09	○	●	18	17	88	30	2	18.5	M8x1.25			
S18105 SCACR/L 09	○	●	18	17	105	30	2	18.5	M8x1.25			
S18175 SCACR/L 09	○	●	18	17	175	30	2	18.5	M8x1.25			
S20E SCACR/L 09	●	●	20	18.3	70	30	2	20.5	M6x1			
S20E SCACR/L 12	●	●	20	18.3	70	30	2	20.5	M6x1	**CC.T 1204..**	1020-M5x11	80-T20
S20H SCACR/L 12	●	●	20	18.3	100	30	2	20.5	M6x1			

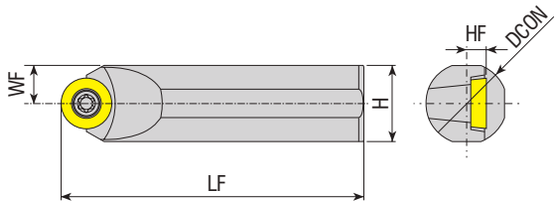
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

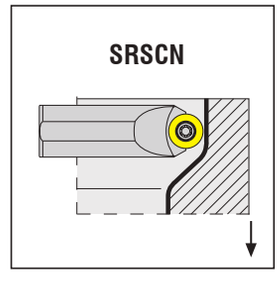
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück S10X SCACR 06





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



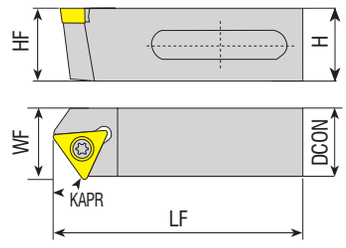


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager*	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON	H	WF	HF	LF	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube*	Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel*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

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

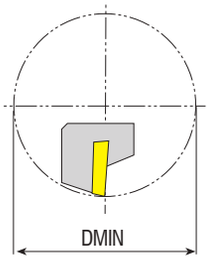
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück S10X SCMCN 06

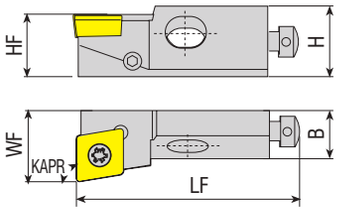
KAPR=35°



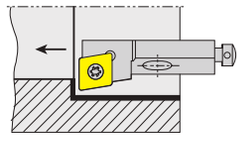
Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok *Stock* *Lager* L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON	H	HF	LF	WF	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube*	Tork Anahtar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

KAPR=90°





SCFCR

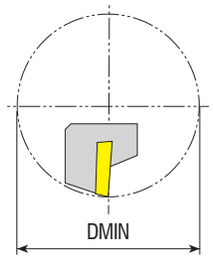


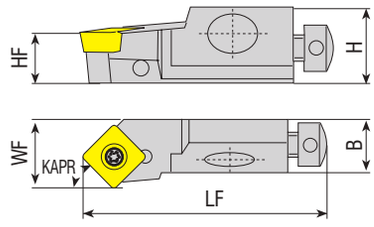
Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok *Stock* *Lager* L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF	H	B	LF	WF	DMIN	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile* Altlık *Shim* *Unterlage*	Altlık Vidası *Shim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

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

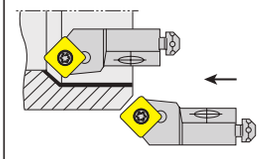
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück STXCR 2020 B16

KAPR=45°



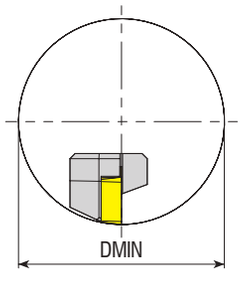


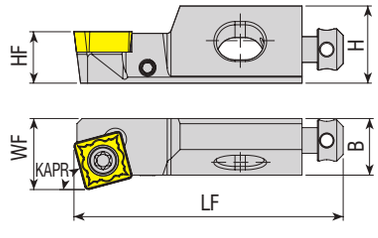
SCSCR



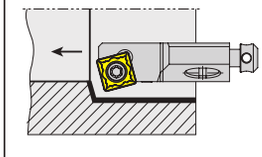
Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager*		Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)*						Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*			
										Altlık *Shim* *Unterlage*	Altlık Vidası *Shim Screw* *Schraube für Unterlage*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

KAPR=75°





SSKCR

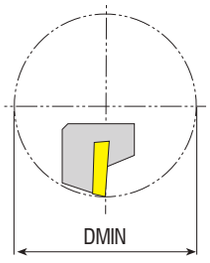


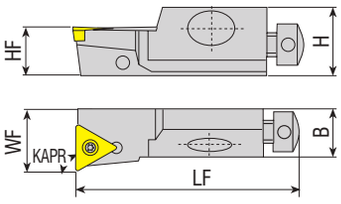
Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager*		Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)*						Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*			
										Altlık *Shim* *Unterlage*	Altlık Vidası *Shim Screw* *Schraube für Unterlage*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

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

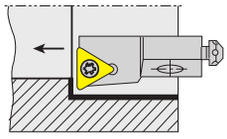
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück SCSCR 06CA 06

KAPR=90°



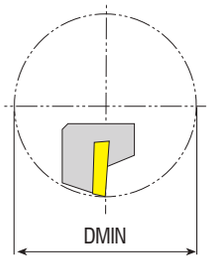


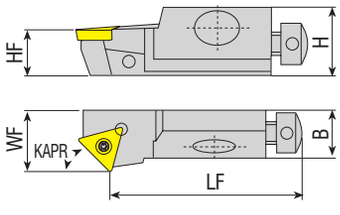
STFCR



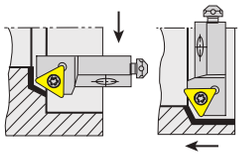
Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF	H	B	LF	WF	DMIN	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile* Altlık *Shim* *Unterlage*	Altlık Vidası *Shim Screw* *Schraube für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

KAPR=45°





STSCR



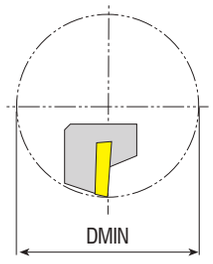
Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF	H	B	LF	WF	DMIN	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile* Altlık *Shim* *Unterlage*	Altlık Vidası *Shim Screw* *Schraube für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

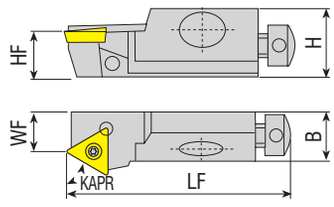
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

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

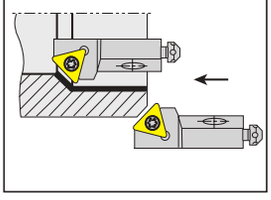
S-SİSTEM KARTUŞLAR
S-SYSTEM CARTRIDGE
S-SYSTEM KURZDREHHALTER

KAPR=60°





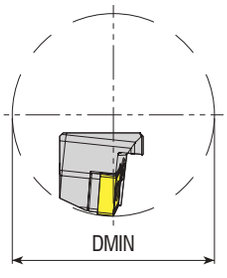
STTCR

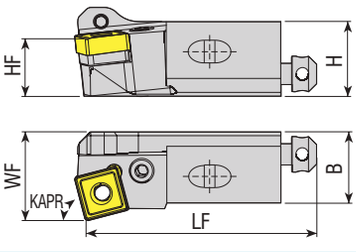


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF	H	B	LF	WF	DMIN	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Altlık *Shim* *Unterlage*	Altlık Vidası *Shim Screw* *Schraube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

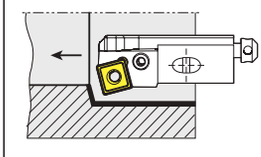
P-SİSTEM KARTUŞLAR
P-SYSTEM CARTRIDGE
P-SYSTEM KURZDREHHALTER

KAPR=75°





PSKNR

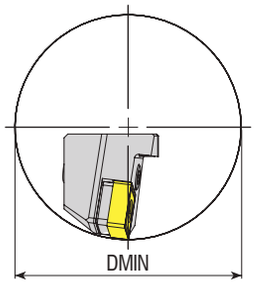


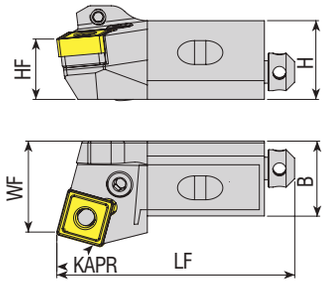
Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF	H	B	LF	WF	DMIN	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Levye *Lever* *Kniehebel*	Levye Vidası *Lever Screw* *Kniehebelschraube*	Altlık *Shim* *Unterlage*	Altlık Yayı *Shim Spring* *Feder für Unterlage*	Anahtar *Allen Key* *Innensechskantschlüssel*
PSKNR/L 16CA 12	●	●	16	21	20	63	25	≥60	**SNM.120408**	APL-02	ALV-08-M8x16	AASN-3-0004	AAY-02	AAL-02-2.5

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

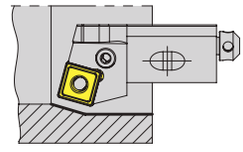
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück STTCR 08CA 09

KAPR=75°



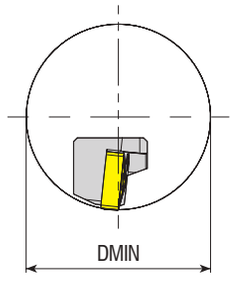


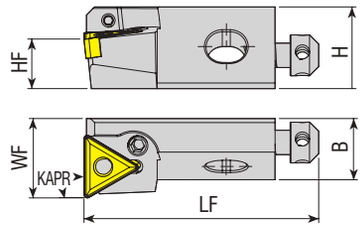
PSRNR



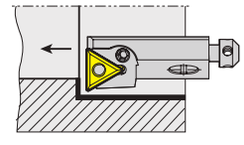
Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF	H	B	LF	WF	DMIN	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Levye *Lever* *Kniehebel*	Levye Vidası *Lever Screw* *Kniehebelschraube*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

KAPR=90°





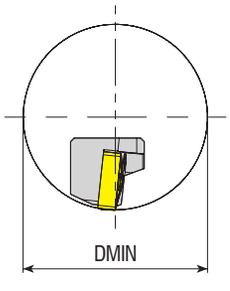
PTFNR

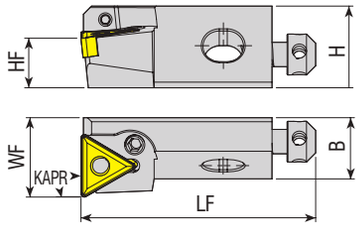


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF	H	B	LF	WF	DMIN	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Levye *Lever* *Kniehebel*	Levye Vidası *Lever Screw* *Kniehebelschraube*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

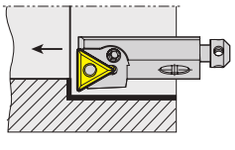
new

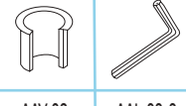
KAPR=90°





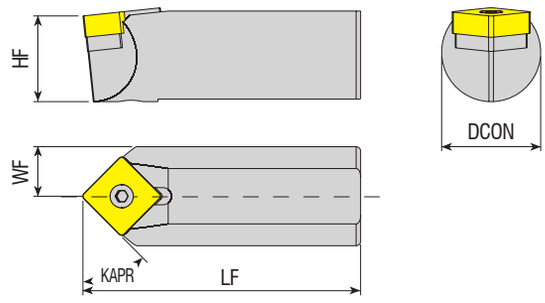
PTGNR



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

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

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



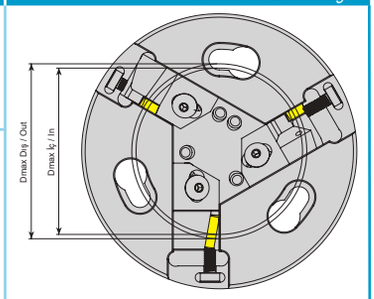
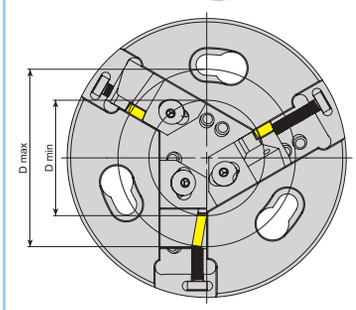
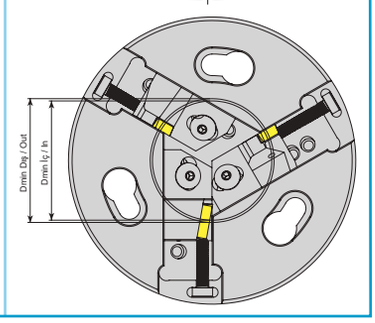
Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager*	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)*				Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*				
							Altlık *Shim* *Unterlage*	Sıkma Vidası *Screw* *Klemmschraube*	Baskı Parçası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

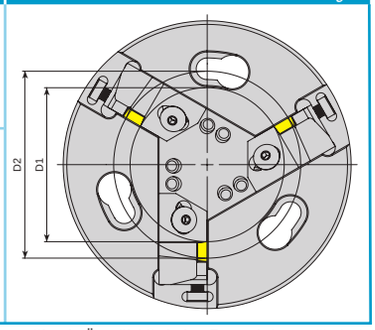
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*

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

KARTUŞLARIN YEDEK PARÇALARI
SPARE PARTS OF CARTRIDGE
ERSATZTEILE FÜR KURZDREHHALTER

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

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

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

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

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

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quality...

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GEWINDE DREHHALTER

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

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

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

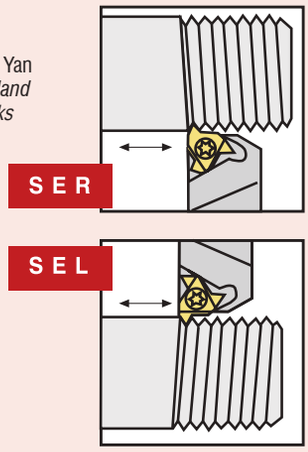
2 İşlem Tipi / *Application* *Anwendung*

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

3 Kesme Yönü *Cutting Direction* *Halterausführung*

R: Sağ Yan
Right-Hand
R: Rechts

L: Sol Yan
Left-Hand
L: Links



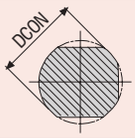
4 Takım Malzemesi / Type of Boring / *Art der Bohrstange*

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

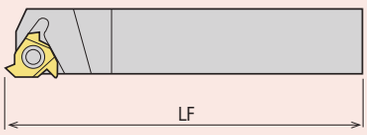
4-5 Dış Çap Şaft Ölçüleri / *External Shank Size* *Äußere Schaftgröße*

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

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



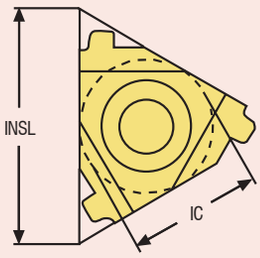
6 Şaft Boyu / *Shank Length* / *Schaftlänge*



(mm)

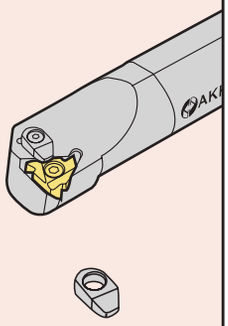
A - 32	H - 100	Q - 180	x-special
B - 40	J - 110	R - 200	
C - 50	K - 125	S - 250	
D - 60	L - 140	T - 300	
E - 70	M - 150	U - 350	
F - 80	N - 160	V - 400	
G - 90	P - 170	W - 450	

7 Elmas Ölçüsü / *Insert Size* *Wendeplattengröße*



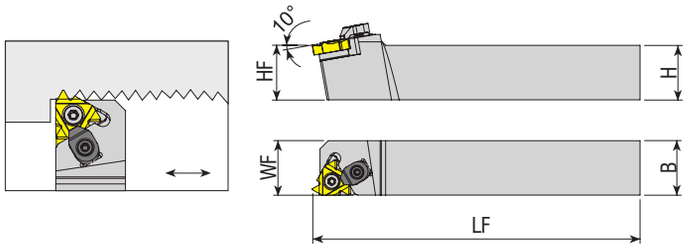
l (mm)	d
06	5/32"
08	3/16"
11	1/4"
16	3/8"
22	1/2"
27	5/8"

8 Baskı Pabucu *Wedge Clamp* *Spannpratze*



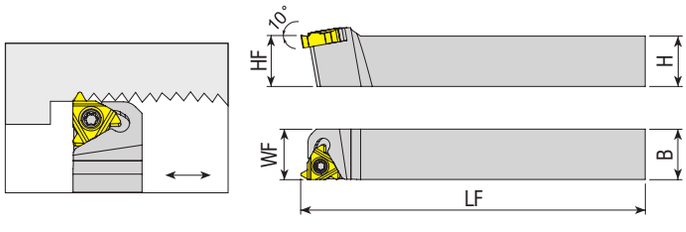
S	I	R	S	25	R	16	C
1	2	3	4	5	6	7	8

DIŞ ÇAP DİŞ AÇMA KATERLERİ
EXTERNAL THREADING TOOLHOLDERS
INNEN-GEWINDEDREHHALTER



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

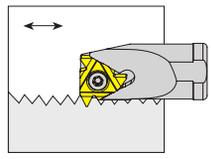
DIŞ ÇAP DİŞ AÇMA İSVİÇRE TİPİ KAYAR OTOMAT MAKİNA KATERLERİ
EXTERNAL THREADING TOOLHOLDERS FOR SWISS TYPE SLIDING AUTOMATIC LATHES
AUSSEN-GEWINDEDREHHALTER FÜR LANGDREHAUTOMATEN

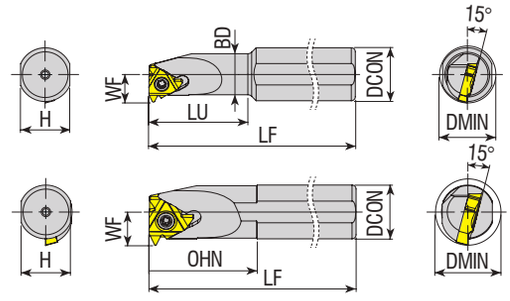


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Sıkma Vidası *Screw* *Klemmschraube*	Altlık *Shim* *Unterlage*	Altlık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

R: Sağ / Right / *Rechts* L: Sol / Left / *Links* ● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
Takımlar standart 1.5° helis açılı olarak üretilir. / *The tools have a built in 1.5° helix angle.* / *GEWINDE-DREHHALTER werden mit Einstellwinkel 1.5° hergestellt*
UYARI / ***WARNING*** / *ПРЕДУПРЕЖДЕНИЕ:* Sayfa 114'deki B ve D figürleri uygulanamaz. / *The operation for B and D on page 114 can not be applied.* / *130: für Abbildung B und D: nicht verwenden*

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

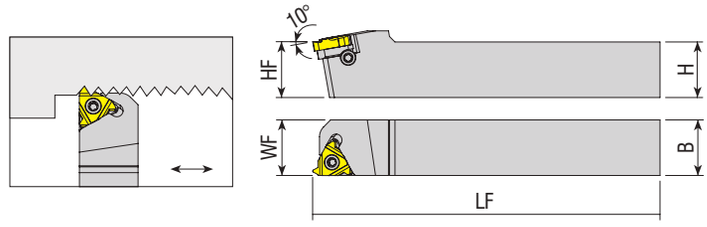




Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON	BD	LF	LU=OHN	WF	DMIN	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube*	Altlık *Shim* *Unterlage*	Altlık Vidası *Shim Screw* *Schraube für Unterlage*	Baskı Parçası *Wedge Clamp* *Spannpratze*	Baskı Vidası *Clamp Screw* *Klemmschraube*	Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel*
SIR/L S12X05H 06	●	○	12	05	100	15	4.3	6.4	06 IR/L	3006-M2X3.6	-	-	-	-	82-T06
SIR/L S16X05H 06	○	●	16	05	100	15	4.3	6.4							
SIR/L S16X07M 08	●	●	16	07	150	18	5.3	7.8	08 IR/L	3007-M2.2x4.6	-	-	-	-	82-T07
SIR/L S10H 11	●	●	10	10	100	-	7.4	12	11 IR/L	4008-M2.5x6	-	-	-	-	82-T08
SIR/L S12K 11	●	●	12	12	125	-	8.4	15							
SIR/L S16X10M 11	●	●	16	10	150	25	7.4	12							
SIR/L S16X13M 11	●	●	16	13	150	32	8.9	15							
SIR/L S16M 11	●	●	16	16	150	-	11.7	19							
new SIR/L A16X13M 16	●	●	16	12.8	150	32	9.05	18.1	16 IR/L (0.35 - 3) ISO METRIC	4015-M3.5x9	-	-	-	-	80-T15
SIR/L S16X13M 16	●	●	16	13	150	32	10.2	16							
SIR/L S16M 16	●	●	16	16	150	-	11.7	19							
SIR/L S20X16P 16	●	●	20	16	170	40	11.7	19		4015-M3.5x11					
new SIR/L A20X16P 16	●	●	20	31	170	40	11.7	19							
SIR/L S20P 16	●	●	20	20	170	-	13.7	24							
SIR/L S25R 16C	●	●	25	25	200	-	16.2	29		4015-M3.5x14	AATN-2-0020	AAV-08-M3.5x8	ACK-05	4015-M4x11	
SIR/L S32S 16C	●	●	32	32	250	-	19.7	36				AAV-06-M3.5x11			
SIR/L S40T 16C	●	●	40	40	300	-	23.7	44							
SIR/L S50U 16C	●	●	50	50	350	-	28.7	54							
SIR/L S20P 22	●	●	20	20	170	-	15.7	24	22 IR/L (3.5 - 4.5) ISO METRIC	4020-M4.5x12	-	-	-	-	
SIR/L S25R 22C	●	●	25	25	200	-	18.1	29		1020-M4.5x16	AATN-2-0004	AAV-10-M4.5x8	ACK-05	4015-M4x11	80-T20
SIR/L S32S 22C	●	●	32	32	250	-	21.6	38				AAV-07-M4.5x13			
SIR/L S40T 22C	●	●	40	40	300	-	25.6	46							
SIR/L S50U 22C	●	●	50	50	350	-	30.6	58							
SIR/L S25R 16C-T	●	●	25	25	200	-	16.2	29	16 IR/L (1.5-3 TR)	4015-M3.5x14	-	-			80-T15
SIR/L S32S 16C-T	●	●	32	32	250	-	19.7	36							
SIR/L S25R 22C-T	●	●	25	25	200	-	18.1	29	22 IR/L (4-6 TR)	1020-M4.5x16	-	-			80-T20
SIR/L S32S 22C-T	●	●	32	32	250	-	21.6	38							
new SIR/L S40T 27V T08	●	●	40	39.5	300	70	29	50	27VNR10TR NNT	1620-M5X18					

R: Sağ / Right / *Rechts* L: Sol / Left / *Links* ● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Нет в наличи*
Takımlar standart 1.5° helis açılı olarak üretilir. / *The tools have a built in 1.5° helix angle.* / *GEWINDE-DREHHALTER werden mit Einstellwinkel 1.5° hergestellt*
UYARI / ***WARNING*** / *ПРЕДУПРЕЖДЕНИЕ*: Sayfa 115'deki B ve D figürleri uygulanamaz. / *The operation for B and D on page 115 can not be applied.* / *130: für Abbildung B und D: nicht verwenden*

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



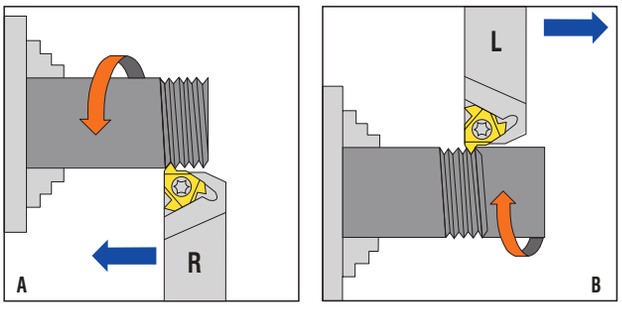
Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube*	Sağ Altlık *Right Shim* *U-Platte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

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

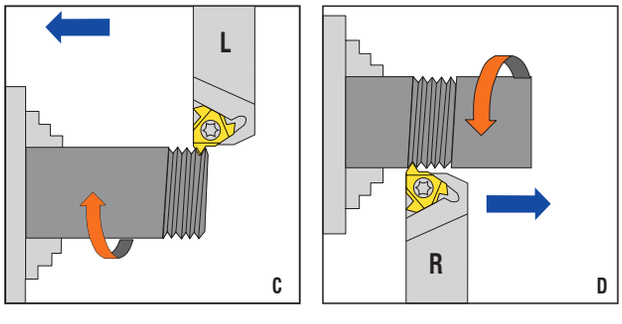
Takımlar standart 1.5° helis açılı olarak üretilir. / *The tools have a built in 1.5° helix angle.* / *GEWINDE-DREHHALTER werden mit Einstellwinkel 1.5° hergestellt*

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

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



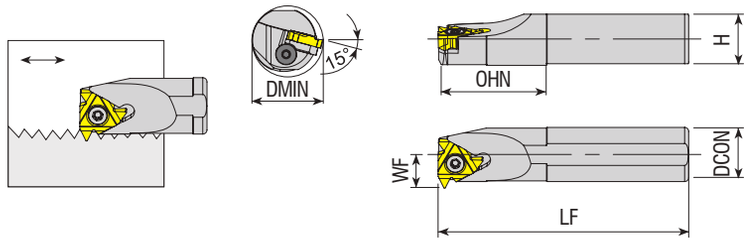
DIŞ ÇAP SOL YÖNDE VİDA AÇMA
EXTERNAL LEFT HAND THREADING OPERATION
HERSTELLUNG VON AUßEN-LINKSGEWINDE



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

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

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

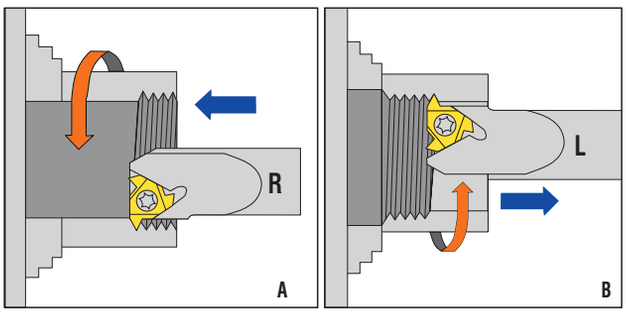


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON	H	LF	OHN	WF	DMIN	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Sıkma Vidası *Screw* *Klemmschraube*	Sol Altlık *Left Shim*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

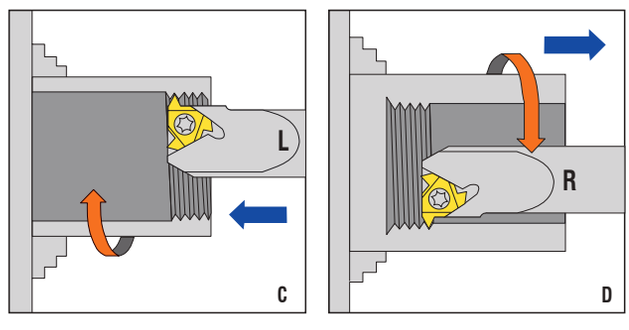
R: Sağ / Right / *Rechts* L: Sol / Left / *Links* ● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
Takımlar standart 1.5° helis açılı olarak üretilir. / *The tools have a built in 1.5° helix angle.* / *GEWINDE-DREHHALTER werden mit Einstellwinkel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

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

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



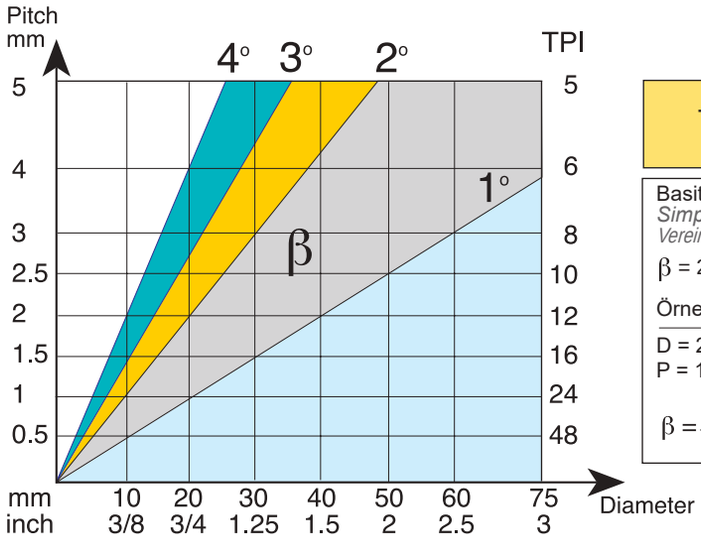
DELİK İÇİ SOL YÖNDE VİDA AÇMA
INTERNAL LEFT HAND THREADING OPERATION
HERSTELLUNG VON INNEN -LINKSGEWINDE



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

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

Diş Helis Açısı
Thread Helix Angle
Steigungswinkel



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

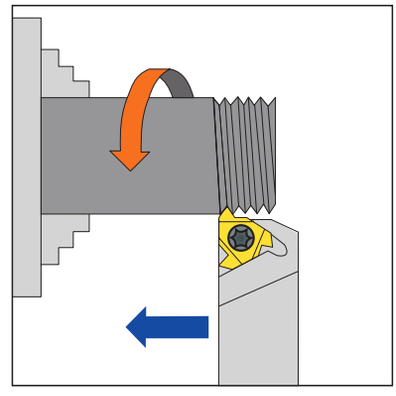
Basitleştirilmiş formül
Simplified formula
Vereinfachte Formel

$\beta = 20\ P/D$

Örnek / *Example* / *Beispiel :*

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

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

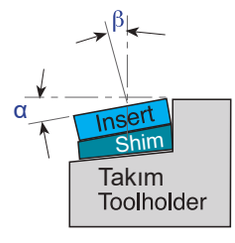


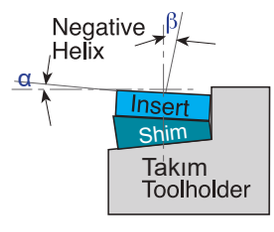
Standart ve Eğik Altlıklar
Standard and Slanted Shim
Standard und Schräge Unterlegplatte

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

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

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





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

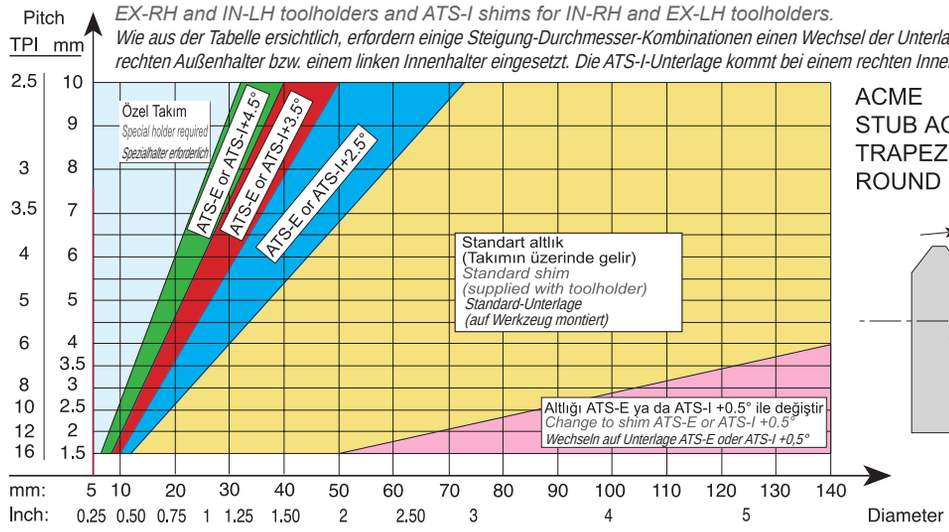
Altlık Değiştirme Öneri Tablosu / *Shim Change Recommendation*

Empfehlungen zum Wechseln der Unterlage

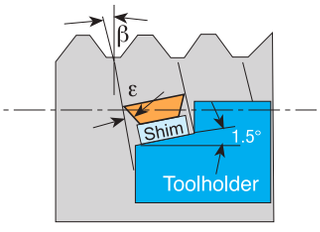
Tabloda da görüldüğü gibi bazı diş hatvelerinin çaplara göre kombinasyonları altlık değişimini gerektirir. Eğer değişim gerekli ise EX-RH ve IN-LH katerleri için ATS-E altlıklarını, IN-RH ve EX-LH katerleri için ATS-I altlıklarını kullanın.

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

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



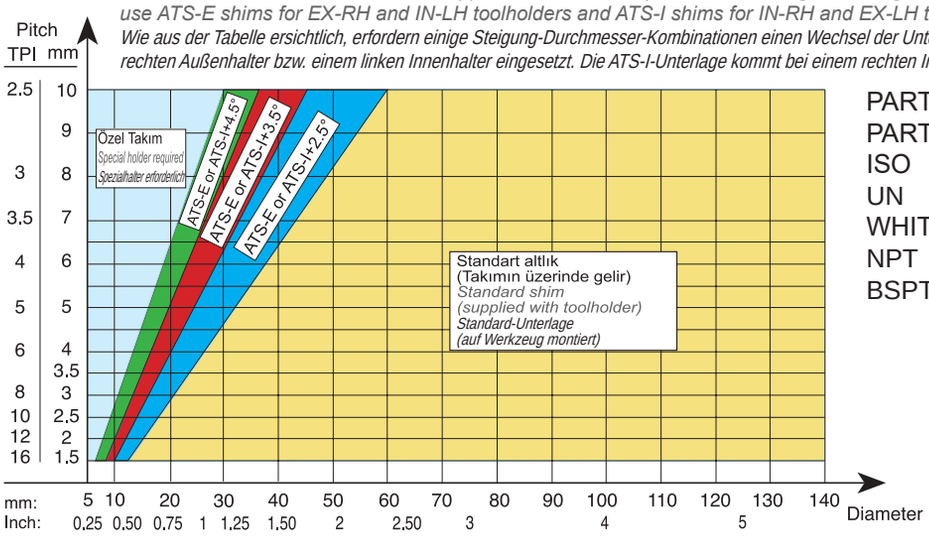
ACME
STUB ACME
TRAPEZ (DIN 103)
ROUND (DIN 405)



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

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

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

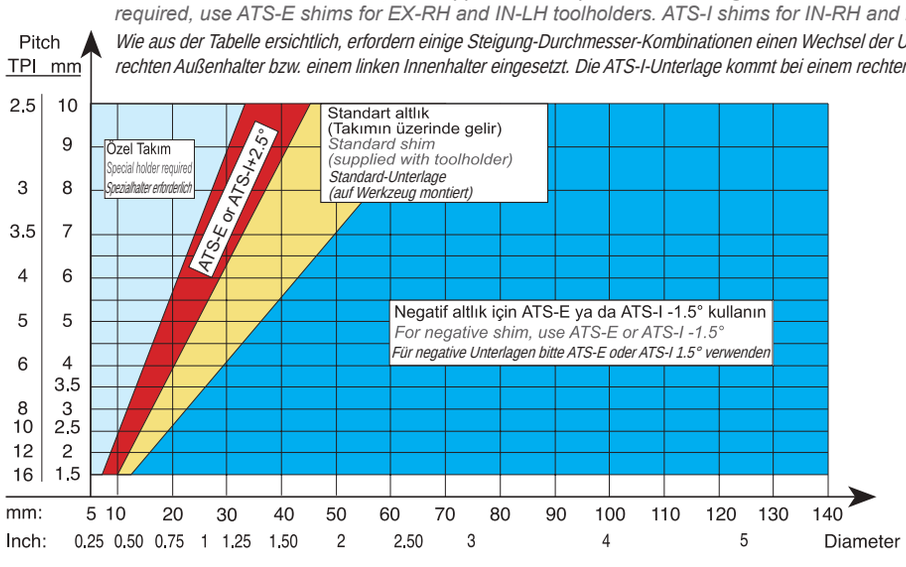


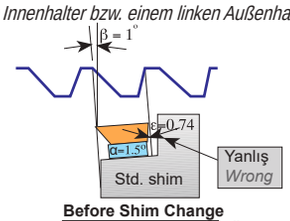
PARTIAL PROFILES 60°
PARTIAL PROFILES 55°
ISO
UN
WHIT.
NPT
BSPT

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

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

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

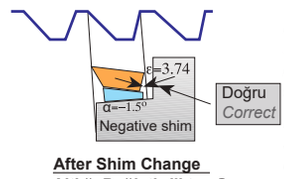




Before Shim Change
Altlığı Değiştirmeden Önce
До смены опорной пластины

AMERICAN BUTTRESS SAGENGEWINDE (DIN 513)

Standart altlığın negatif bir altlıkla değiştirlmesi, kenar sürtmesini engeleyecektir.



After Shim Change
Altlığı Değiştirdikten Sonra
Nach dem Wechsel der Unterlegplatte

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

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

AKKO®

konuşulan
the spoken kalite...
quality...

KANAL AÇMA

KANAL AÇMA TAKIMLARI
GROOVING TOOLHOLDERS
STECHHALTER

AKKO **A** (1) **AKT** (2) - **K** (3) - **R** (4) - **2525** (5)

100 - 150 (6) - **4** (7) - **T22** (8)

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

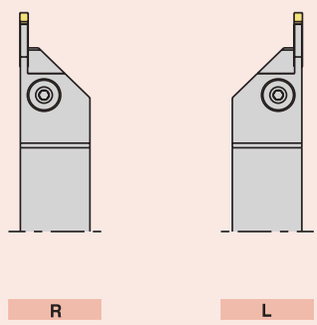
DKT: Dış Çap Kanal Açma Takımı / *External Grooving Toolholders*
Außen-Stechhalter
IKT: Delik İçi Kanal Açma Takımı / *Internal Grooving Toolholders*
Innen-Stechhalter
AKT: Dış Çap Alın Kanal Takımları / *Face Grooving Toolholders*
Axial-Stechhalter
LKT: L Tip Alın Kanal Açma Takımı / *L Type Face Grooving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

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

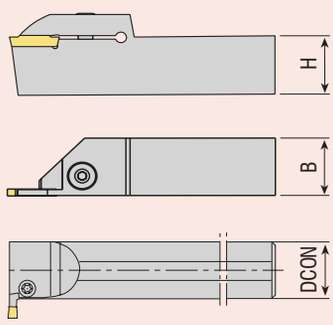
KRLY / *MGM.*
HRN / *S312, S229, S224, S223*
ISCR / *DGN, GI, GTN*
SNDVK / *123, 151, 154.91*
ZCC
KM / *A4.*
ARN / *LOMR.*

TGTC / TD.

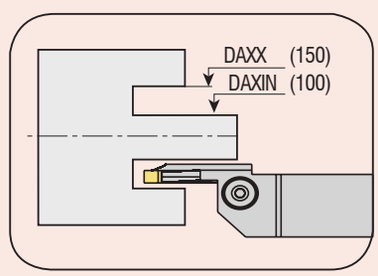
4 Kesme Yönü / *Cutting Direction*
Halterausführung



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

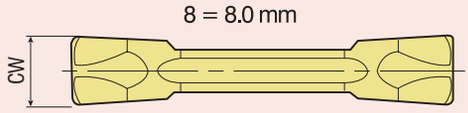


6 Kesme Aralığı
Cutting Diametter
Durchmesser für Axialeinstechen

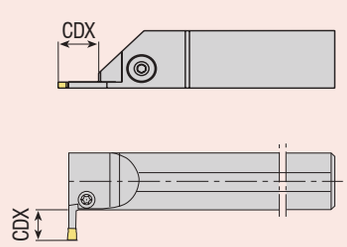


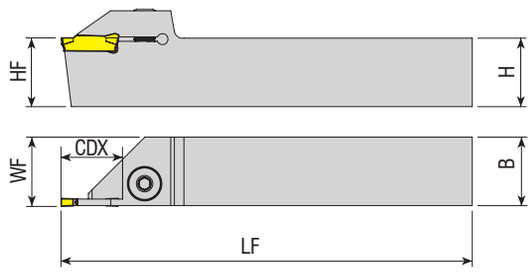
7 Kesme Kenar Genişliği / *Cutting Width Edge*
Plattenbreite

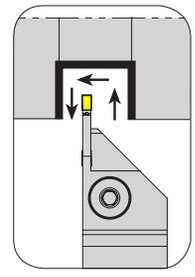
ÖR/E.G :
2 = 2.0 mm
3 = 3.0 mm
4 = 4.0 mm
5 = 5.0 mm
6 = 6.0 mm
8 = 8.0 mm



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



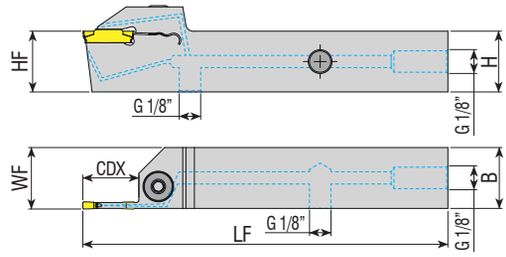


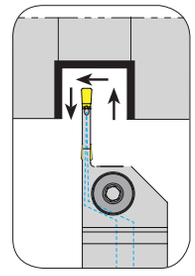


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	CDX	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube*	Pul *Stamp* *Ring*	Anahtar *Allen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

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

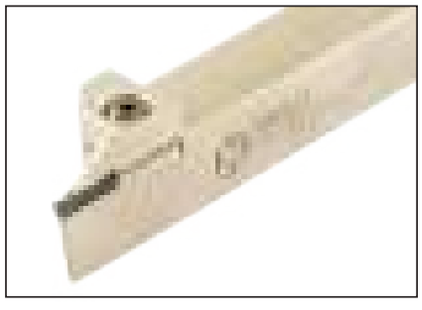
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ADKT-K-R-1212-1.5-T15

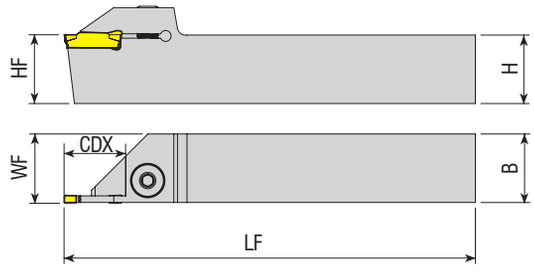


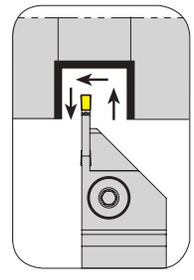


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok *Stock* *Lager* L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	CDX	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube*	Pul *Stamp* *Ring*	Anahtar *Allen Key* Innensechskantschlüssel
ADKT-K-R/L-2020-3-T20-H	●	●	20	20	125	20.4	20	MGM. - 3	2004-M8x1x20	-	AAL-05-4
ADKT-K-R/L-2525-3-T22-H	●	●	25	25	150	25.4	22				
ADKT-K-R/L-2020-4-T20-H	●	●	20	20	125	20.4	20	MGM. - 4			
ADKT-K-R/L-2525-4-T22-H	●	●	25	25	150	25.4	22				
ADKT-K-R/L-2525-5-T25-H	●	●	25	25	150	25.5	25	MGM. - 5			

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



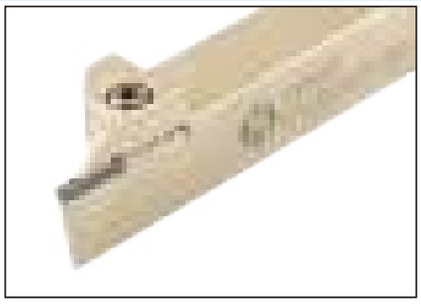


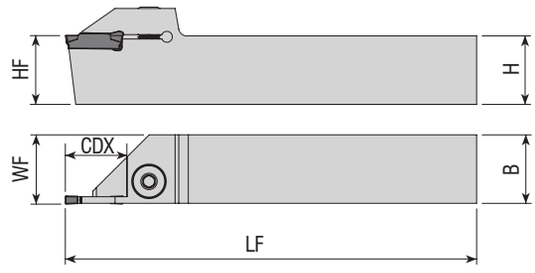


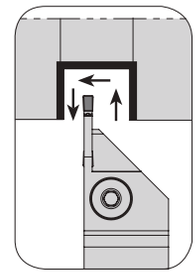
Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok *Stock* *Lager* L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	CDX	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube*	Pul *Stamp* *Ring*	Anahtar *Allen Key* Innensechskantschlüssel
ADKT-KG-R/L-2020-2-T15	●	●	20	20	125	20.2	15	KG.. - 2	AKV-02-M6x22	ABPL-01	AAL-03-3
ADKT-KG-R/L-2525-2-T8	●	●	25	25	150	25.2	8				
ADKT-KG-R/L-2525-2-T15	●	○	25	25	150	25.2	15				
ADKT-KG-R/L-2525-2-T17	●	○	25	25	150	25.2	17				
ADKT-KG-R/L-1616-3-T20	●	●	16	16	125	16.3	20	KG.. - 3	2004-M8x1x20	-	AAL-05-4
ADKT-KG-R/L-2020-3-T20	●	●	20	20	125	20.3	20				
ADKT-KG-R/L-2525-3-T10	●	●	25	25	150	25.3	10				
ADKT-KG-R/L-2525-3-T13	●	●	25	25	150	25.3	13				
ADKT-KG-R/L-2525-3-T22	●	●	25	25	150	25.3	22				
ADKT-KG-R/L-2020-4-T20	●	●	20	20	125	20.4	20	KG.. - 4			
ADKT-KG-R/L-2525-4-T10	●	●	25	25	150	25.4	10				
ADKT-KG-R/L-2525-4-T16	●	○	25	25	150	25.4	16				
ADKT-KG-R/L-2525-4-T22	●	○	25	25	150	25.4	22				
ADKT-KG-R/L-2525-5-T12	●	●	25	25	150	25.5	12	KG.. - 5			
ADKT-KG-R/L-2525-5-T15	●	●	25	25	150	25.5	15				
ADKT-KG-R/L-2525-5-T25	●	○	25	25	150	25.5	25				
ADKT-KG-R/L-2525-6-T25	○	○	25	25	150	25.6	25	KG.. - 6			

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

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ADKT-K-R-2020-3-T20-H

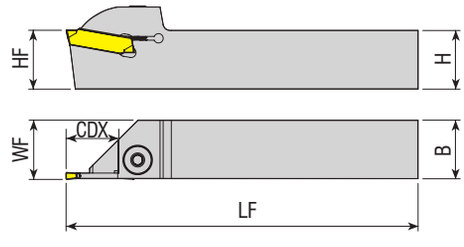


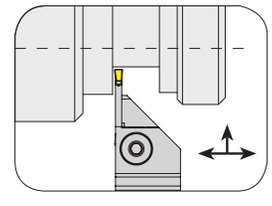




Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	CDX	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube*	Pul *Stamp* *Ring*	Anahtar *Allen Key* Innensechskantschlüssel
ADKT-SGC-R/L-1212-2-R15	●	●	12	12	100	16.2	15	GCM N20	AKV-02-M6x22	ABPL-01	AAL-03-3
ADKT-SGC-R/L-1616-2-R15	●	●	16	16	125	16.2	15				
ADKT-SGC-R/L-2020-2-R20	●	●	20	20	125	20.2	20				
ADKT-SGC-R/L-2525-2-R20	●	●	25	25	150	25.2	20				
ADKT-SGC-R/L-1212-3-R15	●	●	12	12	100	16.3	15	GCM N30	2004-M8x1x20	-	AAL-05-4
new ADKT-SGC-R/L-1616-3-T12	●	○	16	16	125	16.3	12				
ADKT-SGC-R/L-1616-3-R15	●	●	16	16	125	16.3	15				
ADKT-SGC-R/L-2020-3-R22	●	●	20	20	125	20.3	22				
ADKT-SGC-R/L-2525-3-R15	●	○	25	25	150	25.3	15				
ADKT-SGC-R/L-2525-3-R22	●	●	25	25	150	25.3	22				
ADKT-SGC-R/L-2525-4-R25	●	○	25	25	150	25.4	25	GCM N40			

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

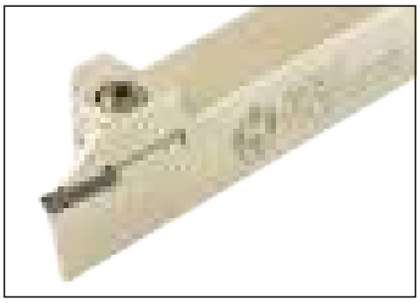


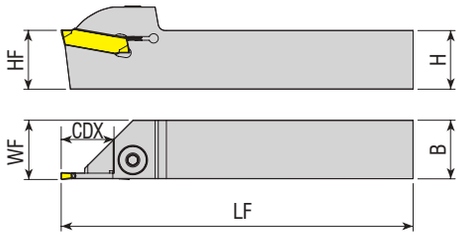


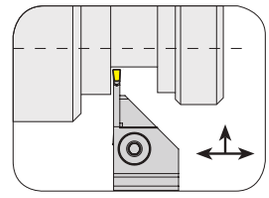
Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	CDX	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube*	Pul *Stamp* *Ring*	Anahtar *Allen Key* Innensechskantschlüssel
ADKT-H-R/L-2020-3-T20	●	●	20	20	125	20.5	20	S229 - 3	2004-M8x1x20	-	AAL-05-4
ADKT-H-R/L-2525-3-T22	●	●	25	25	150	25.5	22				
ADKT-H-R/L-2525-3-T26	●	●	25	25	150	25.5	26				
ADKT-H-R/L-2020-4-T20	●	●	20	20	125	20.5	20	S229 - 4			
ADKT-H-R/L-2525-4-T22	●	●	25	25	150	25.5	22				
ADKT-H-R/L-3232-4-T22	●	●	32	32	170	32.5	22				
ADKT-H-R/L-2020-5-T20	●	●	20	20	125	20.5	20	S229 - 5			
ADKT-H-R/L-2525-5-T25	●	●	25	25	150	25.5	25				
ADKT-H-R/L-2525-6-T25	●	●	25	25	150	25.6	25	S229 - 6			

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

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

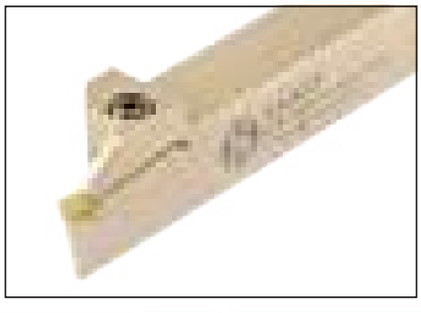


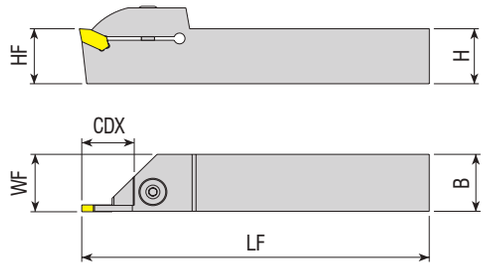


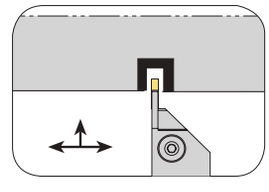


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	CDX	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube*	Pul *Stamp* *Ring*	Anahtar *Allen Key* Innensechskantschlüssel
ADKT-HK-R/L-1616-2-T15	●	●	16	16	125	16.3	15	S224 - 2	AKV-02-M6x22	ABPL-01	AAL-03-3
ADKT-HK-R/L-2020-2-T15	●	●	20	20	125	20.3	15				
ADKT-HK-R/L-2525-2-T15	●	●	25	25	150	25.3	15				
ADKT-HK-R/L-1616-3-T15	○	○	16	16	125	16.3	15	S224 - 3	2004-M8x1x20	-	AAL-05-4
ADKT-HK-R/L-2020-3-T20	●	●	20	20	125	20.4	20				
ADKT-HK-R/L-2525-3-T22	●	●	25	25	150	25.4	22				
ADKT-HK-R/L-2020-4-T20	●	●	20	20	125	20.4	20	S224 - 4			
ADKT-HK-R/L-2525-4-T22	●	●	25	25	150	25.4	22				
ADKT-HS223-R/L-2020-2-T15	●	○	20	20	125	20.4	15	S223 - 2	AKV-02-M6x22	ABPL-01	AAL-03-3
ADKT-HS223-R/L-2020-3-T17	●	○	20	20	125	20.3	17	S223 - 3	2004-M8x1x20	-	AAL-05-4

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



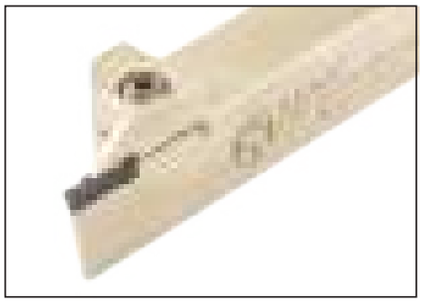


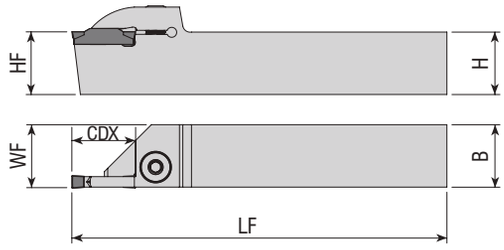


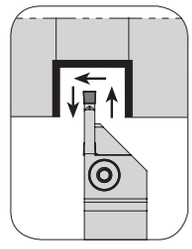
Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	CDX	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube*	Pul *Stamp* *Ring*	Anahtar *Allen Key* Innensechskantschlüssel
ADKT-ZCC1-R/L-2020-3-T20	●	○	20	20	125	20.3	20	ZQMX - 3	2004-M8x1x20	-	AAL-05-4
ADKT-ZCC1-R/L-2525-3-T22	●	○	25	25	150	25.3	22				
ADKT-ZCC1-R/L-2020-4-T20	●	○	20	20	125	20.4	20	ZQMX - 4			
ADKT-ZCC1-R/L-2525-4-T22	●	○	25	25	150	25.4	22				

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

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



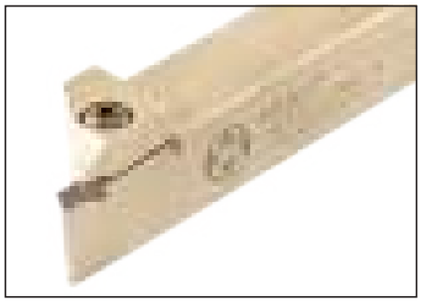


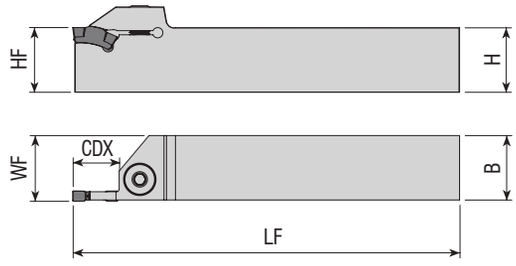


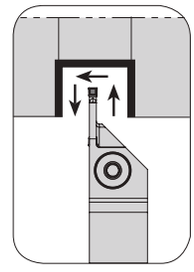
Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	CDX	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube*	Pul *Stamp* *Ring*	Anahtar *Allen Key* Innensechskantschlüssel
ADKT-ZCC2-R/L-1616-2-T15	●	●	16	16	125	16.2	15	Z.BD - 2	AKV-02-M6x22	ABPL-01	AAL-03-3
ADKT-ZCC2-R/L-2020-2-T7	●	●	20	20	125	20.2	7				
ADKT-ZCC2-R/L-2020-2-T15	●	●	20	20	125	20.2	15				
ADKT-ZCC2-R/L-2525-2-T15	●	●	25	25	150	25.2	15				
ADKT-ZCC2-R/L-1616-2.5-T15	●	●	16	16	125	16.3	15	Z.ED - 2.5	2004-M8x1x20	-	AAL-05-4
ADKT-ZCC2-R/L-2020-2.5-T17	●	●	20	20	125	20.3	17				
ADKT-ZCC2-R/L-2525-2.5-T15	●	●	25	25	150	25.3	15				
ADKT-ZCC2-R/L-1616-3-T15	●	●	16	16	125	16.3	15	Z.FD - 3			
ADKT-ZCC2-R/L-1616-3-T17	●	○	16	16	125	16.3	17				
ADKT-ZCC2-R/L-1616-3-T20	●	○	16	16	125	16.3	20				
ADKT-ZCC2-R/L-2020-3-T12	●	●	20	20	125	20.3	12				
ADKT-ZCC2-R/L-2020-3-T20	●	●	20	20	125	20.3	20				
ADKT-ZCC2-R/L-2020-3-R21	●	○	20	20	125	20.3	21				
ADKT-ZCC2-R/L-2020-3-R25	●	●	20	20	125	20.3	25				
ADKT-ZCC2-R/L-2525-3-T12	●	○	25	25	150	25.3	12				
ADKT-ZCC2-R/L-2525-3-T22	●	●	25	25	150	25.3	22				
ADKT-ZCC2-R/L-2525-3-R30	●	●	25	25	150	25.3	30				
ADKT-ZCC2-R/L-2020-4-T12	●	○	20	20	125	20.5	12	Z.GD - 4			
ADKT-ZCC2-R/L-2020-4-T20	●	●	20	20	125	20.5	20				
ADKT-ZCC2-R/L-2525-4-T12	●	●	25	25	150	25.5	12				
ADKT-ZCC2-R/L-2525-4-T22	●	●	25	25	150	25.5	22				
ADKT-ZCC2-R/L-2020-5-T12	●	○	20	20	125	20.5	12	Z.HD - 5			
ADKT-ZCC2-R/L-2020-5-T20	●	●	20	20	125	20.5	20				
ADKT-ZCC2-R/L-2525-5-T12	●	○	25	25	150	25.5	12				
ADKT-ZCC2-R/L-2525-5-T25	●	●	25	25	150	25.5	25				
ADKT-ZCC2-R/L-3232-5-T25	●	●	32	32	170	32.5	25				
ADKT-ZCC2-R/L-2020-6-T20	●	●	20	20	125	20.6	20	Z.KD - 6			
ADKT-ZCC2-R/L-2525-6-T25	●	●	25	25	150	25.6	25				
ADKT-ZCC2-R/L-3232-6-T25	●	●	32	32	170	32.6	25				
ADKT-ZCC2-R/L-3232-6-T30	●	●	32	32	170	32.6	30				

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

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ADKT-ZCC2-R-1616-2-T15

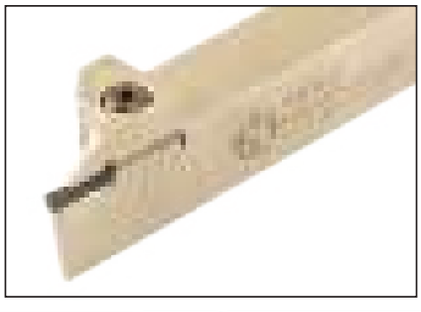


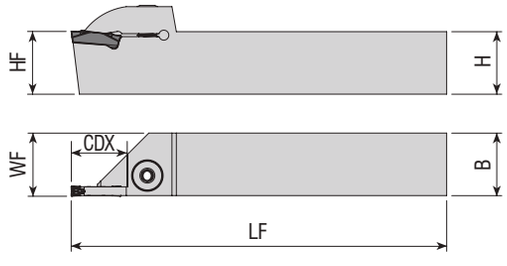


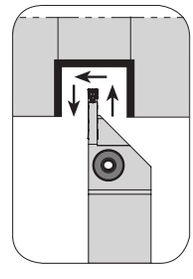


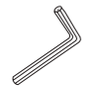
Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	CDX	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube*	Pul *Stamp* *Ring*	Anahtar *Allen Key* Innensechskantschlüssel
ADKT-ITG-R/L-2020-3-T8	●	●	20	20	125	20.3	8	**TGM. - 3**	2004-M8x1x20	-	AAL-05-4
ADKT-ITG-R/L-2525-3-T8	●	●	25	25	150	25.3	8				
ADKT-ITG-R/L-3232-3-T8	●	○	32	32	170	32.3	8				
ADKT-ITG-R/L-2020-4-T9	●	●	20	20	125	20.4	9	**TGM. - 4**			
ADKT-ITG-R/L-2525-4-T17	●	●	25	25	150	25.4	17				
ADKT-ITG-R/L-3232-4-T17	●	●	32	32	170	32.4	17				
ADKT-ITG-R/L-3232-5-T25	●	○	32	32	170	32.5	25	**TGM. - 5**			

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



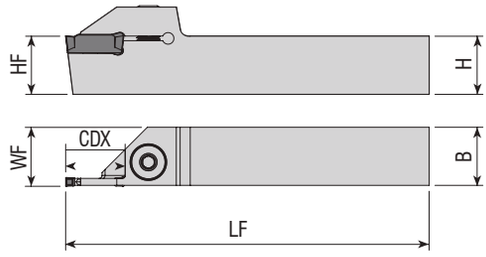


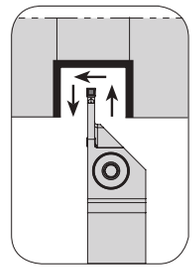


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	CDX	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube*	Pul *Stamp* *Ring*	Anahtar *Allen Key* Innensechskantschlüssel
											
ADKT-KM-R/L-2020-2-T15	●	●	20	20	125	20.3	15	**A4. - 2**	AKV-02-M6x22	ABPL-01	AAL-03-3
ADKT-KM-R/L-2525-2-T15	●	●	25	25	150	25.3	15				
ADKT-KM-R/L-2020-3-T20	●	●	20	20	125	20.4	20	**A4. - 3**	2004-M8x1x20	-	AAL-05-4
ADKT-KM-R/L-2525-3-T22	●	●	25	25	150	25.4	22				
ADKT-KM-R/L-2525-4-T22	●	●	25	25	150	25.5	22	**A4. - 4**			

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

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ADKT-ITG-R-2020-3-T8

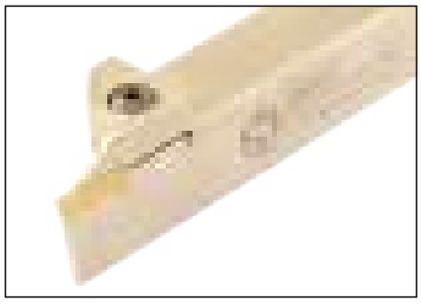


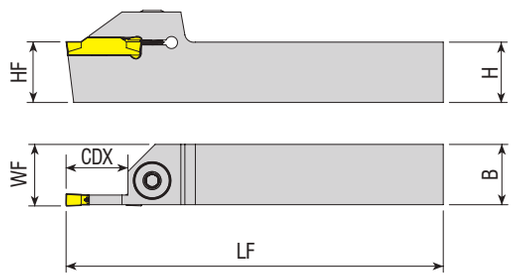


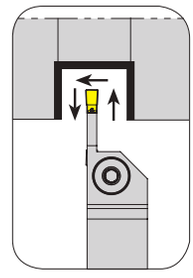
Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok *Stock* *Lager* L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	CDX	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube*	Pul *Stamp* *Ring*	Anahtar *Allen Key* Innensechskantschlüssel
ADKT-I-R/L-1212-2-T15	●	●	12	12	125	16.3	15	DGN - 2	AKV-02-M6x22	ABPL-01	AAL-03-3
ADKT-I-R/L-1616-2-T15	●	●	16	16	100	16.3	15				
ADKT-I-R/L-2020-2-T15	●	●	20	20	125	20.3	15				
ADKT-I-R/L-2525-2-T15	●	●	25	25	150	25.3	15				
ADKT-I-R/L-3232-2-T15	●	●	32	32	170	32.3	15				
ADKT-I-R/L-1212-3-T15	●	●	12	12	100	16.3	15	DGN - 3	2004-M8x1x20	-	AAL-05-4
ADKT-I-R/L-1616-3-T15	●	●	16	16	125	16.3	15				
ADKT-I-R/L-2020-3-T12	●	●	20	20	125	20.3	12				
ADKT-I-R/L-2020-3-T20	●	●	20	20	125	20.3	20				
ADKT-I-R/L-2525-3-T12	●	●	25	25	150	25.3	12				
ADKT-I-R/L-2525-3-T22	●	●	25	25	150	25.3	22				
ADKT-I-R/L-3232-3-T22	●	●	32	32	170	32.3	22				
ADKT-I-R/L-2020-4-T20	●	●	20	20	125	20.4	20	DGN / GRP - 4			
ADKT-I-R/L-2525-4-T12	●	●	25	25	150	25.4	12				
ADKT-I-R/L-2525-4-T22	●	●	25	25	150	25.4	22				
ADKT-I-R/L-3232-4-T25	●	●	32	32	170	32.4	25				
ADKT-I-R/L-2020-5-T20	●	●	20	20	125	20.5	20	DGN / GRP - 5			
ADKT-I-R/L-2525-5-T12	●	●	25	25	150	25.5	12				
ADKT-I-R/L-2525-5-T25	●	●	25	25	150	25.5	25				
ADKT-IG-R/L-1616-3-T18	●	○	16	16	125	16.3	18	GRP - 3			
ADKT-IG-R/L-2020-3-T12	●	●	20	20	125	20.3	12				
ADKT-IG-R/L-2020-3-R20	●	●	20	20	125	20.3	20				
ADKT-IG-R/L-2525-3-T12	●	●	25	25	150	25.3	12				
ADKT-IG-R/L-2525-3-T22	●	●	25	25	150	25.3	22				
ADKT-IGI-R/L-2020-2-T15	●	●	20	20	125	20.3	15	GIM / GIP - 2	AKV-02-M6x22	ABPL-01	AAL-03-3
ADKT-IGI-R/L-2525-2-T15	●	●	25	25	150	25.3	15				
ADKT-IGI-R/L-1616-3-T15	●	●	16	16	125	16.3	15	GIM / GIP - 3	2004-M8x1x20	-	AAL-05-4
ADKT-IGI-R/L-2020-3-T20	●	●	20	20	125	20.3	20				
ADKT-IGI-R/L-2525-3-T9	●	●	25	25	150	25.3	9				
ADKT-IGI-R/L-2525-3-T22	●	●	25	25	150	25.3	22				
ADKT-IGI-R/L-2525-4-T22	●	●	25	25	150	25.4	22	GIM / GIP - 4			
ADKT-IGI-R/L-2525-5-T25	●	●	25	25	150	25.5	25	GIM / GIP - 5			
new ADKT-IGI-R/L-2525-8-T25	●	○	25	25	150	25.8	25	GIM / GIP - 8	2505-M6x20		AAL-07-5
ADKT-IGI-R/L-2525-8-T30	●	○	25	25	150	25.8	30		2004-M8x1x20		AAL-03-3
ADKT-IGTN-R/L-2525-5-T25	●	●	25	25	150	25.6	25	GTN - 5			
new ADKT-IDC-R/L-1616-2-D35	○	●	16	16	140	16.2	35	DCE - 2	2503-M4x19		AAL-05-4
new ADKT-IDC-R/L-2020-2-R23	●	○	20	20	125	20.2	23		AKV-02-M6X22	ABPL-01	AAL-03-3
new ADKT-IDC-R/L-2525-2-R23	●	○	25	25	150	25.2	23				
new ADKT-IDC-R/L-1616-3-D35	●	○	16	16	140	16.3	35	DCE - 3	2504-M5x18		
ADKT-IDC-R/L-2525-3-T21	●	○	25	25	150	25.4	21		2004-M8X1X20	-	AAL-05-4

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

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ADKT-I-R-1212-2-T15



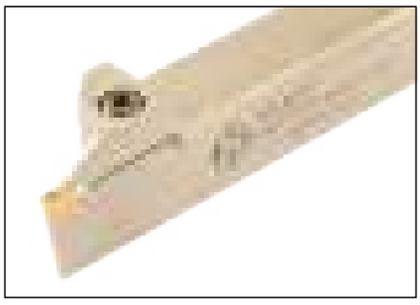


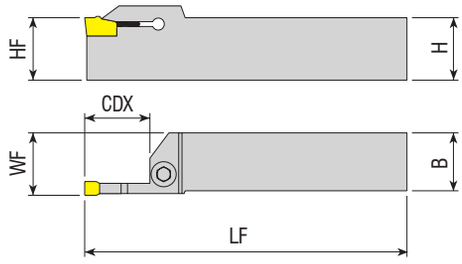


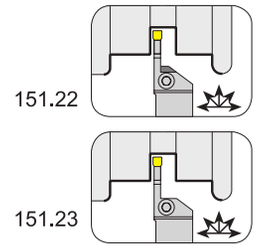
Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	CDX	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube*	Pul *Stamp* *Ring*	Anahtar *Allen Key* Innensechskantschlüssel
ADKT-123-R/L-1212-1.5-R15	●	●	12	12	100	12.2	15	123 - 1.5	AKV-02-M6x22	ABPL-01	AAL-03-3
ADKT-123-R/L-1616-1.5-R15	●	●	16	16	125	16.2	15				
new ADKT-123-R/L-2012-1.5-R15	○	●	20	12	125	12.5	15				
ADKT-123-R/L-1616-2-T15	●	○	16	16	125	16.2	15	123 - 2			
ADKT-123-R/L-2020-2-T8	●	●	20	20	125	20.2	8				
ADKT-123-R/L-2020-2-T15	●	●	20	20	125	20.2	15				
ADKT-123-R/L-2525-2-T8	●	●	25	25	150	25.2	8				
ADKT-123-R/L-2525-2-T15	●	●	25	25	150	25.2	15				
ADKT-123-R/L-3232-2-T15	●	●	32	32	170	32.2	15				
ADKT-123-R/L-1616-3-T10	●	●	16	16	125	16.3	10	123 - 3	2004-M8x1x20	-	AAL-05-4
ADKT-123-R/L-1616-3-T15	●	●	16	16	125	16.3	15				
ADKT-123-R/L-2020-3-T10	●	●	20	20	125	20.3	10				
ADKT-123-R/L-2020-3-T15	●	●	20	20	125	20.3	15				
ADKT-123-R/L-2020-3-T20	●	●	20	20	125	20.3	20				
ADKT-123-R/L-2525-3-T10	●	●	25	25	150	25.3	10				
ADKT-123-R/L-2525-3-T15	●	●	25	25	150	25.3	15				
ADKT-123-R/L-2525-3-T22	●	●	25	25	150	25.3	22				
ADKT-123-R/L-2020-4-T20	●	●	20	20	125	20.4	20	123 - 4			
ADKT-123-R/L-2525-4-T13	●	●	25	25	150	25.4	13				
ADKT-123-R/L-2525-4-T22	●	●	25	25	150	25.4	22				
ADKT-123-R/L-3232-4-T25	●	●	32	32	170	32.4	25				
ADKT-123-R/L-2020-5-T20	●	●	20	20	125	20.5	20	123 - 5			
ADKT-123-R/L-2525-5-T25	●	●	25	25	150	25.5	25				
ADKT-123-R/L-3232-6-T15	●	●	32	32	170	32.5	15	123 - 6			

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

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ADKT-123-R-1212-1.5-R15



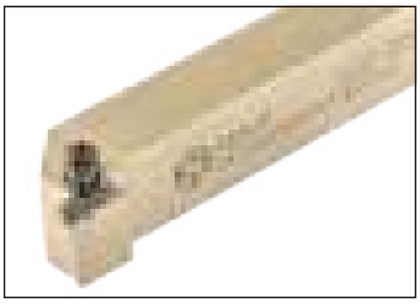


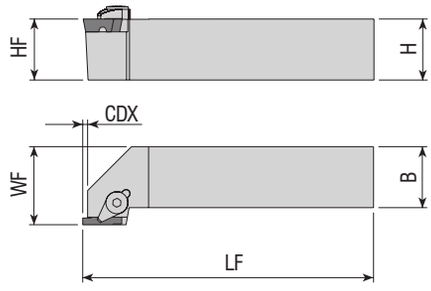


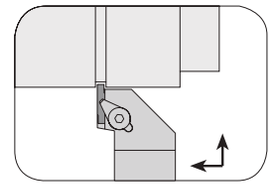
Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok *Stock* *Lager* L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	CDX	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube*	Pul *Stamp* *Ring*	Anahtar *Allen Key* Innensechskantschlüssel
ADKT-151.22-R/L-1616-2-T15	●	●	16	16	125	16.3	15				
ADKT-151.22-R/L-2020-2-T15	●	●	20	20	125	20.3	15	**151.2 - 2**	AKV-02-M6x22	ABPL-01	AAL-03-3
ADKT-151.22-R/L-2525-2-T15	●	●	25	25	150	25.3	15				
ADKT-151.22-R/L-1616-3-T15	●	●	16	16	125	16.4	15				
ADKT-151.22-R/L-2020-3-T20	●	●	20	20	125	20.4	20	**151.2 - 3**			
ADKT-151.22-R/L-2525-3-T22	●	●	25	25	150	25.4	22				
ADKT-151.22-R/L-1616-4-T15	●	●	16	16	125	16.4	15		2004-M8x1x20	-	AAL-05-4
ADKT-151.22-R/L-2020-4-T20	●	●	20	20	125	20.4	20	**151.2 - 4**			
ADKT-151.22-R/L-2525-4-T22	●	●	25	25	150	25.4	22				
ADKT-151.22-R/L-2020-5-T20	●	●	20	20	125	20.5	20	**151.2 - 5**			
ADKT-151.22-R/L-2525-5-T25	●	●	25	25	150	25.5	25				
ADKT-151.23-R/L-1616-2-T15	●	●	16	16	125	16.3	15				
ADKT-151.23-R/L-2020-2-T15	●	●	20	20	125	20.3	15	**151.2 - 2**	AKV-02-M6x22	ABPL-01	AAL-03-3
ADKT-151.23-R/L-2525-2-T15	●	●	25	25	150	25.3	15				
ADKT-151.23-R/L-1616-2.5-T15	●	●	16	16	125	16.3	15				
ADKT-151.23-R/L-2020-2.5-T15	●	●	20	20	125	20.3	15	**151.2 - 2.5**			
ADKT-151.23-R/L-2525-2.5-T15	●	●	25	25	150	25.3	15				
ADKT-151.23-R/L-1212-3-T15	●	●	12	12	100	16.4	15				
ADKT-151.23-R/L-1616-3-T15	●	●	16	16	125	16.4	15				
ADKT-151.23-R/L-2020-3-T20	●	●	20	20	125	20.4	20	**151.2 - 3**	2004-M8x1x20	-	AAL-05-4
ADKT-151.23-R/L-2525-3-T20	●	●	25	25	150	25.4	20				
ADKT-151.23-R/L-2525-3-T22	●	●	25	25	150	25.4	22				
ADKT-151.23-R/L-1616-4-T15	●	●	16	16	125	16.4	15				
ADKT-151.23-R/L-2020-4-T20	●	●	20	20	125	20.4	20	**151.2 - 4**			
ADKT-151.23-R/L-2525-4-T22	●	●	25	25	150	25.4	22				
ADKT-151.23-R/L-2020-5-T20	●	●	20	20	125	20.5	20	**151.2 - 5**			
ADKT-151.23-R/L-2525-5-T25	●	●	25	25	150	25.5	25				

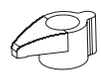
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
SNDVK Ucuna Uygundur. / Compatible with SNDVK Insert. / Kompatibel mit SNDVK Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ADKT-151.22-R-1616-2-T15

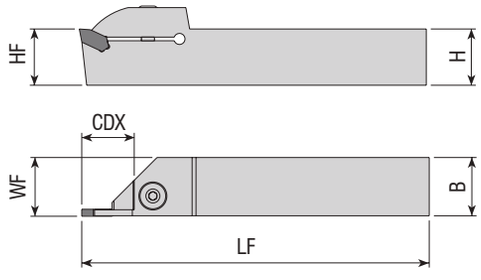


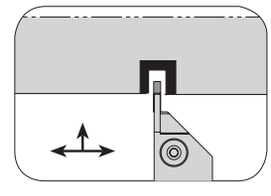


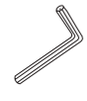


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	CDX	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Baskı Parçası *Wedge Clamp* *Spannspratze*	Sıkma Vidası *Screw* *Klemmschraube*	Pul *Stamp* *Ring*	Anahtar *Allen Key* *Innensechskantschlüssel*
												
ADKT-154.91-R/L-2020-3-T4	●	●	20	20	125	25	4	154.91 - 3	ACK-03	AKV-07-M6x22	APM-06	AAL-03-3
ADKT-154.91-R/L 2525-3-T4	●	●	25	25	150	30.5	4					
ADKT-154.91-R/L 2020-5-T5	●	●	20	20	125	25	5	154.91 - 5				
ADKT-154.91-R/L 2525-5-T5	●	●	25	25	150	30.5	5					

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

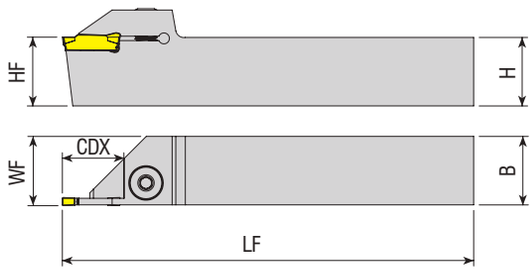


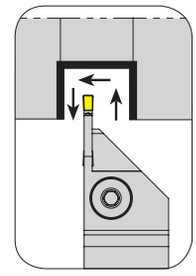


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	CDX	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Sıkma Vidası *Screw* *Klemmschraube*	Pul *Stamp* *Ring*	Anahtar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

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

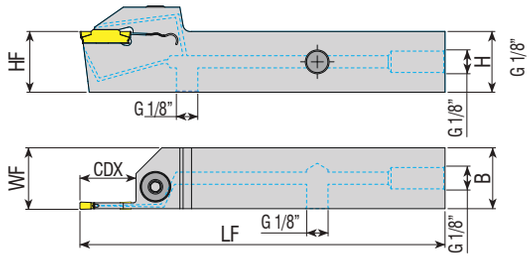
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ADKT-154.91-R-2020-3-T4

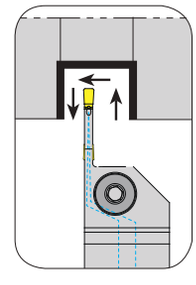




Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	CDX	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube*	Pul *Stamp* *Ring*	Anahtar *Allen Key* Innensechskantschlüssel
ADKT-TD-R/L-1212-2-T15	●	●	12	12	100	12.2	15	TD. - 2	AKV-02-M6x22	ABPL-01	AAL-03-3
ADKT-TD-R/L-1616-2-T8	●	●	16	16	125	16.2	8				
ADKT-TD-R/L-1616-2-T15	●	●	16	16	125	16.2	15				
ADKT-TD-R/L-2020-2-T9	●	○	20	20	125	20.2	9				
ADKT-TD-R/L-2020-2-T15	●	●	20	20	125	20.2	15				
ADKT-TD-R/L-2020-2-T17	●	○	20	20	125	20.2	17				
ADKT-TD-R/L-2020-2-T20	●	○	20	20	125	20.2	20				
ADKT-TD-R/L-2525-2-T8	●	●	25	25	150	25.2	8				
ADKT-TD-R/L-2525-2-T17	●	●	25	25	150	25.2	17				
ADKT-TD-R/L-1212-3-T15	●	●	12	12	100	12.4	15	TD. - 3	2004-M8x1x20	-	AAL-05-4
ADKT-TD-R/L-1616-3-T15	●	●	16	16	125	16.4	15				
ADKT-TD-R/L-2020-3-T12	●	●	20	20	125	20.4	12				
ADKT-TD-R/L-2020-3-T20	●	●	20	20	125	20.4	20				
ADKT-TD-R/L-2020-3-T25	●	○	20	20	125	20.4	25				
ADKT-TD-R/L-2020-3-T30	●	●	20	20	125	20.4	30				
ADKT-TD-R/L-2525-3-T9	●	●	25	25	150	25.4	9				
ADKT-TD-R/L-2525-3-T12	●	●	25	25	150	25.4	12				
ADKT-TD-R/L-2525-3-T22	●	●	25	25	150	25.4	22				
ADKT-TD-R/L-2525-3-T25	●	●	25	25	150	25.4	25				
ADKT-TD-R/L-2525-3-T30	●	●	25	25	150	25.4	30				
ADKT-TD-R/L-3232-3-T25	●	○	32	32	170	32.4	25				
ADKT-TD-R/L-2525-4-T10	●	●	25	25	150	25.5	10	TD. - 4			
ADKT-TD-R/L-2525-4-T15	●	●	25	25	150	25.5	15				
ADKT-TD-R/L-2525-4-T22	●	●	25	25	150	25.5	22				
ADKT-TD-R/L-2525-4-T25	●	○	25	25	150	25.4	25				
ADKT-TD-R/L-2525-4-T30	●	○	25	25	150	25.5	30				
ADKT-TD-R/L-2525-5-T25	●	●	25	25	150	25.5	25	TD. - 5			

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

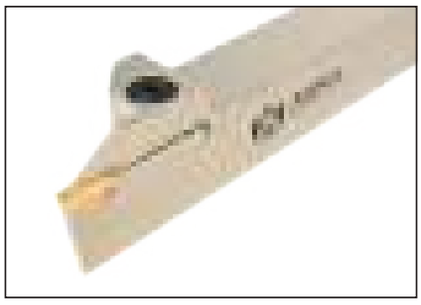


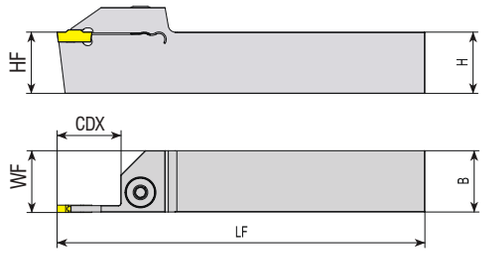


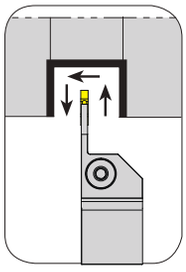
Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	CDX	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube*	Pul *Stamp* *Ring*	Anahtar *Allen Key* Innensechskantschlüssel
ADKT-TD-R/L-2020-3-T30-H	●	●	20	20	125	20.5	30	TD. - 3	2004-M8x1x20	-	AAL-05-4

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

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ADKT-TD-R-1212-2-T15

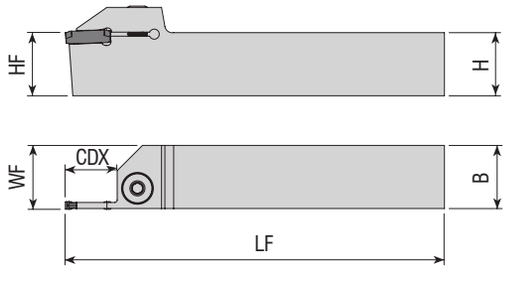


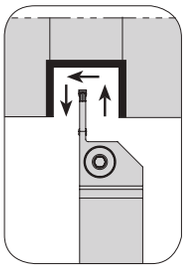




Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	CDX	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube*	Pul *Stamp* *Ring*	Anahtar *Allen Key* Innensechskantschlüssel	Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel*
ADKT-RD-R/L-1616-2-T17	●	○	16	16	125	16.2	17	RD. - 2	AKV-02-M6x22	ABPL-01	AAL-03-3	-
ADKT-RD-R/L-2020-2-T17	●	○	20	20	125	20.2	17					
ADKT-RD-R/L-2525-2-T17	●	○	25	25	150	25.2	17					
ADKT-RD-R/L-1616-3-T20	●	●	16	16	125	16.3	20	RD. - 3	2004-M8x1x20	-	AAL-05-4	
ADKT-RD-R/L-2020-3-T25	●	○	20	20	125	20.3	25					
ADKT-RD-R/L-2525-3-T25	●	○	25	25	150	25.3	25					
ADKT-RD-R/L-2020-4-T30	●	●	20	20	125	20.4	30	RD. - 4				
ADKT-RD-R/L-2525-4-T30	●	○	25	25	150	25.5	30					

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

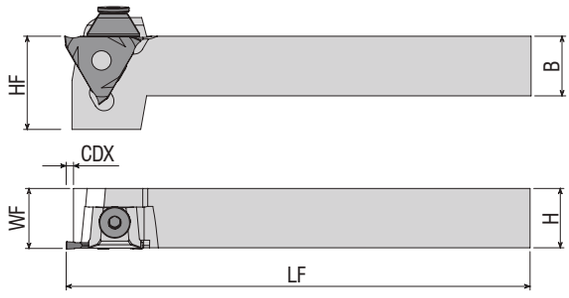


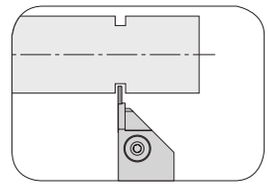


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	CDX	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube*	Pul *Stamp* *Ring*	Anahtar *Allen Key* Innensechskantschlüssel
ADKT-LGC-R/L-1616-2-D40	●	●	16	16	125	16.2	20	GCTX - 2	AKV-02-M6x22	ABPL-01	AAL-03-3
ADKT-LGC-R/L-2020-2-D40	●	●	20	20	125	20.2	20				
ADKT-LGC-R/L-2525-2-D40	●	●	25	25	150	25.2	20				
ADKT-LGC-R/L-1616-3-T20	●	●	16	16	125	16.3	20	GCTX - 3	2004-M8x1x20	-	AAL-05-4
ADKT-LGC-R/L-2020-3-T20	●	●	20	20	125	20.3	20				
ADKT-LGC-R/L-2525-3-T20	●	●	25	25	150	25.3	20				

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

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ADKT-RD-R-1616-2-T17

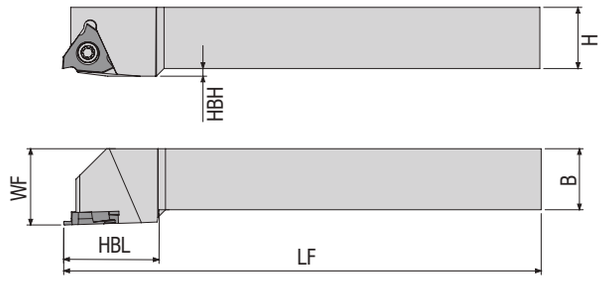




Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok *Stock* *Lager* L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	CDX	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Sıkma Vidası *Screw* *Klemmschraube*	Baskı Pabucu *Wedge Clamp* *Spannpratze*	Segman *Ring* *Feder*	Anahtar *Allen Key* Innensechskantschlüssel
ADKT-H22-R/L-1616-(0.5-2)-T4	●	●	16	16	125	16.35	4	S312 - (0.5-2)	AKV-29-M6x29	AKK-04	AS-01	AAL-03-3
ADKT-H22-R/L-2020-(0.5-2)-T4	●	●	20	20	125	20.35	4					
new ADKT-H22-R/L-2020-(0.5-2)-T6x20	●	○	20	20	125	20.2	20					
ADKT-H22-R/L-2525-(0.5-2)-T4	●	●	25	25	150	25.35	4					
new ADKT-H22-R/L-2525-(0.5-2)-T6x20	●	○	25	25	150	20.2	2					

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

new

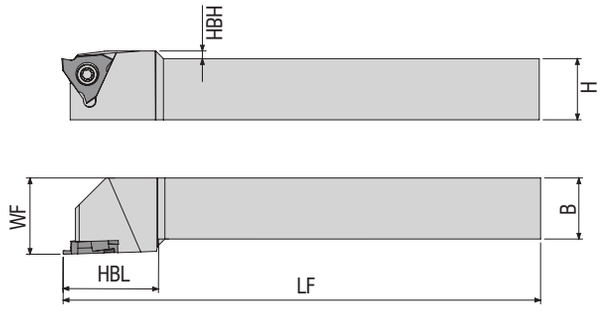


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok *Stock* *Lager* L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Sıkma Vidası *Screw* *Klemmschraube*	Pul *Stamp* *Ring*	Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel*
ADKT-GB-R/L-1212-3	●	○	12	12	100	16	GB3100	4015-M3.5x10	-	80-T15
ADKT-GB-R/L-1616-3	●	○	16	16	125	20				
ADKT-GB-R/L-2020-3	●	○	20	20	125	25				

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

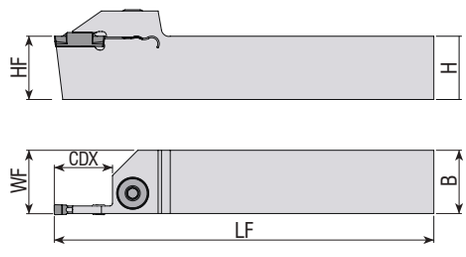
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ADKT-H22-R-1616-(0.5-2)-T4

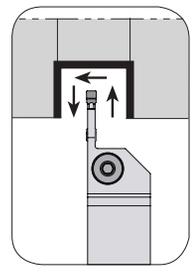
new



Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube*	Pul *Stamp* *Ring*	Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel*
ADKT-TGF-R/L-1616-3	●	○	16	16	125	20	QC16L150	4015-M3.5X10	-	80-T15
ADKT-TGF-R/L-2020-3	●	○	20	20	125	25				
ADKT-TGF-R/L-2525-3	●	○	25	25	150	32				

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

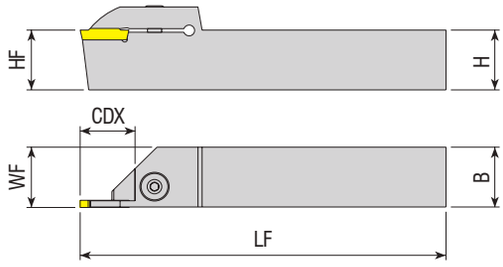


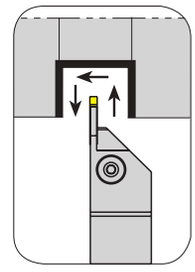


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	CDX	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube*	Pul *Stamp* *Ring*	Anahtar *Allen Key* *Innensechskantschlüssel*
ADKT-TG-R/L-1616-2-R17	●	○	16	16	125	16.2	17	DGM2-020	AKV-02-M6x22	ABPL-01	AAL-03-3
ADKT-TG-R/L-2020-2-R8	●	○	20	20	125	20.2	8				
new ADKT-TG-R/L-2020-2-T8	●	○	20	20	125	20.2	8				
ADKT-TG-R/L-2020-2-R12	●	○	20	20	125	20.2	12				
ADKT-TG-R/L-2020-2-R17	●	○	20	20	125	20.2	17				
ADKT-TG-R/L-2525-2-R12	●	○	25	25	150	25.2	12				
ADKT-TG-R/L-2525-2-R17	●	○	25	25	150	25.2	17				
ADKT-TG-R/L-1616-3-T20	●	○	16	16	125	16.3	20	DGM3-020	2004-M8x1x20	-	AAL-05-4
ADKT-TG-R/L-2020-3-T12	●	○	20	20	125	20.3	12				
ADKT-TG-R/L-2020-3-T20	●	○	20	20	125	20.3	20				
ADKT-TG-R/L-2525-3-T9	●	○	25	25	150	25.3	9				
ADKT-TG-R/L-2525-3-T20	●	○	25	25	150	25.3	20				
ADKT-TG-R/L-2525-3-R25	●	○	25	25	150	25.3	25				
ADKT-TG-R/L-2525-4-T15	●	○	25	25	150	25.5	15	DGM4-030			
ADKT-TG-R/L-2525-4-T20	●	○	25	25	150	25.5	20				
ADKT-TG-R/L-2525-4-T25	●	○	25	25	150	25.5	25				
ADKT-TG-R/L-2525-5-T12	●	○	25	25	150	25.5	12	DGM5-030			
ADKT-TG-R/L-2525-5-T25	●	○	25	25	150	25.5	25				
ADKT-TG-R/L-2525-5-T32	●	○	25	25	150	25.5	32				

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

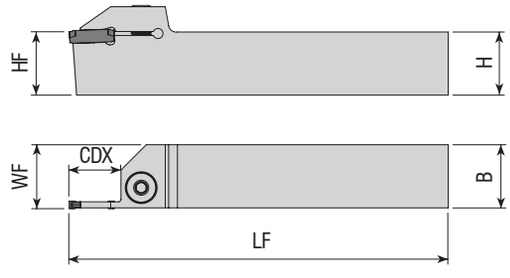
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ADKT-TGF-R-1616-3

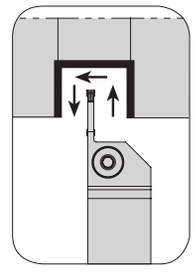




Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	CDX	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube*	Pul *Stamp* *Ring*	Anahtar *Allen Key* Innensechskantschlüssel
ADKT-WGX16-R/L-2020-2-R16	●	○	20	20	125	20.2	16	GX16. - 2	AKV-02-M6x22	ABPL-01	AAL-03-3
ADKT-WGX16-R/L-2525-2-R16	●	○	25	25	150	25.2	16				
ADKT-WGX24-R/L-2020-3-T20	●	●	20	20	125	20.4	20	GX24. - 3	2004-M8x1x20	-	AAL-05-4
ADKT-WGX24-R/L-2525-3-T12	●	●	25	25	150	25.4	12				
ADKT-WGX24-R/L-2525-3-T22	●	●	25	25	150	25.4	22				
ADKT-WGX24-R/L-3232-3-T22	●	○	32	32	170	32.4	22				
ADKT-WGX24-R/L-2525-4-T22	●	●	25	25	150	25.5	22	GX24. - 4			
ADKT-WGX24-R/L-2525-5-T25	●	●	25	25	150	25.5	25	GX24. - 5			
ADKT-WGX24-R/L-3232-5-T25	●	●	32	32	170	32.5	25				

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

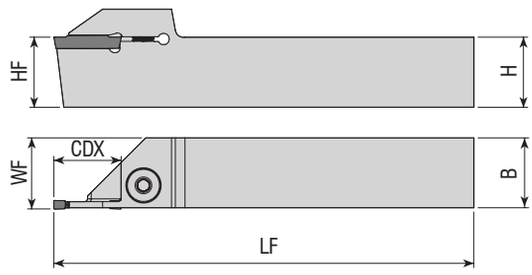


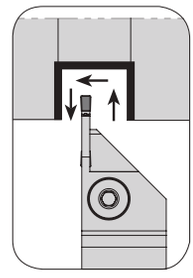


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	CDX	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube*	Pul *Stamp* *Ring*	Anahtar *Allen Key* Innensechskantschlüssel
ADKT-GP-R/L-2020-2-T15	●	●	20	20	125	20.2	15	GP - 2	AKV-02-M6x22	ABPL-01	AAL-03-3
ADKT-GP-R/L-2525-2-T15	●	●	25	25	150	25.2	15				
ADKT-GP-R/L-2020-3-T20	●	●	20	20	125	20.3	20	GP - 3	2004-M8x1x20	-	AAL-05-4
ADKT-GP-R/L-2525-3-T22	●	●	25	25	150	25.3	22				
ADKT-GP-R/L-2525-4-T22	●	●	25	25	150	25.4	22	GP - 4			
ADKT-GP-R/L-2525-5-T25	●	●	25	25	150	25.5	25	GP - 5			

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

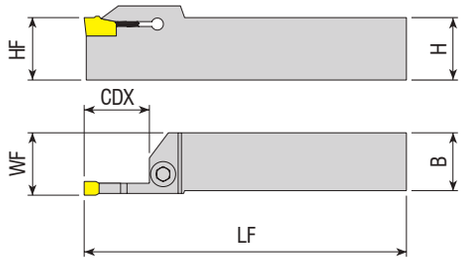
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ADKT-WGX16-R-2020-2-R16

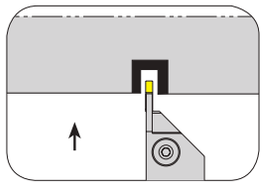




Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok *Stock* *Lager* L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	CDX	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube*	Pul *Stamp*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

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

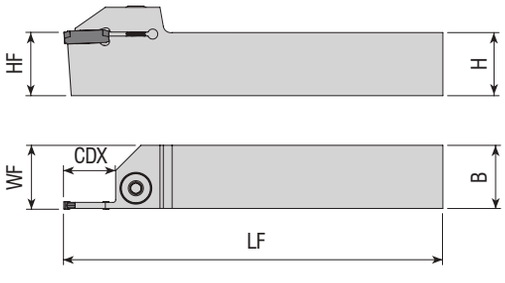


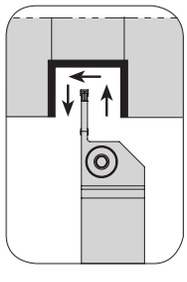


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok *Stock* *Lager* L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	CDX	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube*	Pul *Stamp* *Ring*	Anahtar *Allen Key* Innensechskantschlüssel
ADKT-SWC-R/L-2020-2-T25	●	○	20	20	125	20.3	25	WCF. - 2	AKV-02-M6x22	ABPL-01	AAL-03-3
ADKT-SWC-R/L-2020-3-T25	●	○	20	20	125	20.4	25	WCF. - 3	2004-M8x1x20	-	AAL-05-4

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

new

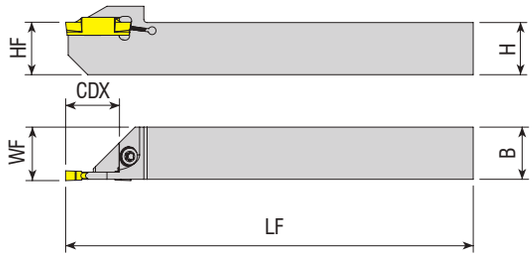


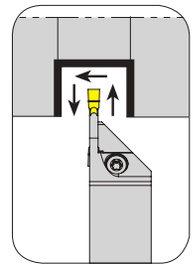


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok *Stock* *Lager* L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	CDX	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube*	Pul *Stamp* *Ring*	Anahtar *Allen Key* Innensechskantschlüssel
ADKT-GY2-R/L-2525-2-R20	●	○	25	25	150	25.2	20	GY2M-0200	AKV-02-M6X22	ABPL-01	AAL-03-3
ADKT-GY2-R/L-2525-3-R20	●	○	25	25	150	25.3	20	GY2M-0300	2004-M8x1x20	-	AAL-05-4
ADKT-GY2-R/L-2525-4-T25	●	○	25	25	150	25.4	25	GY2M-0400	2004-M8x1x20		
ADKT-GY2-R/L-2525-5-T25	●	○	25	25	150	25.5	25	GY2M-0500	2004-M8x1x20		

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

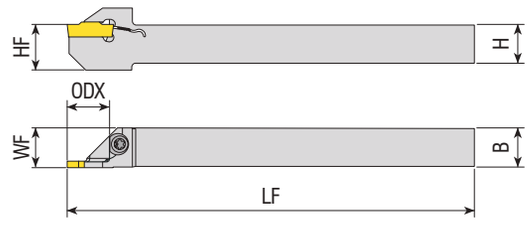
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ADKT-CD-R-2020-3-R20

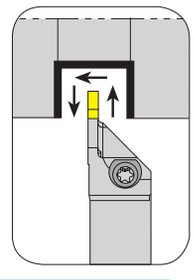




Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok *Stock* *Lager* L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	CDX	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Sıkma Vidası *Screw* *Klemmschraube*	Pul *Stamp* *Ring*	Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel*
new ADKT-TD-R/L-1010-2-R10-K-S	●	●	10	10	125	10.2	10	TD. - 2	4015-M4x11	-	80-T15
ADKT-TD-R/L-1212-2-T12-K-S	●	●	12	12	125	12.2	12				
ADKT-TD-R/L-1616-2-T16-K-S	●	●	16	16	125	16.2	16				
ADKT-TD-R/L-1212-3-T12-K-S	●	●	12	12	125	12.3	12	TD. - 3			
ADKT-TD-R/L-1616-3-T16-K-S	●	●	16	16	125	16.3	16				

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

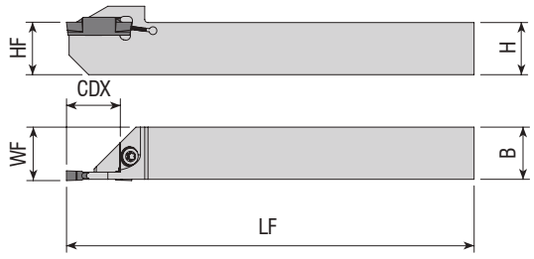


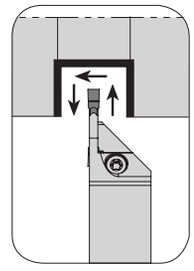


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok *Stock* *Lager* L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	CDX	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Sıkma Vidası *Screw* *Klemmschraube*	Pul *Stamp* *Ring*	Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel*
ADKT-RD-R/L-1212-2-T12-K-S	●	●	12	12	125	12.2	12	RD. - 2	4015-M4x11	-	80-T15
ADKT-RD-R/L-1616-2-T17-K-S	●	●	16	16	125	16.2	17				
ADKT-RD-R/L-1212-3-T12-K-S	●	●	12	12	125	12.2	12	RD. - 3			

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

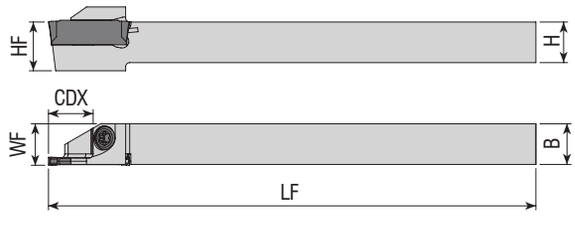
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ADKT-TD-R-1010-2-R10-K-S

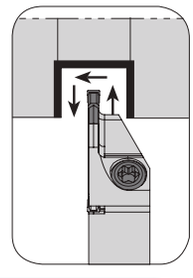




Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	CDX	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Sıkma Vidası *Screw* *Klemmschraube*	Pul *Stamp* *Ring*	Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel*
ADKT-ZCC2-R/L-1010-2-T12-K-S	●	●	10	10	125	10.2	12	Z.BD - 2	4015-M4x11	-	80-T15
ADKT-ZCC2-R/L-1212-2-T12-K-S	●	●	12	12	125	12.2	12				
ADKT-ZCC2-R/L-1616-2-R16-K-S	●	●	16	16	125	16.2	16				
ADKT-ZCC2-R/L-1212-3-T12-K-S	●	●	12	12	125	12.3	12	Z.FD - 3			

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

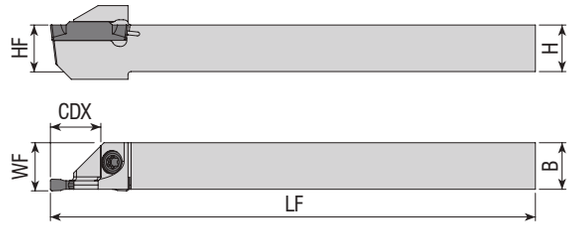


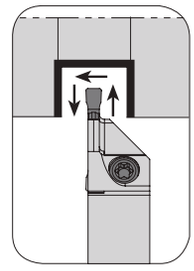


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	CDX	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Sıkma Vidası *Screw* *Klemmschraube*	Pul *Stamp* *Ring*	Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel*
ADKT-I-R/L-0808-2-R10-S	●	●	08	08	100	8.2	10	DGN - 2	4015-M4x11	-	80-T15
ADKT-I-R/L-1010-2-R10-K-S	●	●	10	10	125	10.2	10				
ADKT-I-R/L-1212-2-R12-K-S	●	●	12	12	125	12.2	12				
new ADKT-I-R/L-1616-2-R16-K-S	●	○	16	16	125	16.2	16				
ADKT-I-R/L-1616-3-R16-K-S	●	●	16	16	125	16.3	16	DGN - 3			

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

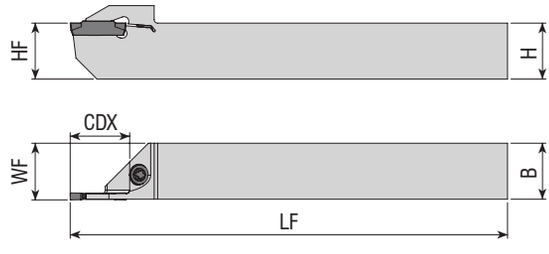
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ADKT-ZCC2-R-1010-2-T12-K-S

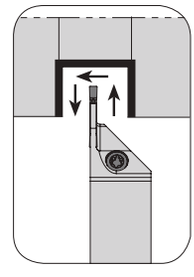




Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	CDX	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Sıkma Vidası *Screw* *Klemmschraube*	Pul *Stamp* *Ring*	Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel*
ADKT-KG-R/L-1212-2-R12-K-S	●	●	12	12	125	12.2	12	KG. - 2	4015-M4x11	-	80-T15
ADKT-KG-R/L-1616-2-R16-K-S	●	●	16	16	125	16.2	16				
ADKT-KG-R/L-1212-3-R12-K-S	●	●	12	12	125	12.3	12	KG. - 3			
ADKT-KG-R/L-1616-3-R16-K-S	●	●	16	16	125	16.3	16				

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

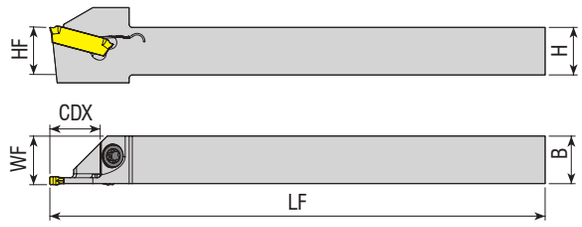


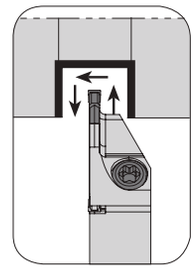


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	CDX	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Sıkma Vidası *Screw* *Klemmschraube*	Pul *Stamp* *Ring*	Tork Anahtar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

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

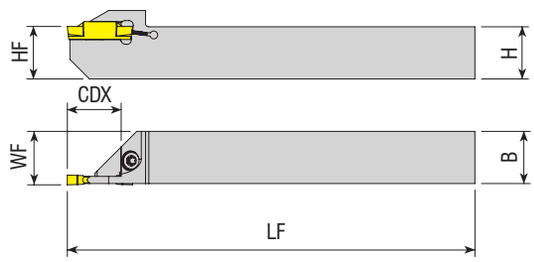
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ADKT-KG-R-1212-2-R12-K-S

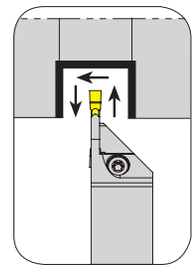




Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	CDX	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Sıkma Vidası *Screw* *Klemmschraube*	Pul *Stamp* *Ring*	Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel*
ADKT-WGX16-R/L-1212-2-R12-K-S	●	●	12	12	125	12.2	12	GX16. - 2	4015-M4x11	-	80-T15
ADKT-WGX16-R/L-1616-2-R16-K-S	●	○	16	16	125	16.2	16				
ADKT-WGX24-R/L-1616-3-R16-K-S	●	○	16	16	125	16.3	16	GX24. - 3			

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

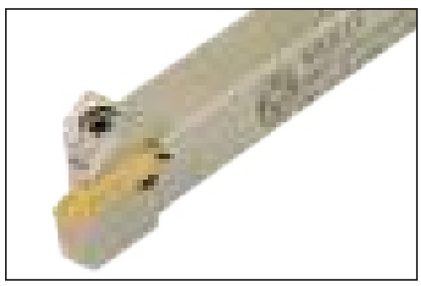


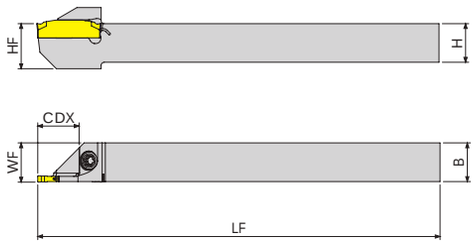


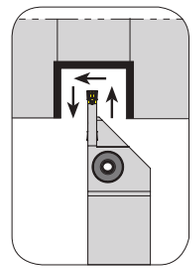
Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	CDX	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Sıkma Vidası *Screw* *Klemmschraube*	Pul *Stamp* *Ring*	Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel*
ADKT-TG-R/L-1212-2-R12-K-S	●	○	12	12	125	12.2	12	DGM2-020	4015-M4x11	-	80-T15
ADKT-TG-R/L-1212-3-R12-K-S	●	○	12	12	125	12.3	12	DGM3-020			

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

new



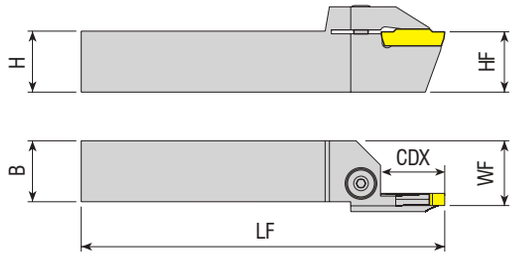


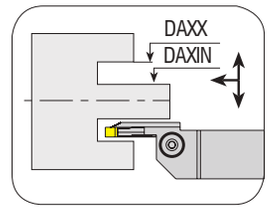


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	CDX	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Sıkma Vidası *Screw* *Klemmschraube*	Pul *Stamp* *Ring*	Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel*
ADKT-123-R/L-1212-2-T12-K-S	●	○	12	12	125	12.2	12	123 - 2	4015-M4X11	-	80-T15
ADKT-123-R/L-1212-3-T12-K-S	○	○	12	12	125	12.3	12	123 - 3			

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

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ADKT-WGX16-R-1212-2-R12-K-S

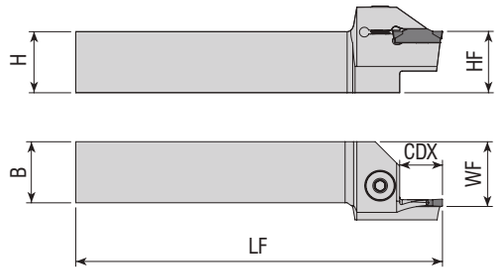


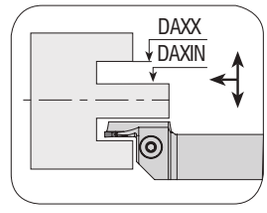


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	CDX	DAXIN	DAXX	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube*	Pul *Stamp* *Ring*	Tork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

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

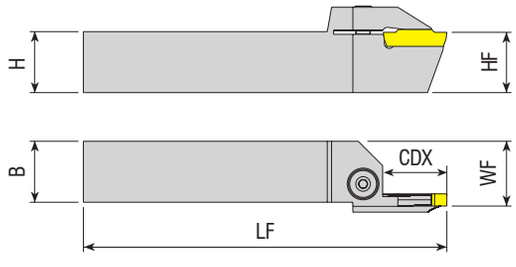
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AAKT-K-R-2525-34-45-3-T17

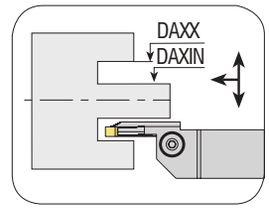




Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok *Stock* *Lager* L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	CDX	DAXIN	DAXX	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Sıkma Vidası *Screw* *Klemmschraube*	Pul *Stamp* *Ring*	Anahtar *Allen Key* Innensechskantschlüssel
AAKT-ZCC2-R/L-2525-140-180-2-T4	●	○	25	25	150	26.5	4	140	180	Z.BD - 2	2004-M8x1x20	-	AAL-05-4
AAKT-ZCC2-R/L-2525-35-45-3-T17	●	●	25	25	150	26.5	17	35	45	Z.FD - 3			
AAKT-ZCC2-R/L-2525-39-55-3-T17	●	○	25	25	150	26.5	17	39	55				
AAKT-ZCC2-R/L-2525-49-80-3-T17	●	●	25	25	150	26.5	17	49	80				
new AAKT-ZCC2-R/L-2525-70-110-3-T15	●	○	25	25	150	26.5	15	70	110				
AAKT-ZCC2-R/L-2525-70-110-3-T17	●	●	25	25	150	26.5	17	70	110				
AAKT-ZCC2-R/L-2525-100-150-3-T17	●	●	25	25	150	26.5	17	100	150				
new AAKT-ZCC2-R/L-2525-100-150-3-T22	●	●	25	25	150	26.5	22	100	150				
AAKT-ZCC2-R/L-2525-40-60-4-T22	●	○	25	25	150	26.5	22	40	60	Z.GD - 4			
AAKT-ZCC2-R/L-2525-52-80-4-T22	●	●	25	25	150	26.5	22	52	80				
AAKT-ZCC2-R/L-2525-72-110-4-T22	●	●	25	25	150	26.5	22	72	110				
AAKT-ZCC2-R/L-2525-100-150-4-T22	●	●	25	25	150	26.5	22	100	150				
AAKT-ZCC2-R/L-2525-140-200-4-T22	●	●	25	25	150	26.5	22	140	200				
AAKT-ZCC2-R/L-2525-55-95-5-T25	●	○	25	25	150	26.5	25	55	95	Z.HD - 5			
AAKT-ZCC2-R/L-2525-85-140-5-T25	●	●	25	25	150	26.5	25	85	140				
AAKT-ZCC2-R/L-2525-130-200-5-T25	●	○	25	25	150	26.5	25	130	200				
AAKT-ZCC2-R/L-2525-190-400-5-T25	●	●	25	25	150	26.5	25	190	400				
AAKT-ZCC2-R/L-2525-190-400-5-T35	●	○	25	25	150	26.5	35	190	400				
AAKT-ZCC2-R/L-2525-200-500-5-T17	●	●	25	25	150	26.5	17	200	500				
AAKT-ZCC2-R/L-2525-60-110-6-T15	●	○	25	25	150	26.5	15	60	110	Z.KD - 6			
new AAKT-ZCC2-R/L-3232-160-400-6-T25	○	●	32	32	170	33.5	25	160	400				

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

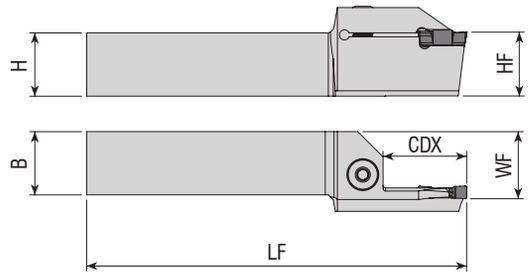


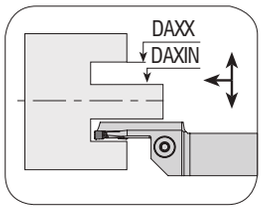


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok *Stock* *Lager* L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	CDX	DAXIN	DAXX	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Sıkma Vidası *Screw* *Klemmschraube*	Pul *Stamp* *Ring*	Anahtar *Allen Key* Innensechskantschlüssel
AAKT-KG-R/L-2525-44-70-4-T22	○	○	25	25	150	26.5	22	44	70	KG.. - 4	2004-M8x1x20	-	AAL-05-4
AAKT-KG-R/L-2525-60-120-4-T22	○	○	25	25	150	26.5	22	60	120				
AAKT-KG-R/L-2525-112-200-4-T22	○	○	25	25	150	26.5	22	112	200				

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

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AAKT-ZCC2-R-2525-140-180-2-T4

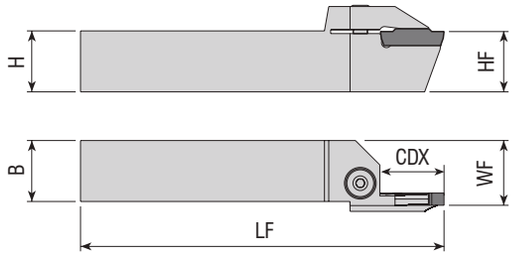


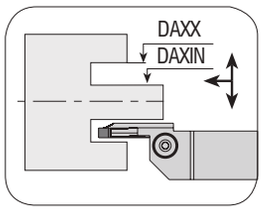


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	CDX	DAXIN	DAXX	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube*	Pul *Stamp* *Ring*	Anahtar *Allen Key* Innensechskantschlüssel
AAKT-IG-R/L-2525-40-60-4-T25	●	●	25	25	150	26.5	25	40	60	DGN / GRP - 4	2004-M8x1x20	-	AAL-05-4
AAKT-IG-R/L-2525-52-80-4-T25	●	●	25	25	150	26.5	25	52	80				
AAKT-IG-R/L-2525-70-110-4-T28	●	●	25	25	150	26.5	28	70	110				
AAKT-IG-R/L-2525-72-110-4-T25	○	○	25	25	150	26.5	25	72	110				
AAKT-IG-R/L-2525-100-150-4-T25	●	○	25	25	150	26.5	25	100	150				
AAKT-IG-R/L-2525-110-200-4-T28	●	○	25	25	150	26.5	28	110	200				
AAKT-IG-R/L-2525-110-200-4-T32	●	●	25	25	150	26.5	32	110	200				
AAKT-IG-R/L-2525-140-200-4-T25	○	○	25	25	150	26.5	25	140	200				
AAKT-IG-R/L-2525-180-800-4-T28	●	●	25	25	150	26.5	28	180	800				
AAKT-IG-R/L-2525-200-800-4-T25	○	○	25	25	150	26.5	25	200	800				
AAKT-IG-R/L-2525-70-110-5-T32	●	●	25	25	150	26.5	32	70	110	DGN / GRP - 5			
AAKT-IG-R/L-2525-110-200-5-T9	●	○	25	25	150	26.5	9	110	200				
AAKT-IG-R/L-2525-110-200-5-T32	●	●	25	25	150	26.5	32	110	200				
AAKT-IG-R/L-2525-180-800-5-T32	●	●	25	25	150	26.5	32	180	800				
AAKT-IG-R/L-2525-58-100-6-T32	●	○	25	25	150	26.5	32	58	100	DGN / GRP - 6			
AAKT-IG-R/L-2525-88-180-6-T32	●	○	25	25	150	26.5	32	88	180				

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

new

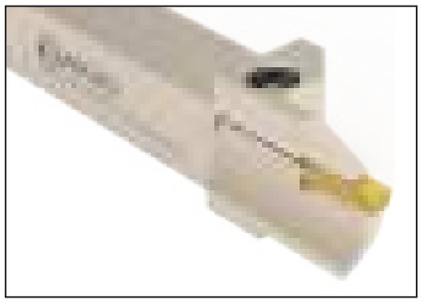


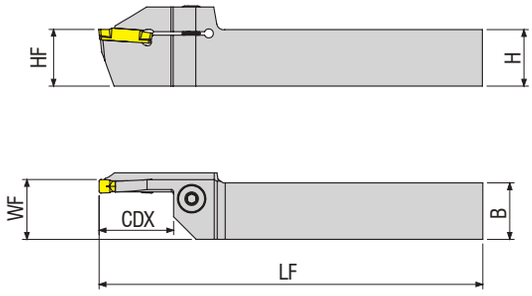


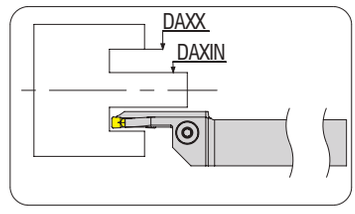
Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	CDX	DAXIN	DAXX	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube*	Pul *Stamp* *Ring*	Anahtar *Allen Key* Innensechskantschlüssel
AAKT-SGC-R/L-2020-22-53-3-T13	○	●	20	20	125	21.5	13	22	53	GCM N3002	2004-M8X1X20	-	AAL-05-4
AAKT-SGC-R/L-2525-80-100-3-T8	●	○	25	25	150	26.5	8	80	100				
AAKT-SGC-R/L-2525-40-65-4-T12	●	○	25	25	150	26.5	12	40	65	GCM N4020			
AAKT-SGC-R/L-2525-80-140-4-T8	●	○	25	25	150	26.5	8	80	140				

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

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AAKT-IG-R-2525-40-60-4-T25

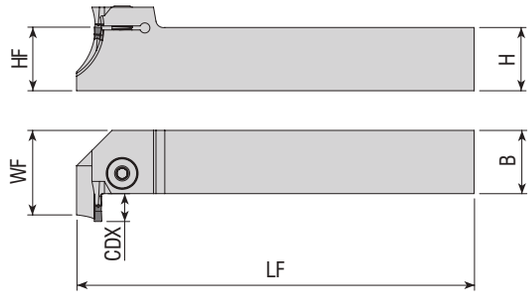


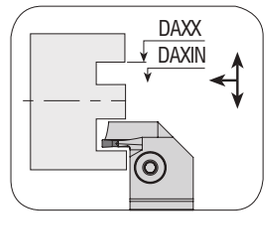




Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	CDX	DAXIN	DAXX	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube*	Pul *Stamp* *Ring*	Anahtar *Allen Key* Innensechskantschlüssel
AAKT-WGX24-R-L-2525-58-100-6-T32	●	○	25	25	170	26.5	32	58	100	GX24.-6	2004-M8x1x20	-	AAL-05-4
AAKT-WGX24-R-L-2525-88-180-6-T32	●	○	25	25	170	26.5	32	88	180				

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

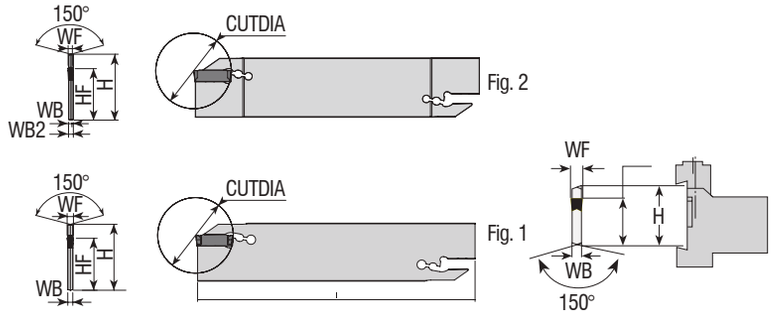


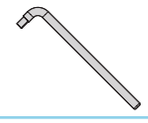


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* HF=H	B	LF	WF	CDX	DAXIN	DAXX	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube*	Pul *Stamp* *Ring*	Anahtar *Allen Key* Innensechskantschlüssel
ALKT-ZCC2-R/L-2525-35-45-3-T10	●	●	25	25	150	36	10	35	45	Z.FD - 3	2004-M8x1x20	-	AAL-05-4
ALKT-ZCC2-R/L-2525-39-55-3-T10	●	●	25	25	150	36	10	39	55				
ALKT-ZCC2-R/L-2525-35-∞-3-T4	●	●	25	25	150	30	4	35	∞				
ALKT-ZCC2-R/L-2525-40-60-4-T14	●	●	25	25	150	40	14	40	60	Z.GD - 4			
ALKT-ZCC2-R/L-2525-52-80-4-T14	●	○	25	25	150	40	14	52	80				
ALKT-ZCC2-R/L-2525-72-110-4-T14	●	○	25	25	150	40	14	72	110				
ALKT-ZCC2-R/L-2525-100-230-4-T14	●	○	25	25	150	40	14	100	230				
ALKT-ZCC2-R/L-2525-40-∞-4-T4	●	●	25	25	150	30	4	40	∞				

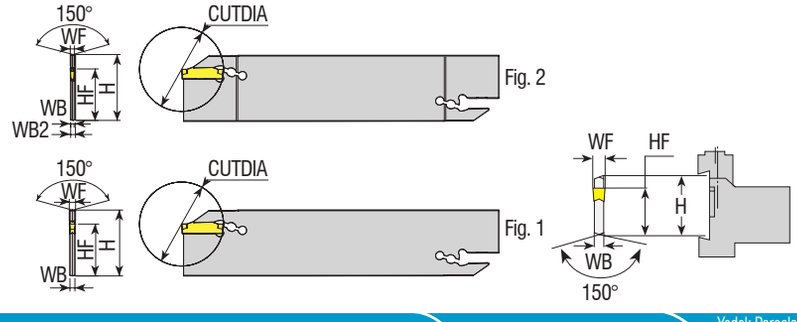
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
ZCC Ucuna Uygundur. / Compatible with ZCC Insert. / Kompatibel mit ZCC Wendeplatten.

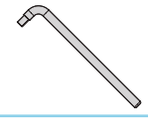
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AAKT-WGX24-R-2525-58-100-6-T32



Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager*	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)*								Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* *Ersatzteile* Anahtar *Allen Key* Innensechskantschlüssel
		H	WF	WB2	WB	l	HF	CUTDIA	Fig.		
AKL-SGC-26-3	●	26	3	2.40	-	110	21.4	39	2	**GCM N30**	ALA-02
AKL-SGC-32-3	●	32	3	2.40	-	150	25	39	1		

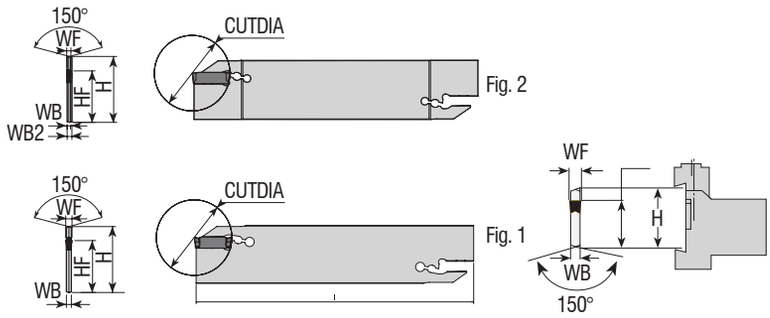
SMTM Ucuna Uygundur. / Compatible with SMTM Insert. / Kompatibel mit SMTM Wendeplatten.

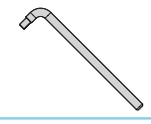


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager*	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)*								Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* *Ersatzteile* Anahtar *Allen Key* Innensechskantschlüssel
		H	WF	WB2	WB	l	HF	CUTDIA	Fig.		
AKL-TD-32-2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

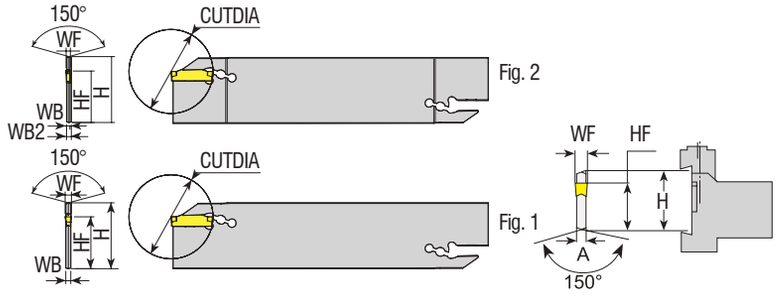
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
TGTC Ucuna Uygundur. / Compatible with TGTC Insert. / *Kompatibel mit TGTC Wendeplatten.*

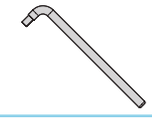
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AKL-SGC-26-3



Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager*	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)*								Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* *Ersatzteile* Anahtar *Allen Key* Innensechskantschlüssel
		H	WF	WB2	WB	l	HF	CUTDIA	Fig.		
AKL-I-26-2	●	26	1.9-2.5	1.6	-	110	21.4	39	1	**DGN - 2**	ALA-02
AKL-I-32-2	●	32	1.9-2.5	1.6	2.4	150	25	39	2		
AKL-I-26-3	●	26	3-3.18	2.4	-	110	21.4	39	1	**DGN - 3**	
AKL-I-32-3	●	32	3-3.18	2.4	-	150	25	39	1		
AKL-I-26-4	●	26	4	3.2	-	110	21.4	80	1	**DGN / GRP - 4**	
AKL-I-32-4	●	32	4	3.2	-	150	25	100	1		

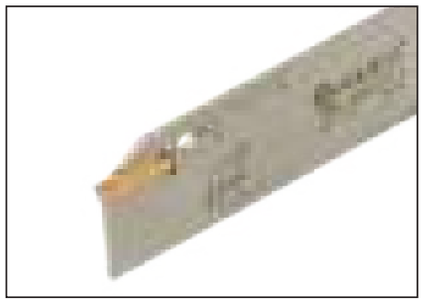
ISCR Ucuna Uygundur. / Compatible with ISCR Insert. / Kompatibel mit ISCR Wendeplatten.

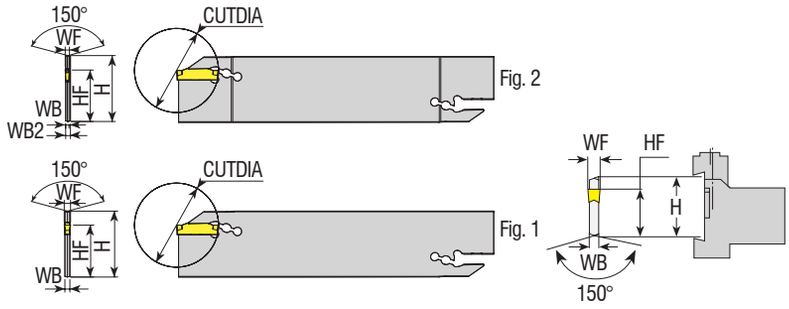


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager*	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)*								Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* *Ersatzteile* Anahtar *Allen Key* Innensechskantschlüssel
		H	WF	WB2	WB	l	HF	CUTDIA	Fig.		
AKL-123-32-2	●	32	2	2.4	1.6	150	25	39	2	**123 - 2**	ALA-02
AKL-123-32-3	●	32	3	2.4	-	150	25	39	1	**123 - 3**	
AKL-123-32-4	●	32	4	3.2	-	150	25	39	1	**123 - 4**	

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

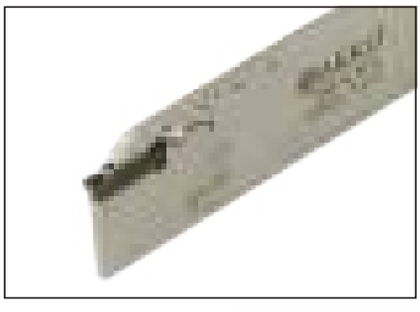
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AKL-I-26-2

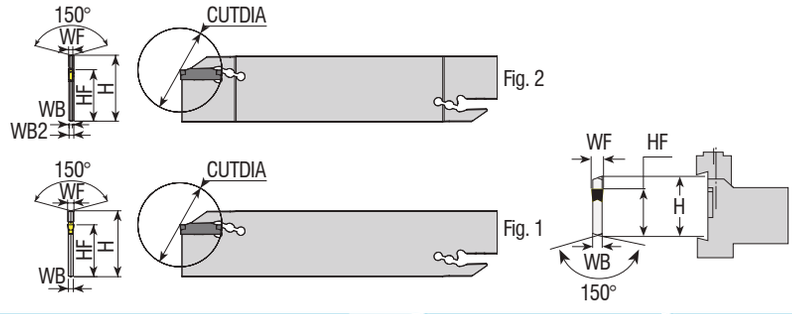




Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager*	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)*								Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* *Ersatzteile* Anahtar *Allen Key* Innensechskantschlüssel
		H	WF	WB2	WB	I	HF	CUTDIA	Fig.		
AKL-ZCC2-32-3	●	32	3	-	2.40	150	25	39	1	**Z.FD-3**	ALA-02
AKL-ZCC2-32-4	●	32	4	-	3.20	150	25	50.8	1	**Z.FD-4**	
AKL-ZCC2-32-5	●	32	5	-	4	150	25	50.8	1	**Z.FD-5**	

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



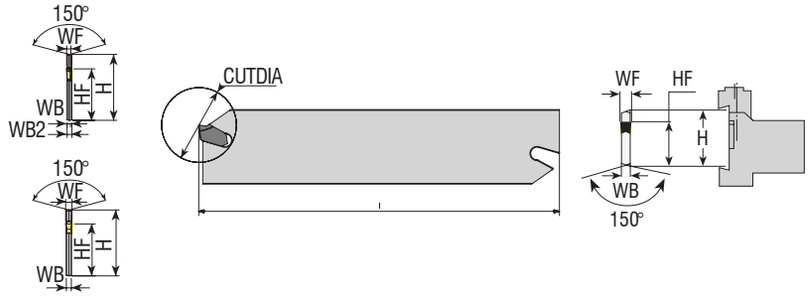


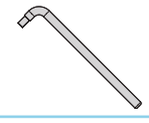
Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager*	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)*								Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* *Ersatzteile* Anahtar *Allen Key* Innensechskantschlüssel
		H	WF	WB2	WB	I	HF	CUTDIA	Fig.		
AKL-K-32-2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

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

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

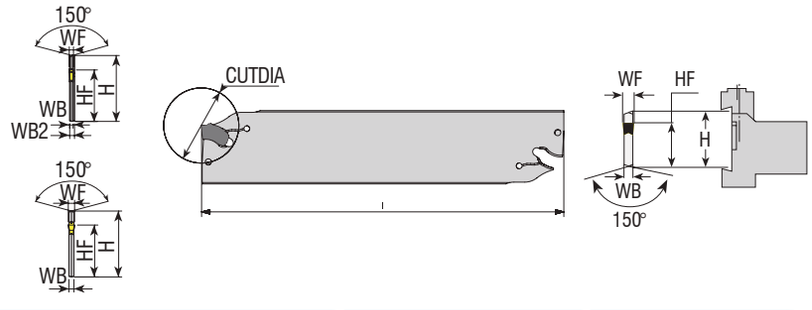
new

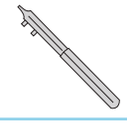


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager*	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)*								Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* *Ersatzteile* Anahtar *Allen Key* Innensechskantschlüssel
		H	WF	WB2	WB	l	HF	CUTDIA	Fig.		
AKL-SP-26-2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

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

new

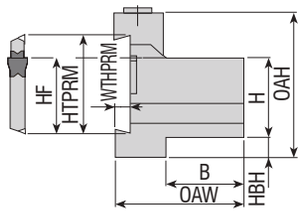


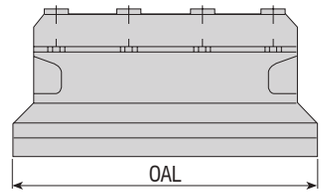
Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager*	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)*								Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* *Ersatzteile* Anahtar *Allen Key* Innensechskantschlüssel
		H	WF	WB2	WB	l	HF	CUTDIA	Fig.		
AKL-SX-32-3	●	32	3	-	2.40	150	24.50	-	2	**SX-3E.300N**	ALA-04
AKL-SX-32-4	●	32	4	-	3.40	150	24.50	-	2	**SX-4E.400N**	
AKL-SX-32-5	●	32	5	-	4.30	150	24.40	-	2	**SX-5E.500N**	
AKL-SX-32-6	●	32	6	-	5.30	150	24.30	-	2	**SX-5E.600N**	

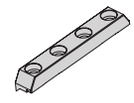
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
WLTR Ucuna Uygundur. / Compatible with WLTR Insert. / Kompatibel mit WLTR Wendeplatten.

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

KESME VE DERİN KANAL AÇMA LAMA BLOĞU
BLOCKS FOR PARTING AND DEEP GROOVING BLADES
SPANNBLOCK FÜR STECHSCHWERT

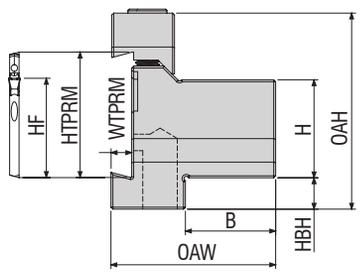


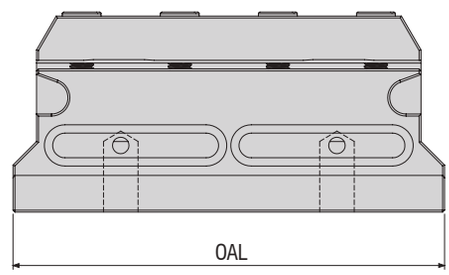


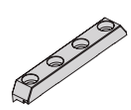
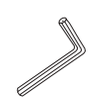
Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager*	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)*									Yedek Parçaları / *Spare Parts* / *Ersatzteile*		
		HTPRM	HF	H	HBH	OAH	WTHPRM	OAL	B	OAW	Pabuç *Clamp* *Spannspratze*	Pabuç Vidası *Clamp Screw* *Klemmschraube*	Anahtar *Allen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

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

new

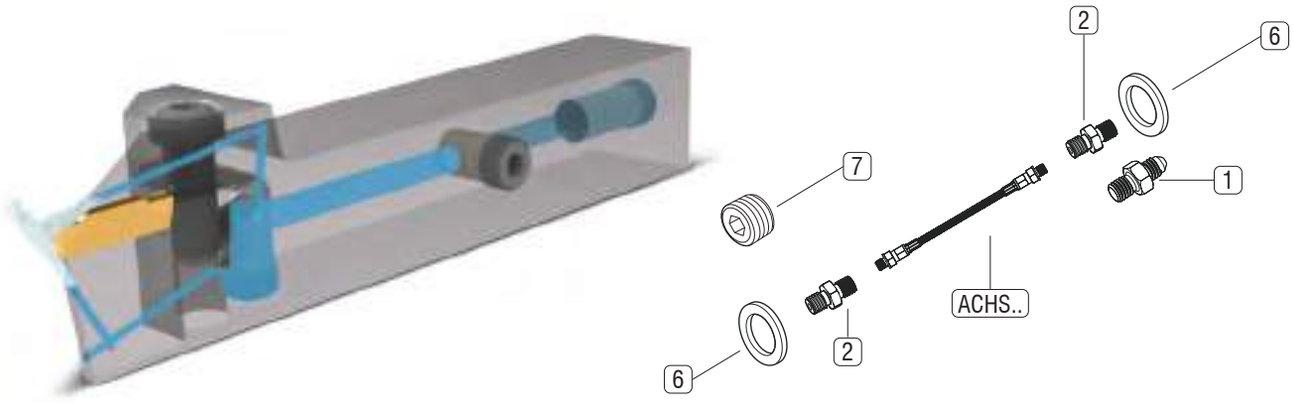




Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager*	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)*									Yedek Parçaları / *Spare Parts* / *Ersatzteile*		
		HTPRM	HD	H	HBH	AOH	WTHPRM	OAL	B	OAW	Pabuç *Clamp* *Spannspratze*	Pabuç Vidası *Clamp Screw* *Klemmschraube*	Anahtar *Allen Key* *Innensechskantschlüssel*
													
ALBU-20-32-H	●	32	20	20	13	36.50	5.30	100	19	38	ABK-03	2505-M6x30	AAL-07-5
ALBU-25-32-H	●	32	25	25	8	50	5.30	110	23	42	ABK-01		
ALBU-32-32-H	●	32	32	32	5	40.50	5.30	110	29	48	ABK-04		

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

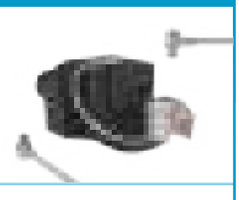
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ALBU-20-26



Not: İçten soğutmalı tüm torna katerlerinde kullanılabilecek 3 tip soğutma hortum setleri tasarlanmıştır. Takımların kullanılmasından önce, kullanılmayan bağlantıların set içindeki vida ile kapatılarak sızdırmazlığın sağlanmasına dikkat edilmelidir. Torna katerlerine yönelik soğutma hortum setleri, ACHS... 10 bar ile maksimum 275 bar basınç aralığında kullanılabilir.

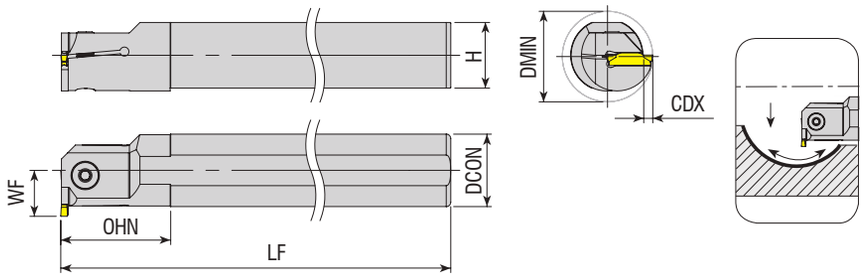
Note: 3 types of cooling hose sets are designed that can be used in all internally cooled lathes. Before using the tools, care should be taken to ensure that the unused connections are closed with the screw in the set and that sealing is ensured. Cooling hose sets for lathe tools can be used in the pressure range of ACHS ... 10 bar to max 275 bar.

Note: Es wurden 3 Arten von Kühlschlauch-Sets entwickelt, die in allen intern gekühlten Drehmaschinen verwendet werden können. Vor der Verwendung der Werkzeuge sollte darauf geachtet werden, dass die nicht verwendeten Verbindungen mit der Schraube im Satz geschlossen werden und die Abdichtung gewährleistet ist. Kühlschlauchsätze für Drehmaschinen können im Druckbereich von ACHS ... 10 bar bis max. 275 bar eingesetzt werden.

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

konuşulan
the spoken kalite...
quality...

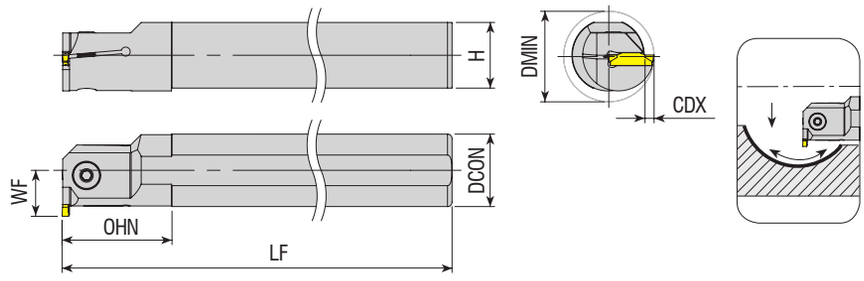
AKKO®



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

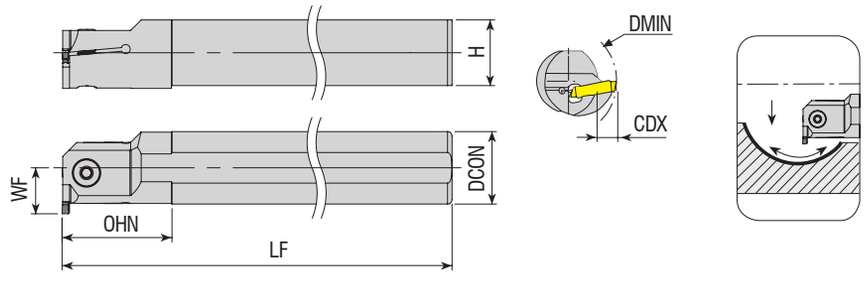
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
KRLY Ucuna Uygundur. / Compatible with KRLY Insert. / Kompatibel mit KRLY Wendeplatten.

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



Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON	DMIN	LF	OHN	CDX	H	WF	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube*	Anahtar *Allen Key* Innensechskantschlüssel
AIKT-KG-R/L-25-2-T7	●	●	25	33	200	40	7	23	19.5	**KG.. - 2**	2504-M5x12	AAL-05-4
AIKT-KG-R/L-20-3-T6.5-H	●	○	20	27.5	170	30	6.5	18.3	16.5	**KG.. - 3**	2504-M5x16	
AIKT-KG-R/L-25-3-T7	○	○	25	33	200	40	7	23	19.5			
AIKT-KG-R/L-40-3-T8	●	○	40	50	300	55	8	37.5	28		2004-M8x1x20	
AIKT-KG-R/L-25-4-T8	●	●	25	34	200	40	8	23	20.5	**KG.. - 4**	2504-M5x16	

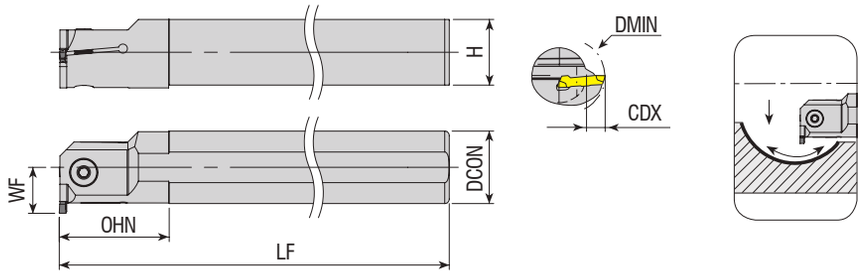
KRLY Ucuna Uygundur. / Compatible with KRLY Insert. / *Kompatibel mit KRYL*



Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON	DMIN	LF	OHN	CDX	H	WF	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube*	Anahtar *Allen Key* Innensechskantschlüssel
AIKT-H-R/L-25-3-T8	●	●	25	34	200	40	8	23	20.5	**S229 - 3**	2504-M5x16	AAL-05-4
AIKT-H-R/L-32-3-T7	●	●	32	40	250	50	7	30	23		2004-M8x1x20	
AIKT-H-R/L-40-3-T7	●	●	40	48	300	55	7	37.5	27			
AIKT-H-R/L-25-4-T8	●	●	25	34	200	40	8	23	20.5	**S229 - 4**	2504-M5x16	
AIKT-H-R/L-32-4-T7	●	●	32	40	250	50	7	30	23		2004-M8x1x20	
AIKT-H-R/L-40-4-T7	●	●	40	48	300	55	7	37.5	27			
AIKT-H-R/L-25-5-T8	●	●	25	34	200	40	8	23	20.5	**S229 - 5**	2504-M5x16	
AIKT-H-R/L-32-5-T7	●	○	32	40	250	50	7	30	23		2004-M8x1x20	
AIKT-H-R/L-40-5-T7	●	○	40	48	300	55	7	37.5	27			

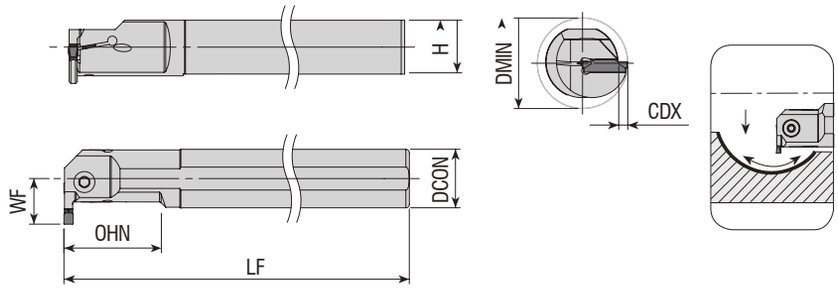
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
HRN Ucuna Uygundur. / Compatible with HRN Insert. / *Kompatibel mit HRN Wendeplatten.*

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AIKT-KG-R-25-2-T7



Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON	DMIN	LF	OHN	CDX	H	WF	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube*	Anahtar *Allen Key* Innensechskantschlüssel
AIKT-HK-R/L-20-2-T6	●	●	20	26	170	30	6	18.3	16	S224 - 2	2503-M4x12	AAL-03-3
AIKT-HK-R/L-25-2-T6	●	○	25	32	200	40	6	23	18.5		2504-M5x16	AAL-05-4
AIKT-HK-R/L-20-3-T6	●	○	20	27	170	30	6	18.3	16	S224 - 3	2504-M5x12	
AIKT-HK-R/L-25-3-T6	●	●	25	32	200	40	6	23	18.5		2504-M5x16	
AIKT-HK-R/L-32-3-T6	●	●	32	39	250	50	6	30	22		2004-M8x1x20	
AIKT-HK-R/L-20-4-T6	●	○	20	27	170	30	6	18.3	16	S224 - 4	2504-M5x12	
AIKT-HK-R/L-25-4-T6	●	○	25	32	200	40	6	23	18.5		2504-M5x16	
AIKT-HK-R/L-32-4-T6	●	○	32	39	250	50	6	30	22		2004-M8x1x20	
AIKT-HS223-R/L-20-2-T5	●	○	20	26	170	33	5	18.3	15	S223 - 2	2503-M4x12	AAL-03-3
AIKT-HS223-R/L-25-2-T5	●	○	25	31	200	40	5	23	17.5		2504-M5x16	AAL-05-4
AIKT-HS223-R/L-20-3-T6	●	○	20	27	170	33	6	18.3	16	S223 - 3	2504-M5x12	
AIKT-HS223-R/L-25-3-T6	●	○	25	32	200	40	6	23	18.5		2504-M5x16	

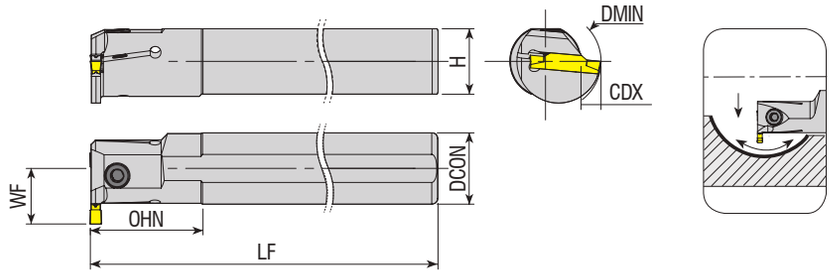
HRN Ucuna Uygundur. / Compatible with HRN Insert. / *Kompatibel mit HRN Wendeplatten.*



Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON	DMIN	LF	OHN	CDX	H	WF	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube*	Anahtar *Allen Key* Innensechskantschlüssel
AIKT-KM-R/L-20-2-T7	●	●	20	25	170	40	7	18.3	13	A4. - 2	2503-M4x12	AAL-03-3
AIKT-KM-R/L-20-3-T7	●	○	20	25	170	40	7	18.3	13	A4. - 3	2504-M5x12	AAL-05-4
AIKT-KM-R/L-25-3-T10	●	●	25	32	200	50	10	23	17		2505-M6x16	AAL-07-5
AIKT-KM-R/L-32-3-T12	●	●	32	40	250	64	12	30	22			
AIKT-KM-R/L-40-3-T12	●	●	40	48	300	80	12	37.5	27		2505-M6x20	
AIKT-KM-R/L-20-4-T7	●	○	20	25	170	40	7	18.3	13	A4. - 4	2504-M5x12	AAL-05-4
AIKT-KM-R/L-32-4-T12.2-H	●	○	32	40	190	104	12.2	31	22		2504-M5x14	

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

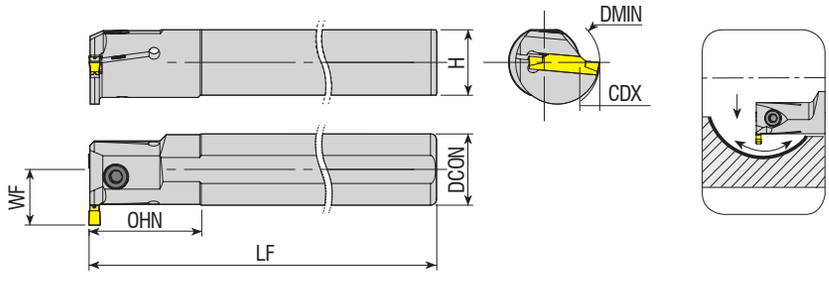
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AIKT-HK-R-20-2-T6



Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON	DMIN	LF	OHN	CDX	H	WF	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube*	Anahtar *Allen Key* Innensechskantschlüssel
AIKT-123-R/L-20-2-T6	●	○	20	32	170	30	6	18.3	16	123 - 2	2503-M4x12	AAL-03-3
AIKT-123-R/L-25-2-T6	●	○	25	32	200	40	6	18.3	18.5		2504-M5x12	AAL-05-4
AIKT-123-R/L-32-2-T7	●	○	32	41	250	45	7	30	23		2004-M8x1x20	
AIKT-123-R/L-20-3-T6	●	○	20	32	170	30	6	18.3	16	123 - 3	2504-M5x16	
AIKT-123-R/L-25-3-T7	●	○	25	32	200	40	7	23	19.5			
AIKT-123-R/L-32-3-T9	●	○	32	41	250	50	9	30	25		2004-M8x1x20	
AIKT-123-R/L-20-4-T8	●	○	20	29	170	30	8	18.3	18	123 - 4	2504-M5x16	
AIKT-123-R/L-25-4-T7	●	○	25	32	200	40	7	23	19.5			
AIKT-123-R/L-32-4-T7	●	●	32	41	250	45	7	30	23		2004-M8x1x20	
AIKT-123-R/L-32-4-T10	●	○	32	43	250	50	10	30	26			
AIKT-123-R/L-25-5-T8	●	○	25	34	200	40	8	23	20.5	123 - 5	2504-M5x16	
AIKT-123-R/L-32-5-T11	●	●	32	43	250	50	11	30	27		2004-M8x1x20	

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

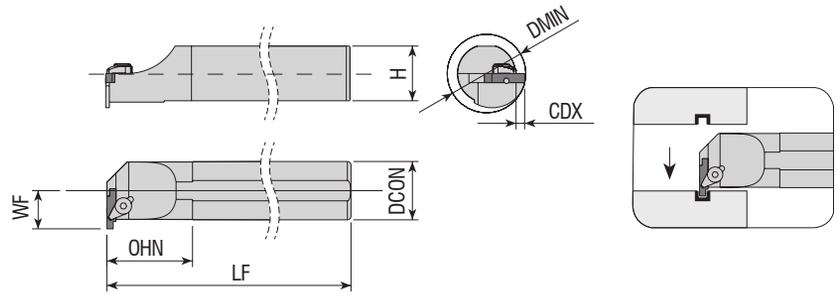
new



Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON	DMIN	LF	OHN	CDX	H	WF	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube*	Anahtar *Allen Key* Innensechskantschlüssel
AIKT-151.23-R/L-20-2-T6	●	○	20	32	170	30	6	18.3	16	151.23 - 2	2503-M4x12	AAL-03-3
AIKT-151.23-R/L-20-2.5-T6	●	○	20	32	170	30	6	18.3	16	151.23 - 2.5		
AIKT-151.22-R/L-25-3-T6	○	●	25	37	200	32	6	23	18.5	151.23 - 3		
AIKT-151.22-R/L-25-3-T6-H	○	●	25	37	200	32	6	23	18.5			

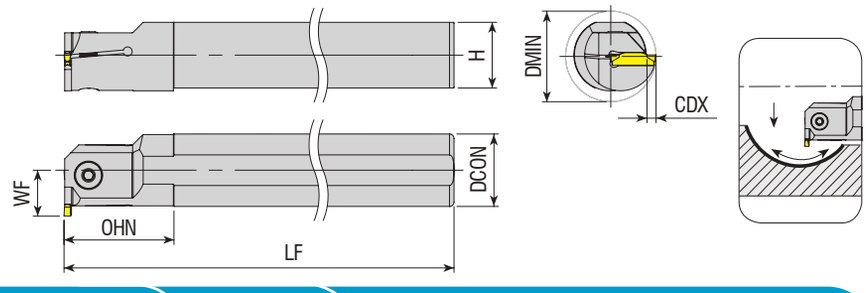
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
SNDVK Ucuna Uygundur. / Compatible with SNDVK Insert. / Kompatibel mit SNDVK Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AIKT-123-R-20-2-T6



Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON	DMIN	LF	OHN	CDX	H	WF	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Baskı Parçası *Wedge Clamp* *Spannpratze*	Sıkma Vidası *Screw* *Klemmschraube*	Pim *Pin* *Stift*	Anahtar *Allen Key* Innensechskantschlüssel
AIKT-154.91-R/L-16-3-T3	●	●	16	20	150	35	3	14.8	11	154.91 - 3	ACK-06	AKV-10-M6x14	APM-06	AAL-05-4
AIKT-154.91-R/L-20-3-T4	●	●	20	25	170	38	4	18.3	14					
AIKT-154.91-R/L-25-3-T4	●	●	25	31	200	40	4	23	16.5			AKV-21-M6x18		AAL-03-3
AIKT-154.91-R/L-25-5-T5	●	●	25	31	200	45	5	23	17.5	154.91 - 5	ACK-03			
AIKT-154.91-R/L-32-5-T5	●	●	32	38	250	50	5	30	21			AKV-07-M6x22		

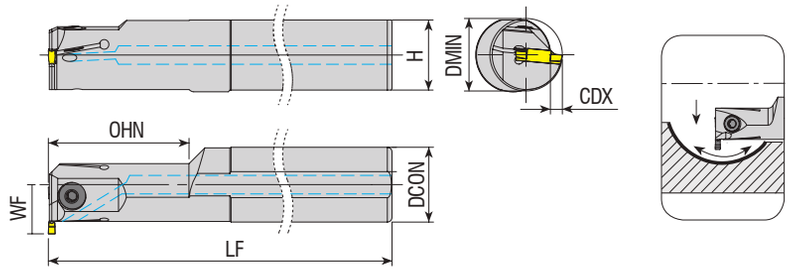
SNDVK Ucuna Uygundur. / Compatible with SNDVK Insert. / Kompatibel mit SNDVK Wendeplatten.



Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON	DMIN	LF	OHN	CDX	H	WF	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile*: Sıkma Vidası *Screw* *Klemmschraube*	Anahtar *Allen Key* Innensechskantschlüssel
AIKT-RD-R/L-16-2-T6	●	○	16	24	150	28	6	14.8	14	RD. - 2	2503-M4x10	AAL-03-3
AIKT-RD-R/L-20-2-T6	●	○	20	28	170	28	6	18.3	16			
AIKT-RD-R/L-25-2-T6	●	○	25	33	200	28	6	23	18.5		2504-M5x16	
AIKT-RD-R/L-16-3-T6	●	○	16	24	150	28	6	14.8	14	RD. - 3	2503-M4x10	AAL-05-4
AIKT-RD-R/L-20-3-T6	●	○	20	28	170	28	6	18.3	16		2504-M5x12	
AIKT-RD-R/L-25-3-T6	●	○	25	33	200	28	6	23	18.5		2504-M5x16	
AIKT-RD-R/L-32-3-T6	●	○	32	40	250	50	6	30	22		2004-M8x1x20	
AIKT-RD-R/L-20-4-T6	●	○	20	28	170	28	6	18.3	16	RD. - 4	2504-M5x12	
AIKT-RD-R/L-25-4-T6	●	○	25	33	200	28	6	23	18.5		2504-M5x16	
AIKT-RD-R/L-32-4-T6	●	○	32	40	250	50	6	30	22		2004-M8x1x20	

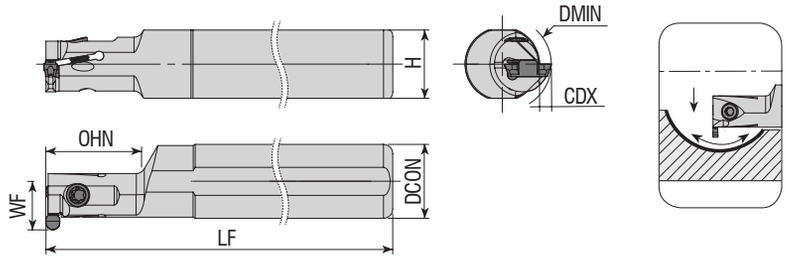
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
TGTC Ucuna Uygundur. / Compatible with TGTC Insert. / *Kompatibel mit TGTC Wendeplatten.*

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AIKT-154.91-R-16-3-T3



Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON	DMIN	LF	OHN	CDX	H	WF	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube*	Anahtar *Allen Key* *Innensechskantschlüssel*
AIKT-TD-R/L-16-2-T8.5-H	●	○	16	25	150	28	8.5	14.8	16.5	TD. - 2	2503-M4x10	AAL-03-3
AIKT-TD-R/L-20-3-T6-H	●	○	20	25	170	40	6	18.3	16	TD. - 3	2504-M5x12	AAL-05-4
AIKT-TD-R/L-25-3-T6-H	●	○	25	25	200	40	6	23	18.5		2504-M5x16	
AIKT-TD-R/L-32-3-T5-H	●	○	32	31	250	60	5	30	21		2004-M8x1x20	
new AIKT-TD-R/L-20-4-T10-H	○	●	20	27	170	40	10	18.3	20	TD. - 4	2504-M5X12	
new AIKT-TD-R/L-25-4-T10-H	○	●	25	31	200	40	10	23	22.5		2504-M5X16	
new AIKT-TD-R/L-32-4-T10-H	○	●	32	36	250	60	10	30	26		2004-M8X1X20	

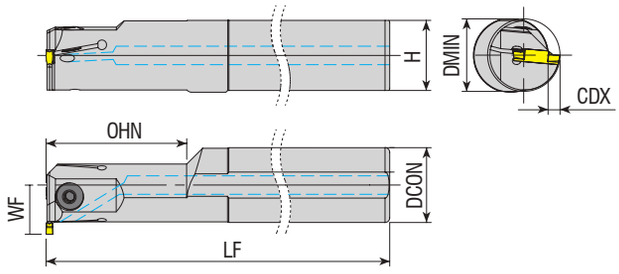
TGTC Ucuna Uygundur. / Compatible with TGTC Insert. / *Kompatibel mit TGTC Wendeplatten.*

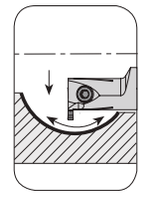


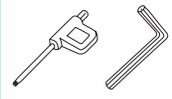
Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON	DMIN	LF	OHN	CDX	H	WF	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube*	Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel*
AIKT-IGE-R/L-10-2-T3-H	●	○	10	11.5	125	25	3	9	8.3	GEPI - 2	3008-M3x8	82-T08
AIKT-IGE-R/L-16-2-T3-D11.5	●	○	16	11.5	125	20	3	14.8	11.1		1315-M4x11	80-T15
new AIKT-IGE-R/L-16-2-T3-D11.5-H	●	○	16	11	125	22	3	14.8	11			
AIKT-IGE-R/L-16-2-T2.5-H	●	●	16	13	125	20	2.5	14.8	10.5			
AIKT-IGE-R/L-16-3-T2.5-H	●	○	16	13	125	20	2.5	14.8	10.5	GEPI - 3		
AIKT-IGE-R/L-16-3-T2.5-D20	●	○	16	20	125	28	2.5	14.8	10.5			

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

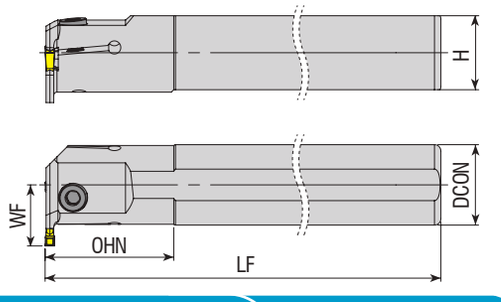
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AIKT-TD-R-16-2-T8.5-H

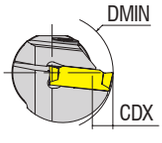


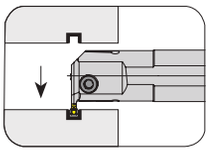


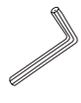
Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON	DMIN	LF	OHN	CDX	H	WF	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube*	Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel* / Anahtar *Allen Key* Innensechskantschlüssel
												
AIKT-IGI-R/L-20-3-T4	●	●	20	20	170	25	4	18.3	14.5	**GIMIY / GIPI - 3**	1020-M5x14	80-T20
AIKT-IGI-R/L-25-3-T5	●	●	25	23	200	30	5	23	17		2504-M5x16	AAL-05-4
AIKT-IGI-R/L-32-3-T5	●	●	32	31	250	30	5	30	21			
AIKT-IGI-R/L-40-3-T5	●	○	40	50	300	50	5	37.5	25		2004-M8x1x20	
AIKT-IGI-R/L-20-4-T4	●	●	20	20	170	25	4	18.3	14.5	**GIMIY / GIPI - 4**	1020-M5x14	80-T20
AIKT-IGI-R/L-25-5-T10	●	○	25	32	200	25	10	23	22.5	**GIMIY / GIPI - 5**	2504-M5x16	AAL-05-4
new **AIKT-IGI-R/L-25-5-T10-H**	●	○	25	32	200	25	10	23	22.5			
AIKT-IGI-R/L-25-5-T15	●	○	25	37	200	25	15	23	27.5			
new **AIKT-IGI-R/L-25-5-T15-H**	●	○	25	37	200	25	15	23	27.5			

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



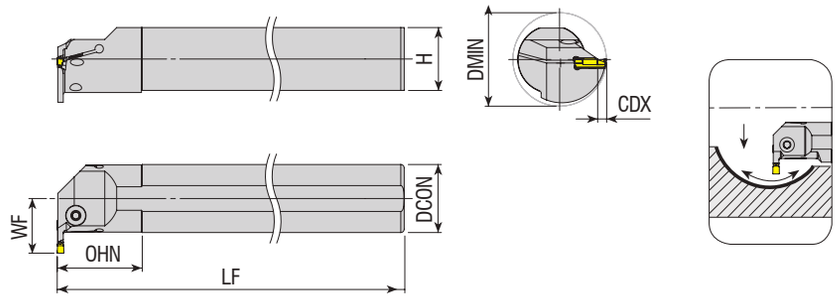




Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON	DMIN	LF	OHN	CDX	H	WF	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube*	Anahtar *Allen Key* Innensechskantschlüssel
												
AIKT-I-R/L-20-3-T5	●	●	20	26	170	25	5	18.3	15.5	**DGN - 3**	2504-M5x12	AAL-05-4
AIKT-I-R/L-25-3-T6	●	●	25	32	200	40	6	23	19		2504-M5x16	

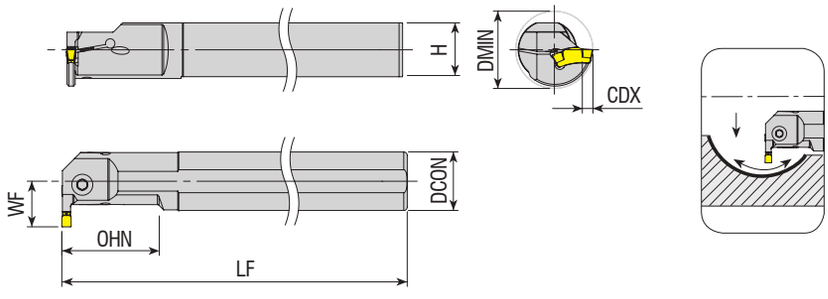
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
ISCR Ucuna Uygundur. / Compatible with ISCR Insert. / Kompatibel mit ISCR Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AIKT-IGI-R-20-3-T4



Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON	DMIN	LF	OHN	CDX	H	WF	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube*	Anahtar *Allen Key* *Innensechskantschlüssel*
AIKT-IG-R/L-25-4-T10-H	●	●	25	36	200	40	10	23	22.7	DGN / GRP - 4	2504-M5X16	AAL-05-4
AIKT-IG-R/L-32-4-T10-H	●	●	32	43	250	45	10	30	26.2		2004-M8x1x20	
AIKT-IG-R/L-40-4-T12-H	●	●	40	53	250	50	12	37.5	32.2			
AIKT-IG-R/L-25-5-T10-H	●	○	25	43	200	40	10	23	22.7	DGN / GRP - 5	2504-M5X16	
AIKT-IG-R/L-32-5-T10-H	●	○	32	43	250	45	10	30	26.2		2004-M8x1x20	
AIKT-IG-R/L-40-5-T12-H	●	○	40	53	250	50	12	37.5	32.2			
AIKT-IG-R/L-50-5-T12-H	●	○	50	63	300	60	12	47	37.2			

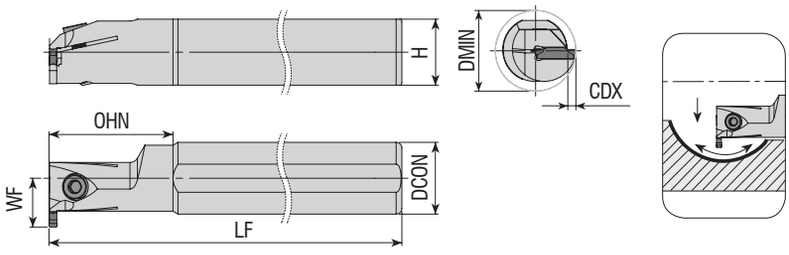
ISCR Ucuna Uygundur. / Compatit·le w th ISCR Insert. / Kompatibel mit ISCR Wendeplatten.



Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON	DMIN	LF	OHN	CDX	H	WF	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube*	Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel*
AIKT-ITG-R/L-16-3-T6-H	●	●	16	20	150	25	6	14.8	12	TGM. - 3	1020-M4.5X14	80-T20
AIKT-ITG-R/L-20-3-T6-H	●	●	20	25	170	32	6	18.3	14.2		1020-M4.5X16	
AIKT-ITG-R/L-25-3-T8-H	●	●	25	32	200	40	8	23	18.8		2504-M5X16	AAL-05-4
AIKT-ITG-R/L-32-3-T8-H	●	●	32	38	250	49	8	30	22		2004-M8x1x20	
AIKT-ITG-R/L-20-4-T6-H	●	●	20	25	170	33	6	18.3	14.2	TGM. - 4	1020-M4.5X16	80-T20
AIKT-ITG-R/L-25-4-T7-H	●	●	25	31	200	41	7	23	17.5		2504-M5X16	AAL-05-4
AIKT-ITG-R/L-25-4-T9-H	●	●	25	32.5	200	41	9	23	19.5			
AIKT-ITG-R/L-32-4-T11-H	●	●	32	42	250	50	11	30	25.5		2004-M8x1x20	
AIKT-ITG-R/L-40-4-T11-H	●	●	40	53	300	50	11	37.5	32			
AIKT-ITG-R/L-32-6.35-T17.5-H	●	●	32	57	250	50	17.5	30	29	TGM. - 6.35		

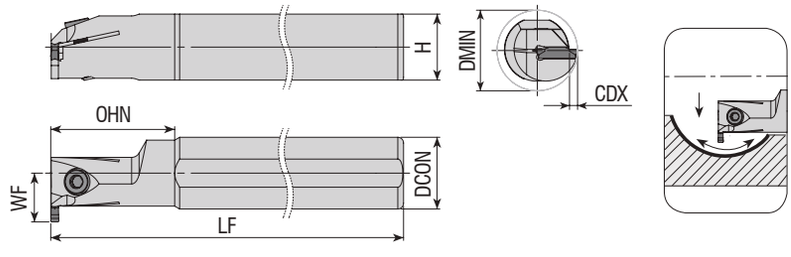
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
ISCR Ucuna Uygundur. / Compatible with ISCR Insert. / Kompatibel mit ISCR Wendeplatten.

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AIKT-IG-R-25-4-T10-H



Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok *Stock* *Lager* L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON	DMIN	LF	OHN	CDX	H	WF	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube*	Anahtar *Allen Key* Innensechskantschlüssel
AIKT-GP-R/L-20-2-T4	●	○	20	25	170	30	4	18.3	14.5	GP - 2	2503-M4x12	AAL-03-3
AIKT-GP-R/L-25-2-T6	●	○	25	32	200	40	6	23	18.5		2504-M5X16	AAL-05-4
AIKT-GP-R/L-20-3-T6	●	○	20	27	170	30	6	18.3	16	GP - 3		
AIKT-GP-R/L-25-3-T6	●	○	25	32	200	40	6	23	18.5			
AIKT-GP-R/L-32-3-T6	●	○	32	39	250	50	6	30	22		2004-M8x1x20	
AIKT-GP-R/L-20-4-T6	●	○	20	27	170	30	6	18.3	16	GP - 4	2504-M5X16	
AIKT-GP-R/L-25-4-T6	●	○	25	32	200	40	6	23	18.5		2004-M8x1x20	
AIKT-GP-R/L-32-4-T6	●	○	32	39	250	50	6	30	22			

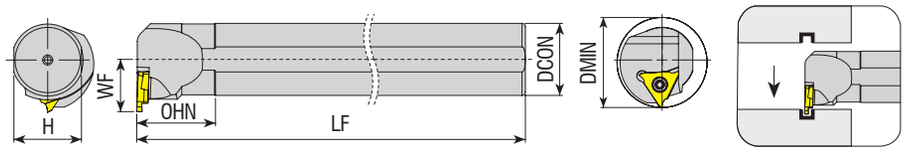
PLBT Ucuna Uygundur. / Compatible with PLBT Insert. / Kompatibel mit PLBT Wendeplatten.



Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok *Stock* *Lager* L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON	DMIN	LF	OHN	CDX	H	WF	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube*	Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel*
AIKT-TG-R/L-20-2-T6	●	○	20	28	160	28	6	18.3	15.8	DGM2-020	2503-M4x10	AAL-03-3
AIKT-TG-R/L-20-3-T6	●	○	20	28	160	28	6	18.3	15.8	DTX3-030	2504-M5x12	AAL-05-4
AIKT-TG-R/L-25-3-T8	●	○	25	35	200	28	8	23	21.5		2504-M5x16	
AIKT-TG-R/L-32-3-T10	●	○	32	43	250	50	10	30	27		2004-M8x1x20	
AIKT-TG-R/L-32-3-T12	●	○	32	45	250	50	12	30	27			
AIKT-TG-R/L-32-4-T10	●	○	32	43	250	50	10	30	27	DTX4-040		
AIKT-TG-R/L-32-5-T10	●	○	32	43	250	50	10	30	27	DTX5-040		

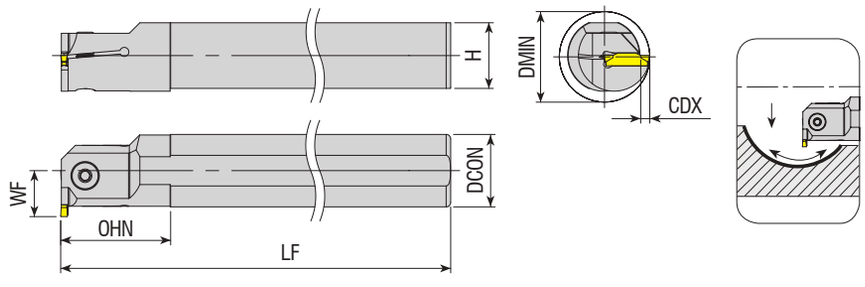
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
TNGLY Ucuna Uygundur. / Compatible with TNGLY Insert. / *Kompatibel mit TNGLY Wendeplatten.*

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AIKT-GP-R-20-2-T4



Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON	DMIN	LF	OHN	CDX	H	WF	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube*	Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel*
AIKT-QC11-R/L-20-(0.5-1.8)	●	○	20	16	150	40	-	18.3	11.1	**QC11R/L (0.50-1.80)**	3008 M2.5x6	82-T08
AIKT-QC16-R/L-20-(0.5-1.8)	○	○	20	25	150	35	-	18.3	13.5	**QC16R/L (0.50-1.80)**	4015-M3.5x10	80-T15
AIKT-QC16-R/L-20-(0.5-2.5)	●	○	20	25	150	35	-	18.3	13.5	**QC16R/L (0.50-2.50)**		
AIKT-QC22-R/L-25-(1-2.3)	○	○	25	35	150	35	-	23	18.2	**QC22R/L (1.00-2.30)**	1020 M5x11	80-T20
AIKT-QC22-R/L-25-(2.5-3.3)	●	○	25	35	150	35	-	23	18.2	**QC22R/L (2.50-3.30)**		
AIKT-QC22-R/L-25-(3.3-4.8)	●	○	25	35	150	35	-	23	18.2	**QC22R/L (3.30-4.80)**		
AIKT-QC22-R/L-32-(1-2.3)	○	○	32	45	150	35	-	30	23.2	**QC22R/L (1.00-2.30)**		

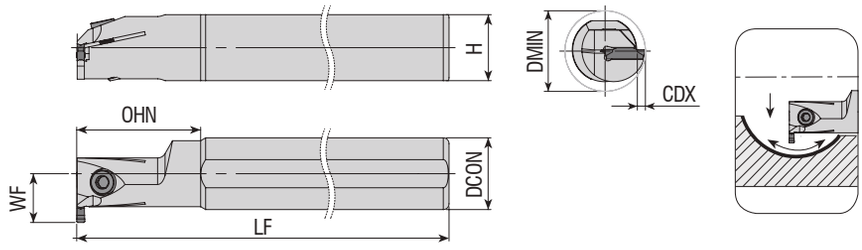
ZCC Ucuna Uygundur. / Compatible with ZCC Insert. / Kompatibel mit ZCC Wendeplatten.



Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON	DMIN	LF	OHN	CDX	H	WF	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube*	Anahtar *Allen Key* Innensechskantschlüssel
AIKT-ZCC2-R/L-16-2-T4	●	○	16	21	150	28	4	14.8	12	**Z.BD - 2**	2503-M4x10	AAL-03-3
AIKT-ZCC2-R/L-20-3-T5	●	●	20	27	170	30	5	18.3	15	**Z.FD - 3**	2504-M5x12	AAL-05-4
AIKT-ZCC2-R/L-20-3-T8	●	○	20	29	170	30	8	18.3	18			
AIKT-ZCC2-R/L-25-3-T5	●	○	25	31	200	40	5	23	17.5		2504-M5x16	
AIKT-ZCC2-R/L-25-3-T10	●	○	25	36	200	40	10	23	22.5		2004-M8x1x20	
AIKT-ZCC2-R/L-32-3-T6	●	○	32	39	250	50	6	30	22			
AIKT-ZCC2-R/L-32-3-T8	●	○	32	41	250	50	8	30	24			
AIKT-ZCC2-R/L-32-3-T13	●	○	32	46	250	50	13	30	29		2504-M5x12	
AIKT-ZCC2-R/L-40-3-T12	●	○	40	53	300	55	12	37.5	32			
AIKT-ZCC2-R/L-25-4-T6	●	○	25	32	200	40	6	23	18.5	**Z.GD - 4**	2504-M5x16	
AIKT-ZCC2-R/L-32-4-T7	●	○	32	40	250	50	7	30	23		2004-M8x1x20	
AIKT-ZCC2-R/L-32-4-T8	●	○	32	41	250	50	8	30	24			
AIKT-ZCC2-R/L-32-4-T10	●	○	32	43	250	50	10	30	26			
AIKT-ZCC2-R/L-32-5-T7	●	○	32	40	250	50	7	30	23	**Z.HD - 5**		
AIKT-ZCC2-R/L-32-5-T8	●	○	32	41	250	50	8	30	24			
AIKT-ZCC2-R/L-40-5-T8	●	○	40	49	300	55	8	37.5	28			
AIKT-ZCC2-R/L-40-5-T10	●	○	40	51	300	55	10	37.5	30			

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

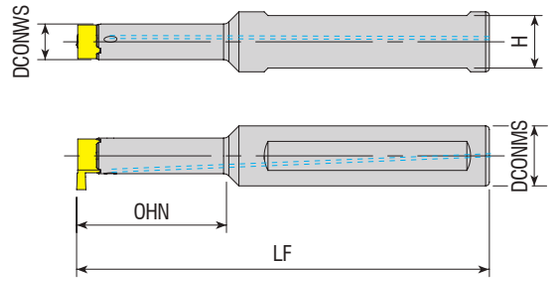
Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AIKT-QC11-R-20-(0.5-1.8)



Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager* R	Stok *Stock* *Lager* L	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCON	DMIN	LF	OHN	CDX	H	WF	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube*	Anahtar *Allen Key* Innensechskantschlüssel
AIKT-SGC-R/L-25-3-T6	●	○	25	32	200	40	6	23	18.5	**GCM N30**	2504-M5x16	AAL-05-4
AIKT-SGC-R/L-32-3-T6	●	○	32	39	250	50	6	30	22		2004-M8x1x20	
AIKT-SGC-R/L-40-3-T6	●	○	40	47	300	55	6	37.5	26			

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

MİNİ KANAL KATERİ
MINI GROOVING TOOL
MINI - STECHWERKZEUG



Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager*	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DCONMS	DCONWS	LF	OHN	H	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Klemmschraube*	Tork Anahtar *Torx Key* *Torx Innensechskantschlüssel*
AIKT-MB07-A16-090-15	●	16	7.4	90	15	14	**MB - 07**	4008-M3x8	82-T08
AIKT-MB07-A16-090-22	●	16	7.4	90	22	14			
AIKT-MB09-A16-090-19	●	16	9.5	90	19	14	**MB - 09**	4015-M4x11	80-T15
AIKT-MB09-A16-095-28	●	16	9.5	95	28	14			
AIKT-MB09-A16-110-40	●	16	9.5	110	40	14			

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

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück AIKT-SGC-R-25-3-T6

konuşulan
the spoken kalite...
quality...

AKKO®

DELİK DELME ve İŞLEME TAKIMLARI

DRILLING and HOLEMAKING TOOLS

BOHRWERKZEUGE

AKKO®

konuşulan
the spoken kalite...
quality...

U-DRILL

TAKMA UÇLU MATKAPLAR
U-DRILL SYSTEM
VOLLBOHRER

www.akko.com.tr

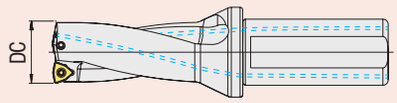
AKKO A	TUM	16	x	D3
1	2	3		4

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

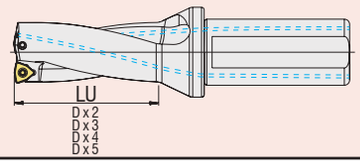
2 Kesici Stili / *Cutter Style* *Werkzeugtyp*

TUM: Takma Uçlu Matkap
U-Drill
Vollbohrer

3 Takım Çapı / *Tool Diameter* / *Werkzeugdurchmesser*



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



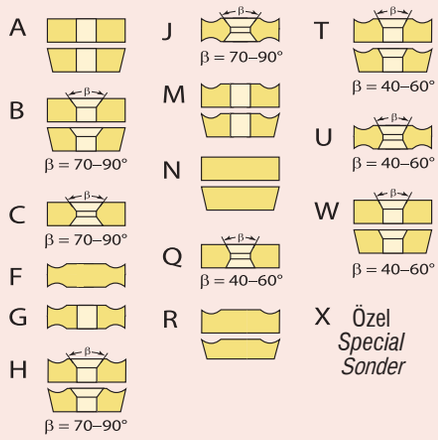
5 Uç Şekli / *Insert Form* *Plattenform*

W	S

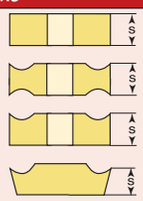
6 Serbest Uç Açısı / *Clearance angle of Insert* *Freiwinkel der Wendeschneidplatte*

C	P

8 Uç Tipi / *Insert Type* *Plattentyp*

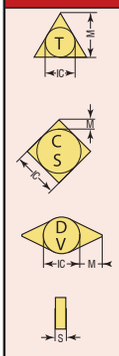


10 Kalınlık / *Thickness* *Dicke*



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

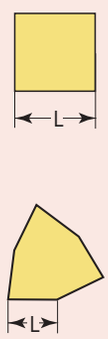
7 Toleranslar / *Tolerance Classes* / *Toleranzen*



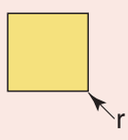
	IC	M	S
A	± 0.025	± 0.005	± 0.025
C	± 0.025	± 0.013	± 0.025
E	± 0.025	± 0.025	± 0.025
F	± 0.013	± 0.005	± 0.025
G	± 0.025	± 0.025	± 0.130
H	± 0.013	± 0.013	± 0.025
J	± 0.05–0.1 5	± 0.005	± 0.025
K	± 0.05–0.1 5	± 0.013	± 0.025
L	± 0.05–0.1 5	± 0.025	± 0.025
M	± 0.05–0.1 5	± 0.08–0.20	± 0.130
N	± 0.05–0.1 5	± 0.08–0.20	± 0.025
U	± 0.08–0.2 5	± 0.13 –0.38	± 0.130

IC : Daire Ölçüsü / Inscribed Circle /*Kreisgröße*
M : Şekle Göre / Refer to Figure / *Siehe Abbildung*
S : Kalınlık / Thickness / Dicke

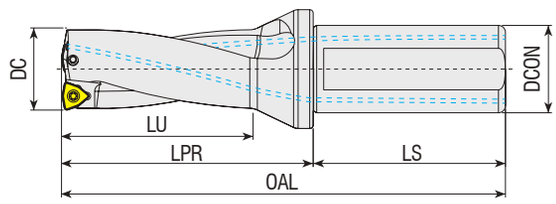
9 Kesme Kenar Uzunluğu / *Cutting Edge Length* *Schneidkantenlänge*

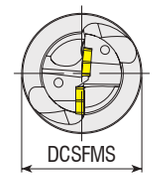


11 Köşe Konfigürasyonu / *Corner Radius* *Eckenradius*



01	r = 0. 1
02	r = 0. 2
04	r = 0. 4
08	r = 0. 8
12	r = 1. 2
16	r = 1. 6
24	r = 2. 4



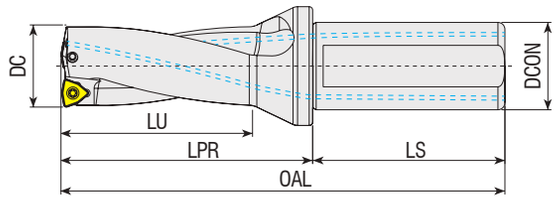


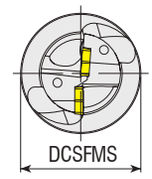
Delme Derinliği = 2x Çap
Drilling Depth = 2x Diameter
Bohrtiefe = 2x Durchmesser

Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager*	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)*							Maks. Ofset (radyal) *Max. Offset (radial)* *Max. Versatz (radial)*		Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube*	Tork Anahtar *Torx Key* *Torx-Schlüssel*
		DC	DCON	DCSFMS	OAL	LU	LPR	LS	X_{max} [mm]	DC_{max} [mm]			
ATUM 16XD2 WCM. 030208	●	16	25	34	110	32	54	56	1.5	19			
ATUM 16.5XD2 WCM. 030208	●	16.5	25	34	110	32	54	56	1.5	19.5			
ATUM 17XD2 WCM. 030208	●	17	25	34	112	34	56	56	1.5	20			
ATUM 17.5XD2 WCM 030208	●	17.5	25	34	112	34	56	56	1.5	20.5			
ATUM 18XD2 WCM. 030208	●	18	25	34	114	36	58	56	1.4	20.8	WCM. 030208		
ATUM 18.5XD2 WCM. 030208	●	18.5	25	34	114	36	58	56	1.3	21.1			
ATUM 19XD2 WCM. 030208	●	19	25	34	116	38	60	56	1.2	21.4			
ATUM 19.5XD2 WCM. 030208	●	19.5	25	34	116	38	60	56	1.2	21.9		3008-M2.5x6	82-T08
ATUM 20XD2 WCM. 040208	●	20	25	34	118	40	62	56	1.5	23			
ATUM 20.5XD2 WCM. 040208	●	20.5	25	34	118	40	62	56	1.5	23.5			
ATUM 21XD2 WCM. 040208	●	21	25	34	120	42	64	56	1	23			
ATUM 21.5XD2 WCM. 040208	●	21.5	25	34	120	42	64	56	1	23.5	WCM. 040208		
ATUM 22XD2 WCM. 040208	●	22	25	34	122	44	66	56	1	24			
ATUM 22.5XD2 WCM. 040208	●	22.5	25	34	122	44	66	56	1	24.5			
ATUM 23XD2 WCM. 040208	●	23	25	34	124	46	68	56	1	25			
ATUM 23.5XD2 WCM. 040208	●	23.5	25	34	124	46	68	56	1	25.5			
ATUM 24XD2 WCM. 050308	●	24	25	34	126	48	70	56	1.4	26.8			
ATUM 24.5XD2 WCM. 050308	●	24.5	25	34	126	48	70	56	1.4	27.3			
ATUM 25XD2 WCM. 050308	●	25	25	34	128	50	72	56	1.45	27.9			
ATUM 25.5XD2 WCM. 050308	●	25.5	25	34	128	50	72	56	1.45	28.4			
ATUM 26XD2 WCM. 050308	●	26	25	34	130	52	74	56	1.45	28.9			
ATUM 26.5XD2 WCM. 050308	●	26.5	25	34	130	52	74	56	1.45	29.4			
ATUM 27XD2 WCM. 050308	●	27	25	34	132	54	76	56	1.45	29.9	WCM. 050308	3008-M3x8	
ATUM 27.5XD2 WCM. 050308	●	27.5	25	34	132	54	76	56	1.45	30.4			
ATUM 28XD2 WCM. 050308	●	28	25	34	134	56	78	56	1.6	31.2			
ATUM 28.5XD2 WCM. 050308	●	28.5	25	34	134	56	78	56	1.6	31.7			
ATUM 29XD2 WCM. 050308	●	29	25	34	136	58	80	56	1.65	32.3			
ATUM 29.5XD2 WCM. 050308	●	29.5	25	34	136	58	80	56	1.65	32.8			

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

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ATUM 16XD2 WCM. 030208
Takma Uçlu Matkap Kullanım Kılavuzu : S 375 / *User's Guide For U-Drills : P 375*
Bedienungsanleitung für Vollbohrer : S 375





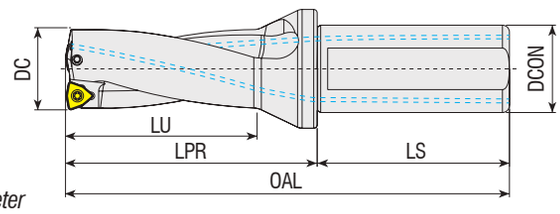
Delme Derinliği = 2x Çap
Drilling Depth = 2x Diameter
Bohrtiefe = 2x Durchmesser

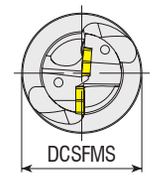
Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager*	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)*							Maks. Ofset (radyal) *Max. Offset (radial)* *Max. Versatz (radial)*		Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube*	Tork Anahtar *Torx Key* *Torx-Schlüssel*
		DC	DCON	DCSFMS	OAL	LU	LPR	LS	X_{max}[mm]	DC_{max}[mm]			
ATUM 30XD2 WCM. 06T308	●	30	32	44	147	60	87	60	2.4	34.8	WCM. 06T308	3010-M3.5x9	82-T10
ATUM 31XD2 WCM. 06T308	●	31	32	44	149	62	89	60	2.3	35.6			
ATUM 32XD2 WCM. 06T308	●	32	32	44	151	64	91	60	2.1	36.2			
ATUM 33XD2 WCM. 06T308	●	33	32	44	153	66	93	60	1.9	36.8			
ATUM 34XD2 WCM. 06T308	●	34	32	44	155	68	95	60	1.9	37.8			
ATUM 35XD2 WCM. 06T308	●	35	32	44	157	70	97	60	1.9	38.8			
ATUM 36XD2 WCM. 06T308	●	36	32	44	159	72	99	60	2	40			
ATUM 37XD2 WCM. 06T308	●	37	32	44	161	74	101	60	1.8	40.6			
ATUM 38XD2 WCM. 06T308	●	38	32	44	163	76	103	60	1.5	41			
ATUM 39XD2 WCM. 06T308	●	39	32	44	165	78	105	60	1.3	41.6			
ATUM 40XD2 WCM. 06T308	●	40	32	44	167	80	107	60	1	42			
ATUM 41XD2 WCM. 06T308	●	41	32	44	169	82	109	60	0.8	42.6			
ATUM 42XD2 WCM. 06T308	●	42	32	44	171	84	111	60	0.5	43			
ATUM 43XD2 WCM. 06T308	●	43	32	44	173	86	113	60	0.3	43.6			
ATUM 44XD2 WCM. 06T308	●	44	32	44	175	88	115	60	0	44			
ATUM 45XD2 WCM. 080412	●	45	40	54	192	90	122	70	3.3	51.6	WCM. 080412	4015-M4x11	80-T15
ATUM 46XD2 WCM. 080412	●	46	40	54	194	92	124	70	3	52			
ATUM 47XD2 WCM. 080412	●	47	40	54	196	94	126	70	2.8	52.6			
ATUM 48XD2 WCM. 080412	●	48	40	54	198	96	128	70	2.5	53			
ATUM 49XD2 WCM. 080412	●	49	40	54	200	98	130	70	2.2	53.4			
ATUM 50XD2 WCM. 080412	●	50	40	54	202	100	132	70	2	54			
ATUM 51XD2 WCM. 080412	●	51	40	54	204	102	134	70	1.8	54.6			
ATUM 52XD2 WCM. 080412	●	52	40	54	206	104	136	70	1.5	55			
ATUM 53XD2 WCM. 080412	●	53	40	54	208	106	138	70	1.3	55.6			
ATUM 54XD2 WCM. 080412	●	54	40	54	210	108	140	70	1	56			
ATUM 55XD2 WCM. 080412	●	55	40	54	212	110	142	70	0.8	56.6			
ATUM 56XD2 WCM. 080412	●	56	40	64	214	112	144	70	0.5	57			
ATUM 57XD2 WCM. 080412	●	57	40	64	216	114	146	70	0.3	57.6			
ATUM 58XD2 WCM. 080412	●	58	40	64	218	116	148	70	0	58			
ATUM 59XD2 WCM. 080412	●	59	40	64	220	118	150	70	0	59			
ATUM 60XD2 WCM. 080412	●	60	40	64	222	120	152	70	0	60			

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

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

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



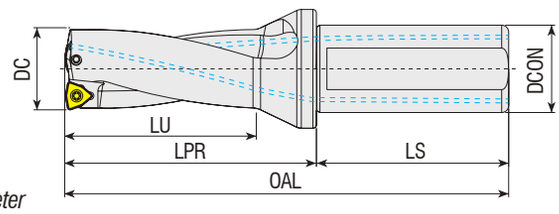


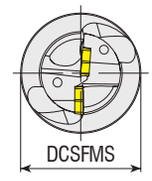
Delme Derinliği = 3x Çap
Drilling Depth = 3x Diameter
Bohrtiefe = 3x Durchmesser

Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager*	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DC	DCON	DCSFMS	OAL	LU	LPR	LS	Maks. Ofset (radyal) *Max. Offset (radial)* *Max. Versatz (radial)* X_{max}[mm]	DC_{max}[mm]	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube*	Tork Anahtar *Torx Key* *Torx-Schlüssel*
ATUM 16XD3 WCM. 030208	●	16	25	34	126	48	70	56	1.5	19	WCM. 030208	3008-M2.5x6	82-T08
ATUM 16.5XD3 WCM. 030208	●	16.5	25	34	126	48	70	56	1.5	19.5			
ATUM 17XD3 WCM. 030208	●	17	25	34	129	51	73	56	1.5	20			
ATUM 17.5XD3 WCM. 030208	●	17.5	25	34	129	51	73	56	1.5	20.5			
ATUM 18XD3 WCM. 030208	●	18	25	34	132	54	76	56	1.4	20.8			
ATUM 18.5XD3 WCM. 030208	●	18.5	25	34	132	54	76	56	1.3	21.1			
ATUM 19XD3 WCM. 030208	●	19	25	34	135	57	79	56	1.2	21.4			
ATUM 19.5XD3 WCM. 030208	●	19.5	25	34	135	57	79	56	1.2	21.9			
ATUM 20XD3 WCM. 040208	●	20	25	34	138	60	82	56	1.5	23	WCM. 040208		
ATUM 20.5XD3 WCM. 040208	●	20.5	25	34	138	60	82	56	1.5	23.5			
ATUM 21XD3 WCM. 040208	●	21	25	34	141	63	85	56	1	23			
ATUM 21.5XD3 WCM. 040208	●	21.5	25	34	141	63	85	56	1	23.5			
ATUM 22XD3 WCM. 040208	●	22	25	34	144	66	88	56	1	24			
ATUM 22.5XD3 WCM. 040208	●	22.5	25	34	144	66	88	56	1	24.5			
ATUM 23XD3 WCM. 040208	●	23	25	34	147	69	91	56	1	25			
ATUM 23.5XD3 WCM. 040208	●	23.5	25	34	147	69	91	56	1	25.5			
ATUM 24XD3 WCM. 050308	●	24	25	34	150	72	94	56	1.4	26.8	WCM. 050308	3008-M3x8	
ATUM 24.5XD3 WCM. 050308	●	24.5	25	34	150	72	94	56	1.4	27.3			
ATUM 25XD3 WCM. 050308	●	25	25	34	153	75	97	56	1.45	27.9			
ATUM 25.5XD3 WCM. 050308	●	25.5	25	34	153	75	97	56	1.45	28.4			
ATUM 26XD3 WCM. 050308	●	26	25	34	156	78	100	56	1.45	28.9			
ATUM 26.5XD3 WCM. 050308	●	26.5	25	34	156	78	100	56	1.45	29.4			
ATUM 27XD3 WCM. 050308	●	27	25	34	159	81	103	56	1.45	29.9			
ATUM 27.5XD3 WCM. 050308	●	27.5	25	34	159	81	103	56	1.45	30.4			
ATUM 28XD3 WCM. 050308	●	28	25	34	162	84	106	56	1.6	31.2			
ATUM 28.5XD3 WCM. 050308	●	28.5	25	34	162	84	106	56	1.6	31.7			
ATUM 29XD3 WCM. 050308	●	29	25	34	165	87	109	56	1.65	32.3			
ATUM 29.5XD3 WCM. 050308	●	29.5	25	34	165	87	109	56	1.65	32.8			
ATUM 30XD3 WCM. 06T308	●	30	32	44	177	90	117	60	2.4	34.8	WCM. 06T308	3010-M3.5x9	82-T10
ATUM 30.5XD3 WCM. 06T308	●	30.5	32	44	177	90	117	60	2.4	35.3			
ATUM 31XD3 WCM. 06T308	●	31	32	44	180	93	120	60	2.3	35.6			
ATUM 31.5XD3 WCM. 06T308	●	31.5	32	44	180	93	120	60	2.3	36.1			
ATUM 32XD3 WCM. 06T308	●	32	32	44	183	96	123	60	2.1	36.2			
ATUM 32.5XD3 WCM. 06T308	●	32.5	32	44	183	96	123	60	2.1	36.7			
ATUM 33XD3 WCM. 06T308	●	33	32	44	186	99	126	60	1.9	36.8			
ATUM 33.5XD3 WCM. 06T308	●	33.5	32	44	186	99	126	60	1.9	37.3			
ATUM 34XD3 WCM. 06T308	●	34	32	44	189	102	129	60	1.9	37.8			
ATUM 34.5XD3 WCM. 06T308	●	34.5	32	44	189	102	129	60	1.9	38.3			

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

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ATUM 16XD3 WCM. 030208
Takma Uçlu Matkap Kullanım Kılavuzu : S 375 / *User's Guide For U-Drills : P 375*
Bedienungsanleitung für Vollbohrer : S 375



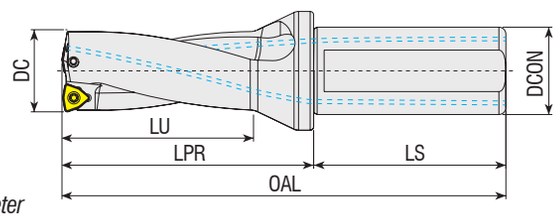


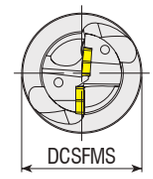
Delme Derinliği = 3x Çap
Drilling Depth = 3x Diameter
Bohrtiefe = 3x Durchmesser

Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager*	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DC	DCON	DCSFMS	OAL	LU	LPR	LS	Maks. Ofset (radyal) *Max. Offset (radial)* *Max. Versatz (radial)* X_{max}[mm]	DC_{max}[mm]	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube*	Tork Anahtar *Torx Key* *Torx-Schlüssel*
ATUM 35XD3 WCM. 06T308	●	35	32	44	192	105	132	60	1.9	38.8	WCM. 06T308	3010-M3.5x9	82-T10
ATUM 35.5XD3 WCM. 06T308	●	35.5	32	44	192	105	132	60	1.9	39.3			
ATUM 36XD3 WCM. 06T308	●	36	32	44	195	108	135	60	2	40			
ATUM 36.5XD3 WCM. 06T308	●	36.5	32	44	195	108	135	60	2	40.5			
ATUM 37XD3 WCM. 06T308	●	37	32	44	198	111	138	60	1.8	40.6			
ATUM 37.5XD3 WCM. 06T308	●	37.5	32	44	198	111	138	60	1.8	41.1			
ATUM 38XD3 WCM. 06T308	●	38	32	44	201	114	141	60	1.5	41			
ATUM 38.5XD3 WCM. 06T308	●	38.5	32	44	201	114	141	60	1.5	41.5			
ATUM 39XD3 WCM. 06T308	●	39	32	44	204	117	144	60	1.3	41.6			
ATUM 39.5XD3 WCM. 06T308	●	39.5	32	44	204	117	144	60	1.3	42.1			
ATUM 40XD3 WCM. 06T308	●	40	32	44	207	120	147	60	1	42			
ATUM 40.5XD3 WCM. 06T308	●	40.5	32	44	207	120	147	60	1	42.5			
ATUM 41XD3 WCM. 06T308	●	41	32	44	210	123	150	60	0.8	42.6			
ATUM 41.5XD3 WCM. 06T308	●	41.5	32	44	210	123	150	60	0.8	43.1			
ATUM 42XD3 WCM. 06T308	●	42	32	44	213	126	153	60	0.5	43			
ATUM 42.5XD3 WCM. 06T308	●	42.5	32	44	213	126	153	60	0.5	43.5			
ATUM 43XD3 WCM. 06T308	●	43	32	44	216	129	156	60	0.3	43.6			
ATUM 43.5XD3 WCM. 06T308	●	43.5	32	44	216	129	156	60	0.3	44.1			
ATUM 44XD3 WCM. 06T308	●	44	32	44	219	132	159	60	0	44			
ATUM 44.5XD3 WCM. 06T308	●	44.5	32	44	219	132	159	60	0	44.5			
ATUM 45XD3 WCM. 080412	●	45	40	54	237	135	167	70	3.3	51.6	WCM. 080412	4015-M4x11	80-T15
ATUM 45.5XD3 WCM. 080412	●	45.5	40	54	237	135	167	70	3.3	52.1			
ATUM 46XD3 WCM. 080412	●	46	40	54	240	138	170	70	3	52			
ATUM 47XD3 WCM. 080412	●	47	40	54	243	141	173	70	2.8	52.6			
ATUM 48XD3 WCM. 080412	●	48	40	54	246	144	176	70	2.5	53			
ATUM 49XD3 WCM. 080412	●	49	40	54	249	147	179	70	2.2	53.4			
ATUM 50XD3 WCM. 080412	●	50	40	54	252	150	182	70	2	54			
ATUM 51XD3 WCM. 080412	●	51	40	54	255	153	185	70	1.8	54.6			
ATUM 52XD3 WCM. 080412	●	52	40	54	258	156	188	70	1.5	55			
ATUM 53XD3 WCM. 080412	●	53	40	54	261	159	191	70	1.3	55.6			
ATUM 54XD3 WCM. 080412	●	54	40	54	264	162	194	70	1	56			
ATUM 55XD3 WCM. 080412	●	55	40	54	267	165	197	70	0.8	56.6			
ATUM 56XD3 WCM. 080412	●	56	40	64	270	168	200	70	0.5	57			
ATUM 57XD3 WCM. 080412	●	57	40	64	273	171	203	70	0.3	57.6			
ATUM 58XD3 WCM. 080412	●	58	40	64	276	174	206	70	0	58			
ATUM 59XD3 WCM. 080412	●	59	40	64	279	177	209	70	0	59			
ATUM 60XD3 WCM. 080412	●	60	40	64	282	180	212	70	0	60			

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

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ATUM 35XD3 WCM. 06T308
Takma Uçlu Matkap Kullanım Kılavuzu : S 375 / *User's Guide For U-Drills : P 375*
Bedienungsanleitung für Vollbohrer : S 375





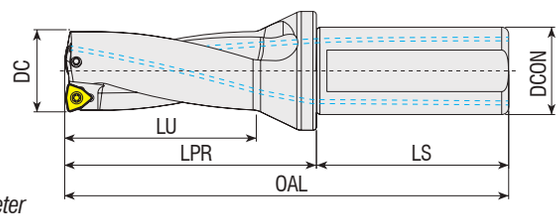
Delme Derinliği = 4x Çap
Drilling Depth = 4x Diameter
Bohrtiefe = 4x Durchmesser

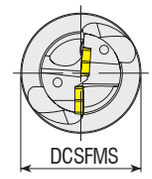
Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager*	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DC	DCON	DCSFMS	OAL	LU	LPR	LS	Maks. Ofset (radyal) *Max. Offset (radial)* *Max. Versatz (radial)* X_{max}[mm]	DC_{max}[mm]	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube*	Tork Anahtar *Torx Key* *Torx-Schlüssel*
ATUM 16XD4 WCM. 030208	●	16	25	34	142	64	86	56	1.5	19	WCM. 030208	3008-M2.5x6	82-T08
ATUM 16.5XD4 WCM. 030208	○	16.5	25	34	142	64	86	56	1.5	19.5			
ATUM 17XD4 WCM. 030208	●	17	25	34	146	68	90	56	1.5	20			
ATUM 17.5XD4 WCM. 030208	●	17.5	25	34	146	68	90	56	1.5	20.5			
ATUM 18XD4 WCM. 030208	●	18	25	34	150	72	94	56	1.4	20.8			
ATUM 18.5XD4 WCM. 030208	○	18.5	25	34	150	72	94	56	1.3	21.1			
ATUM 19XD4 WCM. 030208	●	19	25	34	154	76	98	56	1.2	21.4			
ATUM 19.5XD4 WCM. 030208	○	19.5	25	34	154	76	98	56	1.2	21.9			
ATUM 20XD4 WCM. 040208	●	20	25	34	158	80	102	56	1.5	23	WCM. 040208		
ATUM 20.5XD4 WCM. 040208	○	20.5	25	34	158	80	102	56	1.5	23.5			
ATUM 21XD4 WCM. 040208	●	21	25	34	162	84	106	56	1	23			
ATUM 21.5XD4 WCM. 040208	○	21.5	25	34	162	84	106	56	1	23.5			
ATUM 22XD4 WCM. 040208	●	22	25	34	166	88	110	56	1	24			
ATUM 22.5XD4 WCM. 040208	●	22.5	25	34	166	88	110	56	1	24.5			
ATUM 23XD4 WCM. 040208	●	23	25	34	170	92	114	56	1	25			
ATUM 23.5XD4 WCM. 040208	○	23.5	25	34	170	92	114	56	1	25.5			
ATUM 24XD4 WCM. 050308	●	24	25	34	174	96	118	56	1.4	26.8	WCM. 050308	3008-M3x8	
ATUM 24.5XD4 WCM. 050308	○	24.5	25	34	174	96	118	56	1.4	27.3			
ATUM 25XD4 WCM. 050308	●	25	25	34	178	100	122	56	1.45	27.9			
ATUM 25.5XD4 WCM. 050308	○	25.5	25	34	178	100	122	56	1.45	28.4			
ATUM 26XD4 WCM. 050308	●	26	25	34	182	104	126	56	1.45	28.9			
ATUM 26.5XD4 WCM. 050308	●	26.5	25	34	182	104	126	56	1.45	29.4			
ATUM 27XD4 WCM. 050308	●	27	25	34	186	108	130	56	1.45	29.9			
ATUM 27.5XD4 WCM. 050308	○	27.5	25	34	186	108	130	56	1.45	30.4			
ATUM 28XD4 WCM. 050308	●	28	25	34	190	112	134	56	1.6	31.2			
ATUM 28.5XD4 WCM. 050308	●	28.5	25	34	190	112	134	56	1.6	31.7			
ATUM 29XD4 WCM. 050308	●	29	25	34	194	116	138	56	1.65	32.3			
ATUM 29.5XD4 WCM. 050308	○	29.5	25	34	194	116	138	56	1.65	32.8			

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

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

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



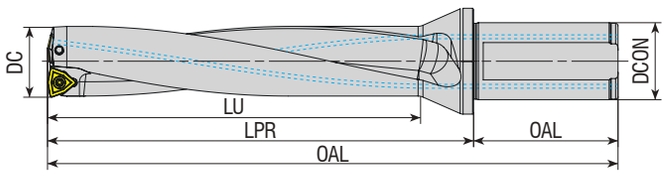


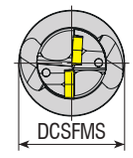
Delme Derinliği = 4x Çap
Drilling Depth = 4x Diameter
Bohrtiefe = 4x Durchmesser

Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager*	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)*							Maks. Ofset (radyal) *Max. Offset (radial)* *Max. Versatz (radial)*		Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube*	Tork Anahtar *Torx Key* *Torx-Schlüssel*
		DC	DCON	DCSFMS	OAL	LU	LPR	LS	X_{max}[mm]	DC_{max}[mm]			
ATUM 30XD4 WCM. 06T308	●	30	32	44	207	120	147	60	2.4	34.8	WCM. 06T308	3010-M3.5x9	82-T10
ATUM 31XD4 WCM. 06T308	●	31	32	44	211	124	151	60	2.3	35.6			
ATUM 32XD4 WCM. 06T308	●	32	32	44	215	128	155	60	2.1	36.2			
ATUM 33XD4 WCM. 06T308	●	33	32	44	219	132	159	60	1.9	36.8			
ATUM 33.5XD4 WCM. 06T308	●	33.5	32	44	219	132	159	60	1.9	37.3			
ATUM 34XD4 WCM. 06T308	●	34	32	44	223	136	163	60	1.9	37.8			
ATUM 35XD4 WCM. 06T308	●	35	32	44	227	140	167	60	1.9	38.8			
ATUM 36XD4 WCM. 06T308	●	36	32	44	231	144	171	60	2	40			
ATUM 37XD4 WCM. 06T308	●	37	32	44	235	148	175	60	1.8	40.6			
ATUM 38XD4 WCM. 06T308	●	38	32	44	239	152	179	60	1.5	41			
ATUM 38.5XD4 WCM. 06T308	●	38.5	32	44	239	152	179	60	1.5	41.5			
ATUM 39XD4 WCM. 06T308	●	39	32	44	243	156	183	60	1.3	41.6			
ATUM 40XD4 WCM. 06T308	●	40	32	44	247	160	187	60	1	42			
ATUM 41XD4 WCM. 06T308	●	41	32	44	251	164	191	60	0.8	42.6			
ATUM 42XD4 WCM. 06T308	●	42	32	44	255	168	195	60	0.5	43			
ATUM 43XD4 WCM. 06T308	●	43	32	44	259	172	199	60	0.3	43.6			
ATUM 44XD4 WCM. 06T308	●	44	32	44	263	176	203	60	0	44			
ATUM 45XD4 WCM. 080412	●	45	40	54	282	180	212	70	3.3	51.6	WCM. 080412	4015-M4x11	80-T15
ATUM 46XD4 WCM. 080412	●	46	40	54	286	184	216	70	3	52			
ATUM 47XD4 WCM. 080412	●	47	40	54	290	188	220	70	2.8	52.6			
ATUM 48XD4 WCM. 080412	●	48	40	54	294	192	224	70	2.5	53			
ATUM 49XD4 WCM. 080412	●	49	40	54	298	196	228	70	2.2	53.4			
ATUM 50XD4 WCM. 080412	●	50	40	54	302	200	232	70	2	54			

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

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ATUM 30XD4 WCM. 06T308
Takma Uçlu Matkap Kullanım Kılavuzu : S 375 / *User's Guide For U-Drills : P 375*
Bedienungsanleitung für Vollbohrer : S 375





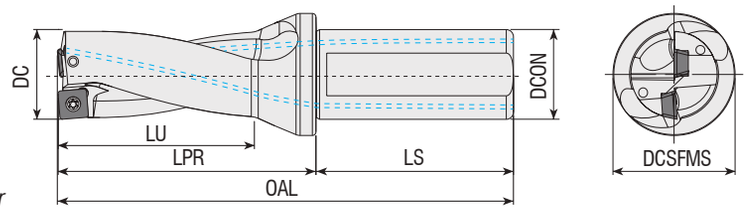
Delme Derinliği = 5x Çap
Drilling Depth = 5x Diameter
Bohrtiefe = 5x Durchmesser

Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager*	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DC	DCON	DCSFMS	OAL	LU	LPR	LS	Maks. Ofset (radyal) *Max. Offset (radial)* *Max. Versatz (radial)* X_{max}[mm]	DC_{max}[mm]	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube*	Tork Anahtar *Torx Key* *Torx-Schlüssel*
ATUM 20XD5 WCM. 040208	●	20	25	34	178	100	122	56	1.5	23	WCM. 040208	3008-M2.5x6	82-T08
ATUM 21XD5 WCM. 040208	●	21	25	34	183	105	127	56	1	23			
ATUM 22XD5 WCM. 040208	●	22	25	34	188	110	132	56	1	24			
ATUM 23XD5 WCM. 040208	●	23	25	34	193	115	137	56	1	25			
ATUM 24XD5 WCM. 050308	●	24	25	34	198	120	142	56	1.4	26.8	WCM. 050308	3008-M3x8	
ATUM 25XD5 WCM. 050308	●	25	25	34	203	125	147	56	1.45	27.9			
ATUM 26XD5 WCM. 050308	●	26	25	34	208	130	152	56	1.45	28.9			
ATUM 27XD5 WCM. 050308	●	27	25	34	213	135	157	56	1.45	29.9			
ATUM 28XD5 WCM. 050308	●	28	25	34	218	140	162	56	1.6	31.2			
ATUM 29XD5 WCM. 050308	●	29	25	34	223	145	167	56	1.65	32.3			
ATUM 30XD5 WCM. 06T308	●	30	32	44	237	150	177	60	2.4	34.8	WCM. 06T308	3010-M3.5x9	82-T10
ATUM 31XD5 WCM. 06T308	●	31	32	44	242	155	182	60	2.3	35.6			
ATUM 32XD5 WCM. 06T308	●	32	32	44	247	160	187	60	2.1	36.2			
ATUM 33XD5 WCM. 06T308	●	33	32	44	252	165	192	60	1.9	36.8			
ATUM 34XD5 WCM. 06T308	●	34	32	44	257	170	197	60	1.9	37.8			
ATUM 35XD5 WCM. 06T308	●	35	32	44	262	175	202	60	1.9	38.8			
ATUM 37XD5 WCM. 06T308	●	37	32	44	272	185	212	60	1.8	40.6			
ATUM 38XD5 WCM. 06T308	●	38	32	44	277	190	217	60	1.5	41			
ATUM 46XD5 WCM. 080412	●	46	40	54	332	230	262	70	3	52	WCM. 080412	4015-M4x11	80-T15

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

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ATUM 20XD5 WCM. 040208
Takma Uçlu Matkap Kullanım Kılavuzu : S 375 / *User's Guide For U-Drills : P 375*
Bedienungsanleitung für Vollbohrer : S 375

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



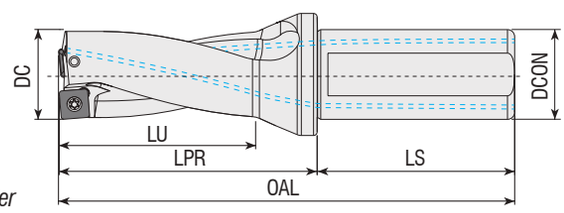
Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager*	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DC	DCON	DCSFMS	OAL	LU	LPR	LS	Maks. Ofset (radyal) *Max. Offset (radial)* *Max. Versatz (radial)* X_{max}[mm]	DC_{max}[mm]	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube*	Tork Anahtar *Torx Key* *Torx-Schlüssel*
ATUM 12.5XD2 SP.. 050204	●	12.5	20	25	96	24	46	50	0.75	14	SP.. 050204	3006-M2x4	82-T06
ATUM 13XD2 SP.. 050204	●	13	20	25	98	26	48	50	0.75	14.5			
ATUM 13.5XD2 SP.. 050204	●	13.5	20	25	98	26	48	50	0.75	15			
ATUM 14XD2 SP.. 050204	●	14	20	25	100	28	50	50	0.6	15.2			
ATUM 14.5XD2 SP.. 050204	●	14.5	20	25	100	28	50	50	0.6	15.7			
ATUM 15XD2 SP.. 050204	●	15	20	25	102	30	52	50	0.5	16			
ATUM 15.5XD2 SP.. 060204	●	15.5	20	25	102	30	52	50	0.9	17.3	SP.. 060204	3007-M2.2x4.6	82-T07
ATUM 16XD2 SP.. 060204	●	16	25	34	110	32	54	56	0.8	17.6			
ATUM 16.5XD2 SP.. 060204	●	16.5	25	34	110	32	54	56	0.8	18.1			
ATUM 17XD2 SP.. 060204	●	17	25	34	112	34	56	56	0.75	18.5			
ATUM 17.5XD2 SP.. 060204	●	17.5	25	34	112	34	56	56	0.75	19			
ATUM 18XD2 SP.. 060204	●	18	25	34	114	36	58	56	0.5	19			
ATUM 18.5XD2 SP.. 060204	●	18.5	25	34	114	36	58	56	0.5	19.5			
ATUM 19XD2 SP.. 060204	●	19	25	34	116	38	60	56	0.3	19.6			
ATUM 19.5XD2 SP.. 060204	●	19.5	25	34	116	38	60	56	0.3	20.1			
ATUM 20XD2 SP.. 060204	●	20	25	34	118	40	62	56	0	20			
ATUM 20.5XD2 SP.. 060204	●	20.5	25	34	118	40	62	56	0	20.5			
ATUM 21XD2 SP.. 060204	●	21	25	34	120	42	64	56	0	21			
ATUM 21.5XD2 SP.. 060204	●	21.5	25	34	120	42	64	56	0	21.5			
ATUM 22XD2 SP.. 07T308	●	22	25	34	122	44	66	56	1	24	SP.. 07T308	3008-M2.5x6	82-T08
new ATUM 22XD2 SP.. 07T308-32	●	22	32	44	131	44	71	60	1	24			
ATUM 22.5XD2 SP.. 07T308	●	22.5	25	34	122	44	66	56	1	24.5	SP.. 07T308	3008-M2.5x6	82-T08
ATUM 23XD2 SP.. 07T308	●	23	25	34	124	46	68	56	0.75	24.5			
new ATUM 23XD2 SP.. 07T308-32	●	23	32	44	133	46	73	60	0.75	24.5			
ATUM 23.5XD2 SP.. 07T308	●	23.5	25	34	124	46	68	56	0.75	25			
ATUM 24XD2 SP.. 07T308	●	24	25	34	126	48	70	56	0.5	25			
new ATUM 24XD2 SP.. 07T308-32	●	24	32	44	135	48	75	60	0.50	25			
ATUM 24.5XD2 SP.. 07T308	●	24.5	25	34	126	48	70	56	0.5	25.5			
ATUM 25XD2 SP.. 07T308	●	25	25	34	128	50	72	56	0.25	25.5			
new ATUM 25XD2 SP.. 07T308-32	●	25	32	44	137	50	77	60	0.25	25.5			
ATUM 25.5XD2 SP.. 07T308	●	25.5	25	34	128	50	72	56	0.25	26			
ATUM 26XD2 SP.. 07T308	●	26	25	34	130	52	74	56	0	26			
new ATUM 26XD2 SP.. 07T308-32	●	26	32	44	139	52	79	60	0	26			
ATUM 26.5XD2 SP.. 07T308	●	26.5	25	34	130	52	74	56	0	26.5			
ATUM 27XD2 SP.. 07T308	●	27	25	34	132	54	76	56	0	27			
new ATUM 27XD2 SP.. 07T308-32	●	27	32	44	141	54	81	60	0	27			
ATUM 27.5XD2 SP.. 07T308	●	27.5	25	34	132	54	76	56	0	27.5			

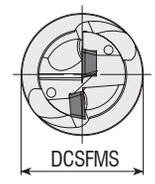
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
TGTC Ucuna Uygundur. / Compatible with TGTC Insert. / Kompatibel mit TGTC Wendeplatten.

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

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

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





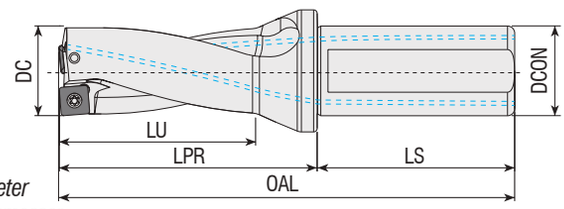
Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager*	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DC	DCON	DCSFMS	OAL	LU	LPR	LS	Maks. Ofset (radyal) *Max. Offset (radial)* *Max. Versatz (radial)* X_{max}[mm]	DC_{max}[mm]	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube*	Tork Anahtar *Torx Key* *Torx-Schlüssel*
ATUM 28XD2 SP.. 090408	●	28	25	34	134	56	78	56	1	30	SP.. 090408	4015-M3.5x9	80-T15
new ATUM 28XD2 SP.. 090408-32	●	28	32	44	143	56	83	60	1	29			
ATUM 28.5XD2 SP.. 090408	●	28.5	25	34	134	56	78	56	1	30.5			
ATUM 29XD2 SP.. 090408	●	29	25	34	136	58	80	56	0.75	30.5			
new ATUM 29XD2 SP.. 090408-32	●	29	32	44	145	58	85	60	0.75	30.5			
ATUM 29.5XD2 SP.. 090408	●	29.5	25	34	136	58	80	56	0.75	31			
ATUM 30XD2 SP.. 090408	●	30	32	44	147	60	87	60	0.5	31			
ATUM 31XD2 SP.. 090408	●	31	32	44	149	62	89	60	0.25	31.5			
ATUM 32XD2 SP.. 090408	●	32	32	44	151	64	91	60	0	32			
ATUM 33XD2 SP.. 090408	●	33	32	44	153	66	93	60	0	33			
ATUM 34XD2 SP.. 110408	●	34	32	44	155	68	95	60	1	36	SP.. 110408	4015-M4x11	80-T15
ATUM 35XD2 SP.. 110408	●	35	32	44	157	70	97	60	0.75	36.5			
ATUM 36XD2 SP.. 110408	●	36	32	44	159	72	99	60	0.6	37.2			
ATUM 37XD2 SP.. 110408	●	37	32	44	161	74	101	60	0.5	38			
ATUM 38XD2 SP.. 110408	●	38	32	44	163	76	103	60	0.25	38.5			
ATUM 39XD2 SP.. 110408	●	39	32	44	165	78	105	60	0	39			
ATUM 40XD2 SP.. 110408	●	40	32	44	167	80	107	60	0	40			
ATUM 41XD2 SP.. 110408	●	41	32	44	169	82	109	60	0	41			
ATUM 42XD2 SP.. 140512	●	42	32	44	171	84	111	60	1.2	44.4	SP.. 140512	1020-M5x11	80-T20
ATUM 43XD2 SP.. 140512	●	43	32	44	173	86	113	60	1	45			
ATUM 44XD2 SP.. 140512	●	44	32	44	175	88	115	60	0.8	45.6			
ATUM 45XD2 SP.. 140512	●	45	40	54	192	90	122	70	0.6	46.2			
ATUM 46XD2 SP.. 140512	●	46	40	54	194	92	124	70	0.4	46.8			
ATUM 47XD2 SP.. 140512	●	47	40	54	196	94	126	70	0.2	47.4			
ATUM 48XD2 SP.. 140512	●	48	40	54	198	96	128	70	0	48			
ATUM 49XD2 SP.. 140512	●	49	40	54	200	98	130	70	0	49			
ATUM 50XD2 SP.. 140512	●	50	40	54	202	100	132	70	0	50			

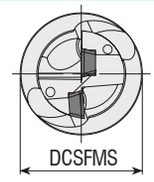
R: Sağ / Right / *Rechts* L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
TGTC Ucuna Uygundur. / Compatible with TGTC Insert. / Kompatibel mit TGTC Wendeplatten.

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

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

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

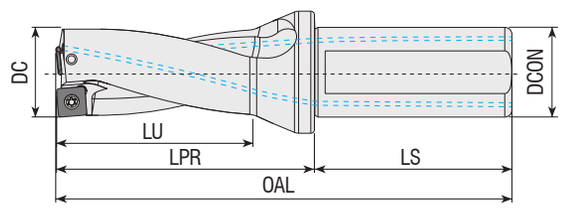


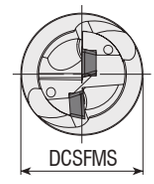


Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager*	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DC	DCON	DCSFMS	OAL	LU	LPR	LS	Maks. Ofset (radyal) *Max. Offset (radial)* *Max. Versatz (radial)* X_{max}[mm]	DC_{max}[mm]	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube*	Tork Anahtar *Torx Key* *Torx-Schlüssel*
ATUM 12.5XD3 SP.. 050204	●	12.5	20	25	108	36	58	50	0.75	14	SP.. 050204	3006-M2x4	82-T06
ATUM 13XD3 SP.. 050204	●	13	20	25	111	39	61	50	0.75	14.5			
ATUM 13.5XD3 SP.. 050204	●	13.5	20	25	111	39	61	50	0.75	15			
ATUM 14XD3 SP.. 050204	●	14	20	25	114	42	64	50	0.6	15.2			
ATUM 14.5XD3 SP.. 050204	●	14.5	20	25	114	42	64	50	0.6	15.7			
ATUM 15XD3 SP.. 050204	●	15	20	25	117	45	67	50	0.5	16			
ATUM 15.5XD3 SP.. 060204	●	15.5	20	25	117	45	67	50	0.9	17.3	SP.. 060204	3007-M2.2x4.6	82-T07
ATUM 16XD3 SP.. 060204	●	16	25	34	126	48	70	56	0.8	17.6			
ATUM 16.5XD3 SP.. 060204	●	16.5	25	34	126	48	70	56	0.8	18.1			
ATUM 17XD3 SP.. 060204	●	17	25	34	129	51	73	56	0.75	18.5			
ATUM 17.5XD3 SP.. 060204	●	17.5	25	34	129	51	73	56	0.75	19			
ATUM 18XD3 SP.. 060204	●	18	25	34	132	54	76	56	0.5	19			
ATUM 18.5XD3 SP.. 060204	●	18.5	25	34	132	54	76	56	0.5	19.5			
ATUM 19XD3 SP.. 060204	●	19	25	34	135	57	79	56	0.3	19.6			
ATUM 19.5XD3 SP.. 060204	●	19.5	25	34	135	57	79	56	0.3	20.1			
ATUM 20XD3 SP.. 060204	●	20	25	34	138	60	82	56	0	20			
ATUM 20.5XD3 SP.. 060204	●	20.5	25	34	138	60	82	56	0	20.5			
ATUM 21XD3 SP.. 060204	●	21	25	34	141	63	85	56	0	21			
ATUM 21.5XD3 SP.. 060204	●	21.5	25	34	141	63	85	56	0	21.5			
ATUM 22XD3 SP.. 07T308	●	22	25	34	144	66	88	56	1	24	SP.. 07T308	3008-M2.5x6	82-T08
new ATUM 22XD3 SP.. 07T308-32	●	22	32	44	153	66	93	60	1	23			
ATUM 22.5XD3 SP.. 07T308	●	22.5	25	34	144	66	88	56	1	24.5			
ATUM 23XD3 SP.. 07T308	●	23	25	34	147	69	91	56	0.75	24.5			
new ATUM 23XD3 SP.. 07T308-32	●	23	32	44	156	69	96	60	0.75	24.5			
ATUM 23.5XD3 SP.. 07T308	●	23.5	25	34	147	69	91	56	0.75	25			
ATUM 24XD3 SP.. 07T308	●	24	25	34	150	72	94	56	0.5	25			
new ATUM 24XD3 SP.. 07T308-32	●	24	32	44	159	72	99	60	0.50	25			
ATUM 24.5XD3 SP.. 07T308	●	24.5	25	34	150	72	94	56	0.5	25.5			
ATUM 25XD3 SP.. 07T308	●	25	25	34	153	75	97	56	0.25	25.5			
new ATUM 25XD3 SP.. 07T308-32	●	25	32	44	162	75	102	60	0.25	25.5			
ATUM 25.5XD3 SP.. 07T308	●	25.5	25	34	153	75	97	56	0.25	26			
ATUM 26XD3 SP.. 07T308	●	26	25	34	156	78	100	56	0	26			
new ATUM 26XD3 SP.. 07T308-32	●	26	32	44	165	78	105	60	0	26			
ATUM 26.5XD3 SP.. 07T308	●	26.5	25	34	156	78	100	56	0	26.5			
ATUM 27XD3 SP.. 07T308	●	27	25	34	159	81	103	56	0	27			
new ATUM 27XD3 SP.. 07T308-32	●	27	32	44	168	81	108	60	0	27			
ATUM 27.5XD3 SP.. 07T308	●	27.5	25	34	159	81	103	56	0	27.5			
ATUM 28XD3 SP.. 090408	●	28	25	34	162	84	106	56	1	30	SP.. 090408	4015-M3.5x9	80-T15
new ATUM 28XD3 SP.. 090408-32	●	28	32	44	171	84	111	60	1	29			
ATUM 28.5XD3 SP.. 090408	●	28.5	25	34	162	84	106	56	1	30.5			
ATUM 29XD3 SP.. 090408	●	29	25	34	165	87	109	56	0.75	30.5			
new ATUM 29XD3 SP.. 090408-32	●	29	32	44	174	87	114	6	0.75	30.5			
ATUM 29.5XD3 SP.. 090408	●	29.5	25	34	165	87	109	56	0.75	31			
ATUM 30XD3 SP.. 090408	●	30	32	44	177	90	117	60	0.5	31			
ATUM 30.5XD3 SP.. 090408	●	30.5	32	44	177	90	117	60	0.5	31.5			
ATUM 31XD3 SP.. 090408	●	31	32	44	180	93	120	60	0.25	31.5			
ATUM 31.5XD3 SP.. 090408	●	31.5	32	44	180	93	120	60	0.25	32			
ATUM 32XD3 SP.. 090408	●	32	32	44	183	96	123	60	0	32			
ATUM 32.5XD3 SP.. 090408	●	32.5	32	44	183	96	123	60	0	32.5			
ATUM 33XD3 SP.. 090408	●	33	32	44	186	99	126	60	0	33			
ATUM 33.5XD3 SP.. 090408	●	33.5	32	44	186	99	126	60	0	33.5			

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

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ATUM 12.5XD3 SP.. 050204
Takma Uçlu Matkap Kullanım Kılavuzu : S 375 / *User's Guide For U-Drills : P 375*
Bedienungsanleitung für Vollbohrer : S 375





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

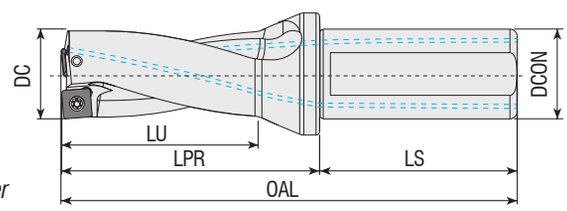
Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager*	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)*							Maks. Ofset (radyal) *Max. Offset (radial)* *Max. Versatz (radial)*		Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube*	Tork Anahtar *Torx Key* *Torx-Schlüssel*
		DC	DCON	DCSFMS	OAL	LU	LPR	LS	X_{max}[mm]	DC_{max}[mm]			
ATUM 34XD3 SP.. 110408	●	34	32	44	189	102	129	60	1	36	SP.. 110408	4015-M4x11	80-T15
ATUM 34.5XD3 SP.. 110408	●	34.5	32	44	189	102	129	60	1	36.5			
ATUM 35XD3 SP.. 110408	●	35	32	44	192	105	132	60	0.75	36.5			
ATUM 35.5XD3 SP.. 110408	●	35.5	32	44	192	105	132	60	0.75	37			
ATUM 36XD3 SP.. 110408	●	36	32	44	195	108	135	60	0.6	37.2			
ATUM 36.5XD3 SP.. 110408	●	36.5	32	44	195	108	135	60	0.6	37.7			
ATUM 37XD3 SP.. 110408	●	37	32	44	198	111	138	60	0.5	38			
ATUM 37.5XD3 SP.. 110408	●	37.5	32	44	198	111	138	60	0.5	38.5			
ATUM 38XD3 SP.. 110408	●	38	32	44	201	114	141	60	0.25	38.5			
ATUM 38.5XD3 SP.. 110408	●	38.5	32	44	201	114	141	60	0.25	39			
ATUM 39XD3 SP.. 110408	●	39	32	44	204	117	144	60	0	39			
ATUM 39.5XD3 SP.. 110408	●	39.5	32	44	204	117	144	60	0	39.5			
ATUM 40XD3 SP.. 110408	●	40	32	44	207	120	147	60	0	40			
ATUM 40.5XD3 SP.. 110408	●	40.5	32	44	207	120	147	60	0	40.5			
ATUM 41XD3 SP.. 110408	●	41	32	44	210	123	150	60	0	41			
ATUM 41.5XD3 SP.. 110408	●	41.5	32	44	210	123	150	60	0	41.5			
ATUM 42XD3 SP.. 140512	●	42	32	44	213	126	153	60	1.2	44.4	SP.. 140512	1020-M5x11	80-T20
ATUM 42.5XD3 SP.. 140512	●	42.5	32	44	213	126	153	60	1.2	44.9			
ATUM 43XD3 SP.. 140512	●	43	32	44	216	129	156	60	1	45			
ATUM 43.5XD3 SP.. 140512	●	43.5	32	44	216	129	156	60	1	45.5			
ATUM 44XD3 SP.. 140512	●	44	32	44	219	132	159	60	0.8	45.6			
ATUM 44.5XD3 SP.. 140512	●	44.5	32	44	219	132	159	60	0.8	46.1			
ATUM 45XD3 SP.. 140512	●	45	40	54	237	135	167	70	0.6	46.2			
ATUM 45.5XD3 SP.. 140512	●	45.5	40	54	237	135	167	70	0.6	46.7			
ATUM 46XD3 SP.. 140512	●	46	40	54	240	138	170	70	0.4	46.8			
ATUM 47XD3 SP.. 140512	●	47	40	54	243	141	173	70	0.2	47.4			
ATUM 48XD3 SP.. 140512	●	48	40	54	246	144	176	70	0	48			
ATUM 49XD3 SP.. 140512	●	49	40	54	249	147	179	70	0	49			
ATUM 50XD3 SP.. 140512	●	50	40	54	252	150	182	70	0	50			
ATUM 51XD3 SP.. 140512	●	51	40	54	255	153	185	70	0	51			
ATUM 52XD3 SP.. 140512	●	52	40	54	258	156	188	70	0	52			

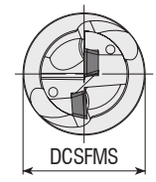
R: Sağ / Right / *Rechts*/ L: Sol / Left / *Links*
● Stokta / In Stock / *Auf Lager* ○ Stokta Yok / Non Stock Item / *Kein Lagerartikel, Lieferzeit auf Anfrage*
TGTC Ucuna Uygundur. / Compatible with TGTC Insert. / Kompatibel mit TGTC Wendeplatten.

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

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

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

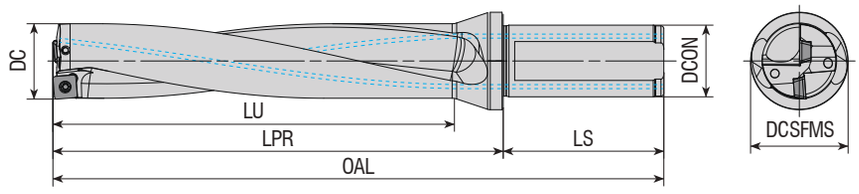




Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager*	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DC	DCON	DCSFMS	OAL	LU	LPR	LS	Maks. Ofset (radyal) *Max. Offset (radial)* *Max. Versatz (radial)* X_{max}[mm]	DC_{max}[mm]	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube*	Tork Anahtar *Torx Key* *Torx-Schlüssel*
ATUM 13XD4 SP.. 050204	●	13	20	25	124	52	74	50	0.75	14.5	SP.. 050204	3006-M2x4	82-T06
ATUM 14XD4 SP.. 050204	●	14	20	25	128	56	78	50	0.6	15.2			
new ATUM 14.5XD4 SP.. 050204	●	14.5	20	25	128	56	78	50	0.60	15.7		3006-M2.5X4	
ATUM 15XD4 SP.. 050204	●	15	20	25	132	60	82	50	0.5	16			
ATUM 16XD4 SP.. 060204	●	16	25	34	142	64	86	56	0.8	17.6	SP.. 060204	3007-M2.2x4.6	82-T07
ATUM 17XD4 SP.. 060204	●	17	25	34	146	68	90	56	0.75	18.5			
ATUM 17.5XD4 SP.. 060204	●	17.5	25	34	146	68	90	56	0.75	19			
ATUM 18XD4 SP.. 060204	●	18	25	34	150	72	94	56	0.5	19			
ATUM 19XD4 SP.. 060204	●	19	25	34	154	76	98	56	0.3	19.6			
ATUM 19.5XD4 SP.. 060204	●	19.5	25	34	154	76	98	56	0.3	20.1			
ATUM 20XD4 SP.. 060204	●	20	25	34	158	80	102	56	0	20			
ATUM 21XD4 SP.. 060204	●	21	25	34	162	84	106	56	0	21			
ATUM 22XD4 SP.. 07T308	●	22	25	34	166	88	110	56	1	24	SP.. 07T308	3008-M2.5x6	82-T08
ATUM 23XD4 SP.. 07T308	●	23	25	34	170	92	114	56	0.75	24.5			
ATUM 23.5XD4 SP.. 07T308	●	23.5	25	34	170	92	114	56	0.75	25			
ATUM 24XD4 SP.. 07T308	●	24	25	34	174	96	118	56	0.5	25			
ATUM 25XD4 SP.. 07T308	●	25	25	34	178	100	122	56	0.25	25.5			
ATUM 26XD4 SP.. 07T308	●	26	25	34	182	104	126	56	0	26			
ATUM 27XD4 SP.. 07T308	●	27	25	34	186	108	130	56	0	27			
ATUM 27.5XD4 SP.. 07T308	●	27.5	25	34	186	108	130	56	0	27.5			
ATUM 28XD4 SP.. 090408	●	28	25	34	190	112	134	56	1	30	SP.. 090408	4015-M3.5x9	80-T15
ATUM 29XD4 SP.. 090408	●	29	25	34	194	116	138	56	0.75	30.5			
ATUM 30XD4 SP.. 090408	●	30	32	44	207	120	147	60	0.5	31			
ATUM 31XD4 SP.. 090408	●	31	32	44	211	124	151	60	0.25	31.5			
ATUM 32XD4 SP.. 090408	●	32	32	44	215	128	155	60	0	32			
ATUM 33XD4 SP.. 090408	●	33	32	44	219	132	159	60	0	33			
ATUM 33.5XD4 SP.. 090408	●	33.5	32	44	219	132	159	60	0	33.5			
ATUM 34XD4 SP.. 110408	●	34	32	44	223	136	163	60	1	36	SP.. 110408	4015-M4x11	80-T15
ATUM 35XD4 SP.. 110408	●	35	32	44	227	140	167	60	0.75	36.5			
ATUM 36XD4 SP.. 110408	●	36	32	44	231	144	171	60	0.6	37.2			
ATUM 37XD4 SP.. 110408	●	37	32	44	235	148	175	60	0.5	38			
ATUM 38XD4 SP.. 110408	●	38	32	44	239	152	179	60	0.25	38.5			
ATUM 39XD4 SP.. 110408	●	39	32	44	243	156	183	60	0	39			
ATUM 40XD4 SP.. 110408	●	40	32	44	247	160	187	60	0	40			
ATUM 41XD4 SP.. 110408	●	41	32	44	251	164	191	60	0	41			
ATUM 42XD4 SP.. 140512	●	42	32	44	255	168	195	60	1.2	44.4	SP.. 140512	1020-M5x11	80-T20
ATUM 43XD4 SP.. 140512	●	43	32	44	259	172	199	60	1	45			
ATUM 44XD4 SP.. 140512	●	44	32	44	263	176	203	60	0.8	45.6			
new ATUM 46XD4 SP.. 140512	●	46	40	54	286	184	216	70	0.40	46.8			

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

Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ATUM 13XD4 SP.. 050204
Takma Uçlu Matkap Kullanım Kılavuzu : S 375 / *User's Guide For U-Drills : P 375*
Bedienungsanleitung für Vollbohrer : S 375



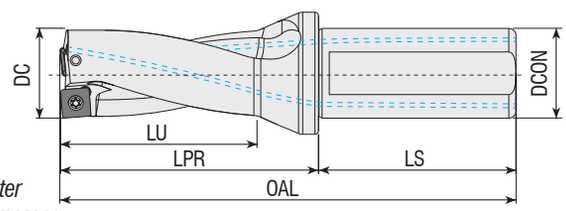
Delme Derinliği = 5x Çap
Drilling Depth = 5x Diameter
Bohrtiefe = 5x Durchmesser

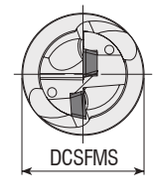
Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager*	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DC	DCON	DCSFMS	OAL	LU	LPR	LS	Maks. Ofset (radyal) *Max. Offset (radial)* *Max. Versatz (radial)* X_{max}[mm]	DC_{max}[mm]	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube*	Tork Anahtar *Torx Key* *Torx-Schlüssel*
new ATUM 13XD5 SP.. 050204	●	13	20	25	137	65	87	50	0.75	14.5	SP.. 050204	3006-M2.5x4	82-T06
ATUM 14XD5 SP.. 050204	●	14	20	25	142	70	92	50	0.6	15.2		3006-M2x4	
new ATUM 14.5XD5 SP.. 050204	●	14.5	20	25	142	70	92	50	0.60	15.7		3006-M2.5x4	
new ATUM 15XD5 SP.. 050204	●	15	20	25	147	75	97	50	0.50	16			
ATUM 16XD5 SP.. 060204	●	16	25	34	158	80	102	56	0.8	17.6	SP.. 060204	3007-M2.2x4.6 / 3007-M2.2x5	82-T07
ATUM 17XD5 SP.. 060204	●	17	25	34	163	85	107	56	0.75	18.5			
new ATUM 17XD5 SP.. 060204-32	●	17	32	34	163	85	107	56	0.75	18.5			
ATUM 18XD5 SP.. 060204	●	18	25	34	168	90	112	56	0.5	19			
ATUM 19XD5 SP.. 060204	●	19	25	34	173	95	117	56	0.3	19.6			
ATUM 20XD5 SP.. 060204	●	20	25	34	178	100	122	56	0	20			
ATUM 21XD5 SP.. 060204	●	21	25	34	183	105	127	56	0	21			
ATUM 22XD5 SP.. 07T308	●	22	25	34	188	110	132	56	1	24	SP.. 07T308	3008-M2.5x6	82-T08
ATUM 22XD5 SP.. 07T308-32	●	22	32	44	197	110	137	60	1	24			
ATUM 23XD5 SP.. 07T308	●	23	25	34	193	115	137	56	0.75	24.5			
ATUM 23XD5 SP.. 07T308-32	●	23	32	44	202	115	142	60	0.75	24.5			
ATUM 24XD5 SP.. 07T308-32	●	24	32	44	207	120	147	60	0.5	25			
ATUM 25XD5 SP.. 07T308	●	25	25	34	203	125	147	56	0.25	25.5			
ATUM 25XD5 SP.. 07T308-32	●	25	32	44	212	125	152	60	0.25	25.5			
ATUM 26XD5 SP.. 07T308	●	26	25	34	208	130	152	56	0	26			
ATUM 26XD5 SP.. 07T308-32	●	26	32	44	217	130	157	60	0	26			
ATUM 27XD5 SP.. 07T308	●	27	25	34	213	135	157	56	0	27			
ATUM 27XD5 SP.. 07T308-32	●	27	32	44	222	135	162	60	0	27			
ATUM 28XD5 SP.. 090408-32	●	28	32	44	227	140	167	60	1	30	SP.. 090408	4015-M3.5x9	80-T15
ATUM 29XD5 SP.. 090408-32	●	29	32	44	232	145	172	60	0.75	30.5			
ATUM 30XD5 SP.. 090408	●	30	32	44	237	150	177	60	0.5	31			
ATUM 31XD5 SP.. 090408	●	31	32	44	242	155	182	60	0.25	31.5			
ATUM 32XD5 SP.. 090408	●	32	32	44	247	160	187	60	0	32			
ATUM 33XD5 SP.. 090408	●	33	32	44	252	165	192	60	0	33			

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

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

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





Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager*	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DC	DCON	DCSFMS	OAL	LU	LPR	LS	Maks. Ofset (radyal) *Max. Offset (radial)* *Max. Versatz (radial)* X_{max}[mm]	DC_{max}[mm]	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube*	Tork Anahtar *Torx Key* *Torx-Schlüssel*
ATUM 12.5XD2 SPGT 050204	●	12.5	20	25	96	24	46	50	0.75	14	SPGT 050204	3006-M2x4	82-T06
ATUM 13XD2 SPGT 050204	●	13	20	25	98	26	48	50	0.75	14.5			
ATUM 13.5XD2 SPGT 050204	●	13.5	20	25	98	26	48	50	0.75	15			
ATUM 14XD2 SPGT 050204	●	14	20	25	100	28	50	50	0.6	15.2			
ATUM 15XD2 SPGT 050204	●	15	20	25	102	30	52	50	0.5	16			
ATUM 16XD2 SPGT 060204	●	16	25	34	110	32	54	56	0.8	17.6	SPGT 060204	3007-M2.2x4.6	82-T07
ATUM 16.5XD2 SPGT 060204	●	16.5	25	34	110	32	54	56	0.8	18.1			
ATUM 17XD2 SPGT 060204	●	17	25	34	112	34	56	56	0.75	18.5			
ATUM 17.5XD2 SPGT 060204	●	17.5	25	34	112	34	56	56	0.75	19			
ATUM 18XD2 SPGT 060204	●	18	25	34	114	36	58	56	0.5	19			
ATUM 19XD2 SPGT 060204	●	19	25	34	116	38	60	56	0.3	19.6			
ATUM 20XD2 SPGT 060204	●	20	25	34	118	40	62	56	0	20			
new ATUM 21XD2 SPGT 060204	●	21	25	34	120	42	64	56	0	21			
ATUM 22XD2 SPGT 07T308	●	22	25	34	122	44	66	56	1	24	SPGT 07T308	3008-M2.5x6	82-T08
ATUM 22.5XD2 SPGT 07T308	●	22.5	25	34	122	44	66	56	1	24.5			
ATUM 23XD2 SPGT 07T308	●	23	25	34	124	46	68	56	0.75	24.5			
new ATUM 23.5XD2 SPGT 07T308	●	23.5	25	34	124	46	68	56	0.75	25			
ATUM 24XD2 SPGT 07T308	●	24	25	34	126	48	70	56	0.5	25			
new ATUM 24.5XD2 SPGT 07T308	●	24.5	25	34	126	48	70	56	0.5	25.5			
ATUM 25XD2 SPGT 07T308	●	25	25	34	128	50	72	56	0.25	25.5			
ATUM 26XD2 SPGT 07T308	●	26	25	34	130	52	74	56	0	26			
ATUM 28XD2 SPGT 090408	●	28	25	34	134	56	78	56	1	30	SPGT 090408	4015-M3.5x9	80-T15
ATUM 29XD2 SPGT 090408	●	29	25	34	136	58	80	56	0.75	30.5			
ATUM 30XD2 SPGT 090408	●	30	32	44	147	60	87	60	0.5	31			
new ATUM 31XD2 SPGT 090408	●	31	32	44	149	62	89	60	0.25	31.5			
ATUM 32XD2 SPGT 090408	●	32	32	44	151	64	91	60	0	32			
ATUM 35XD2 SPGT 110408	●	35	32	44	157	70	97	60	0.75	36.5	SPGT 110408	4015-M4x11	80-T15
ATUM 36XD2 SPGT 110408	●	36	32	44	159	72	99	60	0.6	37.2			
ATUM 40XD2 SPGT 110408	●	40	32	44	167	80	107	60	0	40			

R: Sağ / Right / *Rechts*/ L: Sol / Left / *Links*
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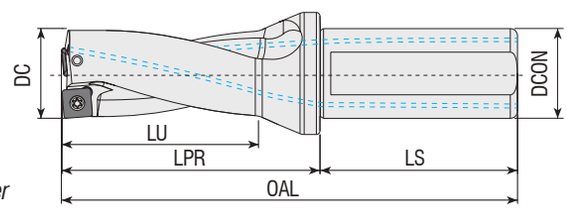
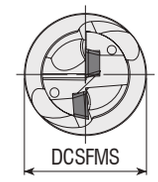
ZCC Ucuna Uygundur. / Compatible with ZCC Insert. / *Kompatibel mit ZCC Wendeplatten.*

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

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

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





Takım Kodu *Ordering Code* *Bestell-Bezeichnung*	Stok *Stock* *Lager*	Takım Ölçüleri (mm) *Dimension (mm)* *Abmessung (mm)* DC	DCON	DCSFMS	OAL	LU	LPR	LS	Maks. Ofset (radyal) *Max. Offset (radial)* *Max. Versatz (radial)* X_{max}[mm]	DC_{max}[mm]	Kesici Uç *Insert* *Wendeschneidplatte*	Yedek Parçaları / *Spare Parts* / *Ersatzteile* Sıkma Vidası *Screw* *Schraube*	Tork Anahtar *Torx Key* *Torx-Schlüssel*
ATUM 12.5XD3 SPGT 050204	●	12.5	20	25	108	36	58	50	0.75	14	SPGT 050204	3006-M2x4	82-T06
ATUM 13XD3 SPGT 050204	●	13	20	25	111	39	61	50	0.75	14.5			
ATUM 13.5XD3 SPGT 050204	●	13.5	20	25	111	39	61	50	0.75	15			
ATUM 14XD3 SPGT 050204	●	14	20	25	114	42	64	50	0.6	15.2			
ATUM 14.5XD3 SPGT 050204	●	14.5	20	25	114	42	64	50	0.6	15.7			
ATUM 15XD3 SPGT 050204	●	15	20	25	117	45	67	50	0.5	16			
ATUM 15.5XD3 SPGT 060204	●	15.5	20	25	117	45	67	50	0.9	17.3	SPGT 060204	3007-M2.2x4.6	82-T07
ATUM 16XD3 SPGT 060204	●	16	25	34	126	48	70	56	0.8	17.6			
ATUM 16.5XD3 SPGT 060204	●	16.5	25	34	126	48	70	56	0.8	18.1			
ATUM 17XD3 SPGT 060204	●	17	25	34	129	51	73	56	0.75	18.5			
ATUM 17.5XD3 SPGT 060204	●	17.5	25	34	129	51	73	56	0.75	19			
ATUM 18XD3 SPGT 060204	●	18	25	34	132	54	76	56	0.5	19			
ATUM 18.5XD3 SPGT 060204	●	18.5	25	34	132	54	76	56	0.5	19.5			
ATUM 19XD3 SPGT 060204	●	19	25	34	135	57	79	56	0.3	19.6			
ATUM 19.5XD3 SPGT 060204	●	19.5	25	34	135	57	79	56	0.3	20.1			
ATUM 20XD3 SPGT 060204	●	20	25	34	138	60	82	56	0	20			
ATUM 20.5XD3 SPGT 060204	●	20.5	25	34	138	60	82	56	0	20.5			
ATUM 21XD3 SPGT 060204	●	21	25	34	141	63	85	56	0	21			
ATUM 21.5XD3 SPGT 060204	●	21.5	25	34	141	63	85	56	0	21.5			
ATUM 22XD3 SPGT 07T308	●	22	25	34	144	66	88	56	1	24	SPGT 07T308	3008-M2.5x6	82-T08
ATUM 22.5XD3 SPGT 07T308	●	22.5	25	34	144	66	88	56	1	24.5			
ATUM 23XD3 SPGT 07T308	●	23	25	34	147	69	91	56	0.75	24.5			
ATUM 23.5XD3 SPGT 07T308	●	23.5	25	34	147	69	91	56	0.75	25			
ATUM 24XD3 SPGT 07T308	●	24	25	34	150	72	94	56	0.5	25			
ATUM 24.5XD3 SPGT 07T308	●	24.5	25	34	150	72	94	56	0.5	25.5			
ATUM 25XD3 SPGT 07T308	●	25	25	34	153	75	97	56	0.25	25.5			
ATUM 25.5XD3 SPGT 07T308	●	25.5	25	34	153	75	97	56	0.25	26			
ATUM 26XD3 SPGT 07T308	●	26	25	34	156	78	100	56	0	26			
ATUM 26.5XD3 SPGT 07T308	●	26.5	25	34	156	78	100	56	0	26.5			
ATUM 27XD3 SPGT 07T308	●	27	25	34	159	81	103	56	0	27			
ATUM 27.5XD3 SPGT 07T308	●	27.5	25	34	159	81	103	56	0	27.5			
ATUM 28XD3 SPGT 090408	●	28	25	34	162	84	106	56	1	30	SPGT 090408	4015-M3.5x9	80-T15
ATUM 28.5XD3 SPGT 090408	●	28.5	25	34	162	84	106	56	1	30.5			
ATUM 29XD3 SPGT 090408	●	29	25	34	165	87	109	56	0.75	30.5			
ATUM 29.5XD3 SPGT 090408	●	29.5	25	34	165	87	109	56	0.75	31			
ATUM 30XD3 SPGT 090408	●	30	32	44	177	90	117	60	0.5	31			
ATUM 31XD3 SPGT 090408	●	31	32	44	180	93	120	60	0.25	31.5			
ATUM 32XD3 SPGT 090408	●	32	32	44	183	96	123	60	0	32			
ATUM 33XD3 SPGT 090408	●	33	32	44	186	99	126	60	0	33			

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Sipariş Örneği/Ordering Example/*Bestellbeispiel*
1 ad./pcs./stück ATUM 12.5XD3 SPGT 050204

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