

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



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

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**RENZELMANN**  
WERKZEUGTECHNIK



 **AKKO®**



*konusulan  
the spoken kalite...  
quality...*







TS EN ISO 9001:2015







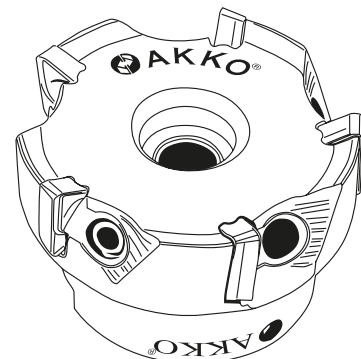
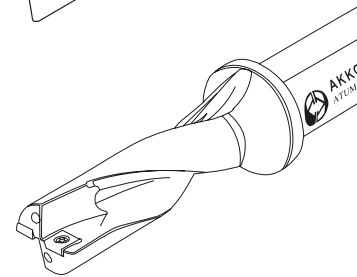
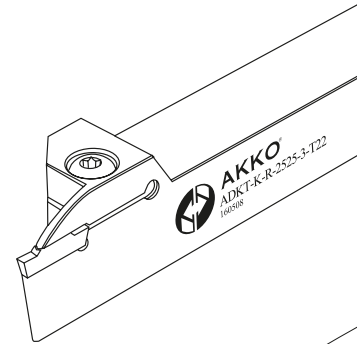
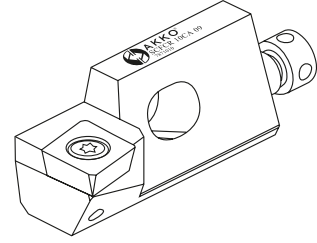
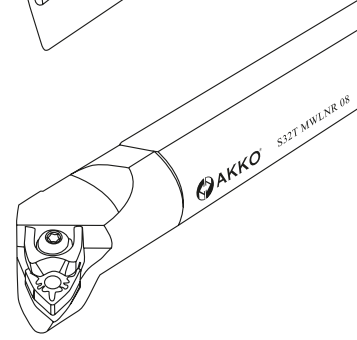
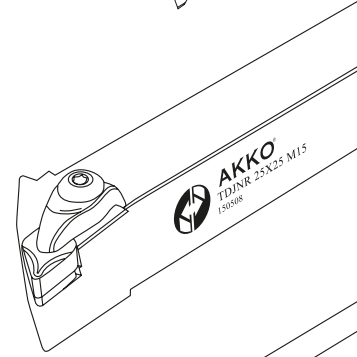
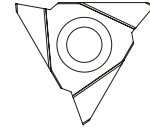
1986 yılında Abdullah KARAKUŞ tarafından kurulan AKKO Oto. Mak. Hırd. San. Tic. Ltd. Şti. Tornalama Takımları, Diş ve Kanal Açma Takımları, Delik Delme Takımları, Frezeleme Takımları ve Özel Takımları üretmektedir. Şu an 8000 m<sup>2</sup>' ye yakın bir alanda Türkiye, Japonya, Almanya, İsviçre gibi ülkelerin ürettikleri son teknoloji tezgah ve ekipmanlarıyla yıllık 300.000 adet üretim kapasitesiyle, standart 7000 çeşit takım üretimi yapmaktadır. Avrupa, Asya, Afrika, Güney Amerika ve Orta Doğu'da şimdilik 70 ülkeye ürün sevkiyatına devam etmekte olup 200.000 adet civarında üretilmiş ürün stoklarında mevcuttur. Firmaya, özel üretilen çelik hammadde işleme girer ve bütün üretim süreci bünyesinde gerçekleşir. Çeliğin işlenmesi, ısıl işlemi, üzerindeki kaplama ve her türlü üretim süreci bir entegre tesis olan AKKO'da gerçekleşir.

We as AKKO Oto. Mak. Hırd. San. Tic. Ltd. Şti, which has been founded by Abdullah KARAKUŞ in 1986, produce Turning Tool Holders, Threading and Grooving Tool Holders, U-Drills, Milling Tool Holders and Precision Tool Holders ( OEM Tool Holders ). We produce standard 7000 kinds of tool holders with production capacity of 300.000 pieces per annum in an area about 8000 square meter. We are going on exporting 70 countries including European, Asian, African, Asian, South American Countries and Middle East Countries. We keep ready about 200.000 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 kind of process from machining of steel to heat treatment and coating on our tools are made in our integrated factory AKKO.



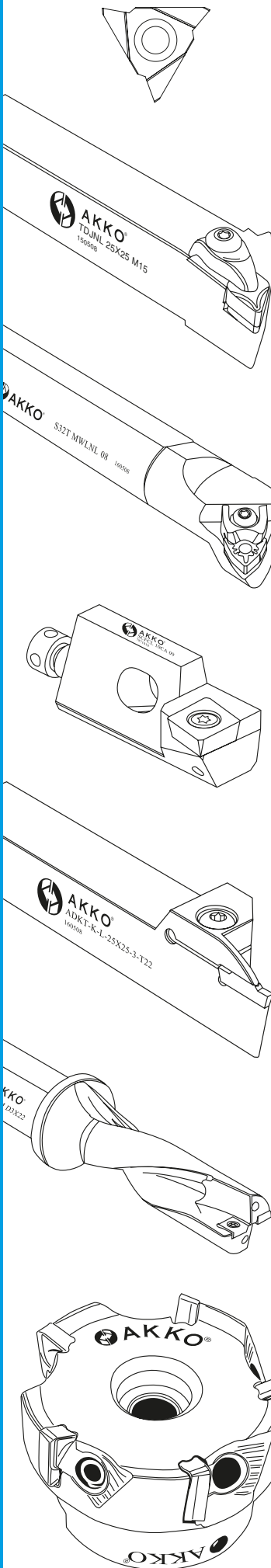
*Die Fa. Akko wurde 1986 von Abdullah Karakuş gegründet und produziert Dreh-, Gewinde- und Stechwerkzeuge für Wendeschneidplatten. Ebenso gehören Wendeplattenbohrer, Wendeplattenfräser und Sonderwerkzeuge für Wendeplatten zum Lieferprogramm. Alle Werkzeuge sind auch als OEM-Version lieferbar. Wir fertigen 7000 verschiedene Standardartikel auf einer Fläche von 8000 Quadratmetern. Unsere jährliche Produktionsmenge beträgt ca. 300000 Stück. Wir exportieren in 71 verschiedene Länder in Europa, Asien, Afrika, Südamerika und Mittlerer Osten. Unsere Lagerkapazität beträgt ca. 200000 Stück. Das eingesetzte Rohmaterial wird speziell für unsere Firma produziert. Alle weiteren Produktionsschritte wie z.B. mechanische Bearbeitung, Wärmebehandlung und Beschichtung unserer Werkzeuge erfolgen auf unseren eigenen Maschinenanlagen.*

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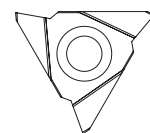
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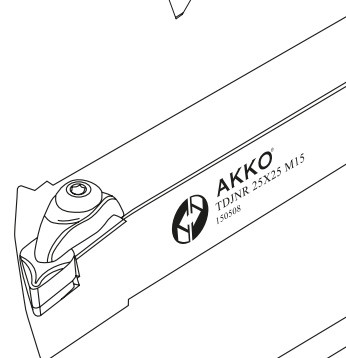
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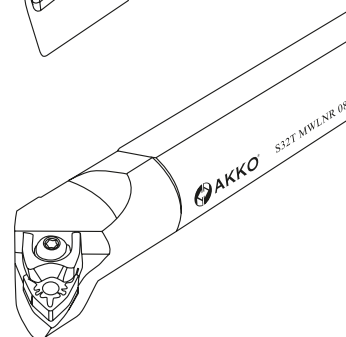
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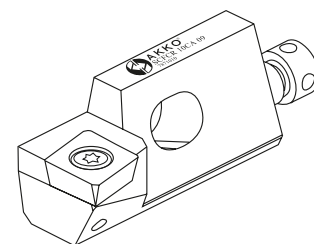


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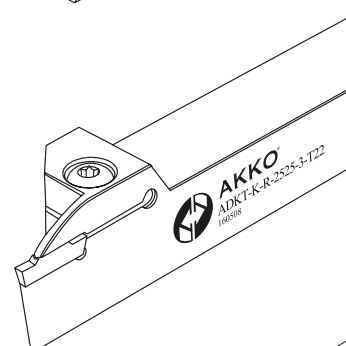


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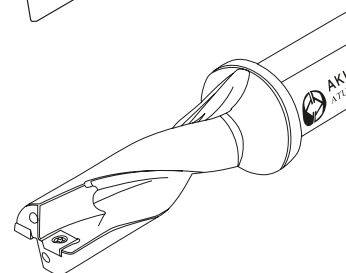
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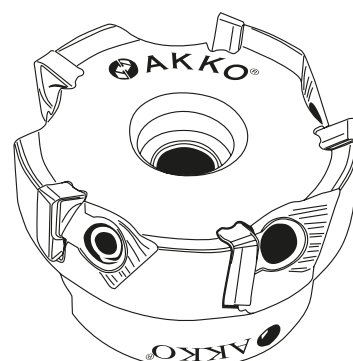
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**quality...**





**KESİCİ UÇLAR ve TAKIMLARI**

*CUTTING INSERTS and TOOLHOLDERS*

*WENDESCHNEIDPLATTEN und WERKZEUGE*

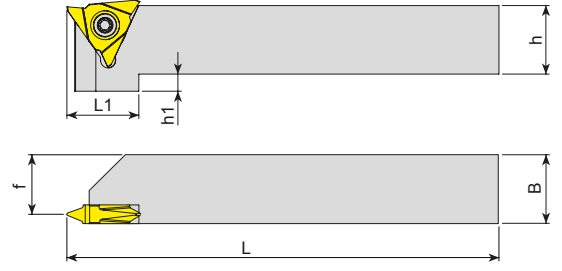




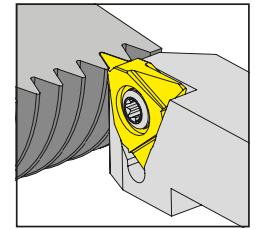
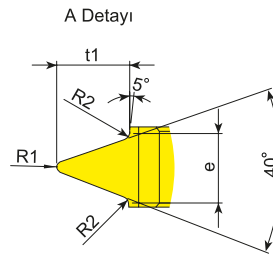
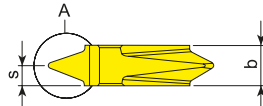
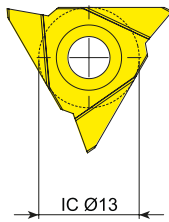
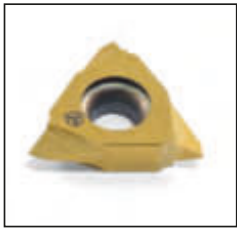
# POLY-V

**POLY-V KANAL AÇMA UÇLARI ve TAKIMLARI**  
*POLY-V GROOVING INSERTS and TOOLHOLDERS*  
*POLY-V EINSTECHPLATTEN UND WERKZEUGE*





Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
	R	L	h	B	f	L	L1		h1	Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel
ADKT-T12P-R/L-1616-T5	●	●	16	16	13.50	125	21	5	T12...	1020-M5x11	80-T20
ADKT-T12P-R/L-2020-T5	●	●	20	20	17.50	125	21	5			
ADKT-T12P-R/L-2525-T5	●	●	25	25	22.50	150	-	-		1020-M5x14	
ADKT-T12P-R/L-3232-T5	●	●	32	32	29.50	170	-	-			



Uç Kodu Insert Code Wendepplatten-Bezeichnung	Stok Stock Lager	Uç Ölçüleri (mm) Insert Dimension (mm) Abmessung (mm)						Kalite Grade Sorte
		e	b	R1	R2	S	t1	
T12.10.0234.PJ.R	●	2.34	5.20	0.25	0.20	2.60	2.30	VK20F01
T12.10.0356.PK.R	●	3.56	5.20	0.35	0.25	2.60	3.69	VK20F01
T12.10.0470.PL.R	●	4.70	5.20	0.33	0.40	2.60	5.02	VK20F01

ADKT-T12P...Tipi katerler ile kullanınız. / Use with ADKT-T12P... Type toolholder. / Einsatz mit ADKT-T12P...Werkzeughalter  
İndekslenildiğinde boy  $\pm 0,02$ mm / Indexability length  $\pm 0,02$ mm / Wiederholgenauigkeit Länge  $\pm 0,02$  mm

Diğer ölçü talepleriniz için müşteri temsilciniz ile irtibata geçiniz. / For other dimension request, contact with customer representative. / Für weitere Abmessungen kontaktieren Sie bitte den Vertrieb.

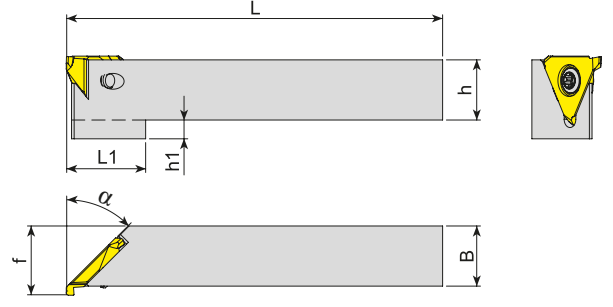
# KANAL AÇMA

**KANAL AÇMA, KÖŞE BOŞALTMA UÇLARI ve TAKIMLARI**  
*INSERTS and TOOLHOLDERS FOR GROOVING CORNER RELIEFS*  
*WENDESCHNEIDPLATTEN UND WERKZEUGE FÜR*  
*AXIAL FREISTICHE*

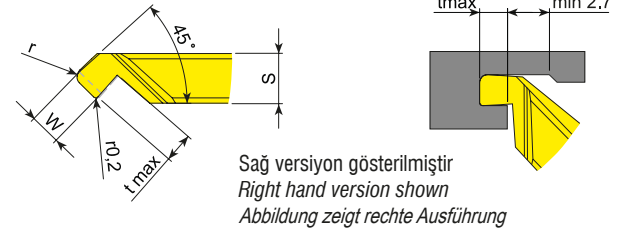
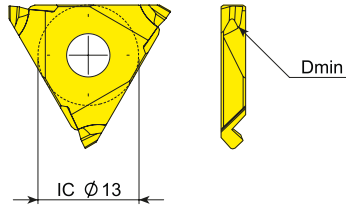


**AKKO®**  
AAUT-T20-R-25



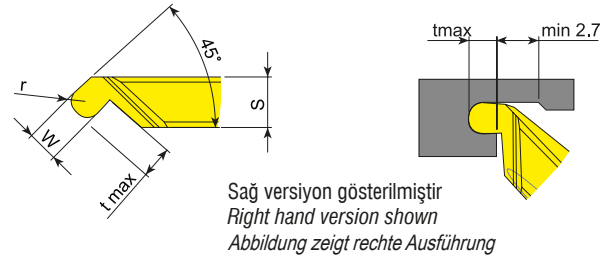
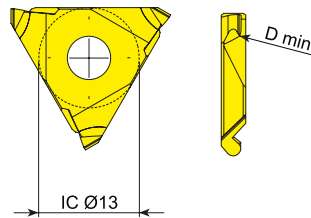


Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)							Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile	
	R	L	h	B	f	L	L1	h1	$\alpha$		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel
AAUT-T20-R/L-1616-45	●	○	16	16	18.3	125	21	5	45°	T20...	1020-M5x7.5	80-T20
AAUT-T20-R/L-2020-45	●	○	20	20	22.3	125	21	5	45°			
AAUT-T20-R/L-2525-45	●	○	25	25	27.3	150	-	-	45°			



Uç Kodu Insert Code Wendepplatten-Bezeichnung	Stok Stock Lager	Uç Ölçüleri (mm) Insert Dimension (mm) Abmessung (mm)					Kalite Grade Sorte	Minimum Çap Ø Minimum Diameter Ø Kleinsten Durchmesser ø	Kanal Derinliği Depth of Groove Up to Stechtiefe bis zu	Kanal Genişliği Width of Groove Stechbreite
		W	S	r	t max	D min				
T20.00.0815.45.04R	●	1.5	3.25	0.4	1.6	8	VK20F01	8 mm	2 mm	1.5-2.4 mm
T20.00.1220.45.05R	●	2.0	3.25	0.5	1.8	12	VK20F01			
T20.00.2024.45.06R	●	2.4	3.25	0.6	2.0	20	VK20F01			

AAUT.. Tipi katerlerle kullanınız. / Use with AAUT type toolholder. / Einsatz mit AAUT-Werkzeughalter  
 Kullanım öncesinde dip boşluk işlenmiş olmalıdır. / The undercut must be placed before axial machining. / Der Freistich muss vor der Axialbearbeitung gefertigt werden  
 İndekslediğinde boy  $\pm 0.02\text{mm}$  / Indexability length  $\pm 0.02\text{mm}$  / Wiederholgenauigkeit Länge  $\pm 0,02\text{ mm}$



Uç Kodu Insert Code Wendepplatten-Bezeichnung	Stok Stock Lager	Uç Ölçüleri (mm) Insert Dimension (mm) Abmessung (mm)					Kalite Grade Sorte	Minimum Çap Ø Minimum Diameter Ø Kleinsten Durchmesser ø	Kanal Derinliği Depth of Groove Up to Stechtiefe bis zu	Kanal Genişliği Width of Groove Stechbreite
		W	S	r	t max	D min				
T20.00.1220.45.20R	●	2.0	3.25	2.0	1.8	12	VK20F01	12 mm	2 mm	2 mm

AAUT.. Tipi katerlerle kullanınız. / Use with AAUT type toolholder. / Einsatz mit AAUT-Werkzeughalter  
 Kullanım öncesinde dip boşluk işlenmiş olmalıdır. / The undercut must be placed before axial machining. / Der Freistich muss vor der Axialbearbeitung gefertigt werden  
 İndekslediğinde boy  $\pm 0.02\text{mm}$  / Indexability length  $\pm 0.02\text{mm}$  / Wiederholgenauigkeit Länge  $\pm 0,02\text{ mm}$

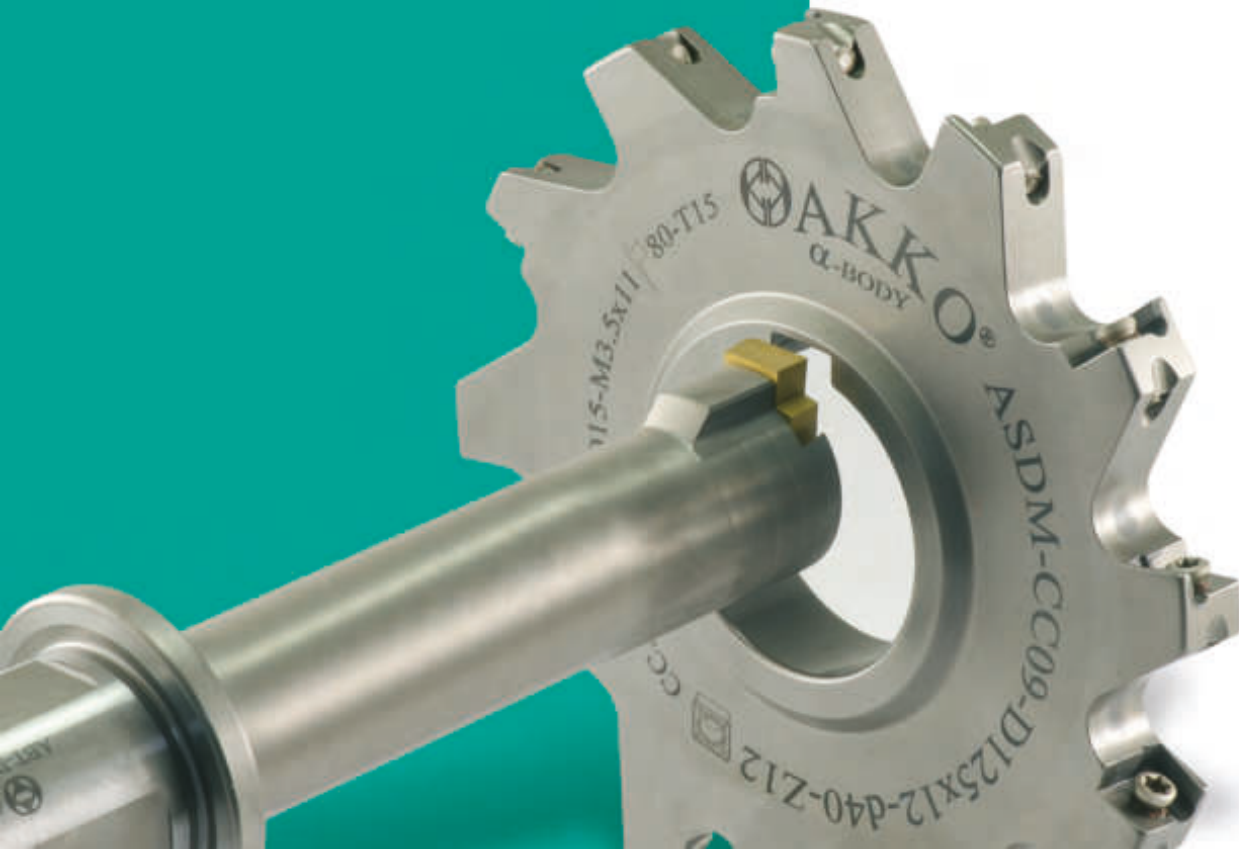
# BROŞ

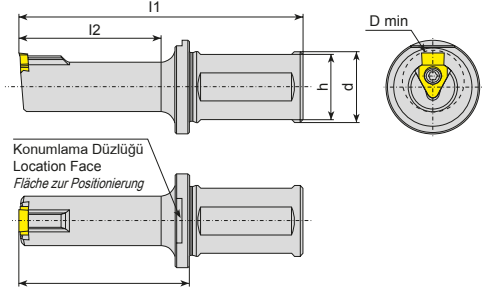
**BROŞ ÇEKME UÇLARI ve TAKIMLARI**

*BROACHING INSERTS and TOOLHOLDERS*

*WENDESCHNEIDPLATTEN UND WERKZEUGHALTER FÜR*

*DIE NUTBEARBEITUNG*

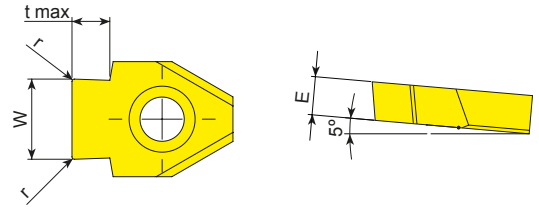




Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)						Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile	
		D min	l2	d	l1	l	h		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel
ABT-B41-D17-Y25-L90-I040	●	17	40	25	90	50	23	<b>B41...</b>	4015-M4x11	80-T15
ABT-B41-D17-Y25-L105-I065	●	17	65	25	105	75	23			
ABT-B41-D22-Y25-L100-I050	●	22	50	25	100	60	23			
ABT-B41-D22-Y25-L125-I070	●	22	70	25	125	80	23			
ABT-B42-D30-Y32-L100-I050	●	30	50	32	100	60	30	<b>B42...</b>	1020-M5x14	80-T20
ABT-B42-D30-Y32-L125-I075	●	30	75	32	125	85	30			
ABT-B42-D30-Y32-L170-I110	●	30	110	32	170	120	30			
ABT-B42-D38-Y32-L100-I050	●	38	50	32	100	60	30			
ABT-B42-D38-Y32-L125-I075	●	38	75	32	125	85	30			
ABT-B42-D40-Y32-L100-I050	●	40	50	32	100	60	30			
ABT-B42-D40-Y32-L125-I075	●	40	75	32	125	85	30			



DIN138 (Tolerans C11) torna ve freze tezgahlarında broş çekme uçları.  
 DIN138 (Tolerance C11) inserts for keyway broaching on lathe and milling machines.  
 DIN 138 (Toleranz C11) Wendepfatten für Keilnutenfertigung auf Dreh- und Fräsmaschinen



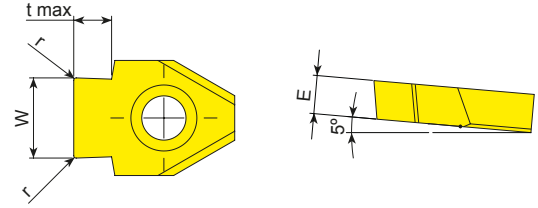
Uç Kodu Insert Code Wendepfatten-Bezeichnung	Stok Stock Lager	Uç Ölçüleri (mm) Insert Dimension (mm) Abmessung (mm)				
		W	r	t max	E	Dmin
<b>B41.00.0612.085.VP3001</b>	●	6.12	0.85	2.6	4.0	22
<b>B41.00.0713.085.VP3001</b>	●	7.13	0.85	3.3	4.0	22
<b>B41.00.0813.105.VP3001</b>	●	8.13	1.05	3.4	4.0	22
<b>B42.00.1013.105.VP3001</b>	●	10.13	1.05	4.2	6.0	30
<b>B42.00.1215.135.VP3001</b>	●	12.15	1.35	5.1	6.0	38
<b>B42.00.1215.175.VP3001</b>	●	12.15	1.75	6.6	6.0	38
<b>B42.00.1215.225.VP3001</b>	●	12.15	2.25	8.5	6.0	38

Tipik kesme şartları / Typical cutting conditions / Standard-Schneidbedingungen: İlerleme (Vf): 3000-8000 mm/dak (min) / Paso (ap): 0.02-0.08 mm / Vorschub (Vf): 3000-8000 mm/min





DIN6885 (Tolerans P9) torna ve freze tezgahlarında broş çekme uçları.  
 DIN6885 (Tolerance P9) inserts for keyway broaching on lathe and milling machines.  
 DIN6885 (Toleranz P9) Wendeplatten für Keilnutenfertigung auf Dreh- und Fräsmaschinen

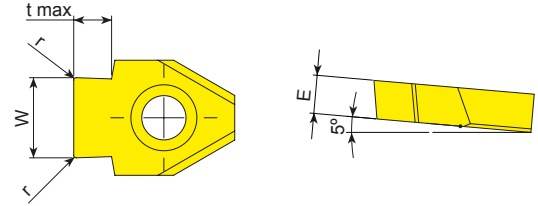


Uç Kodu Insert Code Wendeplatten-Bezeichnung	Stok Stock Lager	Uç Ölçüleri (mm) Insert Dimension (mm) Abmessung (mm)				
		W	r	t max	E	Dmin
B41.00.0498.020.VP3001	●	4.98	0.20	2.7	4.0	17
B41.00.0598.020.VP3001	●	5.98	0.20	3.4	4.0	17
B41.00.0798.020.VP3001	●	7.98	0.20	4.1	4.0	22
B42.00.0998.030.VP3001	●	9.98	0.30	4.2	6.0	30
B42.00.1197.030.VP3001	●	11.97	0.30	5.7	6.0	38
B42.00.1397.030.VP3001	●	13.97	0.30	6.8	6.0	40

Tipik kesme şartları / Typical cutting conditions / Standard-Schneidbedingungen: İlerleme (Vf): 3000-8000 mm/dak (min) / Paso (ap): 0.02-0.08 mm / Vorschub (Vf): 3000-8000 mm/min



DIN6885 (Tolerans JS9) torna ve freze tezgahlarında broş çekme uçları.  
 DIN6885 (Tolerance JS9) inserts for keyway broaching on lathe and milling machines.  
 DIN6885 (Toleranz JS9) Wendeplatten für Keilnutenfertigung auf Dreh- und Fräsmaschinen

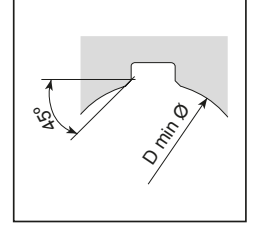
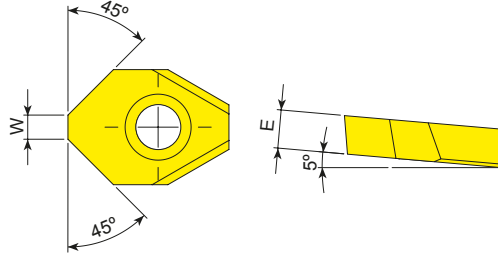


Uç Kodu Insert Code Wendeplatten-Bezeichnung	Stok Stock Lager	Uç Ölçüleri (mm) Insert Dimension (mm) Abmessung (mm)				
		W	r	t max	E	Dmin
B41.00.0501.020.VP3001	●	5.01	0.20	2.7	4.0	17
B41.00.0601.020.VP3001	●	6.01	0.20	3.4	4.0	17
B41.00.0801.020.VP3001	●	8.01	0.20	4.1	4.0	22
B42.00.1001.030.VP3001	●	10.01	0.30	4.2	6.0	30
B42.00.1200.050.VP3001	●	12.00	0.50	8.5	6.0	38
B42.00.1201.030.VP3001	●	12.01	0.30	5.7	6.0	38
B42.00.1401.030.VP3001	●	14.01	0.30	6.8	6.0	40

Tipik kesme şartları / Typical cutting conditions / Standard-Schneidbedingungen: İlerleme (Vf): 3000-8000 mm/dak (min) / Paso (ap): 0.02-0.08 mm / Vorschub (Vf): 3000-8000 mm/min



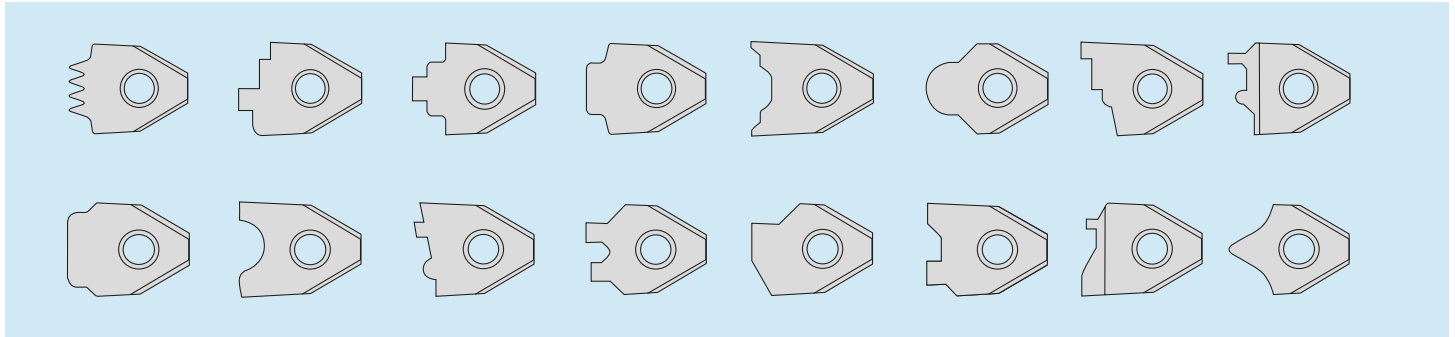
Torna ve freze tezgahlarında  
 kama kanalı pah kırma uçları.  
 Inserts for keyway chamfering on  
 lathe and milling machines.  
 Wendeschneidplatten zum Anfasen von  
 Keilnuten auf Dreh- und Fräsmaschinen



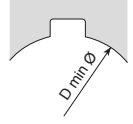
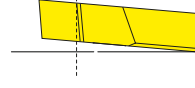
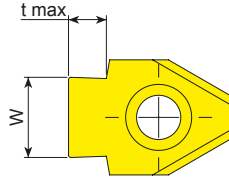
Uç Kodu Insert Code Wendepplatten-Bezeichnung	Stok Stock Lager	Uç Ölçüleri (mm) Insert Dimension (mm) Abmessung (mm)		
		D min	W	E
B41.00.0150.CH.VP3001	●	17	1.5	4.0
B41.00.0300.CH.VP3001	●	22	3.0	4.0
B42.00.0600.CH.VP3001	●	30	6.0	6.0

Tipik kesme şartları / Typical cutting conditions / Standard-Schneidbedingungen: İlerleme (Vf): 3000-8000 mm/dak (min) / Paso (ap): 0.02-0.08 mm / Vorschub (Vf): 3000-8000 mm/min

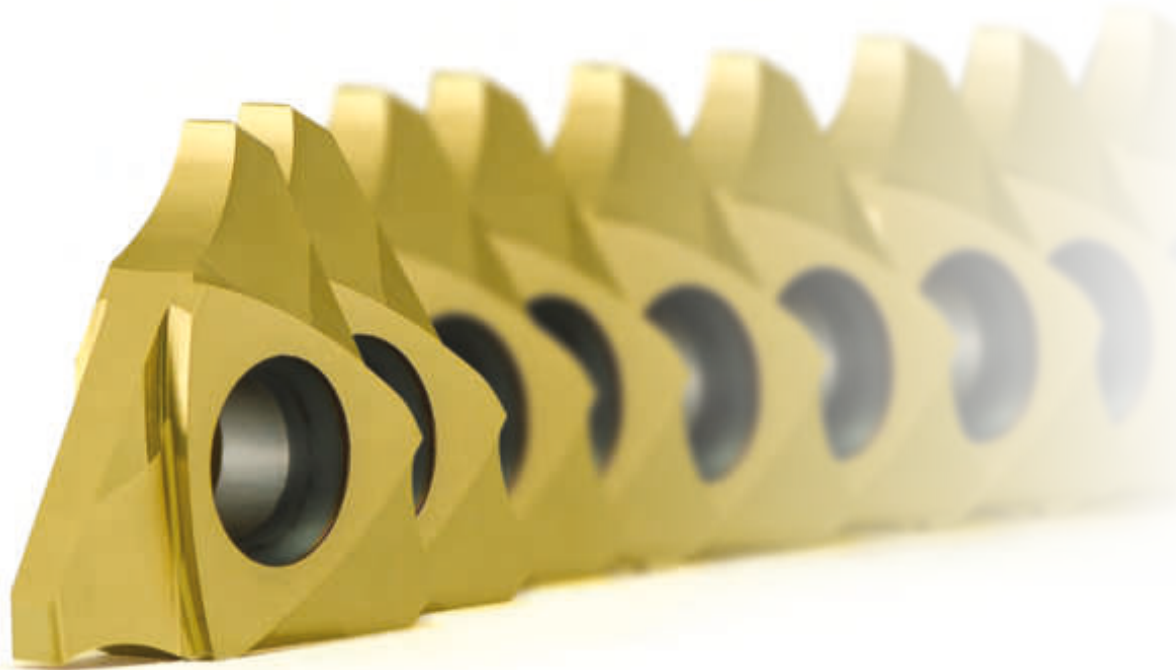
**PROFİL VERİLMİŞ UÇLAR / PROFILED INSERTS / PROFIL-WENDESCHNEIDPLATTEN**  
**ÖRNEK PROFİLLER / EXAMPLES OF PROFILES / BEISPIELE FÜR PROFILE**



Profil uçlar müşterilerimizin özel taleplerine göre üretilmektedir.  
 Profiled inserts are manufactured according to customer special requirements.  
 Die Profil-Wendeschneidplatten werden nach Kundenwunsch gefertigt.



Kanal Geniřliđi Slot Width Stechbreite	Tolerans Tolerance Toleranz	Uç Ölçüsü Insert Size mm Abmessung (mm)	W	t max	Uçlar Inserts Wendeschneidplatten	Uygulanabilir takım ve uç bağlantısı ile Dmin tablosu Applicable Dmin for toolholders and inserts table Entsprechender dmin für Werkzeuge und Wendeschneidplatten				
						ABT-B41-D17...	ABT-B41-D22...	ABT-B42-D30...	ABT-B42-D38...	ABT-B42-D40...
6	C11	6	6.12	2.6	B41.00.0612.085.VP3001		22	X	X	X
7		7	7.13	3.3	B41.00.0713.085.VP3001		27	X	X	X
8		8	8.13	3.4	B41.00.0813.105.VP3001		32	X	X	X
10		10	10.13	4.2	B42.00.1013.105.VP3001	X	X		40	
12		12		5.1	B42.00.1215.135.VP3001	X	X		50	
16		12	12.15	6.6	B42.00.1215.175.VP3001	X	X		70	
24		12		8.5	B42.00.1215.225.VP3001	X	X		100	
5	P9	5	4.98	2.7	B41.00.0498.020.VP3001	17		X	X	X
6		6	5.98	3.4	B41.00.0598.020.VP3001	17		X	X	X
8		8	7.98	4.1	B41.00.0798.020.VP3001		22	X	X	X
10		10	9.98	4.2	B42.00.0998.030.VP3001	X	X	30		
12		12	11.97	5.7	B42.00.1197.030.VP3001	X	X		38	
14		14	13.97	6.8	B42.00.1397.030.VP3001	X	X			40
5	JS9	5	5.01	2.7	B41.00.0501.020.VP3001	17		X	X	X
6		6	6.01	3.4	B41.00.0601.020.VP3001	17		X	X	X
8		8	8.01	4.1	B41.00.0801.020.VP3001		22	X	X	X
10		10	10.01	4.2	B42.00.1001.030.VP3001	X	X	30		
12		12	12.00	8.5	B42.00.1200.050.VP3001	X	X		38	
12		12	12.01	5.7	B42.00.1201.030.VP3001	X	X		38	
14		14	14.01	6.8	B42.00.1401.030.VP3001	X	X			40

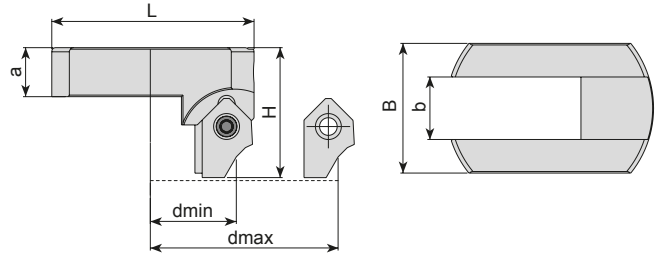









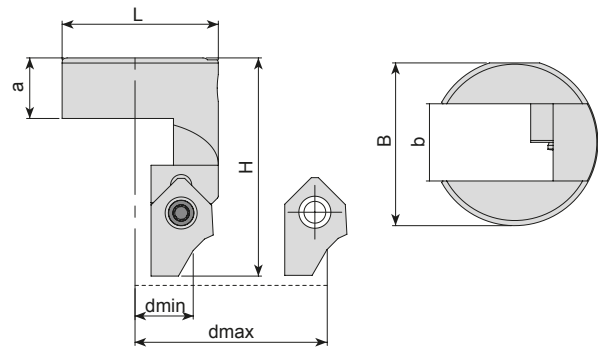
# SUPAP






**SUPAP YUVASI İŞLEME UÇLARI ve TAKIMLARI**  
*VALVE SEAT INSERTS and TOOLHOLDERS*  
*WENDESCHNEIDPLATTEN UND WERKZEUGE FÜR*  
*VENTILSITZBEARBEITUNG*

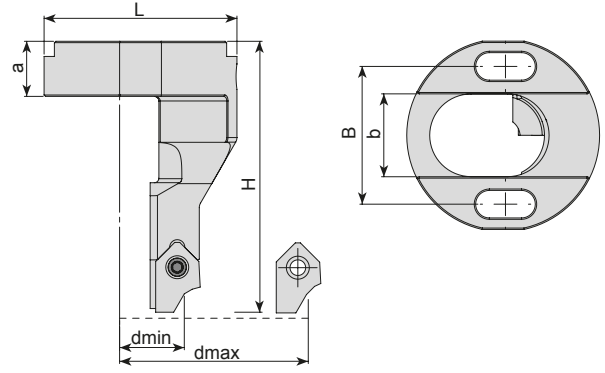




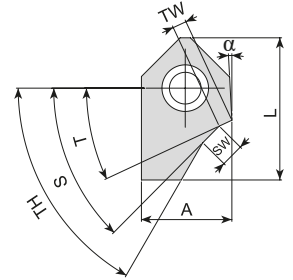
Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)						Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile				
		D min max	L	a	H	b	B		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	Ayar Vidası Adjustable Einstellschraube	Anahtar Allen Key Innensechskantschlüssel	
VST-B11-2842	●	28-42	29	9.5	28.5	12	25.0						
VST-B11-4058	●	40-58	39	9.5	25.0	12	25.0	<b>B11...</b>	3008-M3X8	80-T08	2702-M4x10	AAL-01-02	



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)						Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile				
		D min max	L	a	H	b	B		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	Ayar Vidası Adjustable Einstellschraube	Anahtar Allen Key Innensechskantschlüssel	
VST-B11-1830	●	18-30	24	9.5	34.0	12	25.3						

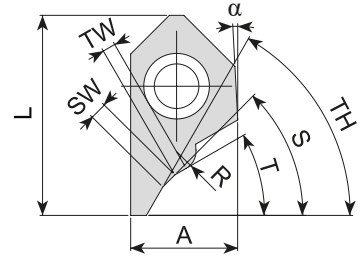


Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)						Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile				
		D min max	L	a	H	b	B		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	Ayar Vidası Adjustable Einstellschraube	Anahtar Allen Key Innensechskantschlüssel	
VST-B11-2032	●	20-32	42	12	59	18	30	B11...	3008-M3X8	80-T08	2702-M4x10	AAL-01-02	



Uç Kodu Insert Code Wendeplatten-Bezeichnung	Stok Stock Lager	Uç Ölçüleri (mm) Insert Dimension (mm) Abmessung (mm)							
		S	SW	T	TW	TH	A	L	α
B11003	●	45	1.3	25	1.1	52	9.7	15.25	3°
B11004	●	45	1.6	25	1.3	52	9.7	15.25	3°
B11005	●	45	2	25	1.3	52	9.7	15.25	3°
B11006	●	45	2.5	25	1.5	52	9.7	15.25	3°
B11007	●	45	1.5	30	1.5	60	9.7	15.25	3°
B11008	●	45	1.3	25	1.1	60	9.7	15.25	3°
B11009	●	45	1.6	25	1.3	60	9.7	15.25	3°
B11010	●	45	2	25	1.3	60	9.7	15.25	3°
B11011	●	30	2	15	1.8	60	9.7	15.25	3°
B11012	●	36	2	15	1.6	60	9.7	15.25	3°
B11014	●	45	2.5	25	1.5	60	9.7	15.25	3°
B11016	●	30	1.5	15	1.3	60	9.7	15.25	3°
B11017	●	30	2.5	15	1.8	60	9.7	15.25	3°
B11018	●	36	2.5	15	1.6	60	9.7	15.25	3°
B11019	●	20	2.5	10	2	75	9.7	15.25	3°
B11020	●	45	1.3	25	1.1	52	7.7	15.25	3°
B11021	●	30	3	15	1.8	60	9.7	15.25	3°
B11022	●	45	3	30	1.8	60	9.7	15.25	3°



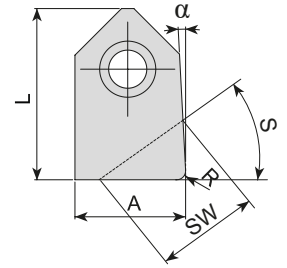


**Uç Kodu**  
**Insert Code**  
Wendeplatten-Bezeichnung

Stok  
Stock  
Lager

Uç Ölçüleri (mm)  
Insert Dimension (mm)  
Abmessung (mm)

Uç Kodu Insert Code Wendeplatten-Bezeichnung	Stok Stock Lager	S	SW	T	TW	TH	A	L	$\alpha$	R
<b>B11013</b>	●	45	1.3	30	1	60	8.15	15.25	3°	1.50



**Uç Kodu**  
**Insert Code**  
Wendeplatten-Bezeichnung

Stok  
Stock  
Lager

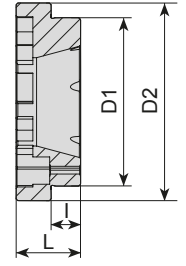
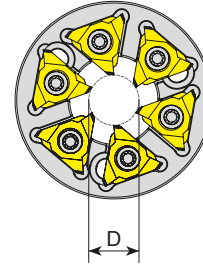
Uç Ölçüleri (mm)  
Insert Dimension (mm)  
Abmessung (mm)

Uç Kodu Insert Code Wendeplatten-Bezeichnung	Stok Stock Lager	S	SW	A	L	$\alpha$	R
<b>B11015</b>	●	0°	9.85	9.85	15.25	3°	0.80
<b>B11023</b>	●	0°	7.7	7.7	15.25	3°	0.80
<b>B11024</b>	●	20°	8.2	9.75	15.25	3°	0.80
<b>B11025</b>	●	25°	10	9.65	15.25	3°	0.80
<b>B11026</b>	●	30°	9	9.65	15.25	3°	0.80
<b>B11027</b>	●	35°	10	9.60	15.25	3°	0.80
<b>B11028</b>	●	45°	8.9	9.55	15.25	3°	0.80

# WHIRLING

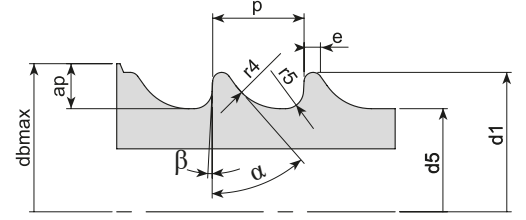
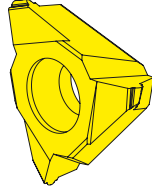
**WHIRLING UÇLARI ve TAKIMLARI**  
*WHIRLING INSERTS and TOOLHOLDERS*  
*WENDESCHNEIDPLATTEN UND WERKZEUGHALTER ZUM*  
*GEWINDEWIRBELN*



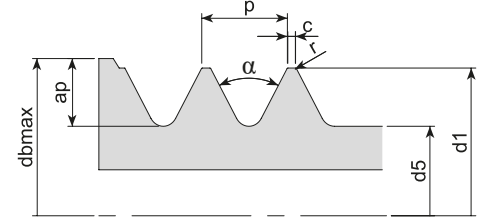
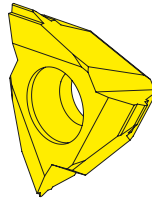
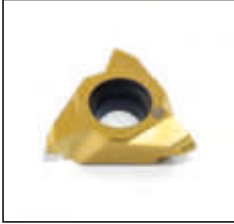


Makine Machine Maschine	Tahrikli Whirling Ünitesi Aggregate Whirling Unit Wirbelspindel	Whirling Ring Kodu Whirling Ring Code Wirbelring	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)						Kesici Uç Insert Wendeschnidplatte	Yedek Parçaları / Spare Parts / Ersatzteile	
				Z	D	D1	D2	I	L		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel
STAR	5914 72 00/68172	ATW-301-T09-D1240-Z06	●	6	12	40	47	7	15			
CITIZEN	BTW1000	ATW-302-T09-D1233-Z06	○	6	12	33	47	4	18.5			
	GSW101	ATW-303-T09-D0620-Z06	○	6	6	20	35	3.2	15			
	MWS101/KSW101	ATW-304-T09-D1240-Z06	○	6	12	40	46	2.5	15.5			
	LSW101/BSW215/ LSW215315											
	LSW424											
TORNOS	306101/307087	ATW-306-T09-D1240-Z06	○	6	12	40	57	3.5	15			
	417617	ATW-307-T09-D1250-Z06	○	6	12	50	67	3.5	15.4			
WTO	TN762004	ATW-308-T09-D1142-Z06	●	6	11	31.97	42	6.7	18.2			
	TN762006	ATW-309-T09-D2054-Z08	○	8	20	56.5	54	1.5	13.8			
TSUGAMI	3234 Y342	ATW-310-T09-D1252-Z06	○	6	12	52	65	8.7	17			
	3268 Y452	ATW-311-T09-D1252-Z06	○	6	12	52	52	10	10			
	3268 Y271	ATW-312-T09-D1252-Z06	○	6	12	52	54	6	19			
	3214 Y342	ATW-313-T09-D1650-Z06	○	6	16	50	62	8.5	20			
	3234 Y342	ATW-314-T09-D2052-Z06	○	6	20	52	65	8.7	17			
HANWHA	MADAULA	ATW-315-T09-D1245-Z06	○	6	12	45	56	8.5	15			

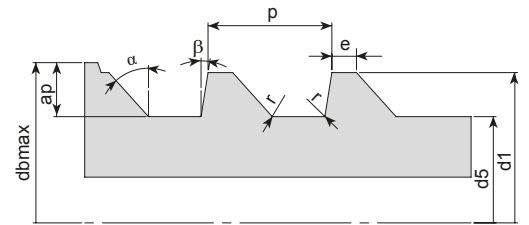
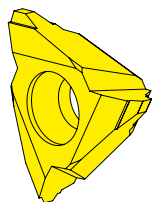




Uç Kodu Insert Code Wendeplatten-Bezeichnung	Kalite Grade Sorte		Standart ISO5835	Uç Ölçüleri (mm) Insert Dimension (mm) Abmessung (mm)									
	VK15U	VK15U01		P	e	d1	d5	r4	r5	$\alpha$	$\beta$	ap	dbmax
T09.HA150.D12	○	○	HA1.5	0.5	0.1	1.35 to 1.5	1.0 to 1.1	0.30	0.1	35°	3°	4	9
T09.HA200.D12	○	○	HA2.0	0.6	0.1	1.85 to 2.0	1.2 to 1.3	0.40	0.1	35°	3°	4	9
T09.HA270.D12	●	●	HA2.7	1	0.1	2.55 to 2.7	1.75 to 1.9	0.60	0.2	35°	3°	4	9.5
T09.HA350.D12	●	●	HA3.5	1.25	0.1	3.35 to 3.5	2.25 to 2.4	0.80	0.2	35°	3°	4	10
T09.HA400.D12	○	○	HA4.0	1.5	0.1	3.85 to 4.0	2.75 to 2.9	0.80	0.2	35°	3°	4	10.5
T09.HA450.D12	●	●	HA4.5	1.75	0.1	4.35 to 4.5	2.85 to 3.0	1.00	0.3	35°	3°	4	11
T09.HA500.D12	○	○	HA5.0	1.75	0.1	4.85 to 5.0	3.35 to 3.5	1.00	0.3	35°	3°	4	11
T09.HB400.D12	○	○	HB4.0	1.75	0.1	3.85 to 4.0	1.75 to 1.9	0.80	0.3	25°	5°	4	9.5
T09.HB650.D12	○	○	HB6.5	2.75	0.2	6.35 to 6.5	2.85 to 3.0	1.20	0.8	25°	5°	4	11



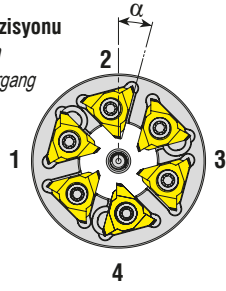
Uç Kodu Insert Code Wendeplatten-Bezeichnung	Kalite Grade Sorte		Standart ISO9268	Uç Ölçüleri (mm) Insert Dimension (mm) Abmessung (mm)								
	VK15U	VK15U01		P	e	d1	d5	$\alpha$	c	r	ap	dbmax
T09.HC290.D12	○	○	HC2.9	1.06	0.1	2.79 to 2.90	2.03 to 2.18	60°	0.1	0.01	4	10.5
T09.HC350.D12	○	○	HC3.5	1.27	0.1	3.43 to 3.53	2.51 to 2.64	60°	0.1	0.01	4	11
T09.HC390.D12	○	○	HC3.9	1.27	0.1	3.78 to 3.91	2.77 to 2.92	60°	0.1	0.01	4	11.5
T09.HC420.D12	○	○	HC4.2	1.27	0.1	4.09 to 4.22	2.95 to 3.25	60°	0.1	0.01	4	12



Uç Kodu Insert Code Wendeplatten-Bezeichnung	Kalite Grade Sorte		Standart ISO9268	Uç Ölçüleri (mm) Insert Dimension (mm) Abmessung (mm)									
	VK15U	VK15U01		P	e	d1	d5	e	r	$\alpha$	$\beta$	ap	dbmax
T09.HD400.D12	○	○	HD4.0	1.59	0.1	3.97 to 4.03	2.89 to 2.95	0.1	0.01	45°	10°	4	11.5
T09.HD450.D12	○	○	HD4.5	2.18	0.1	4.47 to 4.53	2.89 to 2.95	0.1	0.01	45°	10°	4	12

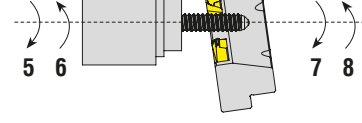


Kesme başlangıç pozisyonu  
Cutting Start Position  
Startposition Schneidvorgang



Y Eksen  
Y Axis  
Y-Achse

İş parçası dönüş yönü  
Turning Direction of Workpiece  
Drehrichtung Werkstück



Whirling ünitesi dönüş yönü  
Turning Direction of Whirling unit  
Drehrichtung Gewindewirbel  
Werkzeug

Makine Özellikleri Machine Specifications Angaben zur Maschine		Malzeme Özellikleri Material Specifications Material Besonderheiten
<b>Makine Üreticisi</b> Machine Manufacturer Maschinenhersteller		<b>Malzeme (DIN, AISI v.b.)</b> Material (DIN, AISI etc.) Material DIN, AISI etc.
<b>Makine Modeli</b> Machine Model Maschinenbezeichnung		<b>Ham Malzeme Çapı</b> Raw Material Diameter Rohmaterial Durchmesser
<b>Canlı Takım Üreticisi</b> Live Tool Manufacturer Hersteller angetriebene Werkzeuge		<b>Diş Profili</b> Thread Profile Gewindeprofil
<b>Canlı Takım Tipi</b> Live Tool Type Ausführung angetriebene Werkzeuge		<b>Profil Teknik Resmi</b> Profile Technical Drawing Profilzeichnung
<b>Y - Eksen</b> Y - Axis Y - Achse	<b>Var</b> Exist <input type="checkbox"/> Ja	<b>Yok</b> None <input type="checkbox"/> Nein
<b>Yüksek Basıncılı Soğutma</b> High Pressure Coolant Hochdruckkühlung	<b>Var</b> Exist <input type="checkbox"/> Ja	<b>Yok</b> None <input type="checkbox"/> Nein
<b>Kesme Başlangıç Pozisyonu</b> Cutting Start Position Startposition Schneidvorgang	1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/>	<b>Hatve</b> Pitch Steigung
<b>Whirling Ünitesi Dönüş Yönü</b> Turning Direction of Whirling Unit Drehrichtung Gewindewirbel-Werkzeug	5 <input type="checkbox"/> 6 <input type="checkbox"/>	<b>Tek Ağız</b> One Start Eingängig
<b>İş Parçası Dönüş Yönü</b> Turning Direction of Workpiece Drehrichtung Werkstück	7 <input type="checkbox"/> 8 <input type="checkbox"/>	<b>İki Ağız</b> Two Starts Zweigängig
<b>α Açısı</b> α Angle α Winkel	<b>Not: Bu açı ürün performansına etki ettiğinden bildirilmesi gerekmektedir. Aksi halinde ring tarafımıza gönderilmelidir.</b> Note: This angle effects the performance of inserts. If doesn't known, tool body should be send to AKKO. Hinweis: Dieser Winkel beeinflusst die Leistung der Wendeschneidplatte. Sollte dieser Winkel unbekannt sein, können Sie das Werkzeug zur Fa. AKKO schicken.	
<b>Not / Note / Notizen :</b>		



**DIŞ TORNA TAKIMLARI**  
*EXTERNAL TURNING TOOLHOLDERS*  
*DREHEN - AUßENDREHHALTER*

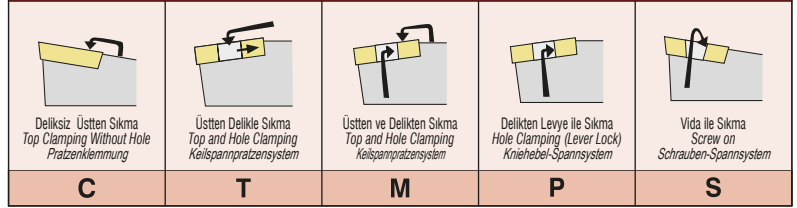




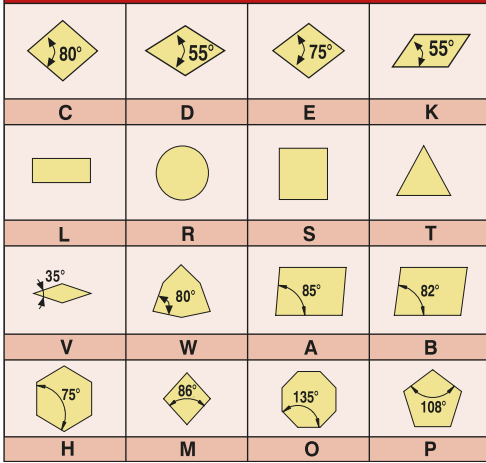
**P** **S** **K** **N** **R**

1 2 3 4 5

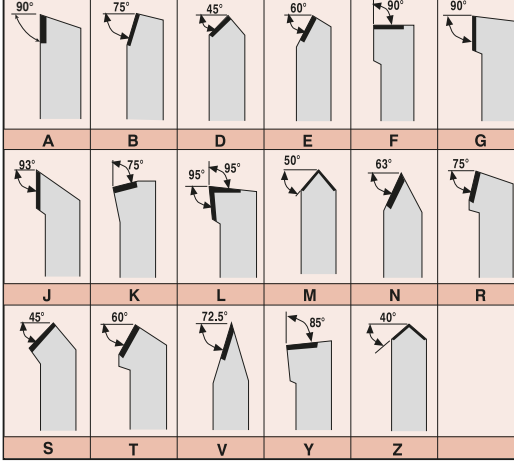
**1** Sıkma Tipi / Method of Mounting of Insert / Klemmsystem



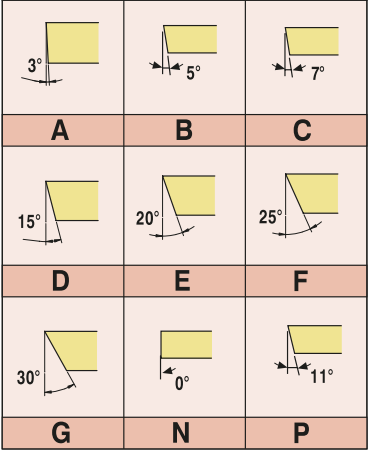
**2** Uç Tipi / Type of Insert / Plattenform



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



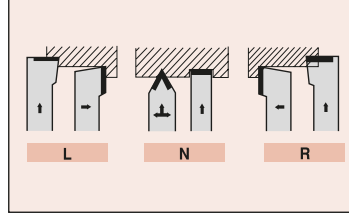
**4** Serbest Uç Açısı / Insert Clearance Angle / Freiwinkel



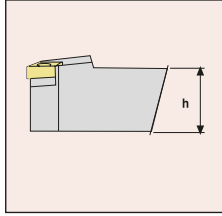
**25** **25** - **M** **12** **C**

6 7 8 9 10

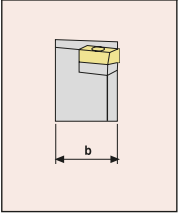
**5** Kesme Yönü / Cutting Direction / Halterausführung



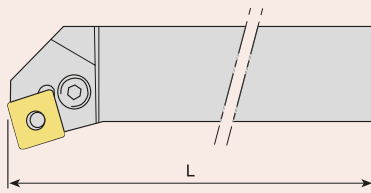
**6** Kesme Kenar Yüksekliği / Cutting Edge Height / Schaffhöhe



**7** Şaft Genişliği / Shank Width / Schaffbreite



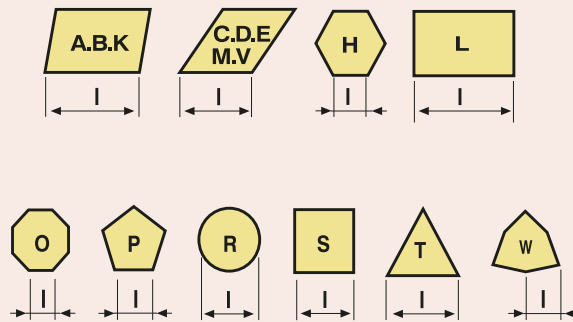
**8** Şaft Boyu / Shank Length / Schafflänge



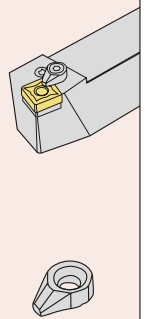
(mm)

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





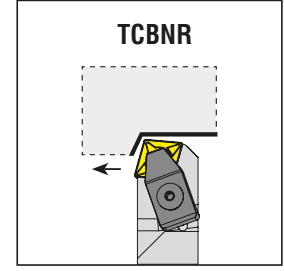
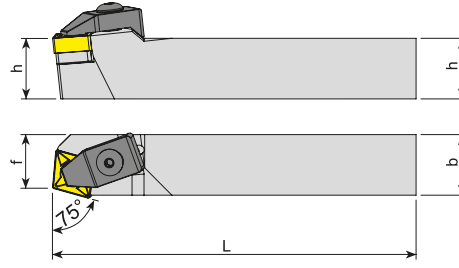
*konusulan  
the spoken kalite...  
quality...*

# T-SİSTEM

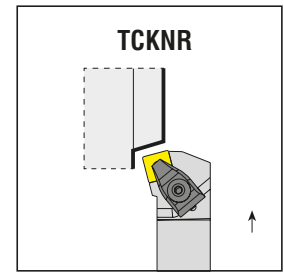
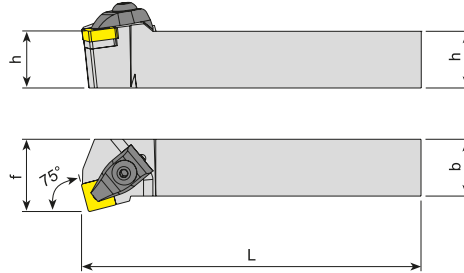
**T-SİSTEM DIŞ TORNA KATERLERİ**  
T-SYSTEM EXTERNAL TURNING TOOLHOLDERS  
T-SYSTEM AUSSEN - DREHHALTER







Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)				Kesici Uç Insert Wendeschneidplatte	Baskı Pabucu Wedge Clamp Spannpratze	Pabuç Vidası Clamp Screw Klemmschraube	Altlık Shim Unterlage	Altlık Vidası Shim Screw Schraube für Unterlage	Sekman Ring Feder	Pul Stamp Ring	Anahtar Allen Key Innensechskantschlüssel
	R	L	h	b	L	f								
TCBNR/L 2525 M16	●	●	25	25	150	22						-		
							<b>CNM. 1606..</b>	ATK-04	AKV-19-M7x25	AACN-3-0002	AAV-05-M6x15		ABPL-02	AAL-05-4



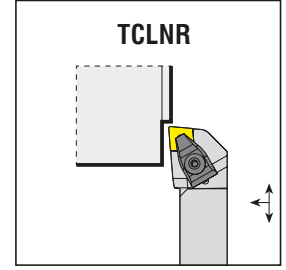
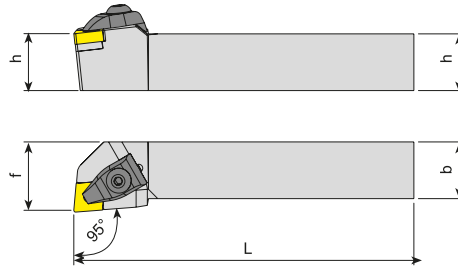
Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)				Kesici Uç Insert Wendeschneidplatte	Baskı Pabucu Wedge Clamp Spannpratze	Pabuç Vidası Clamp Screw Klemmschraube	Altlık Shim Unterlage	Altlık Vidası Shim Screw Schraube für Unterlage	Sekman Ring Feder	Pul Stamp Ring	Anahtar Allen Key Innensechskantschlüssel
	R	L	h	b	L	f								
TCKNR/L 2020 K12	●	●	20	20	125	25								
2525 M12	●	●	25	25	150	32	<b>CNM. 1204..</b>	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	<b>CNM. 1606..</b>	ATK-04	AKV-19-M7x25	AACN-3-0002	AAV-05-M6x15	-	ABPL-02	AAL-05-4
3232 P16	●	●	32	32	170	40								

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

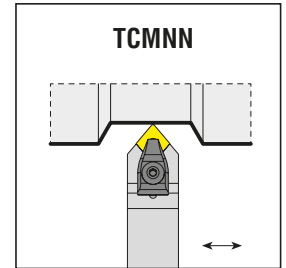
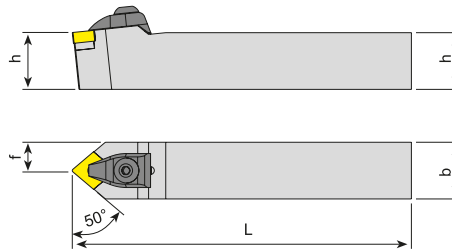
● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage

Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück TCBNR 2525 M16



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



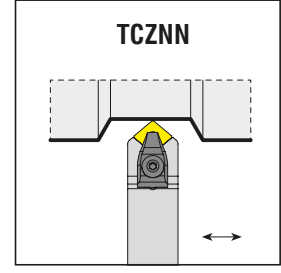
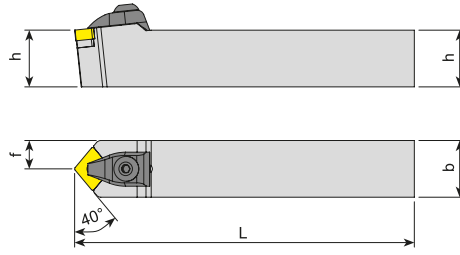
Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)				Kesici Uç Insert Wendeschneidplatte	Baskı Pabucu Wedge Clamp Spannpratze	Pabuç Vidası Clamp Screw Klemmschraube	Altlık Shim Unterlage	Altlık Vidası Shim Screw Schraube für Unterlage	Sekman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

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

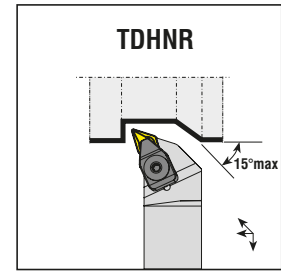
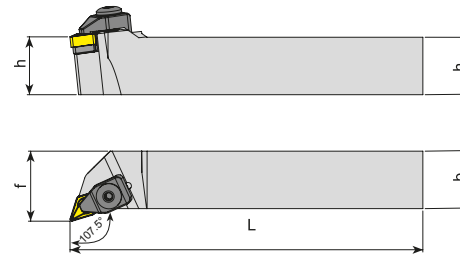
● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage

Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück TCLNR 2020 K12



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



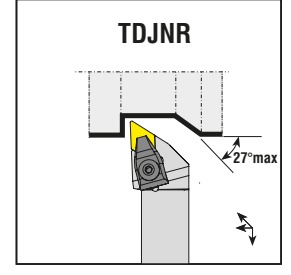
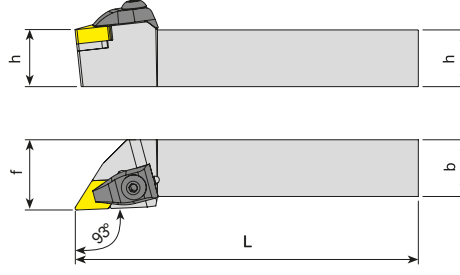
Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)				Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile						
	R	L	h	b	L	f		Baskı Pabucu Wedge Clamp Spannpratze	Pabuç Vidası Clamp Screw Klemmschraube	Altlık Shim Unterlage	Altlık Vidası Shim Screw Schraube für Unterlage	Sekman Ring Feder	Pul Stamp Ring	Anahtar Allen Key Innensechskantschlüssel
<b>TDHNR/L 2525 M11</b>	○	●	25	25	150	31								
<b>2020 K15</b>	●	●	20	20	125	25								
<b>2525 M15</b>	●	●	25	25	150	32	<b>DNM. 1506..</b>							
<b>3232 P15</b>	●	●	32	32	170	40								

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

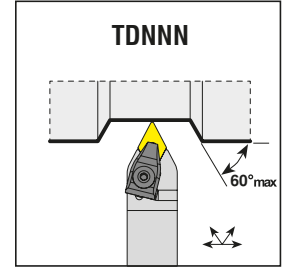
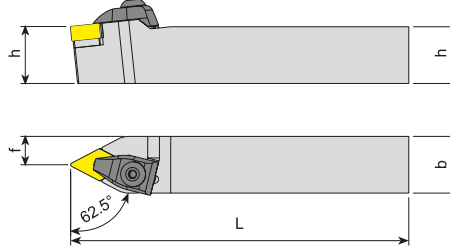
● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage

Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück TCZNN 2020 K12



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)				Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile						
	R	L	h	b	L	f		Baskı Pabucu Wedge Clamp Spannpratze	Pabuç Vidası Clamp Screw Klemmschraube	Altık Shim Unterlage	Altık Vidası Shim Screw Schraube für Unterlage	Sekman Ring Feder	Pul Stamp Ring	Anahtar Allen Key Innerschlüssell
<b>TDJNR/L 1616 H11</b>	●	●	16	16	100	20	<b>DNM. 1104..</b>					-		
<b>2020 K11</b>	●	●	20	20	125	25								
<b>2525 M11</b>	●	●	25	25	150	32								
<b>2020 K15</b>	●	●	20	20	125	25	<b>DNM. 1506..</b>					AS-01		
<b>2525 M15</b>	●	●	25	25	150	32								
<b>3232 P15</b>	●	●	32	32	170	40								
<b>4040 S15</b>	●	●	40	40	250	50								
<b>5050 S15</b>	○	○	50	50	250	63								
<b>2020 K1504</b>	●	●	20	20	125	25	<b>DNM. 1504..</b>					AS-01		
<b>2525 M1504</b>	●	●	25	25	150	32								
<b>3232 P1504</b>	●	●	32	32	170	40								
<b>4040 S1504</b>	●	●	40	40	250	50								



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)				Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile						
	R	L	h	b	L	f		Baskı Pabucu Wedge Clamp Spannpratze	Pabuç Vidası Clamp Screw Klemmschraube	Altık Shim Unterlage	Altık Vidası Shim Screw Schraube für Unterlage	Sekman Ring Feder	Pul Stamp Ring	Anahtar Allen Key Innerschlüssell
<b>TDNNN 1616 H11</b>	●	●	16	16	100	8	<b>DNM. 1104..</b>					-		
<b>2020 K11</b>	●	●	20	20	125	10								
<b>2525 M11</b>	●	●	25	25	150	12.5								
<b>2020 K15</b>	●	●	20	20	125	10	<b>DNM. 1506..</b>					AS-01		
<b>2525 M15</b>	●	●	25	25	150	12.5								
<b>3232 P15</b>	●	●	32	32	170	16								
<b>4040 S15</b>	○	○	40	40	250	20								
<b>5050 S15</b>	○	○	50	50	250	25								

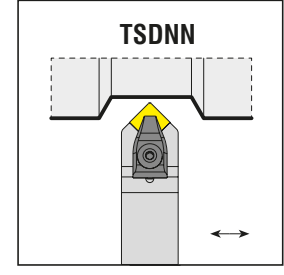
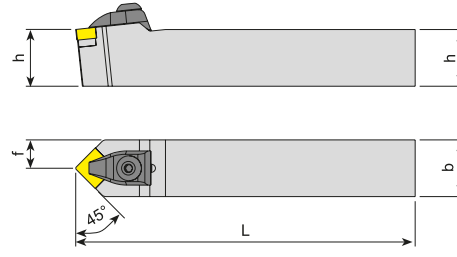
R: Sağ / Right / Rechts L: Sol/Left/Links

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

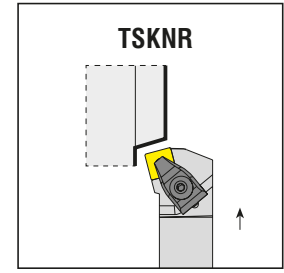
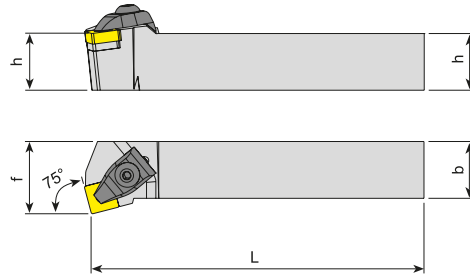
Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück TDJNR 1616 H11





Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)				Kesici Uç Insert Wendeschnidplatte	Yedek Parçaları / Spare Parts / Ersatzteile						
	R	L	h	b	L	f		Baskı Pabucu Wedge Clamp Spannpratze	Pabuç Vidası Clamp Screw Klemmschraube	Altlık Shim Unterlage	Altlık Vidası Shim Screw Schraube für Unterlage	Sekman Ring Feder	Pul Stamp Ring	Anahtar Allen Key Inmenschenschlüssel
<b>TSDNN 1616 H12</b>	●		16	16	100	8								
<b>2020 K12</b>	●		20	20	125	10								
<b>2525 M12</b>	●		25	25	150	12.5								
<b>3232 P12</b>	●		32	32	170	16								
<b>2525 M15</b>	○		25	25	150	12.5						-		
<b>3232 P15</b>	○		32	32	170	16								
<b>4040 S15</b>	○		40	40	250	20								



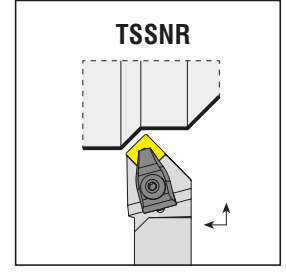
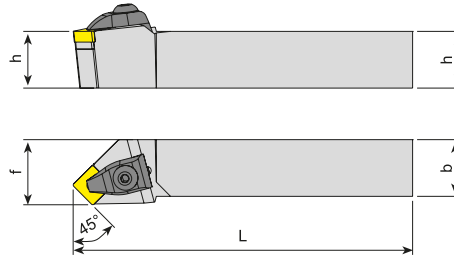
Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)				Kesici Uç Insert Wendeschnidplatte	Yedek Parçaları / Spare Parts / Ersatzteile						
	R	L	h	b	L	f		Baskı Pabucu Wedge Clamp Spannpratze	Pabuç Vidası Clamp Screw Klemmschraube	Altlık Shim Unterlage	Altlık Vidası Shim Screw Schraube für Unterlage	Sekman Ring Feder	Pul Stamp Ring	Anahtar Allen Key Inmenschenschlüssel
<b>TSKNR/L 2020 K12</b>	●	●	20	20	125	25								
<b>2525 M12</b>	●	●	25	25	150	32								
<b>3232 P12</b>	●	●	32	32	170	40								
<b>3232 P15</b>	●	●	32	32	170	40								
												-		

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

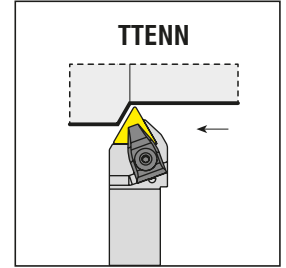
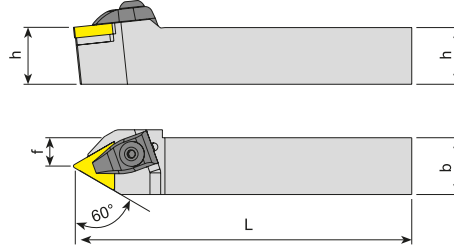
● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage

Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück TSDNN 1616 H12



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)				Kesici Uç Insert Wendescheidplatte	Baskı Pabucu Wedge Clamp Spannpratze	Pabuç Vidası Clamp Screw Klemmschraube	Altlık Shim Unterlage	Altlık Vidası Shim Screw Schraube für Unterlage	Sekman Ring Feder	Pul Stamp Ring	Anahtar Allen Key Inmenschenschlüssel								
	R	L	h	b	L	f																
<b>TSSNR/L 2020 K12</b>	●	●	20	20	125	25																
<b>2525 M12</b>	●	●	25	25	150	32									<b>SNM. 1204..</b>	ATK-02	AKV-30-M6x22	AASN-3-0004	AAV-02-M5x12	AS-01	ABPL-01	AAL-03-3
<b>3232 P12</b>	●	●	32	32	170	40																
<b>2525 M15</b>	●	●	25	25	150	32	<b>SNM. 1506..</b>	ATK-04	AKV-19-M7x25	AASN-3-0023	AAV-05-M6x15	-	ABPL-02	AAL-05-4								
<b>3232 P15</b>	●	●	32	32	170	40																



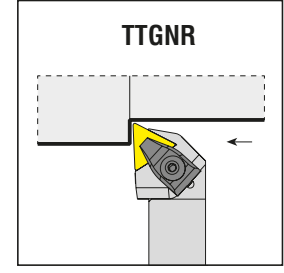
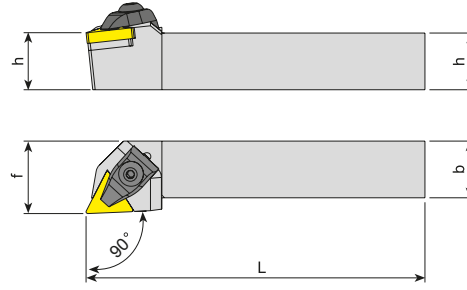
Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)				Kesici Uç Insert Wendescheidplatte	Baskı Pabucu Wedge Clamp Spannpratze	Pabuç Vidası Clamp Screw Klemmschraube	Altlık Shim Unterlage	Altlık Vidası Shim Screw Schraube für Unterlage	Sekman Ring Feder	Pul Stamp Ring	Anahtar Allen Key Inmenschenschlüssel								
	R	L	h	b	L	f																
<b>TTENN 2020 K16</b>	●	○	20	20	125	10																
<b>2525 M16</b>	●	○	25	25	150	12.5									<b>TNM. 1604..</b>	ATK-01	AKV-01-M5x22	AATN-2-0002	AAV-03-M5x12	-	ABPL-01	AAL-03-3
<b>3232 P16</b>	●	○	32	32	170	16																
<b>2525 M22</b>	●	○	25	25	150	12.5	<b>TNM. 2204..</b>	ATK-02	AKV-30-M6x22	AATN-3-0015	AAV-02-M5x12	AS-01	ABPL-01	AAL-03-3								
<b>3232 P22</b>	●	○	32	32	170	16																
<b>4040 S22</b>	○	○	40	40	250	20																

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

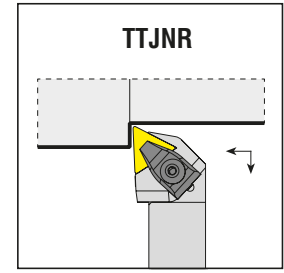
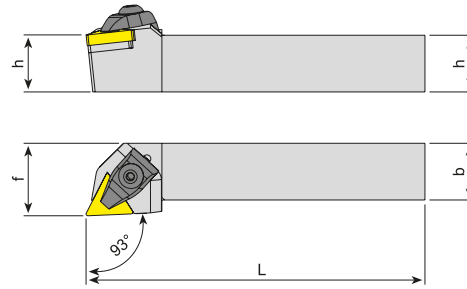
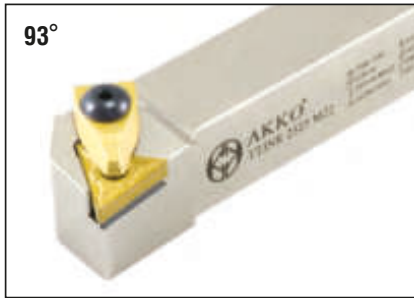
● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage

Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück TSSNR 2020 K12



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



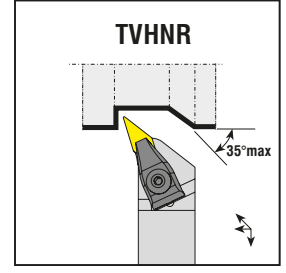
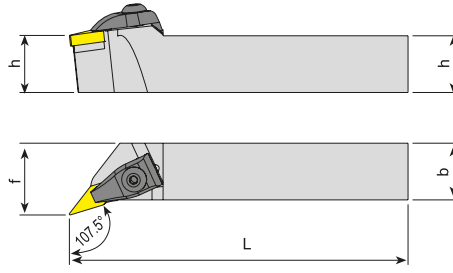
Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)				Kesici Uç Insert Wendeschneidplatte	Baskı Pabucu Wedge Clamp Spannpratze	Pabuç Vidası Clamp Screw Klemmschraube	Altlık Shim Unterlage	Altlık Vidası Shim Screw Schraube für Unterlage	Sekman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

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

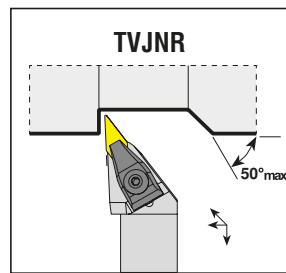
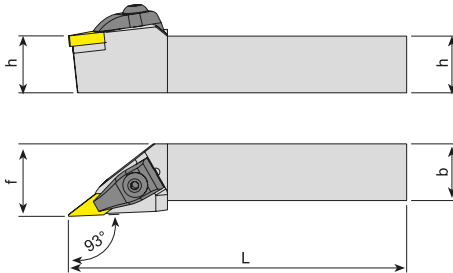
● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage

Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück TTGNR 2020 K16



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)				Kesici Uç Insert Wendescheidplatte	Baskı Pabucu Wedge Clamp Spannpratze	Pabuç Vidası Clamp Screw Klemmschraube	Altlık Shim Unterlage	Altlık Vidası Shim Screw Schraube für Unterlage	Sekman Ring Feder	Pul Stamp Ring	Anahtar Allen Key Inmenschlüssel
	R	L	h	b	L	f								
TVHNR/L 2020 K16	●	●	20	20	125	25	VNM. 1604..	ATK-03	AKV-30-M6x22	AAVN-2-0002	AAV-04-M5x12	AS-01	ABPL-01	AAL-03-3
2525 M16	●	●	25	25	150	32								
3232 P16	●	●	32	32	170	40								

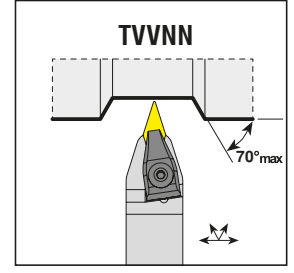
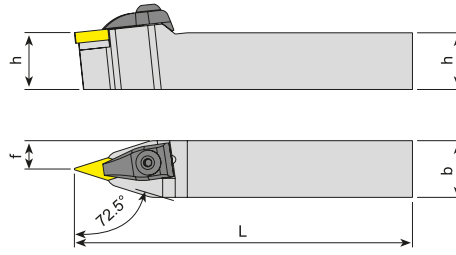


Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)				Kesici Uç Insert Wendescheidplatte	Baskı Pabucu Wedge Clamp Spannpratze	Pabuç Vidası Clamp Screw Klemmschraube	Altlık Shim Unterlage	Altlık Vidası Shim Screw Schraube für Unterlage	Sekman Ring Feder	Pul Stamp Ring	Anahtar Allen Key Inmenschlüssel
	R	L	h	b	L	f								
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

Takım Ölçüleri (mm)  
Dimension (mm)  
Abmessung (mm)

Kesici Uç  
Insert  
Wendescheidplatte

Baskı Pabucu  
Wedge Clamp  
Spannpratze

Pabuç Vidası  
Clamp Screw  
Klemmschraube

Altılık  
Shim  
Unterlage

Altılık Vidası  
Shim Screw  
Schraube für Unterlage

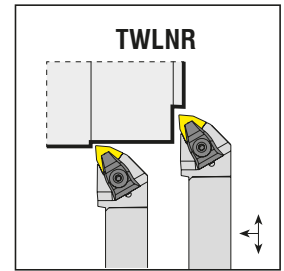
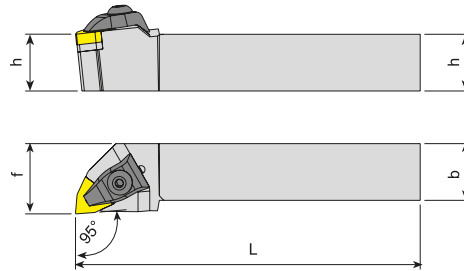
Sekman  
Ring  
Feder

Pul  
Stamp  
Ring

Anahtar  
Allen Key  
Inmenschlüsselschlüssel

Yedek Parçaları / Spare Parts / Ersatzteile

Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)				Kesici Uç Insert Wendescheidplatte	Baskı Pabucu Wedge Clamp Spannpratze	Pabuç Vidası Clamp Screw Klemmschraube	Altılık Shim Unterlage	Altılık Vidası Shim Screw Schraube für Unterlage	Sekman Ring Feder	Pul Stamp Ring	Anahtar Allen Key Inmenschlüsselschlüssel
	R	L	h	b	L	f								
<b>TVVNN 2020 K16</b>	●		20	20	125	10								
<b>2525 M16</b>	●		25	25	150	12.5								
<b>3232 P16</b>	●		32	32	170	16								
							<b>VNM. 1604..</b>	ATK-03	AKV-30-M6x22	AAVN-2-0002	AAV-04-M5x12	AS-01	ABPL-01	AAL-03-3



**Takım Kodu**  
**Ordering Code**  
**Bestell-Bezeichnung**

Stok  
Stock  
Lager

Takım Ölçüleri (mm)  
Dimension (mm)  
Abmessung (mm)

Kesici Uç  
Insert  
Wendescheidplatte

Baskı Pabucu  
Wedge Clamp  
Spannpratze

Pabuç Vidası  
Clamp Screw  
Klemmschraube

Altılık  
Shim  
Unterlage

Altılık Vidası  
Shim Screw  
Schraube für Unterlage

Sekman  
Ring  
Feder

Pul  
Stamp  
Ring

Anahtar  
Allen Key  
Inmenschlüsselschlüssel

Yedek Parçaları / Spare Parts / Ersatzteile

Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)				Kesici Uç Insert Wendescheidplatte	Baskı Pabucu Wedge Clamp Spannpratze	Pabuç Vidası Clamp Screw Klemmschraube	Altılık Shim Unterlage	Altılık Vidası Shim Screw Schraube für Unterlage	Sekman Ring Feder	Pul Stamp Ring	Anahtar Allen Key Inmenschlüsselschlüssel
	R	L	h	b	L	f								
<b>TWLNR/L 1616 H06</b>	●	●	16	16	100	20								
<b>2020 K06</b>	●	●	20	20	125	25								
<b>2525 M06</b>	●	●	25	25	150	32								
<b>2020 K08</b>	●	●	20	20	125	25	<b>VNM. 0604..</b>	ATK-01	AKV-01-M5x22	AAWN-SW317	AAV-01-M3x10	-		
<b>2525 M08</b>	●	●	25	25	150	32								
<b>3232 P08</b>	●	●	32	32	170	40								
<b>4040 S08</b>	●	●	40	40	250	50								
<b>5050 S08</b>	○	○	50	50	250	63								
							<b>VNM. 0804..</b>	ATK-02	AKV-30-M6x22	AAWN-3-0001	AAV-02-M5x12	AS-01	ABPL-01	AAL-03-3

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

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

Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück TVVNN 2020 K16

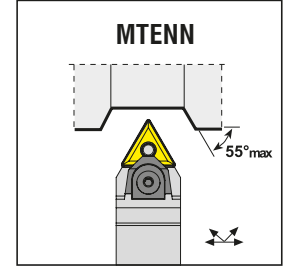
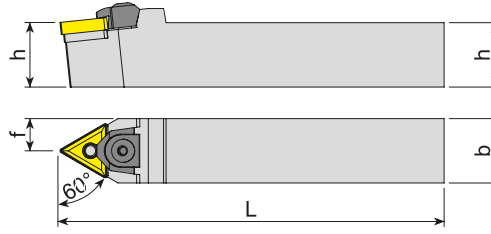


*konusulan  
the spoken kalite...  
quality...*

# M-SİSTEM

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





**Takım 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

Ahtık  
Shim  
Unterlage

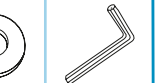
Pim  
Pin  
Stift

Sekman  
Ring  
Feder

Pul  
Stamp  
Ring

Anahtar  
Allen Key  
Innensechskantschlüssel

h b L f



**MTENN 2020 K16**  
**2525 M16**  
**3232 P16**  
**2525 M22**  
**3232 P22**  
**4040 S22**

● 20 20 125 10  
● 25 25 150 12.5  
● 32 32 170 16  
● 25 25 150 12.5  
● 32 32 170 16  
● 40 40 250 20

**TNM. 1604..**

**TNM. 2204..**

AMK-04

AKV-30-M6x22

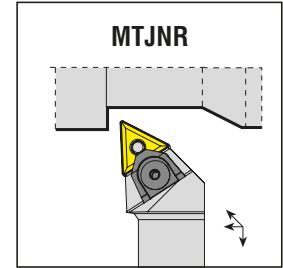
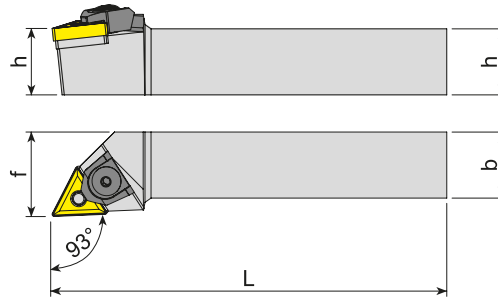
AATN-2-0002

APM-01

AS-01

ABPL-01

AAL-03-3



**Takım Kodu**  
**Ordering Code**  
**Bestell-Bezeichnung**

Stok  
Stock  
Lager

Takım Ölçüleri (mm)  
Dimension (mm)  
Abmessung (mm)

Kesici Uç  
Insert  
Wendeschneidplatte

Yedek Parçaları / Spare Parts / Ersatzteile

Baskı Pabucu  
Wedge Clamp  
Spannpratze

Pabuç Vidası  
Clamp Screw  
Klemmschraube

Ahtık  
Shim  
Unterlage

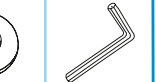
Pim  
Pin  
Stift

Sekman  
Ring  
Feder

Pul  
Stamp  
Ring

Anahtar  
Allen Key  
Innensechskantschlüssel

R L h b L f



**MTJNR/L 2020 K16**  
**2525 M16**  
**3232 P16**  
**2525 M22**  
**3232 P22**  
**4040 S22**

● ● 20 20 125 25  
● ● 25 25 150 32  
● ● 32 32 170 40  
● ● 25 25 150 32  
● ● 32 32 170 40  
● ● 40 40 250 50

**TNM. 1604..**

**TNM. 2204..**

AMK-04

AKV-30-M6x22

AATN-2-0002

APM-01

AS-01

ABPL-01

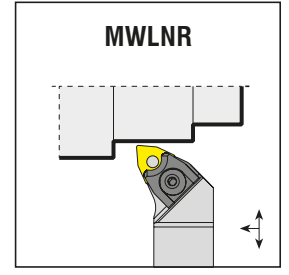
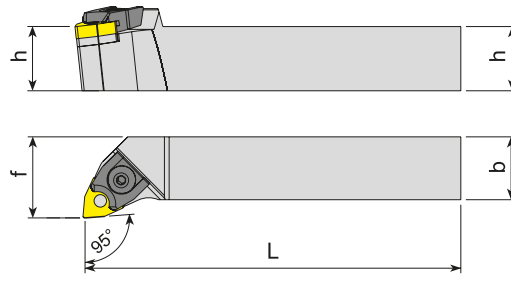
AAL-03-3

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

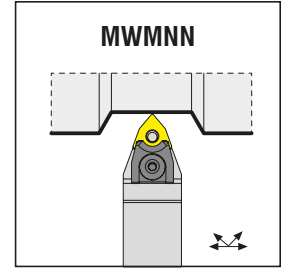
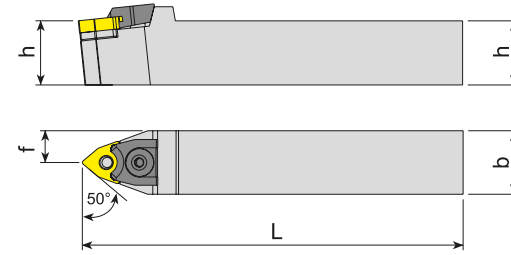
● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage

Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück MTJNR 2020 K16



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)				Kesici Uç Insert Wendeschneidplatte	Baskı Pabucu Wedge Clamp Spannpratze	Pabuç Vidası Clamp Screw Klemmschraube	Altık Shim Unterlage	Pim Pin Stift	Sekman Ring Feder	Pul Stamp Ring	Anahtar Allen Key Innensechskantschlüssel
	R	L	h	b	L	f								
<b>MWLNR/L 1616 H06</b>	●	●	16	16	100	20								
<b>2020 K06</b>	●	●	20	20	125	25								
<b>2525 M06</b>	●	●	25	25	150	32								
<b>2020 K08</b>	●	●	20	20	125	25								
<b>2525 M08</b>	●	●	25	25	150	32								
<b>3232 P08</b>	●	●	32	32	170	40								
							<b>WNM. 0604..</b>	AMK-01	AKV-04-M5x17	-	APM-08	-	-	AAL-03-3
							<b>WNM. 0804..</b>	AMK-05	AKV-03-M6x22	AAWN-3-0001	APM-02	AS-01	ABPL-01	



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)				Kesici Uç Insert Wendeschneidplatte	Baskı Pabucu Wedge Clamp Spannpratze	Pabuç Vidası Clamp Screw Klemmschraube	Altık Shim Unterlage	Pim Pin Stift	Sekman Ring Feder	Pul Stamp Ring	Anahtar Allen Key Innensechskantschlüssel
	R	L	h	b	L	f								
<b>MWMNN 1616 H06</b>	●	●	16	16	100	8								
<b>2020 K06</b>	●	●	20	20	125	10								
<b>2525 M06</b>	●	●	25	25	150	12.5								
<b>2020 K08</b>	●	●	20	20	125	10								
<b>2525 M08</b>	●	●	25	25	150	12.5								
<b>3232 P08</b>	●	●	32	32	170	16								
							<b>WNM. 0604..</b>	AMK-01	AKV-04-M5x17	-	APM-08	-	-	AAL-03-3
							<b>WNM. 0804..</b>	AMK-05	AKV-03-M6x22	AAWN-3-0001	APM-02	AS-01	ABPL-01	

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

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

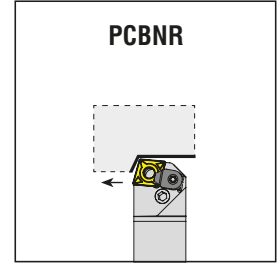
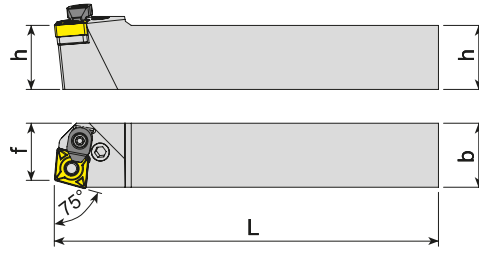


# P-SİSTEM

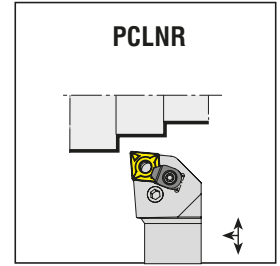
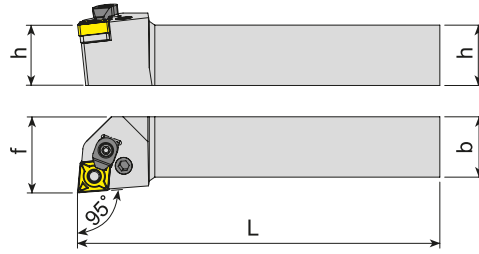
**P-SİSTEM DIŞ TORNA KATERLERİ**  
P-SYSTEM EXTERNAL TURNING TOOLHOLDERS  
P-SYSTEM AUSSEN - DREHHALTER

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





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



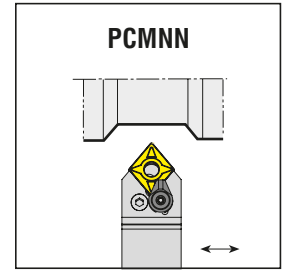
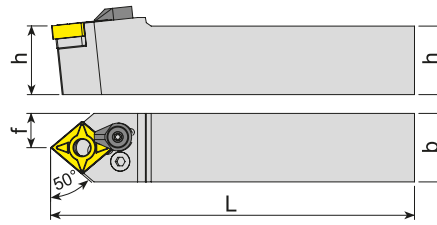
Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)				Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile						
	R	L	h	b	L	f		Leyve Lever Kniehebel	Leyve Vidası Lever Screw Kniehebelschraube	Altlık Shim Unterlage	Altlık Yay Shim Spring Feder für Unterlage	Baskı Parçası Wedge Clamp Spannpratze	Baskı Vidası Clamp Screw Klemmschraube	Anahtar Allen Key Innerschraubenschlüssel
PCLNR/L 1616 H09	●	●	16	16	100	20								
2020 K09	●	●	20	20	125	25	CNM. 0903..	APL-01	ALV-02-M6x17	AACN-2-0002	AAY-01	-	-	AAL-02-2.5
2525 M09	●	●	25	25	150	32								
1616 H12	●	●	16	16	100	20								
2020 K12C	●	●	20	20	125	25	CNM. 1204..	APL-02	ALV-03-M8x19	AACN-3-0001	AAY-02	ACK-05	4015-M4x11	AAL-03-3
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	CNM. 2509..	APL-06	ALV-06-M12x36	AACN-3-0008	AAY-05	ACK-04	AKV-16-M6x16	AAL-07-5
4040 S25C	●	●	40	40	250	50								
5050 S25C	●	●	50	50	250	60								

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

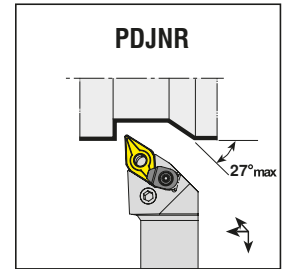
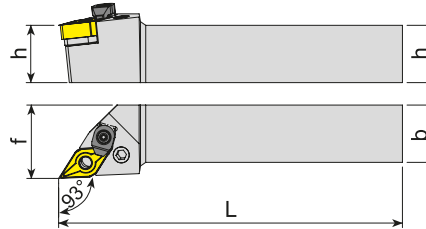
● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage

Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück PCBNR 2020 K12C



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



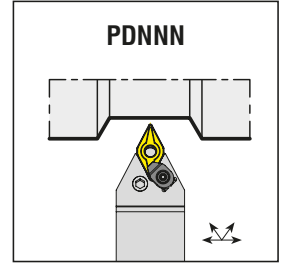
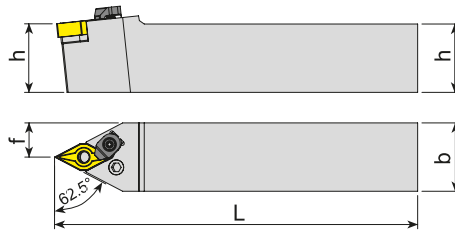
Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)				Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile									
	R	L	h	b	L	f		Levye Lever Kniehebel	Levye Vidası Lever Screw Kniehebelschraube	Altlık Shim Unterlage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

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

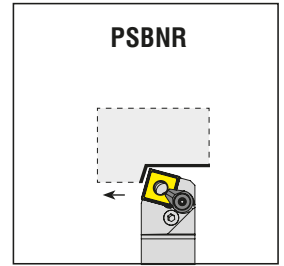
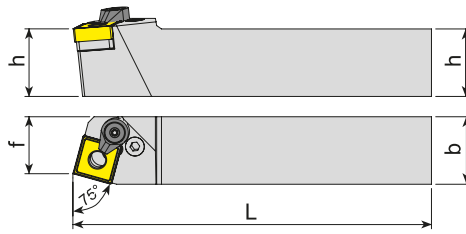
● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage

Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück PCMNN 2020 K12C



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



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

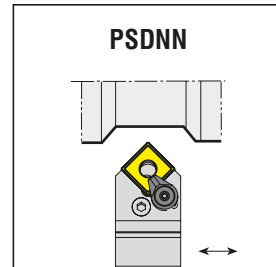
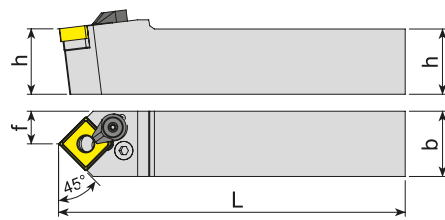
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● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage

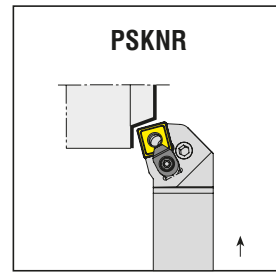
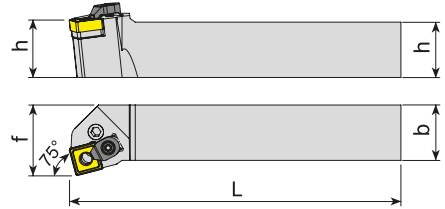
Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück PDNNN 1616 H11





Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)				Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile						
	R	L	h	b	L	f		Levyeye	Levyeye	Altılık	Altılık Yay	Baskı Parçası	Baskı Vidası	Anahtar
								Lever	Lever Screw	Shim	Shim Spring	Wedge Clamp	Clamp Screw	Allen Key
<b>PSDNN 1616 H09</b>	●		16	16	100	8								
<b>2020 K12C</b>	●		20	20	125	10								
<b>2525 M12C</b>	●		25	25	150	12.5	<b>SNM. 1204..</b>	APL-02	ALV-03-M8x19	AASN-3-0004	AAY-02	ACK-05	4015-M4x11	AAL-03-3
<b>3232 P12C</b>	●		32	32	170	16								
<b>2020 K15C</b>	○		20	20	125	10	<b>SNM. 1506..</b>	APL-04	ALV-04-M8x22	AASN-3-0023	AAY-03			
<b>2525 M15C</b>	●		25	25	150	12.5								
<b>3232 P19C</b>	●		32	32	170	16								
<b>4040 S19C</b>	○		40	40	250	20	<b>SNM. 1906..</b>	APL-05	ALV-05-M10x27	AASN-3-0005	AAY-04	ACK-09	AAV-05-M6x15	AAL-05-4
<b>5050 S19C</b>	○		50	50	250	25								
<b>4040 S25C</b>	●		40	40	250	20	<b>SNM. 2509..</b>	APL-06	ALV-06-M12x36	AASN-3-0020	AAY-05	ACK-04	AKV-16-M6x16	AAL-07-5
<b>5050 S25C</b>	○		50	50	250	25								



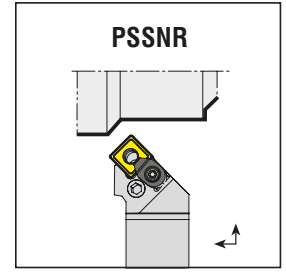
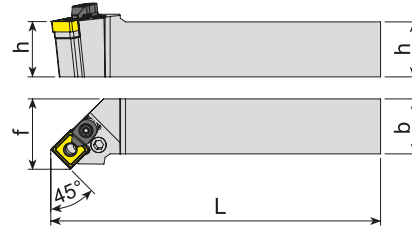
Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)				Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile						
	R	L	h	b	L	f		Levyeye	Levyeye	Altılık	Altılık Yay	Baskı Parçası	Baskı Vidası	Anahtar
								Lever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

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

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

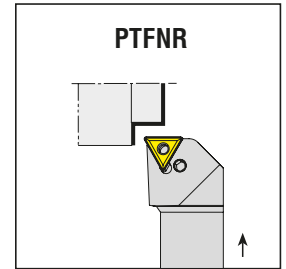
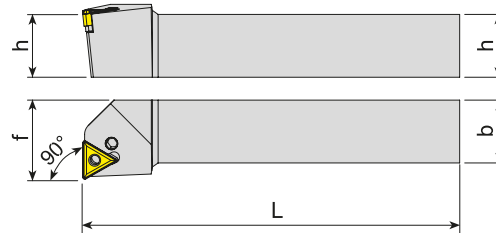
Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück PSDNN 1616 H09



Yedek Parçaları / Spare Parts / Ersatzteile

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



Yedek Parçaları / Spare Parts / Ersatzteile

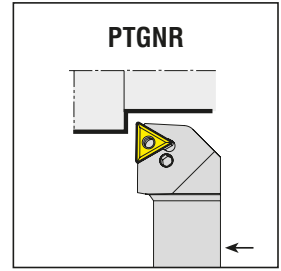
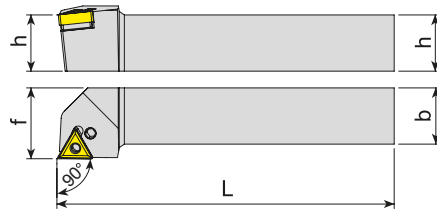
Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)				Kesici Uç Insert Wendeschneidplatte	Levyeye Lever Kniehebel	Levyeye Vidası Lever Screw Kniehebelschraube	Aitlik Shim Unterlage	Aitlik Yayı Shim Spring Feder für Unterlage	Baskı Parçası Wedge Clamp Spannpratze	Baskı Vidası Clamp Screw Klemmschraube	Anahtar Allen Key Innerschlüsselschlüssel
	R	L	h	b	L	f								
<b>PTFNR/L 1616 H16</b>	●	●	16	16	100	20	<b>TNM. 1604..</b>	APL-01	ALV-02-M6x17	AATN-3-0025	AAV-01	-	-	AAL-02-2.5
<b>2020 K16</b>	●	●	20	20	125	25								
<b>2525 M16</b>	●	●	25	25	150	32								
<b>3232 P16</b>	●	●	32	32	170	40	<b>TNM. 2204..</b>	APL-02	ALV-03-M8x19	AATN-3-0015	AAV-02	ACK-05	4015-M4x11	AAL-03-3
<b>2525 M22C</b>	●	●	25	25	150	32								
<b>3232 P22C</b>	●	●	32	32	170	40	<b>TNM. 2706.</b>	07042709	07042710	07042701	07042711	-	-	AAL-05-4
<b>4040 S27</b>	○	○	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

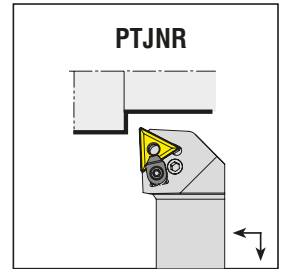
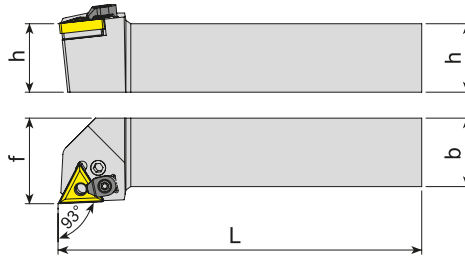
1 ad./pcs./stück PSSNR 1616 H09



**Takım Kodu**  
**Ordering Code**  
**Bestell-Bezeichnung**

Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)				Kesici Uç Insert Wendeschneidplatte	Levye Lever Kniehebel	Levye Vidası Lever Screw Kniehebelschraube	Altlık Shim Unterlage	Altlık Yay Shim Spring Feder für Unterlage	Baskı Parçası Wedge Clamp Spannpratze	Baskı Vidası Clamp Screw Klemmschraube	Anahtar Allen Key Innerschlüssel
	R	L	h	b	L	f								
<b>PTGNR/L 1010 E11</b>	○	○	10	10	70	12				-	-			-
<b>1212 F11</b>	○	○	12	12	80	16								
<b>1616 H11</b>	○	○	16	16	100	20								
<b>1616 H16</b>	●	●	16	16	100	20						-	-	AAL-02-2.5
<b>2020 K16</b>	●	●	20	20	125	25								
<b>2525 M16</b>	●	●	25	25	150	32								
<b>3232 P16</b>	○	○	32	32	170	40								
<b>2525 M22C</b>	●	●	25	25	150	32								AAL-03-3
<b>3232 P22C</b>	●	●	32	32	170	40								
<b>4040 S27</b>	○	○	40	40	250	50						-	-	AAL-05-4

Yedek Parçaları / Spare Parts / Ersatzteile



**Takım Kodu**  
**Ordering Code**  
**Bestell-Bezeichnung**

Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)				Kesici Uç Insert Wendeschneidplatte	Levye Lever Kniehebel	Levye Vidası Lever Screw Kniehebelschraube	Altlık Shim Unterlage	Altlık Yay Shim Spring Feder für Unterlage	Baskı Parçası Wedge Clamp Spannpratze	Baskı Vidası Clamp Screw Klemmschraube	Anahtar Allen Key Innerschlüssel
	R	L	h	b	L	f								
<b>PTJNR/L 1010 E11</b>	○	○	10	10	70	12				-	-			-
<b>1212 F11</b>	○	○	12	12	80	16								
<b>1616 H11</b>	○	○	16	16	100	20								
<b>1616 H16</b>	●	●	16	16	100	20						-	-	AAL-02-2.5
<b>2020 K16</b>	●	●	20	20	125	25								
<b>2525 M16</b>	●	●	25	25	150	32								
<b>3232 P16</b>	●	●	32	32	170	40								
<b>2525 M22C</b>	●	●	25	25	150	32								AAL-03-3
<b>3232 P22C</b>	●	●	32	32	170	40								
<b>4040 S27</b>	○	○	40	40	250	50								AAL-05-4

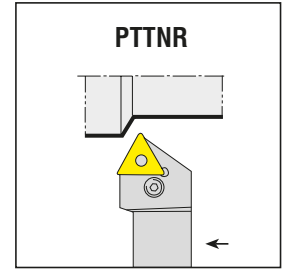
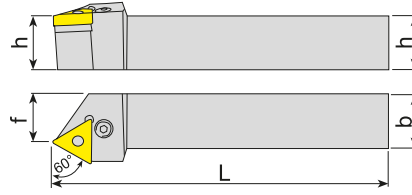
Yedek Parçaları / Spare Parts / Ersatzteile

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

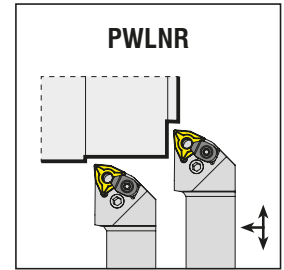
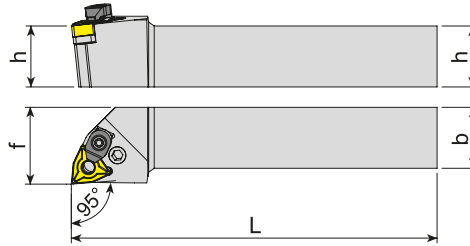
● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage

Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück PTGNR 1010 E11



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)				Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile						
	R	L	h	b	L	f		Levye Lever Kniehebel	Levye Vidası Lever Screw Kniehebelschraube	Altık Shim Unterlage	Altık Yay Shim Spring Feder für Unterlage	Baskı Parçası Wedge Clamp Spannpratze	Baskı Vidası Clamp Screw Klemmschraube	Anahtar Allen Key Innerschlüsselschlüssel
<b>PTTNR/L 1616 H16</b>	●	●	16	16	100	13						-	-	AAL-02-2.5
<b>2020 K16</b>	●	●	20	20	125	17								
<b>2525 M16</b>	●	●	25	25	150	21.5								
<b>3232 P16</b>	●	●	32	32	170	31								
<b>2525 M22C</b>	●	●	25	25	150	20.5						ACK-05	4015-M4x11	AAL-03-3
<b>3232 P22C</b>	●	●	32	32	170	29								



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)				Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile						
	R	L	h	b	L	f		Levye Lever Kniehebel	Levye Vidası Lever Screw Kniehebelschraube	Altık Shim Unterlage	Altık Yay Shim Spring Feder für Unterlage	Baskı Parçası Wedge Clamp Spannpratze	Baskı Vidası Clamp Screw Klemmschraube	Anahtar Allen Key Innerschlüsselschlüssel
<b>PWLNR/L 1616 H06</b>	●	●	16	16	100	20						-	-	AAL-02-2.5
<b>2020 K06</b>	●	●	20	20	125	25								
<b>2525 M06</b>	●	●	25	25	150	32								
<b>3232 P06</b>	○	○	32	32	170	40								
<b>1616 H08</b>	●	●	16	16	100	20						ACK-05	4015-M4x11	AAL-03-3
<b>2020 K08C</b>	●	●	20	20	125	25								
<b>2525 M08C</b>	●	●	25	25	150	32								
<b>3232 P08C</b>	●	●	32	32	170	40								

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

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

Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück PTTNR 1616 H16



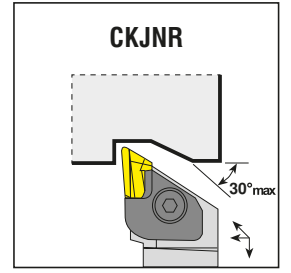
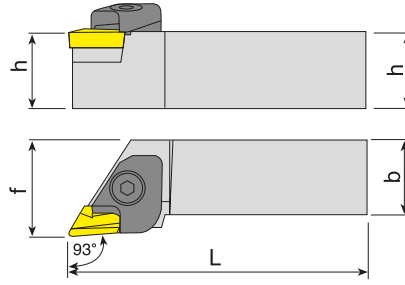


# C-SİSTEM

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

*konusulan*  
**the spoken kalite...**  
*quality...*





**Takım Kodu**  
**Ordering Code**  
**Bestell-Bezeichnung**

Stok  
Stock  
Lager

Takım Ölçüleri (mm)  
Dimension (mm)  
Abmessung (mm)

Kesici Uç  
Insert  
Wendeschneidplatte

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  
Innerschloßschlüssel

Yedek Parçaları / Spare Parts / Ersatzteile

R L

h

b

L

f



**CKJNR/L 2020 K16**  
**2525 M16**  
**3232 P16**  
**4040 S16**

● ●  
● ●  
● ●  
● ●

20  
25  
32  
40

20  
25  
32  
40

125  
150  
170  
250

27.5  
31.5  
40  
50

**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

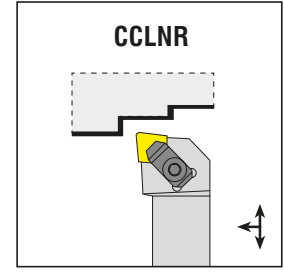
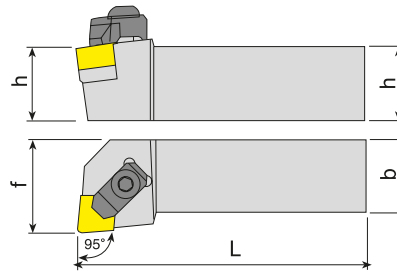
R: Sağ / Right / Rechts L: Sol/Left/Links

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

Sipariş Örneği/Ordering Example/Bestellbeispiel

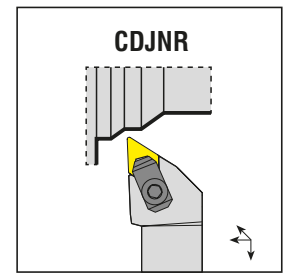
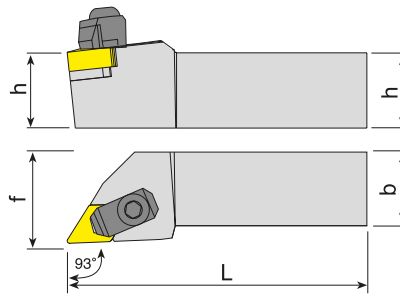
1 ad./pcs./stück CKJNR 2020 K16





**Takım Kodu**  
**Ordering Code**  
**Bestell-Bezeichnung**

Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschnidplatte	Yedek Parçaları / Spare Parts / Ersatzteile						
	R	L	h	b	L		f	Baskı Pabucu Wedge Clamp Spannpratze	Pabuç Vidası Clamp Screw Klemmschraube	Aitlik Shim Unterlage	Aitlik Vidası Shim Screw Schraube für Unterlage	Sekman Ring Feder	Anahtar Allen Key Inmenschklantschlüssel
			25	25	150	32							
	●	●	25	25	150	32	<b>CN.N 1207..</b>	ACK-13	AKV-11-M8x29	AACN-3-0001	AAV-02-M5x12	ACS-01	AAL-05-4
	●	●	32	32	170	40							
	●	●	25	25	150	32	<b>CN.N 1607..</b>	ACK-13	AKV-11-M8x29	AACN-3-0002	AAV-05-M6x15	ACS-01	AAL-05-4



**Takım Kodu**  
**Ordering Code**  
**Bestell-Bezeichnung**

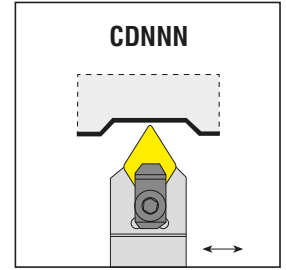
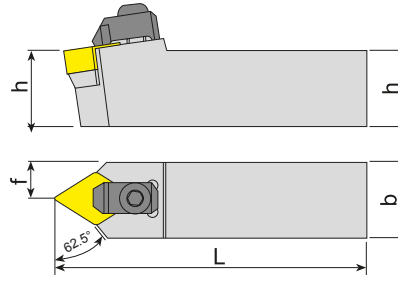
Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschnidplatte	Yedek Parçaları / Spare Parts / Ersatzteile						
	R	L	h	b	L		f	Baskı Pabucu Wedge Clamp Spannpratze	Pabuç Vidası Clamp Screw Klemmschraube	Aitlik Shim Unterlage	Aitlik Vidası Shim Screw Schraube für Unterlage	Sekman Ring Feder	Anahtar Allen Key Inmenschklantschlüssel
			25	25	150	32							
	●	●	25	25	150	32	<b>DN.N 1107..</b>	ACK-22	AKV-11-M8x29	AADN-2-0001	AAV-04-M5x12	ACS-01	AAL-05-4
	●	●	25	25	150	32							
	●	●	32	32	170	40	<b>DN.N 1507..</b>	ACK-13	AKV-11-M8x29	AADN-3-0001	AAV-02-M5x12	ACS-01	AAL-05-4

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

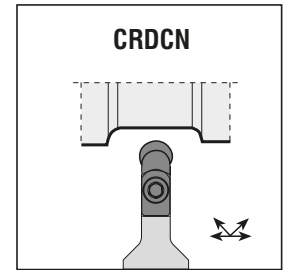
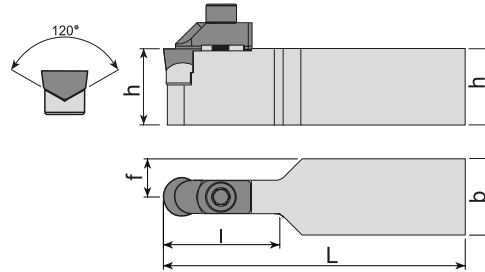
● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage

Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück CCLNR 2525 M1207C



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)				Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile					
		h	b	L	f		Baskı Pabucu Wedge Clamp Spannpratze	Pabuç Vidası Clamp Screw Klemmschraube	Altlık Shim Unterlage	Altlık Vidası Shim Screw Schraube für Unterlage	Sekman 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



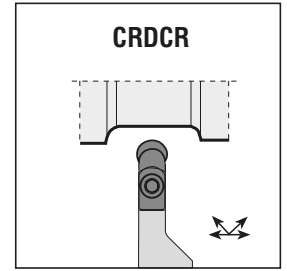
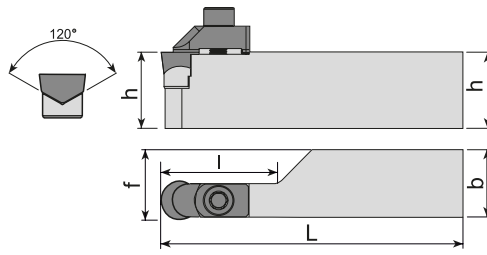
Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile				
		h	b	L	l	f		Baskı Pabucu Wedge Clamp Spannpratze	Pabuç Vidası Clamp Screw Klemmschraube	Altlık Shim Unterlage	Altlık Vidası Shim Screw Schraube für Unterlage	Anahtar Allen Key Innensechskantschlüssel
CRDCN 2525 M06CV	●	25	25	150	19	12.5	RCGX 060600	ACK-27	2525-M3X14	AARC-3-0001	3007-M2.2X5	AAL-02-2.5
3225 P06CV	●	32	25	170	19	12.5						
4040 S06CV	●	40	40	250	19	20						
2525 M09CV	●	25	25	150	29	12.5	RCGX 090700	ACK-28	2504-M5X16	AARC-3-0002	3008-M2.5x6	AAL-05-4
3225 P09CV	●	32	25	170	29	12.5						
4040 S09CV	●	40	40	250	29	20						
2525 M12CV	●	25	25	150	38	12.5	RCGX 120700	ACK-29	2505-M6X20	AARC-3-0003	3008-M2.5x6	AAL-07-5
3225 P12CV	●	32	25	170	38	12.5						
4040 S12CV	●	40	40	250	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

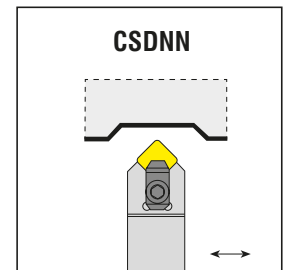
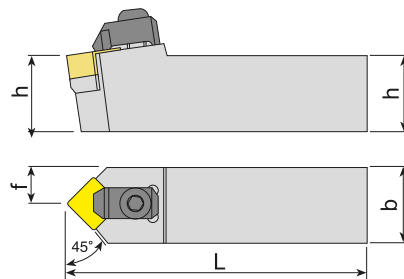
Sipariş Örneği/Ordering Example/Bestellbeispiel  
1 ad./pcs./stück CDNNN 2525 M1107C



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					
	R	L	h	b	L	l		f	Baskı Pabucu Wedge Clamp Spannpratze	Pabuç Vidası Clamp Screw Klemmschraube	Altlık Shim Unterlage	Altlık Vidası Shim Screw Schraube für Unterlage	Anahtar Allen Key Innerschlankschlüssel
CRDCR/L 3225 P06CV	●	●	32	25	170	19.4	25.6	RCGX 060600	ACK-27	2525-M3X14	AARC-3-0001	3007-M2.2X5	AAL-02-2.5
3225 P09CV	●	●	32	25	170	29	25.8	RCGX 090700	ACK-28	2504-M5X16	AARC-3-0002	3008-M2.5x6	AAL-05-4
3225 P12CV	●	●	32	25	170	38.5	25.9	RCGX 120700	ACK-29	2505-M6X20	AARC-3-0003	3008-M2.5x6	AAL-07-5



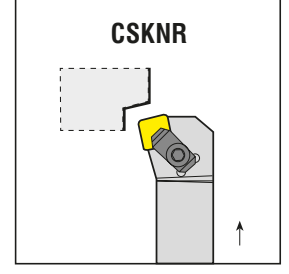
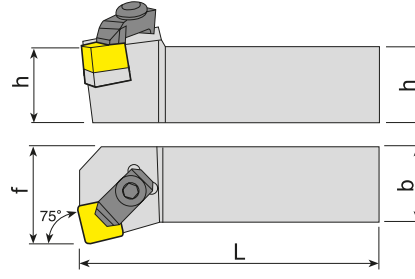
Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)				Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile					
			h	b	L	f		Baskı Pabucu Wedge Clamp Spannpratze	Pabuç Vidası Clamp Screw Klemmschraube	Altlık Shim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

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

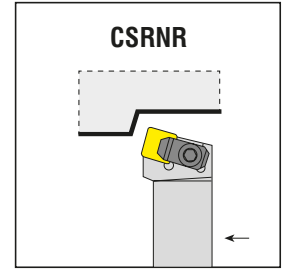
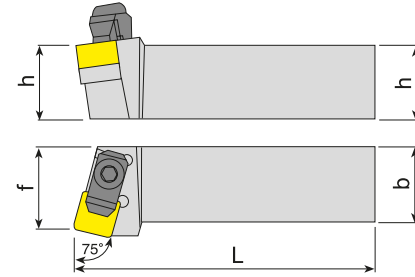
● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage

Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück CRDCR 3225 P06CV



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



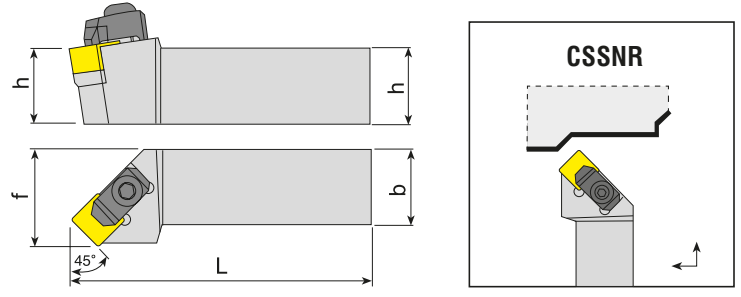
Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)				Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile					
	R	L	h	b	L	f		Baskı Pabucu Wedge Clamp Spannpratze	Pabuç Vidası Clamp Screw Klemmschraube	Altlık Shim Unterlage	Altlık Vidası Shim Screw Schraube für Unterlage	Sekman Ring Feder	Anahtar Allen Key Inmenschenschlüssel
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

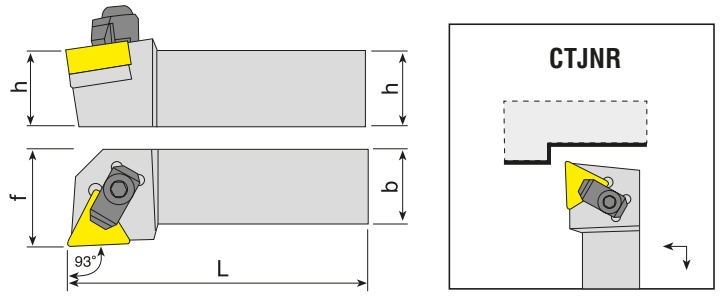
1 ad./pcs./stück CSKNR 2525 M1207C



**Takım Kodu**  
**Ordering Code**  
**Bestell-Bezeichnung**

**CSSNR/L 2525 M1207C**  
**3232 P1207C**

Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschnidplatte	Yedek Parçaları / Spare Parts / Ersatzteile						
	R	L	h	b	L		f	Baskı Pabucu Wedge Clamp Spannpratze	Pabuç Vidası Clamp Screw Klemmschraube	Altlık Shim Unterlage	Altlık Vidası Shim Screw Schraube für Unterlage	Sekman Ring Feder	Anahtar Allen Key Innensechskantschlüssel
	●	●	25	25	150	32							
	○	○	32	32	170	40	<b>SN.N 1207..</b>	<b>ACK-13</b>	<b>AKV-11-M8x29</b>	<b>AASN-3-0004</b>	<b>AAV-02-M5x12</b>	<b>ACS-01</b>	<b>AAL-05-4</b>



**Takım Kodu**  
**Ordering Code**  
**Bestell-Bezeichnung**

**CTJNR/L 2525 M1607C**  
**3232 P1607C**

Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschnidplatte	Yedek Parçaları / Spare Parts / Ersatzteile						
	R	L	h	b	L		f	Baskı Pabucu Wedge Clamp Spannpratze	Pabuç Vidası Clamp Screw Klemmschraube	Altlık Shim Unterlage	Altlık Vidası Shim Screw Schraube für Unterlage	Sekman Ring Feder	Anahtar Allen Key Innensechskantschlüssel
	●	●	25	25	150	32							
	○	○	32	32	170	40	<b>TN.N 1607..</b>	<b>ACK-14</b>	<b>AKV-11-M8x29</b>	<b>AATN-2-0002</b>	<b>AAV-03-M5x12</b>	<b>ACS-01</b>	<b>AAL-05-4</b>

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

● 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



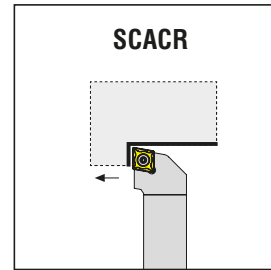
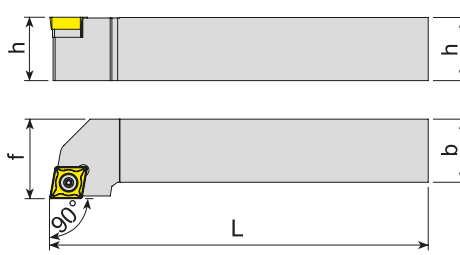
*konusulan  
the spoken kalite...  
quality...*

# S-SİSTEM

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

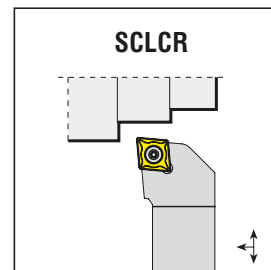
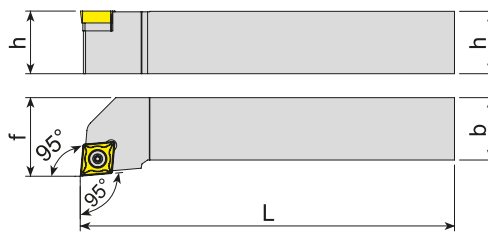






**Takım Kodu**  
**Ordering Code**  
**Bestell-Bezeichnung**

Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile				
	R	L	h	b	L		f	Sıkma Vidası Screw Schraube	Aitlik Shim Unterlage	Aitlik 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	-	-	80-T08
1010 E06	●	●	10	10	70	12					
1212 F09	●	●	12	12	80	16					
1616 H09	●	●	16	16	100	20	CCM. 09T3..	4015-M3.5x11	AACN-2-0001	AAV-06-M3.5x11	80-T15
2020 K09	●	●	20	20	125	25					
2020 K12	●	●	20	20	125	25	CCM. 1204..	1020-M4.5x16	AACN-2-0003	AAV-07-M4.5x13	80-T20
2525 M12	●	●	25	25	150	32					



**Takım Kodu**  
**Ordering Code**  
**Bestell-Bezeichnung**

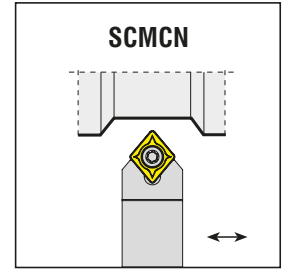
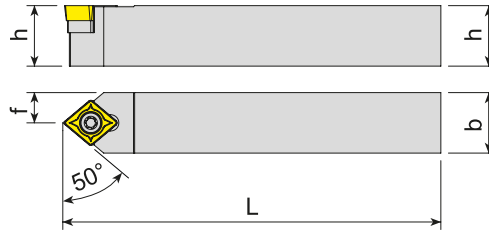
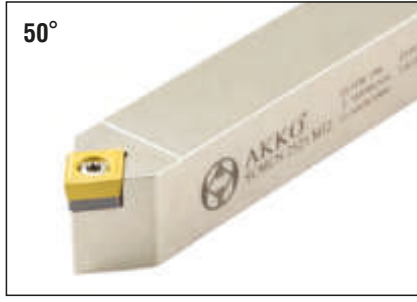
Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile				
	R	L	h	b	L		f	Sıkma Vidası Screw Schraube	Aitlik Shim Unterlage	Aitlik Vidası Shim Screw Schraube für Unterlage	Tork Anahtar Torx Key Torx-Schlüssel
SCLCR/L 0808 E06	●	●	08	08	70	10	CCM. 0602..	4008-M2.5x6	-	-	80-T08
1010 E06	●	○	10	10	70	12					
1010 E09	●	●	10	10	70	12					
1212 F09	●	●	12	12	80	16	CCM. 09T3..	4015-M3.5x11	-	-	80-T15
1616 H09	●	●	16	16	100	20					
2020 K09	●	●	20	20	125	25	CCM. 1204..	4015-M3.5x14	AACN-2-0001	AAV-06-M3.5x11	80-T15
2525 M09	●	●	25	25	150	32					
1616 H12	●	○	16	16	100	20	CCM. 1204..	1020-M5x11	-	-	80-T20
2020 K12	●	●	20	20	125	25					
2525 M12	●	●	25	25	150	32					

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

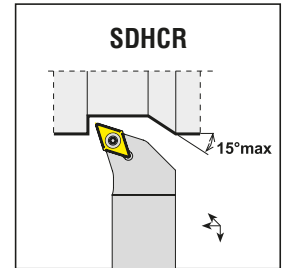
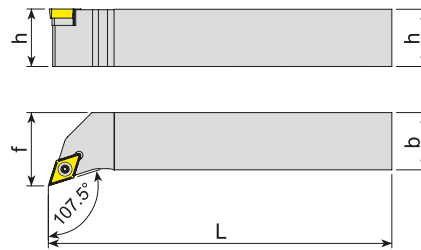
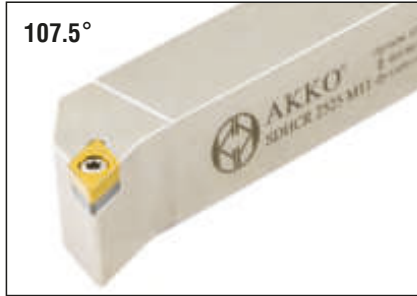
● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage

Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück SCACR 0808 E06



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)				Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile				
	R	L	h	b	L	f		Sıkma Vidası Screw Schraube	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	-	-	80-T08	
1010 E06	●		10	10	70	05						
1212 F06	●		12	12	80	06						
1212 F09	●		12	12	80	06	CCM. 09T3..	4015-M3.5x11	-	-	80-T15	
1616 H09	●		16	16	100	08						
2020 K12	●		20	20	125	10	CCM. 1204..	1020-M4.5x16	AACN-2-0001	AAV-06-M3.5x11	80-T20	
2525 M12	●		25	25	150	12.5						



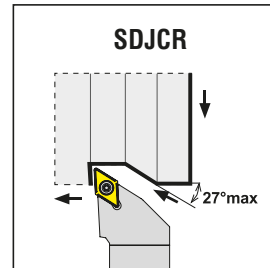
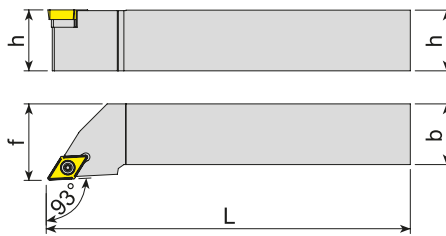
Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)				Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile				
	R	L	h	b	L	f		Sıkma Vidası Screw Schraube	Altlık Shim Unterlage	Altlık Vidası Shim Screw Schraube für Unterlage	Tork Anahtar Torx Key Torx-Schlüssel	
SDHCR/L 0808 E07	●	●	08	08	70	11	DCM. 0702..	4008-M2.5x6	-	-	80-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	DCM. 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						

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

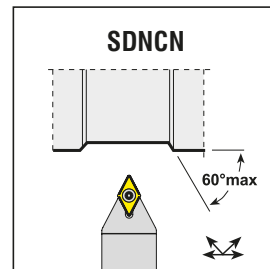
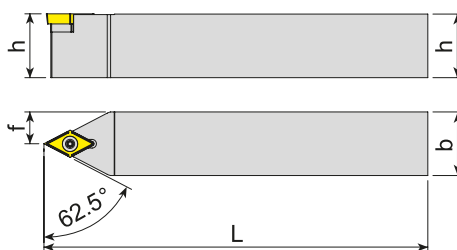
● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage

Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück SCMCN 0808 E06



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)				Kesici Uç Insert Wendeschneidplatte	Sıkma Vidası Screw Schraube	Altlık Shim Unterlage	Altlık Vidası Shim Screw Schraube für Unterlage	Tork Anahtar Torx Key Torx-Schlüssel
	R	L	h	b	L	f					
<b>SDJCR/L 0808 E07</b>	●	●	08	08	70	10	<b>DCM. 0702..</b>	4008-M2.5x6			80-T08
<b>1010 E07</b>	●	●	10	10	70	12					
<b>1212 F07</b>	●	●	12	12	80	16					
<b>1616 H07</b>	●	●	16	16	100	20					
<b>1616 H11</b>	●	●	16	16	100	20	<b>DCM. 11T3..</b>	4015-M3.5x14	AADN-2-0001	AAV-06-M3.5x11	80-T15
<b>2020 K11</b>	●	●	20	20	125	25					
<b>2525 M11</b>	●	●	25	25	150	32					
<b>3232 P11</b>	●	●	32	32	170	40					



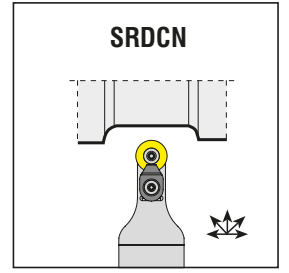
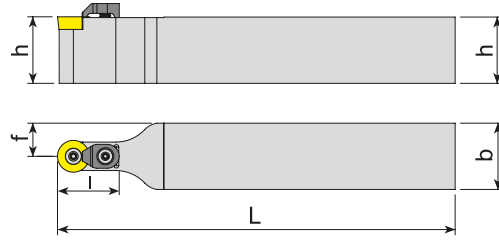
Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)				Kesici Uç Insert Wendeschneidplatte	Sıkma Vidası Screw Schraube	Altlık Shim Unterlage	Altlık Vidası Shim Screw Schraube für Unterlage	Tork Anahtar Torx Key Torx-Schlüssel
	R	L	h	b	L	f					
<b>SDNCN 0808 E07</b>	●		08	08	70	4	<b>DCM. 0702..</b>	4008-M2.5x6			80-T08
<b>1010 E07</b>	●		10	10	70	5					
<b>1212 F07</b>	●		12	12	80	6					
<b>1616 H07</b>	●		16	16	100	8					
<b>1616 H11</b>	●		16	16	100	8	<b>DCM. 11T3..</b>	4015-M3.5x14	AADN-2-0001	AAV-06-M3.5x11	80-T15
<b>2020 K11</b>	●		20	20	125	10					
<b>2525 M11</b>	●		25	25	150	12.5					
<b>3232 P11</b>	●		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 0808 E07



**Takım Kodu**  
**Ordering Code**  
**Bestell-Bezeichnung**

Stok  
Stock  
Lager

Takım Ölçüleri (mm)  
Dimension (mm)  
Abmessung (mm)

Kesici Uç  
Insert  
Wendeschneidplatte

Sıkma Vidası  
Screw  
Schraube

Yedek Parçaları / Spare Parts / Ersatzteile

Altık  
Shim  
Unterlage

Altık Vidası  
Shim Screw  
Schraube für Unterlage

Baskı Parçası  
Wedge Clamp  
Spannpratze

Baskı Vidası  
Clamp Screw  
Klemmschraube

Tork Anahtar  
Torx Key  
Torx-Schlüssel

	h	b	L	l	f						
<b>SRDCN 1616 H06</b>	●	16	16	100	15	8					
2020 K06	●	20	20	125	17	10	<b>RC.T 0602..</b>	3008-M2.5x6	-	-	-
2525 M06	●	25	25	150	17	12.5					
<b>1616 H08C</b>	●	16	16	100	15	8					80-T08
2020 K08C	●	20	20	125	20	10	<b>RC.T 0803..</b>	3008-M3x8	-	-	
2525 M08C	●	25	25	150	20	12.5					
<b>1616 H10C</b>	●	16	16	100	20	8				ACK-15	4015-M3.5x11
2020 K10C	●	20	20	125	20	10	<b>RC.T 10T3..</b>	4015-M3.5x11	-	-	
2525 M10C	●	25	25	150	20	12.5					
<b>3232 P10C</b>	●	32	32	170	20	16					80-T15
2020 K12C	●	20	20	125	22	10	<b>RC.T 1204..</b>	4015-M3.5x11	-	-	
2525 M12C	●	25	25	150	22	12.5					
<b>3232 P12C</b>	●	32	32	170	22	16				ACK-05	4015-M4x11
2525 M16C	●	25	25	150	32	12.5	<b>RC.T 1605..</b>	1020-M5x11	-	-	
<b>3232 P16C</b>	●	32	32	170	35	16					80-T20
2525 M20C	●	25	25	150	32	12.5	<b>RC.T 2006..</b>	1420-M6x16	-	-	
<b>3232 P20C</b>	●	32	32	170	40	16				ACK-09	AAV-05-M6x15
<b>3232 P25C</b>	●	32	32	170	40	16	<b>RC.T 2507..</b>	1520-M6x16	-	-	
<b>3232 P32C</b>	●	32	32	170	45	16	<b>RC.T 3209..</b>	1904-M8x1x20	-	-	AAL-05-4

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

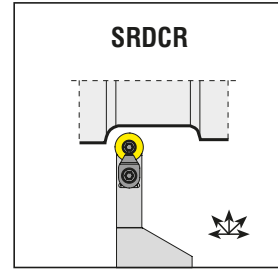
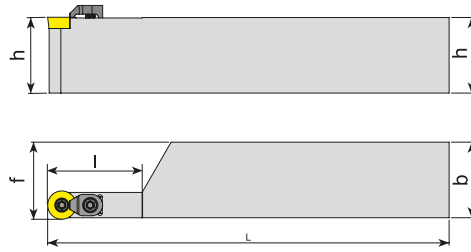
● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage

Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück SRDCN 1616 H06

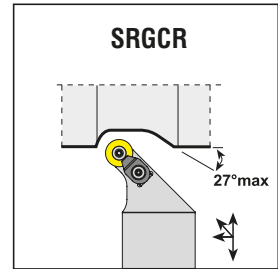
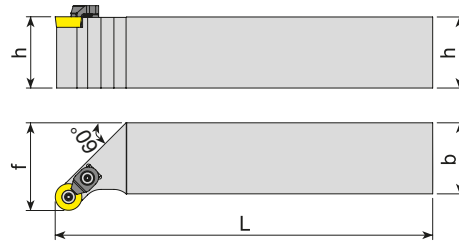






**Takım Kodu**  
**Ordering Code**  
**Bestell-Bezeichnung**

Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)						Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile						
	R	L	h	b	L	f		Sıkma Vidası Screw Schraube	Altık Shim Unterlage	Altık 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 P12C	●	●	32	32	170	40	32.6	RC.T 1204..	4015-M3.5x11	-	-	ACK-05	4015-M4x11	80-T15



**Takım Kodu**  
**Ordering Code**  
**Bestell-Bezeichnung**

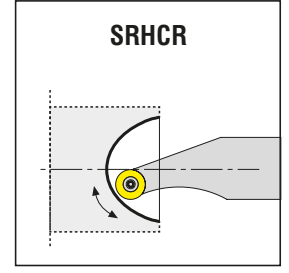
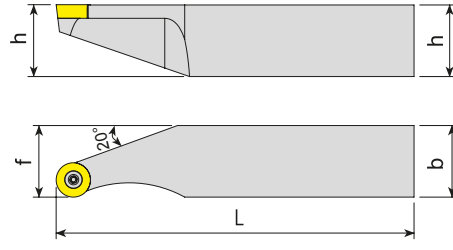
Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)						Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile						
	R	L	h	b	L	f		Sıkma Vidası Screw Schraube	Altık Shim Unterlage	Altık Vidası Shim Screw Schraube für Unterlage	Baskı Parçası Wedge Clamp Spannpratze	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	-	-	-	-	80-T08	
2020 K06	●	●	20	20	125	25								
1616 H08C	●	●	16	16	100	20	RC.T 0803..	3008-M3x8	-	-	ACK-15	4015-M3.5x11	80-T15	
2020 K08C	●	●	20	20	125	25								
2525 M08C	●	●	25	25	150	32	RC.T 10T3..	4015-M3.5x11	-	-	ACK-05	4015-M4x11	80-T15	
1616 H10C	●	●	16	16	100	20								
2020 K10C	●	●	20	20	125	25								
2525 M10C	●	●	25	25	150	32								
3232 P10C	●	●	32	32	170	40	RC.T 1204..	4015-M3.5x11	-	-	ACK-05	4015-M4x11	80-T15	
2020 K12C	●	●	20	20	125	25								
2525 M12C	●	●	25	25	150	32								
3232 P12C	●	●	32	32	170	40								

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

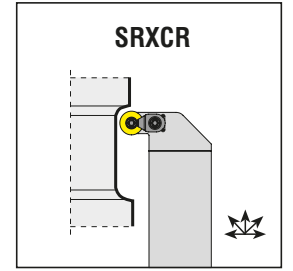
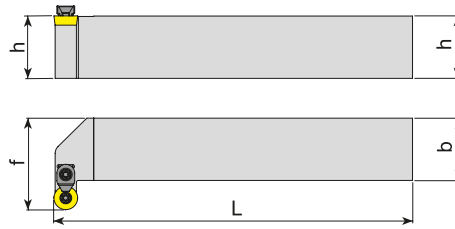
● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage

Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück SRDCR 3232 P12C



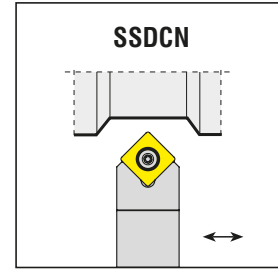
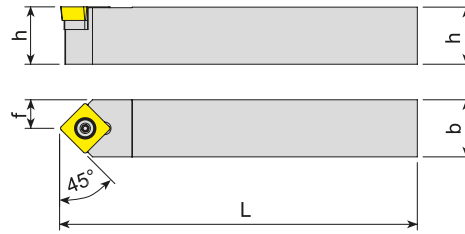
Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile				
	R	L	h	b	L	f	min R		Sıkma Vidası Screw Schraube	Altlık Shim Unterlage	Altlık Vidası Shim Screw Schraube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



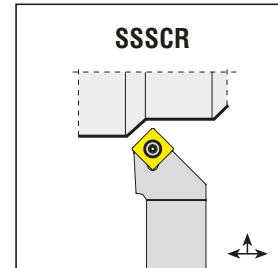
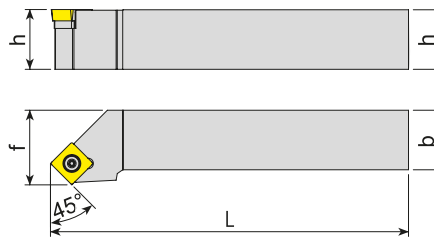
Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)				Kesici Uç Insert Wendeschneidplatte	Sıkma Vidası Screw Schraube	Altlık Shim Unterlage	Altlık Vidası Shim Screw Schraube für Unterlage	Baskı Parçası Wedge Clamp Spannpratze	Baskı Vidası Clamp Screw Klemmschraube	Tork Anahtar Torx Key Torx-Schlüssel
	R	L	h	b	L	f							
	●	○											
SRXCR/L 3232 X08C	●	●	32	32	220	47	RC.T 0803..	3008-M3x8			ACK-15	4015-M3.5x11	80-T08
3232 X10C	●	●	32	32	220	47	RC.T 10T3..	4015-M3.5x11			ACK-05	4015-M4x11	80-T15
3232 X12C	●	●	32	32	220	47	RC.T 1204..						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 SRHCR 2525 K16



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



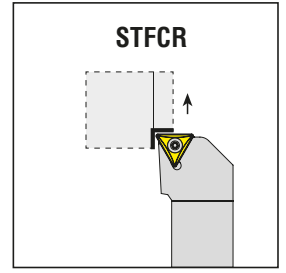
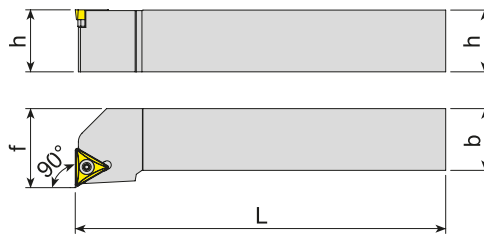
Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)				Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile			
	R	L	h	b	L	f		Sıkma Vidası Screw Schraube	Altlık Shim Unterlage	Altlık Vidası Shim Screw Schraube für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

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

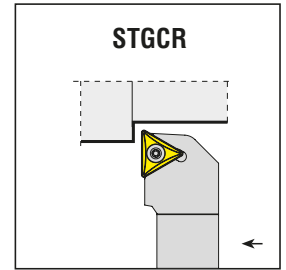
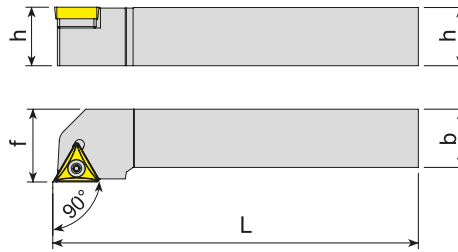
● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage

Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück SSDCN 1212 F09



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)				Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile			
	R	L	h	b	L	f		Sıkma Vidası Screw Schraube	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-M2.2x5	-	-	80-T07
1010 E09	●	●	10	10	70	12					
1212 F11	●	●	12	12	80	16					
1616 H11	●	●	16	16	100	20	TC.T 1102..	4008-M2.5x6	-	-	80-T08
1616 H16	●	●	16	16	100	20					
2020 K16	●	●	20	20	125	25					
2525 M16	●	●	25	25	150	32	TC.T 16T3..	4015-M3.5x14	AATN-2-0001	AAV-06-M3.5x11	80-T15
3232 P16	●	●	32	32	170	40					



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)				Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile			
	R	L	h	b	L	f		Sıkma Vidası Screw Schraube	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-M2.2x5	-	-	80-T07
1010 E09	●	●	10	10	70	12					
1212 F11	●	●	12	12	80	16					
1616 H11	●	●	16	16	100	20	TC.T 1102..	4008-M2.5x6	-	-	80-T08
1616 H16	●	●	16	16	100	20					
2020 K16	●	●	20	20	125	25					
2525 M16	●	●	25	25	150	32	TC.T 16T3..	4015-M3.5x14	AATN-2-0001	AAV-06-M3.5x11	80-T15
3232 P16	●	●	32	32	170	40					

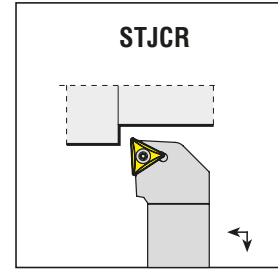
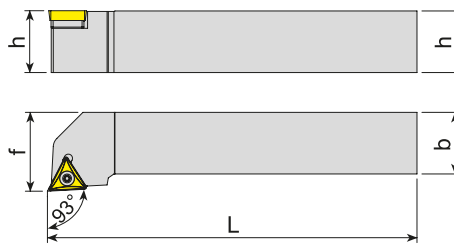
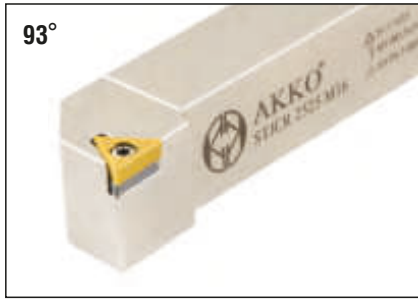
R: Sağ / Right / Rechts L: Sol/Left/Links

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

Sipariş Örneği / Ordering Example / Bestellbeispiel

1 ad./pcs./stück STFGR 0808 E09





**Takım Kodu**  
**Ordering Code**  
**Bestell-Bezeichnung**

Stok  
Stock  
Lager

Takım Ölçüleri (mm)  
Dimension (mm)  
Abmessung (mm)

Kesici Uç  
Insert  
Wendeschneidplatte

Sıkma Vidası  
Screw  
Schraube

Altlık  
Shim  
Unterlage

Altlık Vidası  
Shim Screw  
Schraube für Unterlage

Tork Anahtar  
Torx Key  
Torx-Schlüssel

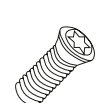
R L

h

b

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f



STJCR/L 0808 E09

● ●

08

08

70

10

TC.T 0902..

3007-M2.2x5

-

-

80-T07

1010 E09

● ●

10

10

70

12

TC.T 1102..

4008-M2.5x6

-

-

80-T08

1212 F11

● ●

12

12

80

16

1616 H11

● ●

16

16

100

20

1616 H16

● ●

16

16

100

20

2020 K16

● ●

20

20

125

25

TC.T 16T3..

4015-M3.5x14

AATN-2-0001

AAV-06-M3.5x11

80-T15

2525 M16

● ●

25

25

150

32

3232 P16

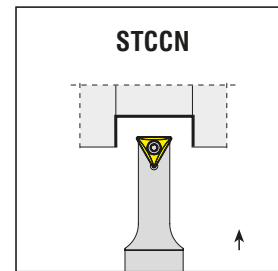
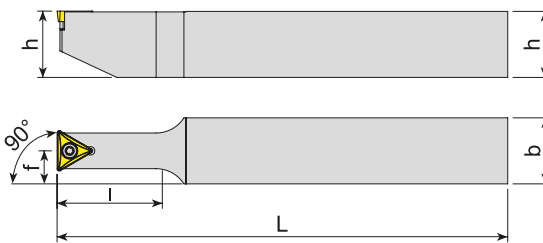
● ●

32

32

170

40



**Takım Kodu**  
**Ordering Code**  
**Bestell-Bezeichnung**

Stok  
Stock  
Lager

Takım Ölçüleri (mm)  
Dimension (mm)  
Abmessung (mm)

Kesici Uç  
Insert  
Wendeschneidplatte

Sıkma Vidası  
Screw  
Schraube

Altlık  
Shim  
Unterlage

Altlık Vidası  
Shim Screw  
Schraube für Unterlage

Tork Anahtar  
Torx Key  
Torx-Schlüssel

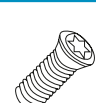
h

b

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l



STCCN 2020 L11

●

20

20

140

10

50

TC.T 1102..

4008-M2.5x6

-

-

80-T08

1616 K16

●

16

16

125

8

24

2020 M16

●

20

20

150

10

30

TC.T 16T3..

4015-M3.5x14

AATN-2-0001

AAV-06-M3.5x11

80-T15

2525 P16

●

25

25

170

12.5

37.5

3232 R16

●

32

32

200

16

48

2525 P22

●

25

25

170

12.5

80

TC.T 2204..

4020-M4.5x12

-

-

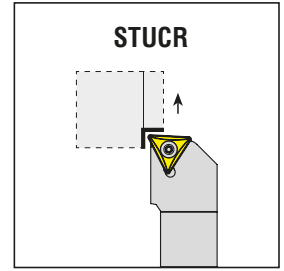
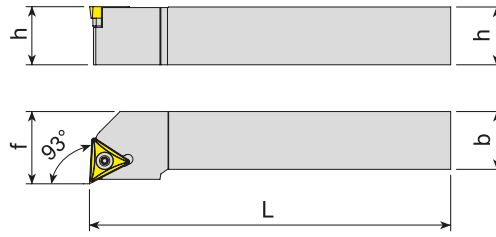
80-T20

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

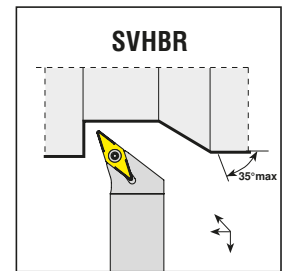
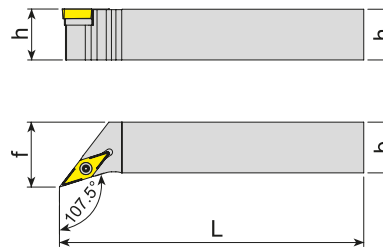
● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage

Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück STJCR 0808 E09



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)				Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile								
	R	L	h	b	L	f		Sıkma Vidası Screw Schraube	Altlık Shim Unterlage	Altlık Vidası Shim Screw Schraube für Unterlage	Tork Anahtar Torx Key Torx-Schlüssel					
STUCR/L 0808 E09	●	●	08	08	70	10										
1010 E09	●	●	10	10	70	12						TC.T 0902..	3007-M2.2x5	-	-	80-T07
1212 F11	●	●	12	12	80	16						TC.T 1102..	4008-M2.5x6	-	-	80-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						TC.T 16T3..	4015-M3.5x14	AATN-2-0001	AAV-06-M3.5x11	80-T15
2525 M16	●	●	25	25	150	32										
3232 P16	●	●	32	32	170	40										



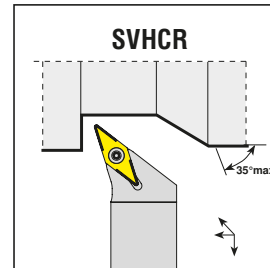
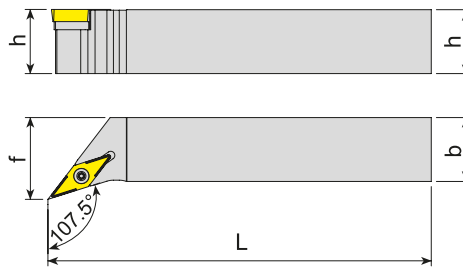
Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)				Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile								
	R	L	h	b	L	f		Sıkma Vidası Screw Schraube	Altlık Shim Unterlage	Altlık Vidası Shim Screw Schraube für Unterlage	Tork Anahtar Torx Key Torx-Schlüssel					
SVHBR/L 1212 F11	●	●	12	12	80	16										
1616 H11	●	●	16	16	100	20						VBM. 1103..	4008-M2.5x6	-	-	80-T08
2020 K11	●	●	20	20	125	25						VBM. 1103..	4008-M2.5x6	-	-	80-T08
2020 K16	●	●	20	20	125	25										
2525 M16	●	●	25	25	150	32						VBM. 1604..	4015-M3.5x14	AAVN-2-0002	AAV-06-M3.5x11	80-T15
3232 P16	●	●	32	32	170	40						VBM. 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 STUCR 0808 E09



**Takım Kodu**  
**Ordering Code**  
**Bestell-Bezeichnung**

Stok  
Stock  
Lager

Takım Ölçüleri (mm)  
Dimension (mm)  
Abmessung (mm)

Kesici Uç  
Insert  
Wendeschneidplatte

Sıkma Vidası  
Screw  
Schraube

Altlık  
Shim  
Unterlage

Altlık Vidası  
Shim Screw  
Schraube für Unterlage

Tork Anahtar  
Torx Key  
Torx-Schlüssel

Yedek Parçaları / Spare Parts / Ersatzteile

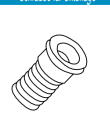
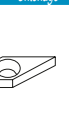
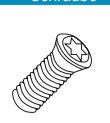
R L

h

b

L

f



SVHCR/L 1212 F11

● ●

12

12

80

16

VC.T 1103..

4008-M2.5x6

-

-

80-T08

1616 H11

● ●

16

16

100

20

2020 K11

● ●

20

20

125

25

2020 K16

● ●

20

20

125

25

2525 M16

● ●

25

25

150

32

3232 P16

● ●

32

32

170

40

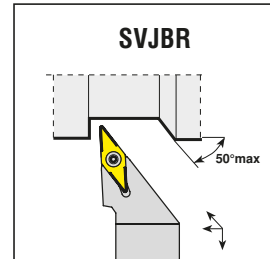
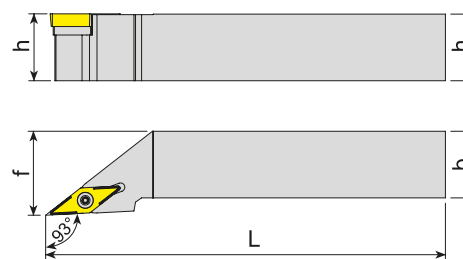
VC.T 1604..

4015-M3.5x14

AAVN-2-0002

AAV-06-M3.5x11

80-T15



**Takım Kodu**  
**Ordering Code**  
**Bestell-Bezeichnung**

Stok  
Stock  
Lager

Takım Ölçüleri (mm)  
Dimension (mm)  
Abmessung (mm)

Kesici Uç  
Insert  
Wendeschneidplatte

Sıkma Vidası  
Screw  
Schraube

Altlık  
Shim  
Unterlage

Altlık Vidası  
Shim Screw  
Schraube für Unterlage

Tork Anahtar  
Torx Key  
Torx-Schlüssel

Yedek Parçaları / Spare Parts / Ersatzteile

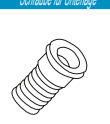
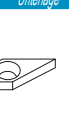
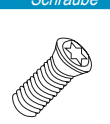
R L

h

b

L

f



SVJBR/L 1212 F11

● ●

12

12

80

16

VBM. 1103..

4008-M2.5x6

-

-

80-T08

1616 H11

● ●

16

16

100

20

2020 K11

● ●

20

20

125

25

1616 H16

● ●

16

16

100

20

2020 K16

● ●

20

20

125

25

2525 M16

● ●

25

25

150

32

3232 P16

● ●

32

32

170

40

VBM. 1604..

4015-M3.5x14

AAVN-2-0002

AAV-06-M3.5x11

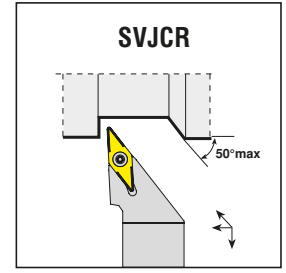
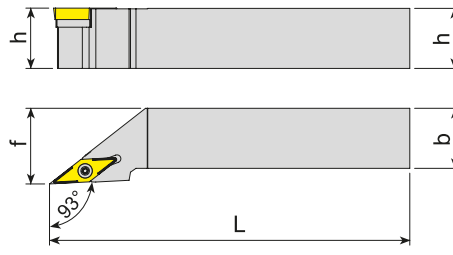
80-T15

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

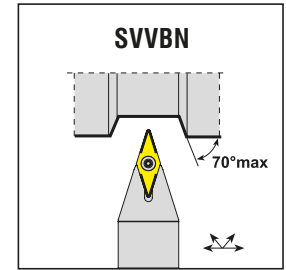
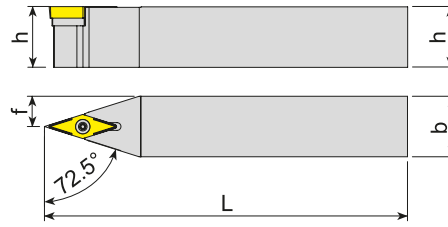
● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage

Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück SVHCR 1212 F11



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)				Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile			
	R	L	h	b	L	f		Sıkma Vidası Screw Schraube	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	-	-	80-T08
1616 H11	●	●	16	16	100	20					
2020 K11	●	●	20	20	125	25					
1212 F16	●	●	12	12	80	16	VC.T 1604..	4015-M3.5x11	AAVN-2-0002	AAV-06-M3.5x11	80-T15
2020 K16	●	●	20	20	125	25		4015-M3.5x14			
2525 M16	●	●	25	25	150	32					
3232 P16	●	●	32	32	170	40					



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

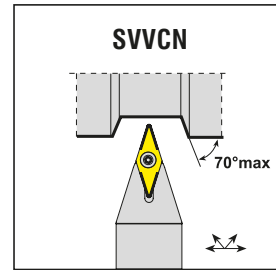
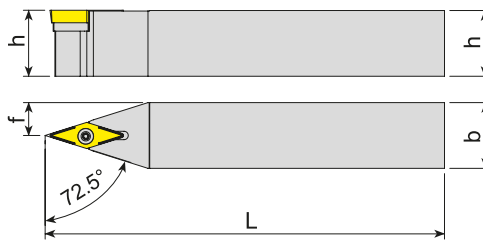
R: Sağ / Right / Rechts L: Sol/Left/Links

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

Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück SVJCR 1212 F11





**Takım Kodu**  
**Ordering Code**  
**Bestell-Bezeichnung**

Stok  
Stock  
Lager

Takım Ölçüleri (mm)  
Dimension (mm)  
Abmessung (mm)

Kesici Uç  
Insert  
Wendeschneidplatte

Sıkma Vidası  
Screw  
Schraube

Altık  
Shim  
Unterlage

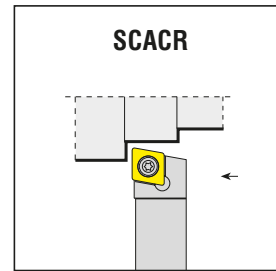
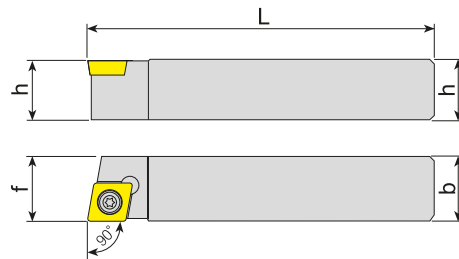
Altık Vidası  
Shim Screw  
Schraube für Unterlage

Tork Anahtar  
Torx Key  
Torx-Schlüssel

Yedek Parçaları / Spare Parts / Ersatzteile

Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)				Kesici Uç Insert Wendeschneidplatte	Sıkma Vidası Screw Schraube	Altık Shim Unterlage	Altık Vidası Shim Screw Schraube für Unterlage	Tork Anahtar Torx Key Torx-Schlüssel
	●	○	h	b	L	f					
<b>SVVCN 1212 F11</b>	●		12	12	80	06	<b>VC.T 1103..</b>	4008-M2.5x6	-	-	80-T08
<b>1616 H11</b>	●		16	16	100	08					
<b>2020 K11</b>	●		20	20	125	10					
<b>2020 K16</b>	●		20	20	125	10	<b>VC.T 1604..</b>	4015-M3.5x14	AAVN-2-0002	AAV-06-M3.5x11	80-T15
<b>2525 M16</b>	●		25	25	150	12.5					
<b>3232 P16</b>	●		32	32	170	16					

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



**Takım Kodu**  
**Ordering Code**  
**Bestell-Bezeichnung**

Stok  
Stock  
Lager

Takım Ölçüleri (mm)  
Dimension (mm)  
Abmessung (mm)

Kesici Uç  
Insert  
Wendeschneidplatte

Sıkma Vidası  
Screw  
Schraube

Altık  
Shim  
Unterlage

Altık Vidası  
Shim Screw  
Schraube für Unterlage

Tork Anahtar  
Torx Key  
Torx-Schlüssel

Yedek Parçaları / Spare Parts / Ersatzteile

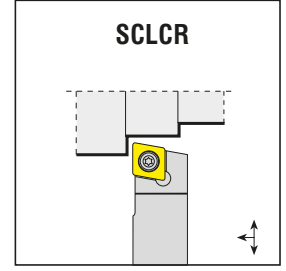
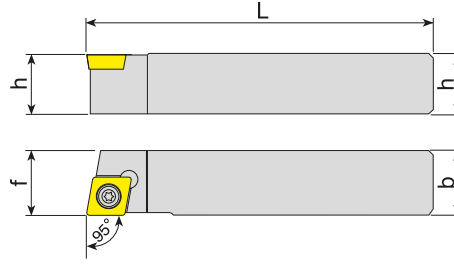
Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)				Kesici Uç Insert Wendeschneidplatte	Sıkma Vidası Screw Schraube	Altık Shim Unterlage	Altık Vidası Shim Screw Schraube für Unterlage	Tork Anahtar Torx Key Torx-Schlüssel
	R	L	h	b	L	f					
<b>SCACR/L 0808 X06-S</b>	●	●	08	08	115	08	<b>CCM. 0602..</b>	4008-M2.5x6	-	-	80-T08
<b>1010 K06-S</b>	●	○	10	10	125	10					
<b>1212 G06-S</b>	●	○	12	12	90	12					
<b>1212 K06-S</b>	●	○	12	12	125	12					
<b>1616 F06-S</b>	○	○	16	16	75	16					
<b>1616 K06-S</b>	○	○	16	16	125	16					
<b>1212 G09-S</b>	○	○	12	12	90	12	<b>CCM. 09T3..</b>	4015-M3.5x11	-	-	80-T15
<b>1212 K09-S</b>	●	●	12	12	125	12					
<b>1616 F09-S</b>	○	○	16	16	75	16					
<b>1616 K09-S</b>	●	●	16	16	125	16					
<b>2020 K09-S</b>	●	●	20	20	125	20					

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

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

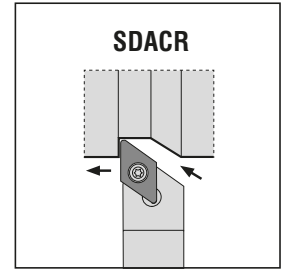
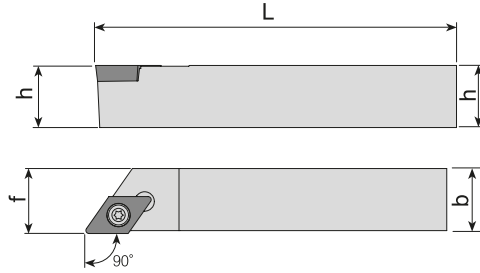
Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück SVVCN 1212 F11



**Takım Kodu**  
**Ordering Code**  
**Bestell-Bezeichnung**

Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)						Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile								
	R	L	h	b	L	f		Sıkma Vidası Screw Schraube	Altlık Shim Unterlage	Altlık Vidası Shim Screw Schraube für Unterlage	Tork Anahtar Torx Key Torx-Schlüssel					
<b>SCLCR/L 0808 X06-S</b>	●	●	08	08	115	08	<b>CCM. 0602..</b>	4008-M2.5x6	-	-	80-T08					
<b>1010 X06-S</b>	●	○	10	10	115	10										
<b>1212 G06-S</b>	○	○	12	12	90	12										
<b>1212 X06-S</b>	●	○	12	12	130	12										
<b>1212 K06-S</b>	○	●	12	12	125	12										
<b>1616 F06-S</b>	●	○	16	16	75	16										
<b>1616 X06-S</b>	●	○	16	16	130	16										
<b>1212 G09-S</b>	●	●	12	12	90	12						<b>CCM. 09T3..</b>	4015-M3.5x11	-	-	80-T15
<b>1212 X09-S</b>	●	○	12	12	130	12										
<b>1616 F09-S</b>	●	○	16	16	75	16										
<b>1616 G09-S</b>	●	○	16	16	90	16										
<b>1616 X09-S</b>	●	○	16	16	115	16										
<b>2020 X09-S</b>	●	○	20	20	120	20										



**Takım Kodu**  
**Ordering Code**  
**Bestell-Bezeichnung**

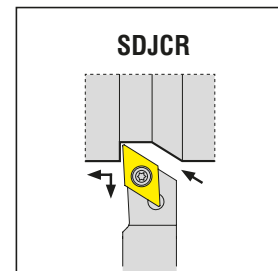
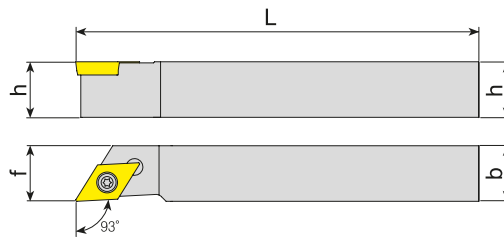
Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)						Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile			
	R	L	h	b	L	f		Sıkma Vidası Screw Schraube	Altlık Shim Unterlage	Altlık Vidası Shim Screw Schraube für Unterlage	Tork Anahtar Torx Key Torx-Schlüssel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

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

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

Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück SCLCR 0808 X06-S



**Takım Kodu**  
**Ordering Code**  
**Bestell-Bezeichnung**

Stok  
Stock  
Lager

Takım Ölçüleri (mm)  
Dimension (mm)  
Abmessung (mm)

Kesici Uç  
Insert  
Wendeschneidplatte

Sıkma Vidası  
Screw  
Schraube

Aitlik  
Shim  
Unterlage

Aitlik Vidası  
Shim Screw  
Schraube für Unterlage

Tork Anahtar  
Torx Key  
Torx-Schlüssel

R L

h

b

L

f



SDJCR/L 0808 X07-S

● ○

08

08

115

08

DC.T 0702..

4008-M2.5x6

-

-

80-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

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

DC.T 11T3..

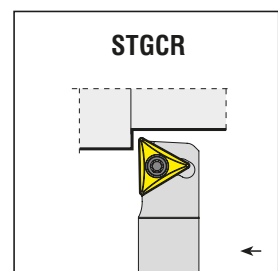
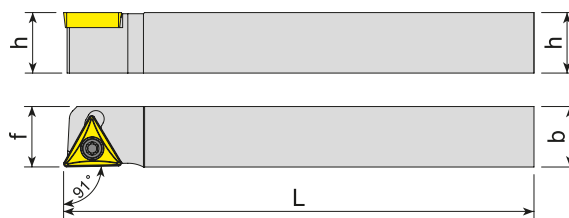
4015-M3.5x11

-

-

80-T15

Yedek Parçaları / Spare Parts / Ersatzteile



**Takım Kodu**  
**Ordering Code**  
**Bestell-Bezeichnung**

Stok  
Stock  
Lager

Takım Ölçüleri (mm)  
Dimension (mm)  
Abmessung (mm)

Kesici Uç  
Insert  
Wendeschneidplatte

Sıkma Vidası  
Screw  
Schraube

Aitlik  
Shim  
Unterlage

Aitlik Vidası  
Shim Screw  
Schraube für Unterlage

Tork Anahtar  
Torx Key  
Torx-Schlüssel

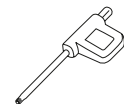
R L

h

b

L

f



STGCR/L 1216 K11-S

● ○

12

16

125

16

TC.T 1102..

4008-M2.5x6

-

-

80-T08

1616 K11-S

● ○

16

16

125

16

1216 K16-S

● ○

12

16

125

16

1616 K16-S

● ○

16

16

125

16

TC.T 16T3..

4015-M3.5x11

-

-

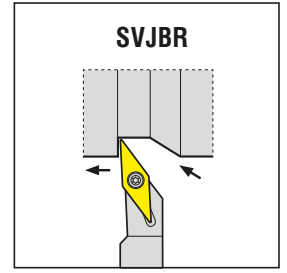
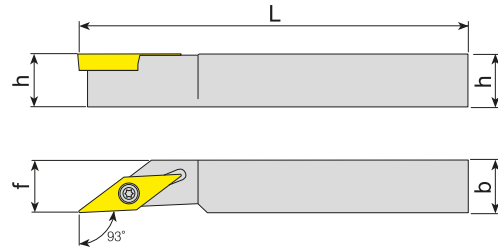
80-T15

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

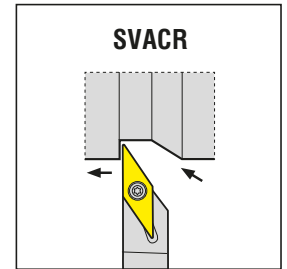
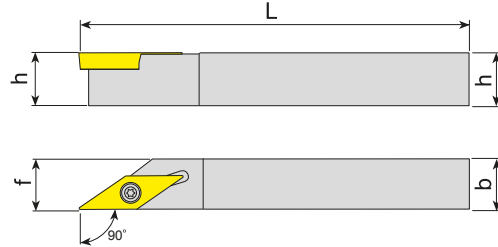
● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage

Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück SDJCR 0808 X07-S



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)				Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile			
	R	L	h	b	L	f		Sıkma Vidası Screw Schraube	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					
							<b>VBM. 1103..</b>	4008-M2.5x6	-	-	80-T08



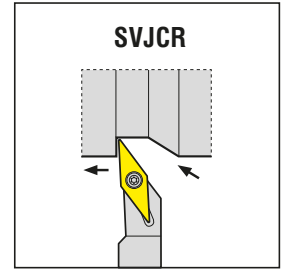
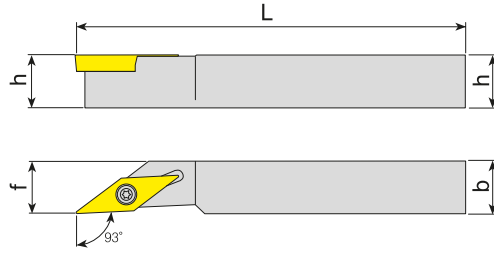
Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)				Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile			
	R	L	h	b	L	f		Sıkma Vidası Screw Schraube	Altlık Shim Unterlage	Altlık Vidası Shim Screw Schraube für 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					
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					
1616 K16-S	●	●	16	16	125	16					<b>VC.T 1604..</b>

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

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

Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück SVJBR 1616 K11-S



**Takım Kodu**  
**Ordering Code**  
**Bestell-Bezeichnung**

Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile				
	R	L	h	b	L		f	Sıkma Vidası Screw Schraube	Altık Shim Unterlage	Altık Vidası Shim Screw Schraube für Unterlage	Tork Anahtar Torx Key Torx-Schlüssel
	●	○	08	08	115	08	VC.T 1103..	4008-M2.5x6	-	-	80-T08
	●	○	10	10	125	10					
	○	○	12	12	90	12					
	●	●	12	12	125	12					
	○	○	16	16	75	16					
	●	○	16	16	125	16					
	○	○	20	20	125	20					

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

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

Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück SVJCR 0808 X11-S







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





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

\*A Yekpare çelik gövde soğutma suyu kanallı / "A" Solid steel with coolant hole  
 \*\*A Vollstahlauführung mit innere Kühlmittelzufuhr  
 \*E Çelik başlıkta sert metal 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 Vollstahlauführung ohne innere Kühlmittelzufuhr

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

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

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

<b>C</b>	<b>T</b>	<b>M</b>	<b>P</b>	<b>S</b>

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	

(mm)

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

<b>C</b>	<b>D</b>	<b>E</b>
<b>V</b>	<b>R</b>	<b>S</b>
<b>W</b>	<b>K</b>	<b>T</b>

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

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

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

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

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



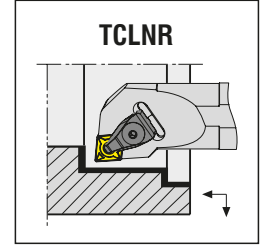
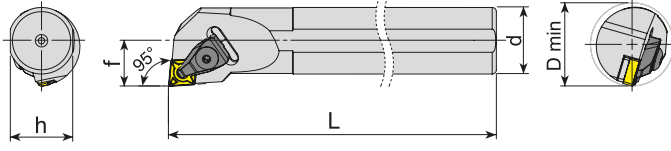
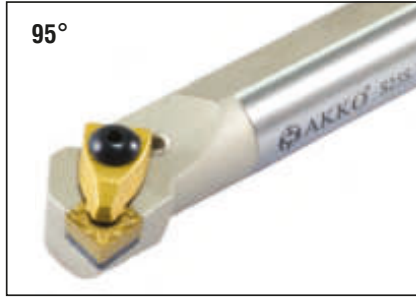


# T&C-SİSTEM

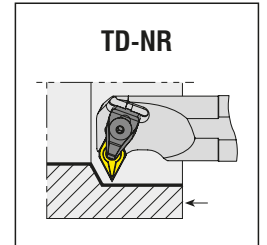
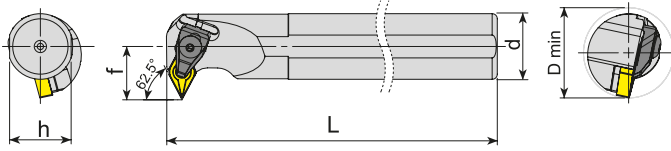
T&C SİSTEM DELİK TORNA KATERLERİ  
T&C SYSTEM BORING BARS  
T&C SYSTEM BOHRSTANGE

*konusulan  
the spoken kalite...  
quality...*





Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)				Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile							
	R	L	d	h	L	f		D min	Baskı Pabucu Wedge Clamp Spannpratze	Pabuç Vidası Clamp Screw Klemmschraube	Altlık Shim Unterlage	Altlık Vidası Shim Screw Schraube für Unterlage	Sekman Ring Feder	Pul Stamp Ring	Anahtar Allen Key Innerschlankschlüssel
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	-	ABPL-02	AAL-05-4
S50V TCLNR/L 16	●	●	50	47	400	35	≥63								



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)				Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile							
	R	L	d	h	L	f		D min	Baskı Pabucu Wedge Clamp Spannpratze	Pabuç Vidası Clamp Screw Klemmschraube	Altlık Shim Unterlage	Altlık Vidası Shim Screw Schraube für Unterlage	Sekman Ring Feder	Pul Stamp Ring	Anahtar Allen Key Innerschlankschlüssel
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								

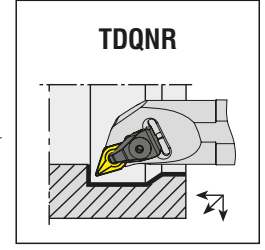
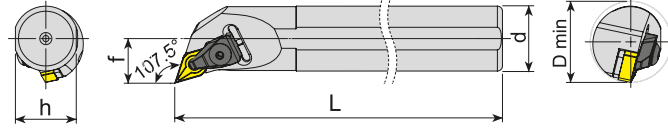
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● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage

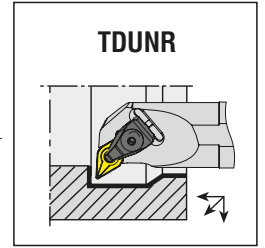
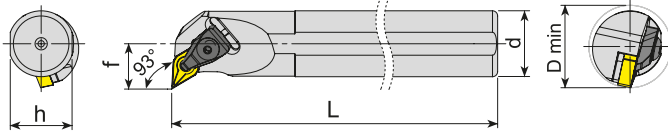
Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück S25S TCLNR 09





Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile						
	R	L	d	h	L	f	D min		Baskı Pabucu Wedge Clamp Spannpratze	Pabuç Vidası Clamp Screw Klemmschraube	Altlık Shim Unterlage	Altlık Vidası Shim Screw Schraube für Unterlage	Sekman Ring Feder	Pul Stamp Ring	Anahtar Allen Key Innerschraubenschlüssel
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	ABPL-01	AAL-03-3
S32T TDQNR/L 15	●	●	32	30	300	22	≥40					AAV-02-M5x12			
S40U TDQNR/L 15	●	●	40	37.5	350	27	≥50								
S50V TDQNR/L 15	●	●	50	47	400	35	≥63								



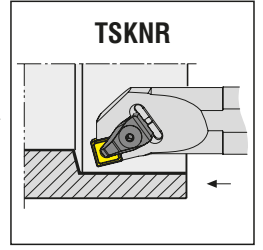
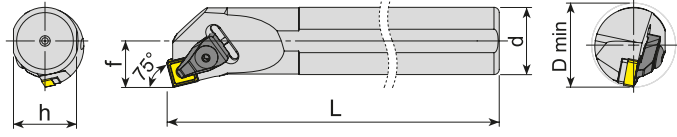
Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile						
	R	L	d	h	L	f	D min		Baskı Pabucu Wedge Clamp Spannpratze	Pabuç Vidası Clamp Screw Klemmschraube	Altlık Shim Unterlage	Altlık Vidası Shim Screw Schraube für Unterlage	Sekman Ring Feder	Pul Stamp Ring	Anahtar Allen Key Innerschraubenschlüssel
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	ABPL-01	AAL-03-3
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								

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

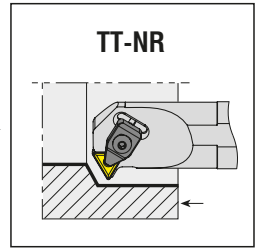
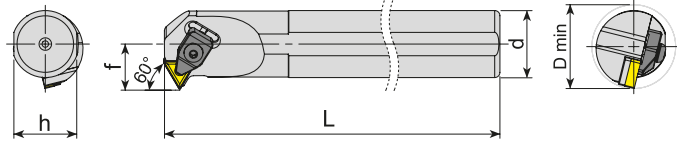
● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage

Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück S25S TDQNR 11



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



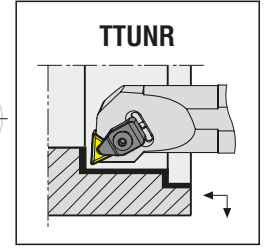
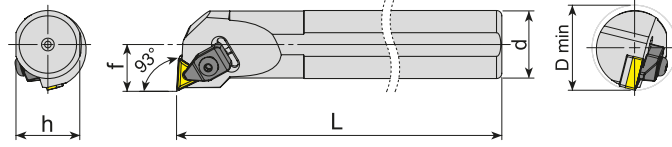
Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)				Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile							
	R	L	d	h	L	f		D min	Baskı Pabucu Wedge Clamp Spannpratze	Pabuç Vidası Clamp Screw Klemmschraube	Altlık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

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

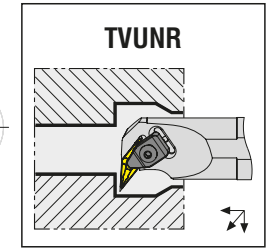
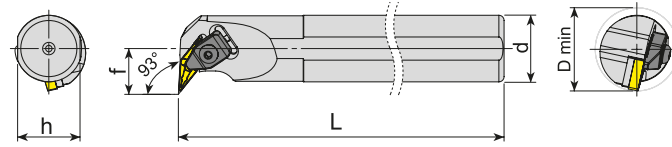
● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage

Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück S25S TSKNR 12



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)				Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile							
	R	L	d	h	L	f		D min	Baskı Pabucu Wedge Clamp Spannpratze	Pabuç Vidası Clamp Screw Klemmschraube	Altlık Shim Unterlage	Altlık Vidası Shim Screw Schraube für Unterlage	Sekman 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	ABPL-01	AAL-03-3
S32T TTUNR/L 22	●	●	32	30	300	22	≥40								
S40U TTUNR/L 22	●	●	40	37.5	350	27	≥50								
S50V TTUNR/L 22	●	●	50	47	400	35	≥63								



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)				Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile							
	R	L	d	h	L	f		D min	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
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

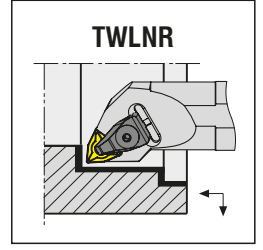
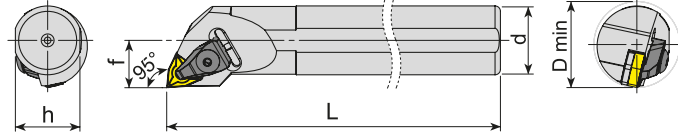
● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage

Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück S25S TTUNR 16

## T-SİSTEM DELİK TORNA KATERLERİ

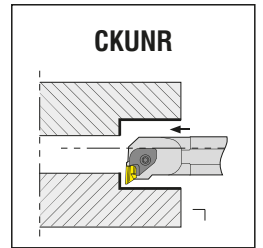
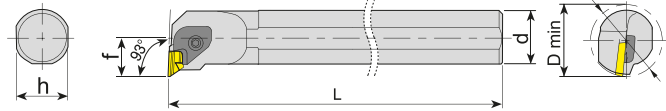
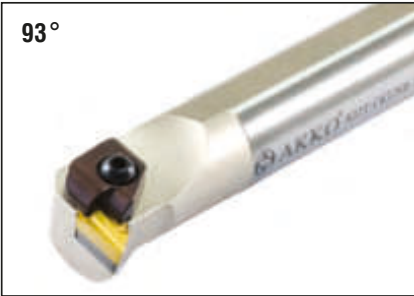
T-SYSTEM BORING BARS  
T-SYSTEM BOHRSTANGE



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



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)				Kesici Uç Insert Wendeschneidplatte	Baskı Pabucu Wedge Clamp Spannpratze	Pabuç Vidası Clamp Screw Klemmschraube	Yedek Parçaları / Spare Parts / Ersatzteile		Pul Stamp Ring	Anahtar Allen Key Innerschraubschlüssel		
	R	L	d	h	L	f				D min	Altık Shim Unterlage			Altık Vidası Shim Screw Schraube für Unterlage	Yay Spring Feder
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



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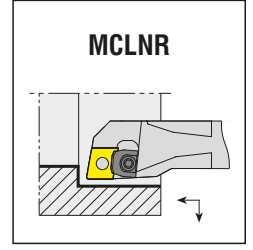
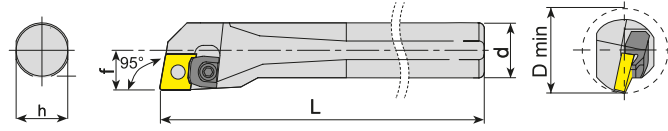
# M-SİSTEM

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

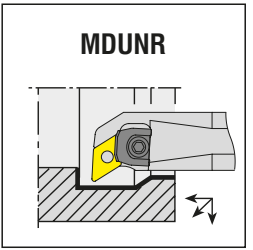
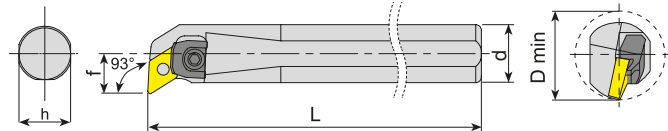
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the spoken kalite...  
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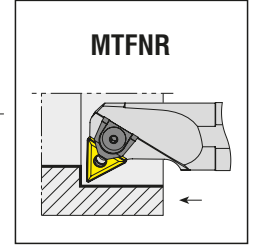
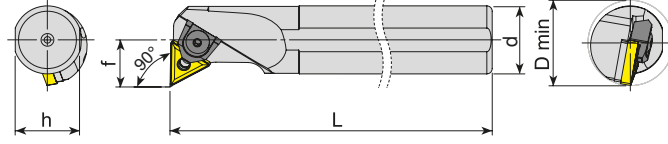
Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)				Kesici Uç Insert Wendeschneidplatte	Baskı Pabucu Wedge Clamp Spannpratze	Pabuç Vidası Clamp Screw Klemmschraube	Altlık Shim Unterlage	Pim Pin Passstift	Pul Stamp Ring	Anahtar Allen Key Innerschloßschlüssel	
	R	L	d	h	L	f								D min
S20R MCLNR/L 12	●	●	20	18.3	200	13	≥25	CNM. 1204..	AMK-07	AKV-04-M5x17	-	APM-12	-	AAL-03-3
S25S MCLNR/L 12	●	●	25	23	250	17	≥32		AMK-03		APM-13			
S32T MCLNR/L 12	●	●	32	30	300	22	≥40				APM-04			



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

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

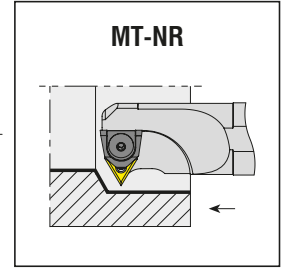
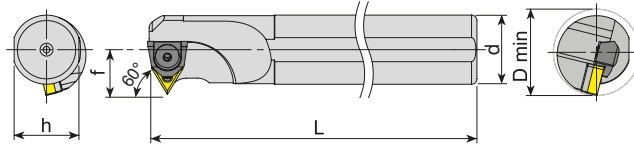
Sipariş Örneği/Ordering Example/Bestellbeispiel  
1 ad./pcs./stück S20R MCLNR 12



**Takım Kodu**  
**Ordering Code**  
**Bestell-Bezeichnung**

Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)							Kesici Uç Insert Wendeschneidplatte	Baskı Pabucu Wedge Clamp Spannpratze	Pabuç Vidası Clamp Screw Klemmschraube	Altlık Shim Unterlage	Pim Pin Passstift	Sekman Ring Feder	Pul Stamp Ring	Anahtar Allen Key Innerschraubschlüssel		
	R	L	d	h	L	f	D min										
	●	●	20	18.3	200	14	≥25	TNM. 1604..	AMK-02	AKV-17-M5x15	-	APM-03	-	-			
	●	●	25	23	250	17	≥32					APM-14					
	●	●	32	30	300	22	≥40					AATN-2-0002	APM-01	AS-01	ABPL-01	AAL-03-3	
	●	●	40	37.5	350	27	≥50			AMK-04	AKV-30-M6x22						
	●	●	32	30	300	22	≥40	TNM. 2204..				APM-02					
	●	●	40	37.5	350	27	≥50					AATN-3-0015					
	●	○	50	47	400	35	≥63										

Yedek Parçaları / Spare Parts / Ersatzteile



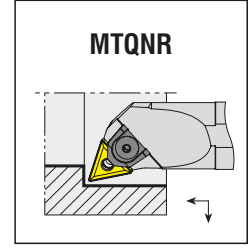
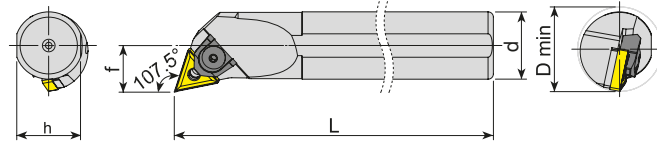
**Takım Kodu**  
**Ordering Code**  
**Bestell-Bezeichnung**

Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)							Kesici Uç Insert Wendeschneidplatte	Baskı Pabucu Wedge Clamp Spannpratze	Pabuç Vidası Clamp Screw Klemmschraube	Altlık Shim Unterlage	Pim Pin Passstift	Sekman Ring Feder	Pul Stamp Ring	Anahtar Allen Key Innerschraubschlüssel		
	R	L	d	h	L	f	D min										
	●	●	20	18.3	200	16	≥26	TNM. 1604..	AMK-02	AKV-04-M5x17	-	APM-03	-	-			
	●	●	25	23	250	17	≥32						APM-14				
	●	●	32	30	300	22	≥40					AATN-2-0002	APM-01	AS-01	ABPL-01	AAL-03-3	
	●	●	40	37.5	350	27	≥50	TNM. 2204..				APM-02					
	●	●	32	30	300	24	≥40			AMK-04	AKV-30-M6x22	AATN-3-0015					
	●	●	40	37.5	350	27	≥50										
	●	○	50	47	350	35	≥63										

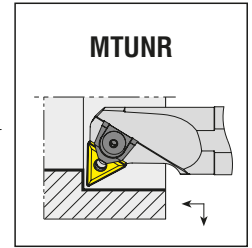
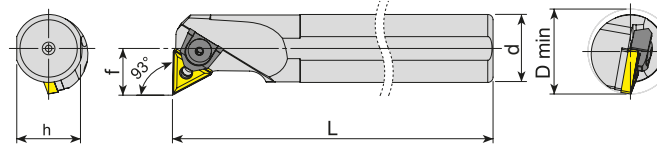
Yedek Parçaları / Spare Parts / Ersatzteile

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



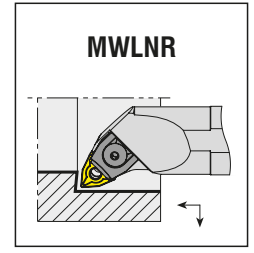
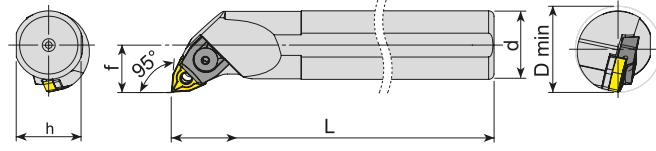
Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Baskı Pabucu Wedge Clamp Spannpratze	Pabuç Vidası Clamp Screw Klemmschraube	Yedek Parçaları / Spare Parts / Ersatzteile				
	R	L	d	h	L	f	D min				Altlık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



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

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

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



**Takım Kodu**  
**Ordering Code**  
**Bestell-Bezeichnung**

Stok  
Stock  
Lager

Takım Ölçüleri (mm)  
Dimension (mm)  
Abmessung (mm)

Kesici Uç  
Insert  
Wendeschneidplatte

Baskı Pabucu  
Wedge Clamp  
Spannpratze

Pabuç Vidası  
Clamp Screw  
Klemmschraube

Altlık  
Shim  
Unterlage

Pim  
Pin  
Passstift

Sekman  
Ring  
Feder

Pul  
Stamp  
Ring

Anahtar  
Allen Key  
Innensechskantschlüssel

Yedek Parçaları / Spare Parts / Ersatzteile

**S16P MWNLR/L 06**  
**S20R MWNLR/L 06**  
**S25S MWNLR/L 06**  
**S25S MWNLR/L 08**  
**S32T MWNLR/L 08**  
**S40U MWNLR/L 08**

R L

d

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L

f

D  
min

WNM. 0604..

AMK-01

AKV-17-M5x15

AKV-04-M5x17

-

APM-09

APM-10

-

APM-08

APM-04

APM-02

AS-01

ABPL-01

AAWN-3-0001

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R: Sağ / Right / Rechts L: Sol/Left/Links  
● 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 MWNLR 06





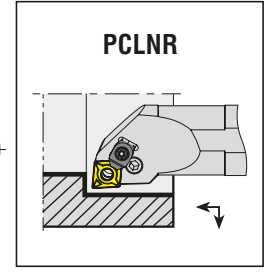
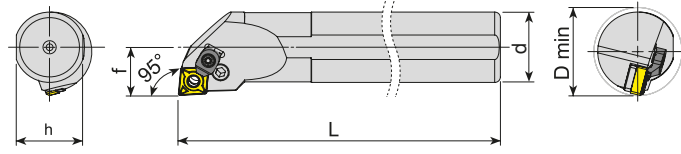


*konusulan  
the spoken kalite...  
quality...*

# P-SİSTEM

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





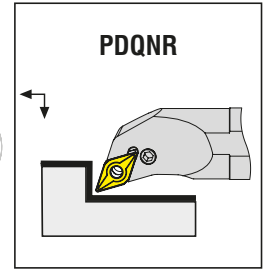
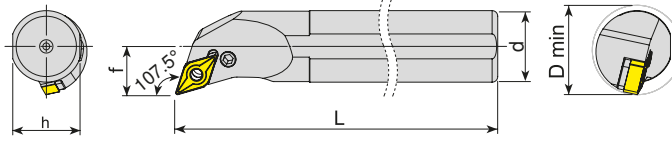
Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)				Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile							
	R	L	d	h	L	f		D min	Levyeye Lever Kniehebel	Levyeye Vidası Lever Screw Kniehebelschraube	Altık Shim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

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

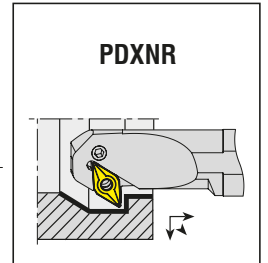
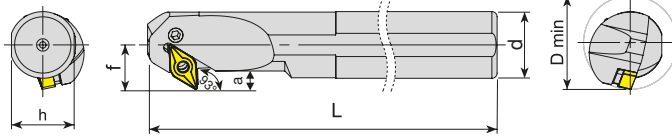
● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage

Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück S16P PCLNR 09



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile						
	R	L	d	h	L	f	D min		Levye Lever Kniehebel	Levye Vidası Lever Screw Kniehebelschraube	Altılık Shim Unterlage	Altılık Yayını Shim Spring Feder für Unterlage	Baskı Pabucu Wedge Clamp Spannpratze	Pabuç Vidası Clamp Screw Klemmschraube	Anahtar Allen Key Innerschraubschlüssel
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	DNM. 1504..	APL-03	ALV-03-M8x19	AADN-2-0003	AAY-02	-	-	AAL-03-3
S32T PDQNR/L 1504	●	●	32	30	300	22	≥40								
S40U PDQNR/L 1504	●	●	40	37.5	350	27	≥50	DNM. 1506..	APL-03	ALV-03-M8x19	AADN-3-0001	AAY-02	-	-	AAL-03-3
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	DNM. 1504..	APL-03	ALV-03-M8x19	AADN-2-0003	AAY-02	-	-	AAL-03-3
A32S PDQNR/L 1504	●	●	32	30	250	22	≥40								
A40T PDQNR/L 1504	●	●	40	37.5	300	27	≥50								



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)						Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile						
	R	L	d	h	L	f	a	D min		Levye Lever Kniehebel	Levye Vidası Lever Screw Kniehebelschraube	Altılık Shim Unterlage	Altılık Yayını Shim Spring Feder für Unterlage	Baskı Pabucu Wedge Clamp Spannpratze	Pabuç Vidası Clamp Screw Klemmschraube	Anahtar Allen Key Innerschraubschlüssel
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								

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

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

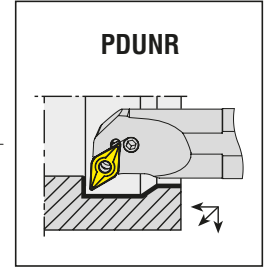
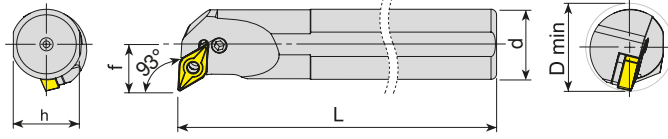
Not: "a" ölçüleri R0.8'e göre verilmiştir.

Note: Dimensions of "a" are given according to R.08.

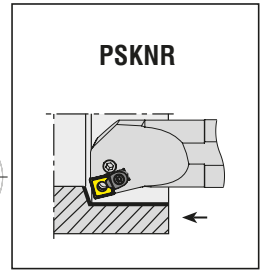
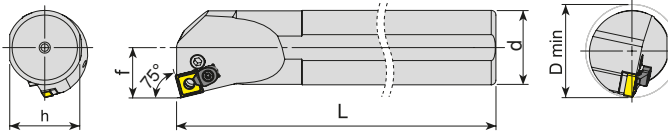
Hinweis: Maß "a" gilt für Eckenradius 0,4 mm

Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück S20R PDQNR 11



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)				Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile							
	R	L	d	h	L	f		D min	Levyé Lever Kniehebel	Levyé Vidası Lever Screw Kniehebelschraube	Altık Shim Unterlage	Altık Yayı Shim Spring Feder für Unterlage	Baskı Pabucu Wedge Clamp Spannpratze	Pabuç Vidası Clamp Screw Klemmschraube	Anahtar Allen Key Innerschlüsselschlüssel
	●	●													
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			ALV-08-M8x16					
S32T PDUNR/L 15	●	●	32	30	300	22	≥40	DNM. 1506..	APL-03	ALV-03-M8x19	AADN-3-0001	AAY-02	-	-	AAL-03-3
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					
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								

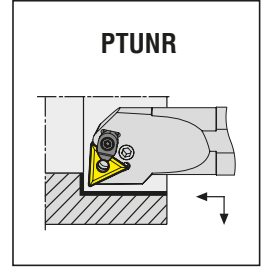
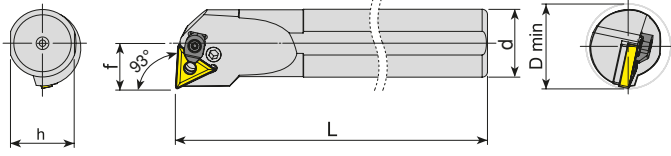


Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)				Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile							
	R	L	d	h	L	f		D min	Levyé Lever Kniehebel	Levyé Vidası Lever Screw Kniehebelschraube	Altık Shim Unterlage	Altık Yayı Shim Spring Feder für Unterlage	Baskı Pabucu Wedge Clamp Spannpratze	Pabuç Vidası Clamp Screw Klemmschraube	Anahtar Allen Key Innerschlüsselschlüssel
	●	●													
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	SNM. 1506..	APL-04	ALV-04-M8x22	AASN-3-0023	AAY-03	-	-	AAL-03-3
S32T PSKNR/L 15	○	○	32	30	300	22	≥40								
S40U PSKNR/L 15	○	○	40	37.5	350	27	≥50								
S50V PSKNR/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 PDUNR 11





Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)				Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile							
	R	L	d	h	L	f		D min	Levyeye Lever Kniehebel	Levyeye Vidası Lever Screw Kniehebelschraube	Altık Shim Unterlage	Altık Yayını Shim Spring Feder für Unterlage	Baskı Pabuçu Wedge Clamp Spannpratze	Pabuç Vidası Clamp Screw Klemmschraube	Anahtar Allen Key Innensechskantschlüssel
<b>S16P PTUNR/L 16</b>	●	●	16	14.8	170	11	≥20	TNM. 1604..	APL-08	ALV-07-M6x13	-	AAV-07	-	-	AAL-02-2.5
<b>S20R PTUNR/L 16</b>	●	●	20	18.3	200	13	≥25		APL-01	ALV-01-M6x14	AATN-3-0025	AAV-01			
<b>S25S PTUNR/L 16C</b>	●	●	25	23	250	17	≥32								
<b>S32T PTUNR/L 16C</b>	●	●	32	30	300	22	≥40								
<b>S40U PTUNR/L 16C</b>	●	●	40	37.5	350	27	≥50		TNM. 2204..	APL-02	ALV-03-M8x19	AATN-3-0015	AAV-02	ACK-05	
<b>S32T PTUNR/L 22C</b>	●	●	32	30	300	22	≥40								
<b>S40U PTUNR/L 22C</b>	●	●	40	37.5	350	27	≥50								
<b>S50V PTUNR/L 22C</b>	●	●	50	47	400	35	≥63								

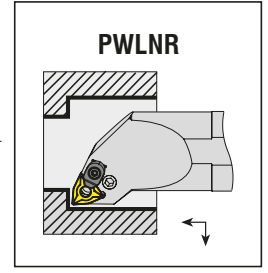
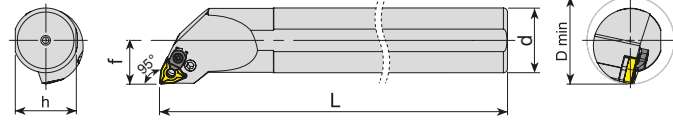
R: Sağ / Right / Rechts L: Sol/Left/Links

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

Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück S16P PTUNR 16





Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Levyeye Lever Kniehebel	Levyeye Vidası Lever Screw Kniehebelschraube	Altık Shim Unterlage	Altık Yay Shim Spring Feder für Unterlage	Baskı Pabucu Wedge Clamp Spannpratze	Pabuç Vidası Clamp Screw Klemmschraube	Anahtar Allen Key Innensechskantschlüssel
	R	L	d	h	L	f	D min								
<b>S20R PWNLR/L 06</b>	●	●	20	18.3	200	13	≥25	<b>WNM. 0604..</b>	APL-01	ALV-01-M6x14 ALV-02-M6x17	AAWN-SW317	AAY-01	-	-	AAL-02-2.5
<b>S25S PWNLR/L 06</b>	●	●	25	23	250	17	≥32								
<b>S32T PWNLR/L 06</b>	●	●	32	30	300	22	≥40								
<b>S25S PWNLR/L 08C</b>	●	●	25	23	250	17	≥32	<b>WNM. 0804..</b>	APL-02	ALV-03-M8x19	AAWN-3-0001	AAY-02	ACK-05	4015-M4x11	AAL-03-3
<b>S32T PWNLR/L 08C</b>	●	●	32	30	300	22	≥40								
<b>S40U PWNLR/L 08C</b>	●	●	40	37.5	350	27	≥50								
<b>S50V PWNLR/L 08C</b>	●	●	50	47	400	35	≥63	<b>WNM. 0604..</b>	APL-01	ALV-01-M6x14 ALV-02-M6x17	AAWN-SW317	AAY-01	-	-	AAL-02-2.5
<b>A20P PWNLR/L 06</b>	●	●	20	18.3	170	13	≥25								
<b>A25R PWNLR/L 06</b>	●	●	25	23	200	17	≥32								
<b>A32S PWNLR/L 06</b>	●	●	32	30	250	22	≥40	<b>WNM. 0804..</b>	APL-02	ALV-03-M8x19	AAWN-3-0001	AAY-02	ACK-05	4015-M4x11	AAL-03-3
<b>A25R PWNLR/L 08C</b>	●	●	25	23	200	17	≥32								
<b>A32S PWNLR/L 08C</b>	●	●	32	30	250	22	≥40								
<b>A40T PWNLR/L 08C</b>	●	●	40	37.5	300	27	≥50	<b>WNM. 0804..</b>	APL-02	ALV-03-M8x19	AAWN-3-0001	AAY-02	ACK-05	4015-M4x11	AAL-03-3
<b>A50U PWNLR/L 08C</b>	●	●	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 PWNLR 06



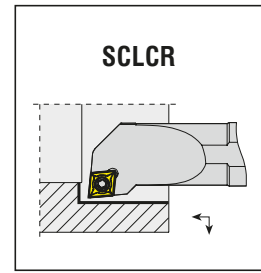
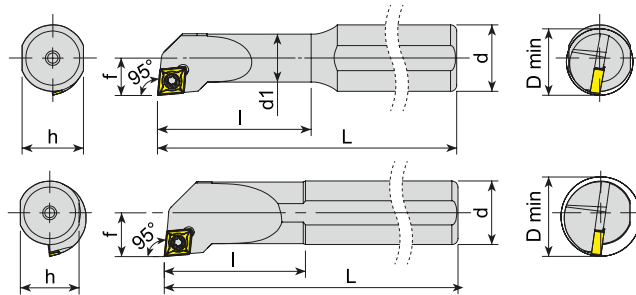


*konusulan  
the spoken kalite...  
quality...*

# S-SİSTEM

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





**Takım Kodu**  
**Ordering Code**  
**Bestell-Bezeichnung**

Stok  
Stock  
Lager

Takım Ölçüleri (mm)  
Dimension (mm)  
Abmessung (mm)

Kesici Uç  
Insert  
Wendeschneidplatte

Yedek Parçaları / Spare Parts / Ersatzteile

Sıkma Vidası  
Screw  
Schraube

Altık  
Shim  
Unterlage

Altık Vidası  
Shim Screw  
Schraube für Unterlage

Tork Anahtar  
Torx Key  
Torx-Schlüssel

R	L	d	d1	h	l	L	f	D min	Kesici Uç Insert Wendeschneidplatte	Sıkma Vidası Screw Schraube	Altık Shim Unterlage	Altık Vidası Shim Screw Schraube für Unterlage	Tork Anahtar Torx Key Torx-Schlüssel
●	○	08	5	7.3	18	100	3	≥6	CC.T 030102	4006-M1.6x3.2 4008-M2.5x4.5			80-T06
●	●	08	6	7.3	25	100	4.5	≥8	CC.T 0602..	4008-M2.5x6	-	-	80-T08
●	●	08	8	7.3	20	100	06	≥11					
●	●	10	10	09	25	125	07	≥13					
●	●	12	12	11	25	125	09	≥16					
●	●	16	11.5	14.8	37	170	09	≥16					
●	●	16	16	14.8	35	170	11	≥20	CC.T 09T3..	4015-M3.5x8		80-T15	
●	●	12	12	11	30	125	09	≥16					
●	●	16	14	14.8	45	170	9.5	≥17					
●	●	16	16	14.8	35	170	11	≥20					
●	●	20	16	18.3	50	200	11	≥20					
●	●	20	20	18.3	40	200	13	≥25	CC.T 1204..	4015-M3.5x12	AACN-2-0001	AAV-08-M3.5x8	80-T20
●	●	25	25	23	50	250	17	≥32					
●	●	32	32	30	60	300	22	≥40					
●	●	25	25	23	50	250	17	≥32					
●	●	32	32	30	60	300	22	≥40					
●	●	40	40	37.5	70	350	27	≥50	CC.T 0602..	4008-M2.5x6	-	-	80-T08
●	●	08	8	7.3	20	100	06	≥11					
●	●	10	10	09	25	100	07	≥13					
●	●	12	12	11	25	100	09	≥16					
●	●	16	16	14.8	35	150	11	≥20					
●	●	20	20	18.3	40	170	13	≥25	CC.T 09T3..	4015-M3.5x9	-	-	80-T15
●	●	25	25	23	50	200	17	≥32					
●	●	32	32	30	60	250	22	≥40					
●	●	25	25	23	50	200	17	≥32					
●	●	32	32	30	60	250	22	≥40					
●	●	25	25	23	50	200	17	≥32	CC.T 1204..	4020-M4.5x12	AACN-2-0003	AAV-10-M4.5x8	80-T20

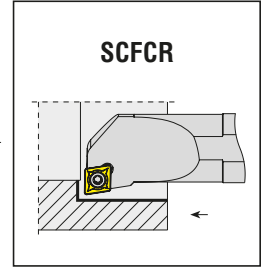
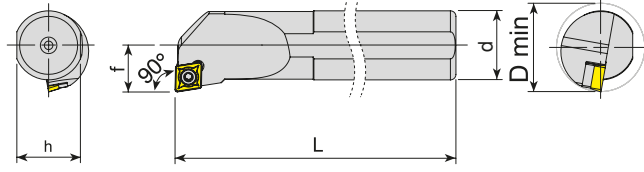
R: Sağ / Right / Rechts L: Sol/Left/Links

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

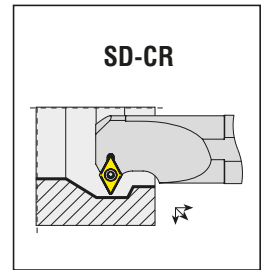
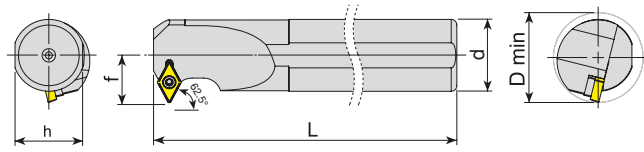
Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück S0608H SCLCR 03





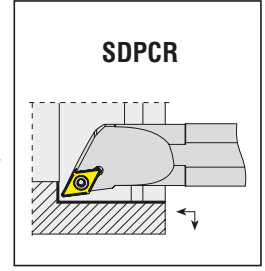
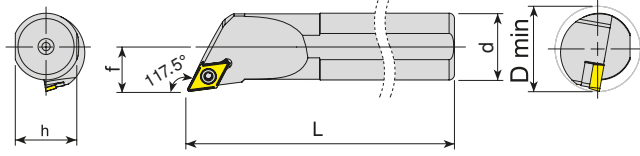
Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile			
	R	L	d	h	L	f	D min		Sıkma Vidası Screw Schraube	Altlık Shim Unterlage	Altlık Vidası Shim Screw Schraube für Unterlage	Tork Anahtar Torx Key Torx-Schlüssel
S08H SCFCR/L 06	●	●	08	7.3	100	06	≥11	CC.T 0602..	4008-M2.5x6	-	-	80-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					
S20R SCFCR/L 09	●	●	20	18.3	200	13	≥25					
S25S SCFCR/L 09	●	●	25	23	250	17	≥32	CC.T 1204..	4015-M3.5x12	AACN-2-0001	AAV-08-M3.5x8	80-T20
S25S SCFCR/L 12	●	○	25	23	250	17	≥32					
S32T SCFCR/L 12	○	○	32	30	300	22	≥40					
S40U SCFCR/L 12	○	○	40	37.5	350	27	≥50		1020-M4.5x16		AAV-07-M4.5x13	



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

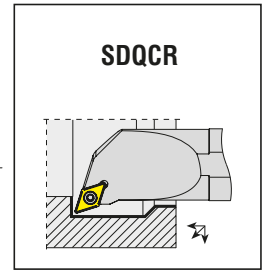
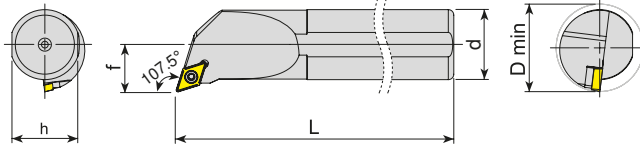
R: Sağ / Right / Rechts L: Sol/Left/Links  
● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage

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



**Takım Kodu**  
**Ordering Code**  
**Bestell-Bezeichnung**

Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)							Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile				
	R	L	d	h	L	f	D min		Sıkma Vidası Screw Schraube	Altlık Shim Unterlage	Altlık Vidası Shim Screw Schraube für Unterlage	Tork Anahtar Torx Key Torx-Schlüssel	
<b>S10K SDPCR/L 07</b>	●	●	10	09	125	07	≥13	<b>DC.T 0702..</b>		-	-	80-T08	
<b>S12K SDPCR/L 07</b>	●	●	12	11	125	09	≥16						
<b>S16P SDPCR/L 11</b>	●	●	16	14.8	170	11	≥20						
<b>S20R SDPCR/L 11</b>	●	●	20	18.3	200	13	≥25	<b>DC.T 11T3..</b>	4015-M3.5x9	-	-	80-T15	
<b>S25S SDPCR/L 11</b>	●	●	25	23	250	17	≥32		4015-M3.5x11				
									4015-M3.5x12				AADN-2-0001



**Takım Kodu**  
**Ordering Code**  
**Bestell-Bezeichnung**

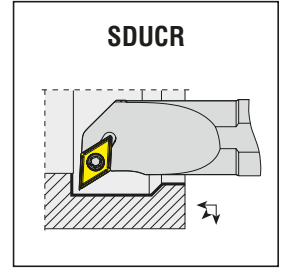
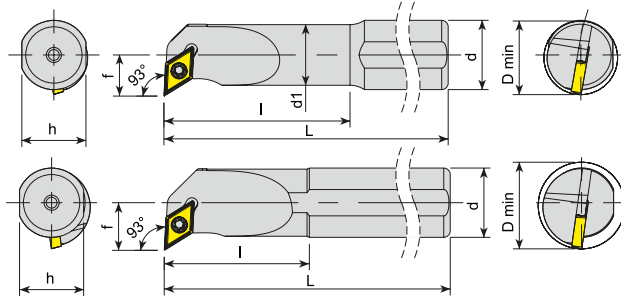
Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)							Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile				
	R	L	d	h	L	f	D min		Sıkma Vidası Screw Schraube	Altlık Shim Unterlage	Altlık Vidası Shim Screw Schraube für Unterlage	Tork Anahtar Torx Key Torx-Schlüssel	
<b>S10K SDQCR/L 07</b>	●	●	10	09	125	07	≥13	<b>DC.T 0702..</b>		-	-	80-T08	
<b>S12K SDQCR/L 07</b>	●	●	12	11	125	09	≥16						
<b>S16P SDQCR/L 07</b>	●	●	16	14.8	170	11	≥20						
<b>S20R SDQCR/L 07</b>	●	●	20	18.3	200	13	≥25	<b>DC.T 11T3..</b>	4015-M3.5x9	-	-	80-T15	
<b>S16P SDQCR/L 11</b>	●	●	16	14.8	170	11	≥20						
<b>S20R SDQCR/L 11</b>	●	●	20	18.3	200	13	≥25						
<b>S25S SDQCR/L 11</b>	●	●	25	23	250	17	≥32	4015-M3.5x12	AADN-2-0001	AAV-08-M3.5x8	80-T15		
<b>S32T SDQCR/L 11</b>	●	●	32	30	300	22	≥40						
<b>S40U SDQCR/L 11</b>	●	●	40	37.5	350	27	≥50						
<b>A10H SDQCR/L 07</b>	●	●	10	09	100	07	≥13	<b>DC.T 0702..</b>	4008-M2.5x6	-	-	80-T08	
<b>A12H SDQCR/L 07</b>	●	●	12	11	100	09	≥16						
<b>A16M SDQCR/L 07</b>	●	●	16	14.8	150	11	≥20						
<b>A20P SDQCR/L 07</b>	●	●	20	18.3	170	13	≥25	<b>DC.T 11T3..</b>	4015-M3.5x9	-	-	80-T15	
<b>A16M SDQCR/L 11</b>	●	●	16	14.8	150	11	≥20						
<b>A20P SDQCR/L 11</b>	●	●	20	18.3	170	13	≥25						
<b>A25R SDQCR/L 11</b>	●	●	25	23	200	17	≥32	4015-M3.5x12	AADN-2-0001	AAV-08-M3.5x8	80-T15		
<b>A32S SDQCR/L 11</b>	●	●	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 S10K SDPCR 07



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)						Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile				
	R	L	d	d1	h	l	L	f		D min	Sıkma Vidası Screw Schraube	Altlık Shim Unterlage	Altlık Vidası Shim Screw Schraube für Unterlage	Tork Anahtar Torx Key Torx-Schlüssel
S0810K SDUCR/L 07	●	●	10	8	09	30	125	08	≥13	DC.T 0702..	4008-M2.5x6	-	-	80-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					
S25S SDUCR/L 11	●	●	25	25	23	50	250	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					
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	-	-	80-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					
A20P SDUCR/L 11	●	●	20	20	18.3	40	170	13	≥25					
A25R SDUCR/L 11	●	●	25	25	23	50	200	17	≥32	DC.T 11T3..	4015-M3.5x9	-	-	80-T15
A20P SDUCR/L 11	●	●	20	20	18.3	40	170	13	≥25					
A25R SDUCR/L 11	●	●	25	25	23	50	200	17	≥32					
A32S SDUCR/L 11	●	●	32	32	30	60	250	22	≥40	4015-M3.5x12	AADN-2-0001	AAV-08-M3.5x8		
										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

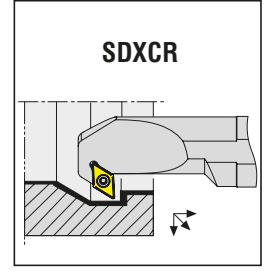
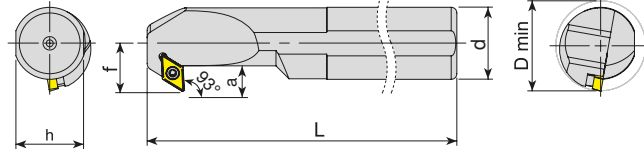
Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück S0810K SDUCR 07





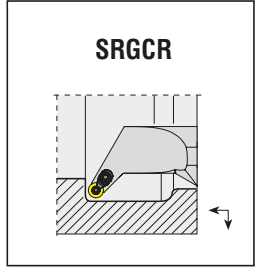
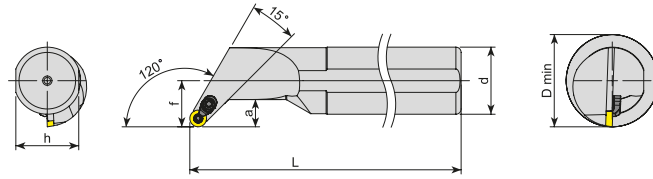
93°



SDXCR

Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile						
	R	L	d	h	L	f	a		D min	Sıkma Vidası Screw Schraube	Altık Shim Unterlage	Altık Vidası Shim Screw Schraube für Unterlage	Tork Anahtar Torx Key Torx-Schlüssel		
S12K SDXCR/L 07	●	●	12	11	125	09	4.5	≥16	DC.T 0702..	4008-M2.5x6	-	-	80-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	7.5	≥20	DC.T 11T3..	4015-M3.5x11	-	-	80-T15		
S20R SDXCR/L 11	●	●	20	18.3	200	14	7.5	≥25							
S25S SDXCR/L 11	●	●	25	23	250	17	9	≥32						AADN-2-0001	AAV-08-M3.5x8
S32T SDXCR/L 11	●	●	32	30	300	22	12.5	≥40							
S40U SDXCR/L 11	●	●	40	37.5	350	27	14.5	≥50							

Not: "a" ölçüleri R0.4'e göre verilmiştir.  
Note: Dimensions of "a" are given according to R.04.  
Hinweis: Das Maß "a" bezieht sich auf R 0,4



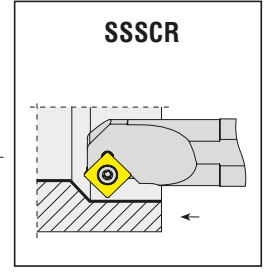
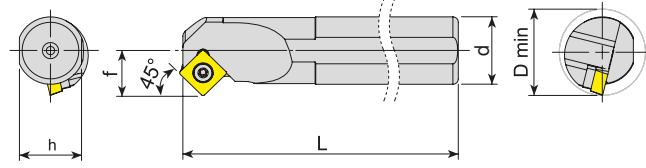
SRGCR

Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile						
	R	L	d	h	L	f	a		D min	Sıkma Vidası Screw Schraube	Altık Shim Unterlage	Altık Vidası Shim Screw Schraube für Unterlage	Baskı Pabucu Shim Screw Spann Pratze	Pabuç Vidası Shim Screw Klemmschraube	Anahtar Allen Key Innerschlüsselschlüssel
S16P SRGCR/L 08	●	○	16	14.8	170	11	7	≥22	RCM. 0803..	3008-M3x8	-	-	-	-	80-T08
S20R SRGCR/L 08	●	●	20	18.3	200	13	7	≥26							
S25S SRGCR/L 08C	●	●	25	23	250	17	9.5	≥34							
S32T SRGCR/L 08C	●	○	32	30	300	22	13	≥44							
S40U SRGCR/L 08C	●	○	40	37.5	350	27	15	≥54							

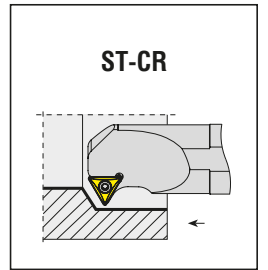
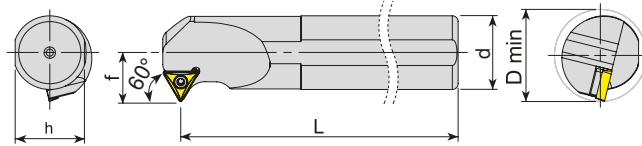
R: Sağ / Right / Rechts L: Sol/Left/Links  
● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage

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





Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile			
	R	L	d	h	L	f	D min		Sıkma Vidası Screw Schraube	Altık Shim Unterlage	Altık Vidası Shim Screw Schraube für Unterlage	Tork Anahtar Torx Key Torx-Schlüssel
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-07-M4.5x13	
S40U SSSCR/L 12	●○		40	37.5	350	27	≥50		-	-	-	



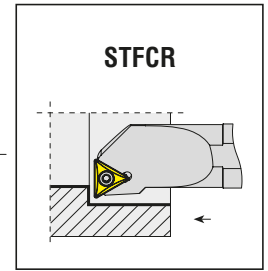
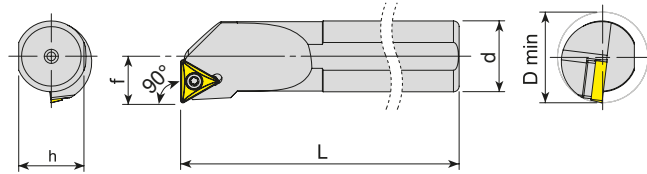
Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile			
	R	L	d	h	L	f	D min		Sıkma Vidası Screw Schraube	Altık Shim Unterlage	Altık Vidası Shim Screw Schraube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

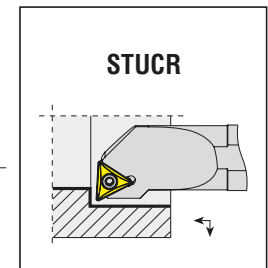
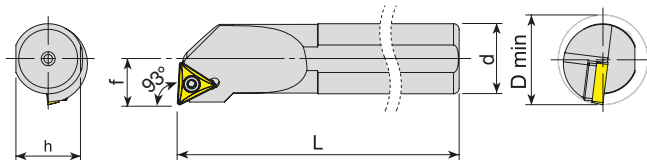
Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück S16P SSSCR 09



**Takım Kodu**  
**Ordering Code**  
**Bestell-Bezeichnung**

Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)							Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile			
	R	L	d	h	L	f	D min		Sıkma Vidası Screw Schraube	Altlık Shim Unterlage	Altlık Vidası Shim Screw Schraube für Unterlage	Tork Anahtar Torx Key Torx-Schlüssel
●●	●●	10	09	80	4.5	≥08	TC.T 06T1..		3006-M2x4			
●●	●●	08	7.3	100	06	≥11						
●●	●●	10	09	125	07	≥13	TC.T 0902..		3007-M2.2x5	-	-	80-T07
●●	●●	12	11	125	09	≥17						
●●	●●	12	11	125	09	≥17	TC.T 1102..		4008-M2.5x6	-	-	80-T08
●●	●●	16	14.8	170	11	≥20						
●●	●●	20	18.3	200	13	≥25	TC.T 16T3..		4015-M3.5x9 4015-M3.5x11	-	-	80-T15
●●	●●	16	14.8	170	11	≥20						
●●	●●	20	18.3	200	13	≥25						
●●	●●	25	23	250	17	≥32						
●●	●●	32	30	300	22	≥40	4015-M3.5x14	AATN-2-0001	AAV-08-M3.5x8 AAV-06-M3.5x11	80-T15		
●○	●○	40	37.5	350	27	≥50						



**Takım Kodu**  
**Ordering Code**  
**Bestell-Bezeichnung**

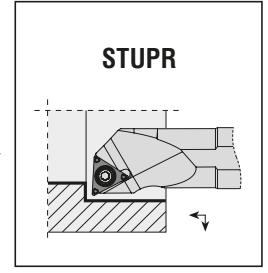
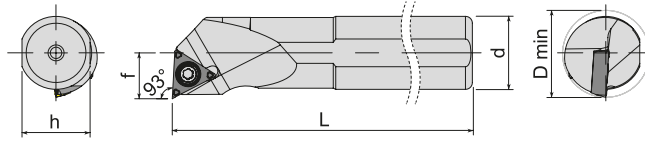
Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)							Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile			
	R	L	d	h	L	f	D min		Sıkma Vidası Screw Schraube	Altlık Shim Unterlage	Altlık Vidası Shim Screw Schraube für Unterlage	Tork Anahtar Torx Key Torx-Schlüssel
●●	●●	10	09	125	07	≥13	TC.T 0902..		3007-M2.2x5	-	-	80-T07
●●	●●	12	11	125	09	≥16						
●●	●●	12	11	125	09	≥17	TC.T 1102..		4008-M2.5x6	-	-	80-T08
●●	●●	16	14.8	170	11	≥20						
●●	●●	20	18.3	200	13	≥25	TC.T 16T3..		4015-M3.5x9 4015-M3.5x11	-	-	80-T15
●●	●●	16	14.8	170	11	≥20						
●●	●●	20	18.3	200	13	≥25						
●●	●●	25	23	250	17	≥32						
●●	●●	32	30	300	22	≥40	4015-M3.5x14	AATN-2-0001	AAV-08-M3.5x8 AAV-06-M3.5x11	80-T15		
●●	●●	40	37.5	350	27	≥50						

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

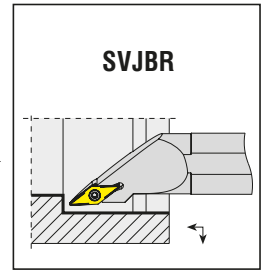
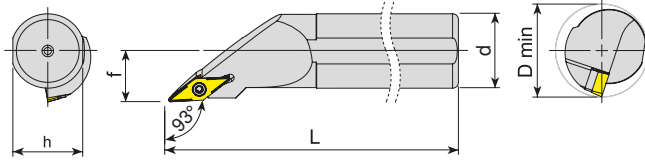
● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage

Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück S0610F STFCR 06



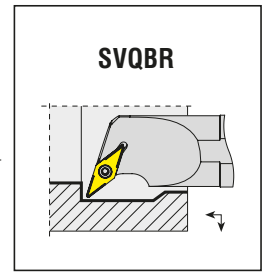
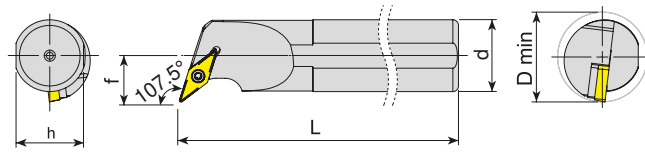
Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile			
	R	L	d	h	L	f	D min		Sıkma Vidası Screw Schraube	Altık Shim Unterlage	Altık Vidası Shim Screw Schraube für Unterlage	Tork Anahtar Torx Key Torx-Schlüssel
S08H STUPR/L 0802	●	○	08	7.3	100	05	≥10	TP.. 0802..	3006-M2x4			80-T06
S10K STUPR/L 1103	●	○	10	09	125	06	≥12					
S12K STUPR/L 1103	●	●	12	11	125	09	≥16	TP.. 1103..	4010-M3x6	-	-	80-T10
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					



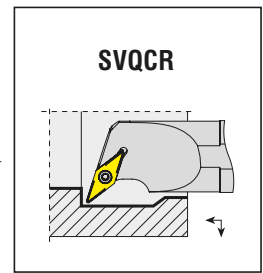
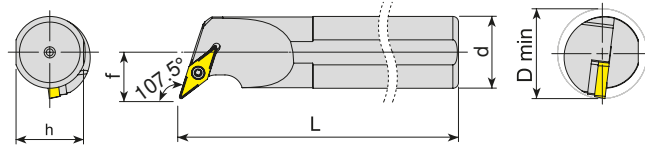
Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile			
	R	L	d	h	L	f	D min		Sıkma Vidası Screw Schraube	Altık Shim Unterlage	Altık Vidası Shim Screw Schraube für Unterlage	Tork Anahtar Torx Key Torx-Schlüssel
S25S SVJBR/L 16	●	●	25	23	250	17	≥32	VBM. 1604..	4015-M3.5x12	AAVN-2-0002	AAV-08-M3.5x8	80-T15
S32T SVJBR/L 16	●	●	32	30	300	22	≥40					
S40U SVJBR/L 16	●	●	40	37.5	350	27	≥50					

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

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



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile			
	R	L	d	h	L	f	D min		Sıkma Vidası Screw Schraube	Altık Shim Unterlage	Altık Vidası Shim Screw Schraube für Unterlage	Tork Anahtar Torx Key Torx-Schlüssel
<b>S16P SVQBR/L 11</b>	●	●	16	14.8	170	11	≥20	<b>VBM. 1103..</b>	4008-M2.5x6	-	-	80-T08
<b>S20R SVQBR/L 11</b>	●	●	20	18.3	200	13	≥25					
<b>S25S SVQBR/L 16</b>	●	●	25	23	250	17	≥32	<b>VBM. 1604..</b>	4015-M3.5x14	AAVN-2-0002	AAV-08-M3.5x8	80-T15
<b>S32T SVQBR/L 16</b>	●	●	32	30	300	22	≥40				AAV-06-M3.5x11	
<b>S40U SVQBR/L 16</b>	●	●	40	37.5	350	27	≥50	<b>VBM. 1103..</b>	4008-M2.5x6	-	-	80-T08
<b>A20Q SVQBR/L 11</b>	●	●	20	18.5	180	13	≥25					
<b>A20Q SVQBR/L 16</b>	●	●	20	18.5	180	20	≥30	<b>VBM. 1604..</b>	4015-M3.5x11	-	-	80-T08
<b>A25S SVQBR/L 16</b>	●	●	25	23	250	17	≥32					
<b>A32S SVQBR/L 16</b>	●	●	32	30	250	22	≥40	4015-M3.5x14	AAVN-2-0002	AAV-06-M3.5x11	80-T15	

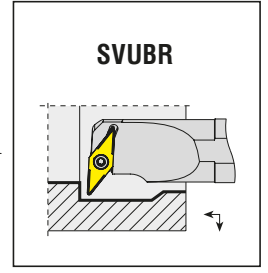
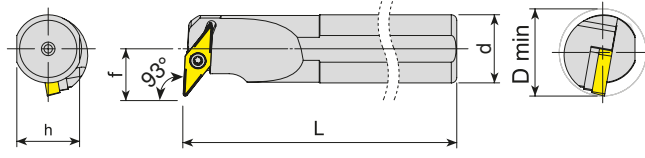


Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile			
	R	L	d	h	L	f	D min		Sıkma Vidası Screw Schraube	Altık Shim Unterlage	Altık Vidası Shim Screw Schraube für Unterlage	Tork Anahtar Torx Key Torx-Schlüssel
<b>S16P SVQCR/L 11</b>	●	●	16	14.8	170	11	≥20	<b>VC.T 1103..</b>	4008-M2.5x6	-	-	80-T08
<b>S20R SVQCR/L 11</b>	●	●	20	18.3	200	13	≥25					
<b>S25S SVQCR/L 16</b>	●	●	25	23	250	17	≥32	<b>VC.T 1604..</b>	4015-M3.5x14	AAVN-2-0002	AAV-08-M3.5x8	80-T15
<b>S32T SVQCR/L 16</b>	●	●	32	30	300	22	≥40				AAV-06-M3.5x11	
<b>S40U SVQCR/L 16</b>	●	●	40	37.5	350	27	≥50					

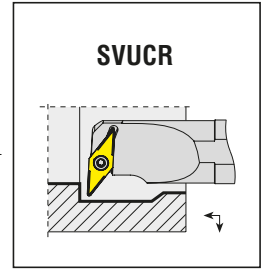
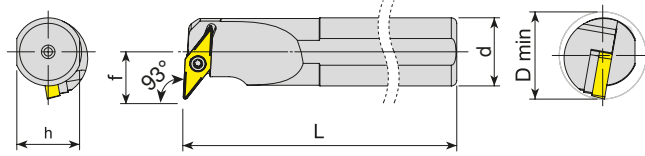
R: Sağ / Right / Rechts L: Sol/Left/Links  
● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage

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





Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile			
	R	L	d	h	L	f	D min		Sıkma Vidası Screw Schraube	Altık Shim Unterlage	Altık Vidası Shim Screw Schraube für Unterlage	Tork Anahtar Torx Key Torx-Schlüssel
	●	○										
S16P SVUBR/L 11	●	●	16	14.8	170	12.5	≥20	VBM. 1103..	4008-M2.5x6	-	-	80-T08
S20R SVUBR/L 11	●	●	20	18.3	200	13	≥25					
S25S SVUBR/L 16	●	●	25	23	250	19	≥32	VBM. 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					
A32S SVUBR/L 16	●	●	32	30	250	22	≥40	4015-M3.5x14	AAVN-2-0002	AAV-06-M3.5x11		



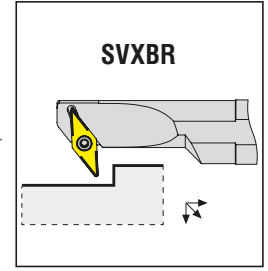
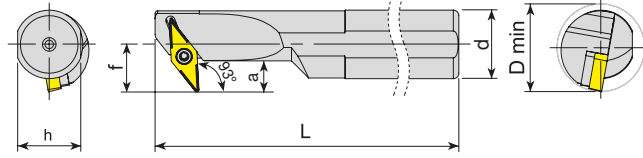
Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile			
	R	L	d	h	L	f	D min		Sıkma Vidası Screw Schraube	Altık Shim Unterlage	Altık Vidası Shim Screw Schraube für Unterlage	Tork Anahtar Torx Key Torx-Schlüssel
	●	○										
S16P SVUCR/L 11	●	●	16	14.8	170	12.5	≥20	VC.T 1103..	4008-M2.5x6	-	-	80-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					
A20Q SVUCR/L 11	●	○	20	18.3	180	13	≥25	VC.T 1103..	4008-M2.5x6	-	-	80-T08
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

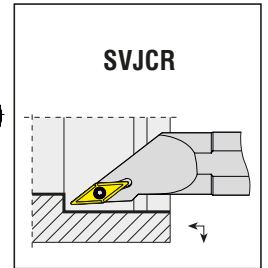
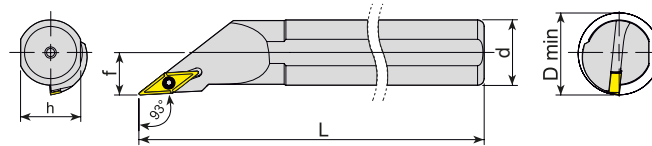
Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück S16P SVUBR 11



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile				
	R	L	d	h	L	f	a		D min	Sıkma Vidası Screw Schraube	Altık Shim Unterlage	Altık Vidası Shim Screw Schraube für Unterlage	Tork Anahtar Torx Key Torx-Schlüssel
<b>S16P SVXBR/L 1102</b>	●	○	16	14.8	170	12.5	7.2	≥20	<b>VBM. 1102..</b>	4008-M2.5x6	-	-	80-T08
<b>S20R SVXBR/L 1102</b>	●	●	20	18.3	200	13	5.7	≥25					
<b>S16P SVXBR/L 11</b>	●	●	16	14.8	170	12.5	7.2	≥20	<b>VBM. 1103..</b>	-	-	80-T08	
<b>S20R SVXBR/L 11</b>	●	●	20	18.3	200	13	5.7	≥25					
<b>S25S SVXBR/L 16</b>	●	●	25	23	250	19	10.2	≥32	<b>VBM. 1604..</b>	4015-M3.5x14	AAVN-2-0002	AAV-06-M3.5x11	80-T15
<b>S32T SVXBR/L 16</b>	●	●	32	30	300	22	11.7	≥40					
<b>S40U SVXBR/L 16</b>	●	●	40	37.5	350	27	14.3	≥50					

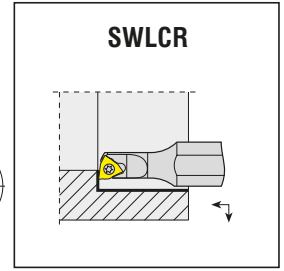
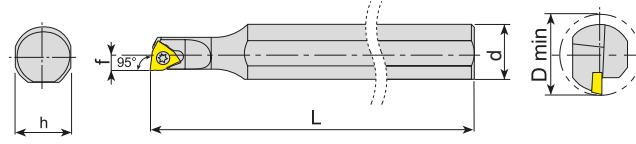
Not: "a" ölçüleri R0.4'e göre verilmiştir.  
Note: Dimensions of "a" are given according to R.04.  
Hinweis: Das Maß "a" bezieht sich auf R 0,4



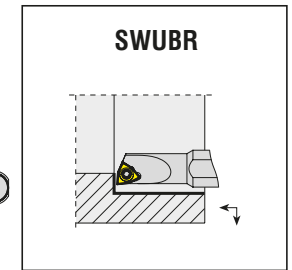
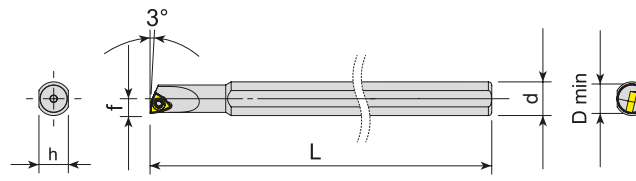
Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile			
	R	L	d	h	L	f	D min		Sıkma Vidası Screw Schraube	Altık Shim Unterlage	Altık Vidası Shim Screw Schraube für Unterlage	Tork Anahtar Torx Key Torx-Schlüssel
<b>S12K SVJCR/L 11</b>	●	●	12	11	125	7	13	<b>VC.T 1103..</b>	4008-M2.5x6	-	-	80-T08
<b>S16P SVJCR/L 11</b>	●	●	16	14.8	170	11	20					
<b>S20R SVJCR/L 11</b>	●	●	20	18.3	200	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



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile			
		d	h	L	f	D min		Sıkma Vidası Screw Schraube	Altık Shim Unterlage	Altık Vidası Shim Screw Schraube für Unterlage	Tork Anahtar Torx Key Torx-Schlüssel
S0608H SWLCR 03	●	08	7.3	100	04	≥08	WC.. 0302..	4008-M2.5x4	-	-	80-T08
S0810K SWLCR 03	●	10	09	125	06	≥10					



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile			
		d	h	L	f	D min		Sıkma Vidası Screw Schraube	Altık Shim Unterlage	Altık Vidası Shim Screw Schraube für Unterlage	Tork Anahtar Torx Key Torx-Schlüssel
S08H SWUBR 06-5.5	●	08	7.3	100	2.75	≥5.5	WBGT 060102-L	3006-M2x3.6	-	-	80-T06
S08H SWUBR 06-7	●	08	7.3	100	3.5	≥7					

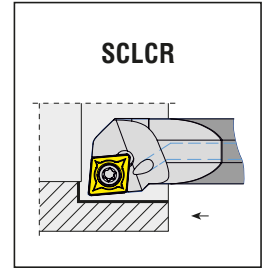
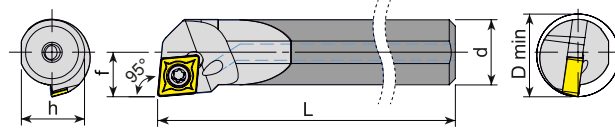
R: Sağ / Right / Rechts L: Sol/Left/Links

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

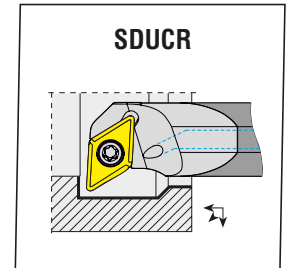
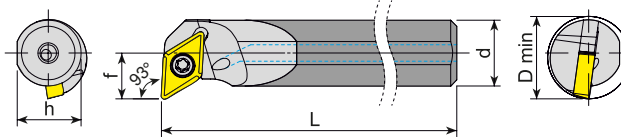
KYCR-ISCR Ucuna Uygundur. / Compatible with KYCR-ISCR Insert. / Kompatibel mit KYCR-ISCR Wendeplatten.

Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück S0608H SWLCR 03



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)				Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile				
	R	L	d	h	L	f		D min	Sıkma Vidası Screw Schraube	Altılık Shim Unterlage	Altılık Vidası Shim Screw Schraube für Unterlage	Tork Anahtar Torx Key Torx-Schlüssel
E08K SCLCR/L 06	●	●	8	7.5	125	6	≥11	CC.T 0602..	4008-M2.5x6	-	-	80-T08
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					



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)				Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile				
	R	L	d	h	L	f		D min	Sıkma Vidası Screw Schraube	Altılık Shim Unterlage	Altılık Vidası Shim Screw Schraube für Unterlage	Tork Anahtar Torx Key Torx-Schlüssel
E10M SDUCR/L 07	●	●	10	9.5	150	8	≥13	DC.T 0702..	4008-M2.5x6	-	-	80-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					

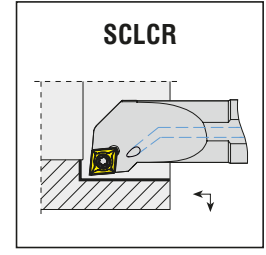
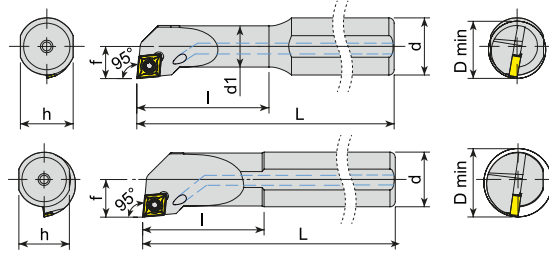
R: Sağ / Right / Rechts L: Sol/Left/Links

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

Sipariş Örneği/Ordering Example/Bestellbeispiel  
1 ad./pcs./stück E08K SCLCR 06



SET-A/SCLCR/L



SCLCR

Takım Kodu  
Ordering Code  
Bestell-Bezeichnung

Stok  
Stock  
Lager

Takım Ölçüleri (mm)  
Dimension (mm)  
Abmessung (mm)

Kesici Uç  
Insert  
Wendeschneidplatte

Yedek Parçaları / Spare Parts / Ersatzteile

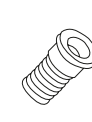
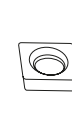
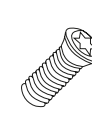
Sıkma Vidası  
Screw  
Schraube

Altık  
Shim  
Unterlage

Altık Vidası  
Shim Screw  
Schraube für Unterlage

Tork Anahtar  
Torx Key  
Torx-Schlüssel

R	L	d	d1	h	l	L	f	D min
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A08H SCLCR/L 06	●●	8	8	7.3	20	100	6	≥11
A10H SCLCR/L 06	●●	10	10	9	25	100	7	≥13
A12H SCLCR/L 06	●●	12	12	11	25	100	9	≥16
A16M SCLCR/L 09	●●	16	16	14.8	35	150	11	≥20

CC.T 0602..

4008-M2.5x6

-

-

80-T08

CC.T 09T3..

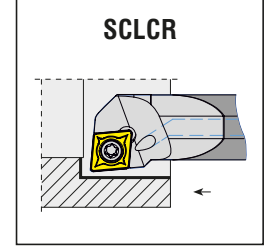
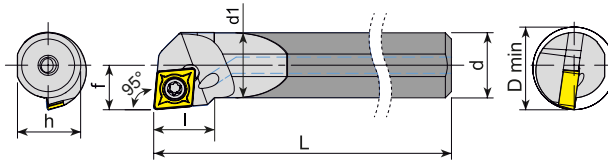
4015-M3.5x9

-

-

80-T15

SET-E/SCLCR/L



SCLCR

Takım Kodu  
Ordering Code  
Bestell-Bezeichnung

Stok  
Stock  
Lager

Takım Ölçüleri (mm)  
Dimension (mm)  
Abmessung (mm)

Kesici Uç  
Insert  
Wendeschneidplatte

Yedek Parçaları / Spare Parts / Ersatzteile

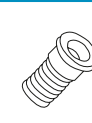
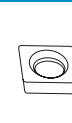
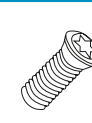
Sıkma Vidası  
Screw  
Schraube

Altık  
Shim  
Unterlage

Altık Vidası  
Shim Screw  
Schraube für Unterlage

Tork Anahtar  
Torx Key  
Torx-Schlüssel

R	L	d	d1	h	l	L	f	D min
---	---	---	----	---	---	---	---	-------



E08K SCLCR/L 06	●○	8	8	7.5	10	125	6	≥11
E10M SCLCR/L 06	●○	10	10	9.5	10	150	7	≥13
E12Q SCLCR/L 06	●○	12	12	11	12	180	9	≥16
E16R SCLCR/L 09	●○	16	16	15	15	200	11	≥20

CC.T 0602..

4008-M2.5x6

-

-

80-T08

CC.T 09T3..

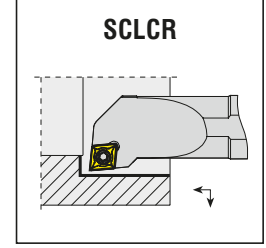
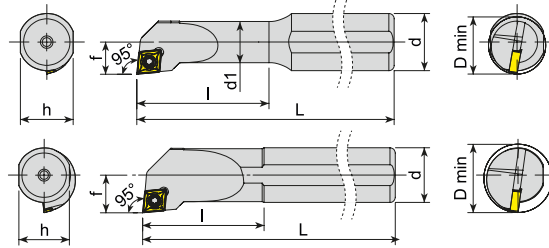
4015-M3.5x9

-

-

80-T15

SET-S/SCLCR/L



SCLCR

Takım Kodu  
Ordering Code  
Bestell-Bezeichnung

Stok  
Stock  
Lager

Takım Ölçüleri (mm)  
Dimension (mm)  
Abmessung (mm)

Kesici Uç  
Insert  
Wendeschneidplatte

Yedek Parçaları / Spare Parts / Ersatzteile

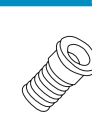
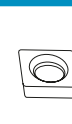
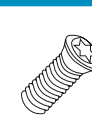
Sıkma Vidası  
Screw  
Schraube

Altık  
Shim  
Unterlage

Altık Vidası  
Shim Screw  
Schraube für Unterlage

Tork Anahtar  
Torx Key  
Torx-Schlüssel

R	L	d	d1	h	l	L	f	D min
---	---	---	----	---	---	---	---	-------



S08H SCLCR/L 06	●●	8	8	7.3	20	100	6	≥11
S10K SCLCR/L 06	●●	10	10	9	25	125	7	≥13
S12K SCLCR/L 06	●●	12	12	11	25	125	9	≥16
S16P SCLCR/L 09	●●	16	16	14.8	35	170	11	≥20

CC.T 0602..

4008-M2.5x6

-

-

80-T08

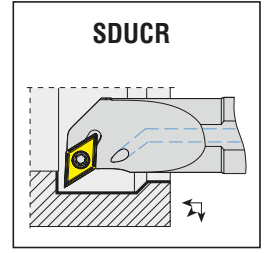
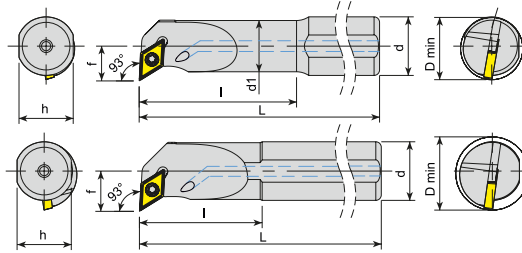
CC.T 09T3..

4015-M3.5x9

-

-

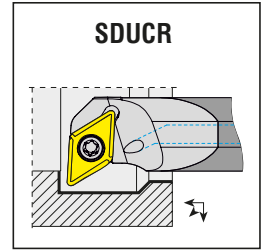
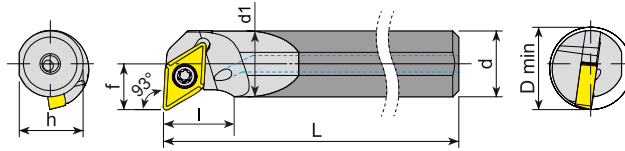
80-T15



**Takım Kodu**  
**Ordering Code**  
**Bestell-Bezeichnung**

Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)								Kesici Uç Insert Wendeschneidplatte	Sıkma Vidası Screw Schraube	Altık Shim Unterlage	Altık Vidası Shim Screw Schraube für Unterlage	Tork Anahtar Torx Key Torx-Schlüssel
	R	L	d	d1	h	l	L	f					
●●		10	10	09	25	100	08	≥13	DC.T 0702..	4008-M2.5x6	-	-	80-T08
●●		12	12	11	25	100	09	≥16					
●●		16	16	14.8	35	150	11	≥20					

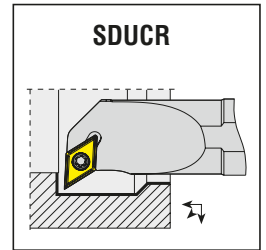
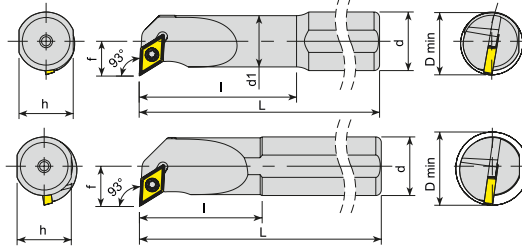
Yedek Parçaları / Spare Parts / Ersatzteile



**Takım Kodu**  
**Ordering Code**  
**Bestell-Bezeichnung**

Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)								Kesici Uç Insert Wendeschneidplatte	Sıkma Vidası Screw Schraube	Altık Shim Unterlage	Altık Vidası Shim Screw Schraube für Unterlage	Tork Anahtar Torx Key Torx-Schlüssel
	R	L	d	d1	h	l	L	f					
●○		10	10	9.5	09	150	8	≥13	DC.T 0702..	4008-M2.5x6	-	-	80-T08
●○		12	12	11	10	180	9	≥16					
●○		16	16	15	12	200	11	≥20					

Yedek Parçaları / Spare Parts / Ersatzteile



**Takım Kodu**  
**Ordering Code**  
**Bestell-Bezeichnung**

Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)								Kesici Uç Insert Wendeschneidplatte	Sıkma Vidası Screw Schraube	Altık Shim Unterlage	Altık Vidası Shim Screw Schraube für Unterlage	Tork Anahtar Torx Key Torx-Schlüssel
	R	L	d	d1	h	l	L	f					
●●		10	10	9	25	125	8	≥13	DC.T 0702..	4008-M2.5x6	-	-	80-T08
●●		12	12	11	25	125	9	≥16					
●●		16	16	14.8	35	170	11	≥20					

Yedek Parçaları / Spare Parts / Ersatzteile



*konusulan  
the spoken kalite...  
quality...*

# KARTUŞLAR

KARTUŞLAR  
CARTRIDGE  
KURZDREHHALTER



**S**

1

**T**

2

**F**

3

**C**

4

**R**

5

**12**

6

**C**

7

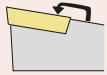
**A**

8

**16**

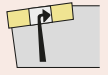
9

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



Deliksiz Üstten Sıkma  
Top Clamping Without Hole  
Pratzenklemmung

**C**



Delikten Levye ile Sıkma  
Hole Clamping (Lever Lock)  
Kniehebel-Spannsystem

**P**



Vida ile Sıkma  
Screw on  
Schrauben-Spannsystem

**S**

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



**C**

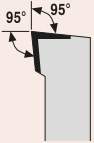


**S**

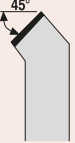


**T**

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



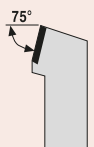
**L**



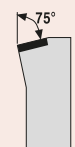
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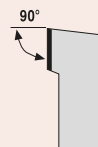
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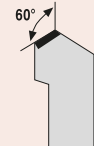
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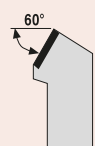
**K**



**G**



**W**



**T**

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



**C**

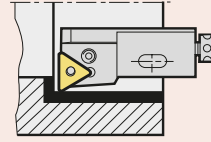


**P**

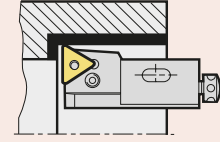


**N**

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

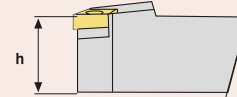


**R**



**L**

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



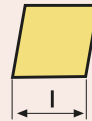
**7** Kartuş Kodu / Cartridge Code / Kurzdrehhalter Bezeichnung

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

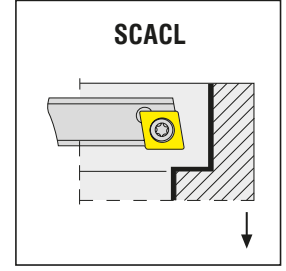
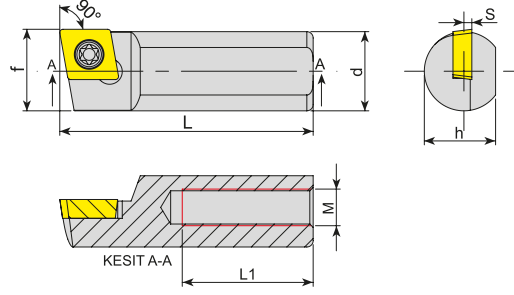
**8** Kartuş Tipi / Cartridge Type / Art der Kurzdrehhalter

**A**  
(ISO 5611)

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







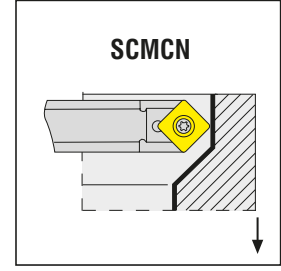
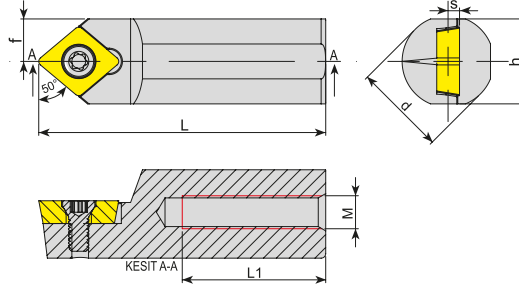
Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)							Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
	R	L	d	h	L	L1	S	f	M		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	
S10X SCACR/L 06	●	●	10	9	25	10	1	10.3	M5x0.8	CC.. 0602..	4008-M2.5x6	80-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	5	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.. 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	CC.. 1204..	1020-M5x11	80-T20	
S20E SCACR/L 12	●	●	20	18.3	70	30	2	20.5	M6x1				
S20H SCACR/L 12	●	●	20	18.3	100	30	2	20.5	M6x1				

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

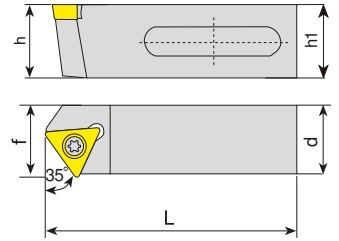
● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage

Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück S10X SCACR 06



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)						Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
		d	h	L	L1	S	f		M	Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel
S10X SCMCN 06	●	10	9	25	10	1	5	M5x0.8		4008-M2.5x6	80-T08
S16C SCMCN 09	●	16	15	50	25	2	8	M6x1		4015-M3.5x11	80-T15
S16D SCMCN 09	●	16	15	60	25	4	8	M6x1		4015-M3.5x11	80-T15



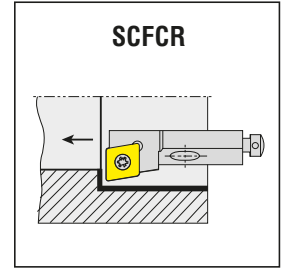
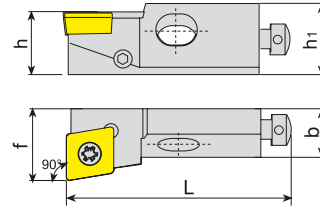
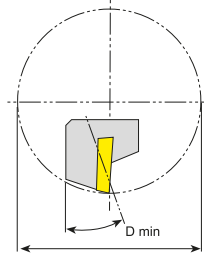
Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile	
	R	L	d	h	h1	L	f		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel
STXCR/L 2020 B16	○	●	20	20	20	45	20			
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			
								TC.. 16T3..	4015-M3.5x11	80-T15

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

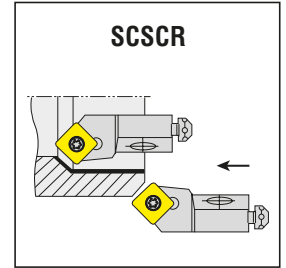
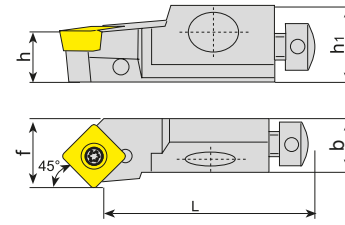
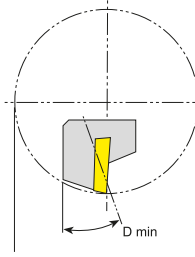
● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage

Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück S10X SCMCN 06



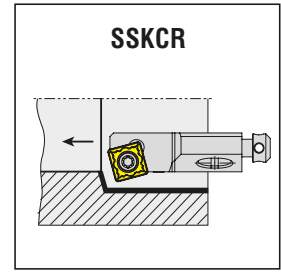
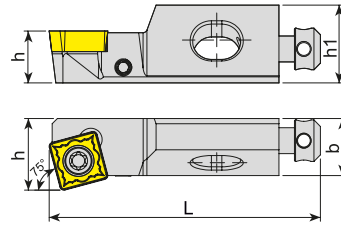
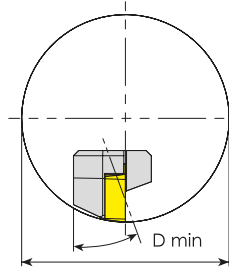
Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile				
	R	L	h	h1	b	L	f		D min	Altık Shim Unterlage	Altık Vidası Shim Screw Schraube für Unterlage	Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel
SCFCR/L 06CA 06	●	●	6	8.5	6	25	8	≥20	CC.T 060204	-	-	4008-M2.5x6	80-T08
SCFCR/L 08CA 06	●	●	8	11	8	32	10	≥25		-	-	4015-M3.5x11	80-T15
SCFCR/L 10CA 09	●	●	10	15	11	50	14	≥40		-	-	4015-M4.5x11	80-T20
SCFCR/L 12CA 12	●	○	12	20	15	55	20	≥50		-	-	4020-M4.5x12	80-T20
SCFCR/L 16CA 12	●	●	16	21	20	63	25	≥60		AACN-2-0003	AAV-10-M4.5x8	4020-M4.5x12	80-T20



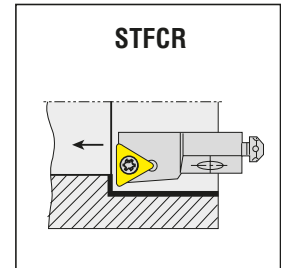
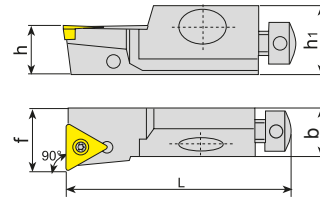
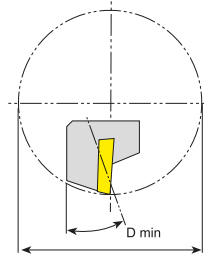
Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile				
	R	L	h	h1	b	L	f		D min	Altık Shim Unterlage	Altık Vidası Shim Screw Schraube für Unterlage	Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel
SCSCR/L 06CA 06	●	○	6	8	6	21	8	≥20	CC.T 060204	-	-	4008-M2.5x6	80-T08
SCSCR/L 10CA 09	●	○	10	15	11	44	14	≥40		-	-	4015-M3.5x14	80-T15
SCSCR/L 12CA 12	○	○	12	20	15	47	20	≥50		-	-	4015-M4.5x11	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 SCFCR 06CA 06



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)						Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile			
	R	L	h	h1	b	L	f	D min		Altlık Shim Unterlage	Altlık Vidası Shim Screw Schraube für Unterlage	Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel
<b>SSKCR/L 10CA 09</b>	●	○	10	15	11	40	14	≥40		-	-	4015-M3.5x11	80-T15
<b>SSKCR/L 12CA 12</b>	●	○	12	20	15	43	20	≥50		-	-	4015-M4.5x11	80-T15

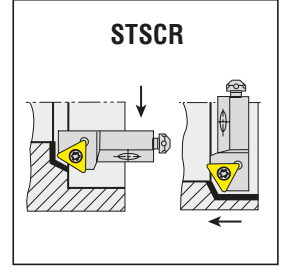
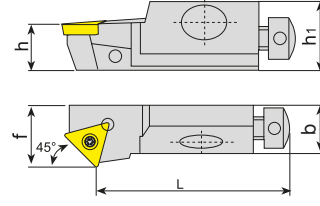
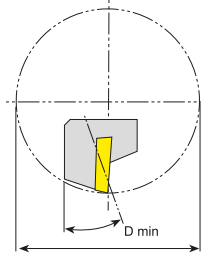


Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)						Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile			
	R	L	h	h1	b	L	f	D min		Altlık Shim Unterlage	Altlık Vidası Shim Screw Schraube für Unterlage	Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel
<b>STFCR/L 08CA 09</b>	●	●	8	11	8	32	10	≥25		-	-	3007-M2.2x5	80-T07
<b>STFCR/L 10CA 11</b>	●	●	10	15	11	50	14	≥40		-	-	4008-M2.5x6	80-T08
<b>STFCR/L 12CA 16</b>	●	○	12	20	15	47	20	≥50		-	-	4015-M3.5x11	80-T15
<b>STFCR/L 16CA 16</b>	●	●	16	21	20	63	25	≥60		AATN-2-0001	AAV-06-M3.5x11	4015-M3.5x14	

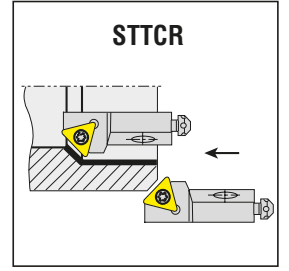
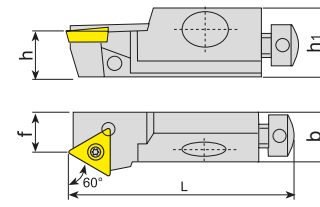
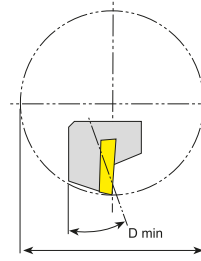
R: Sağ / Right / Rechts L: Sol/Left/Links  
● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage

Sipariş Örneği/Ordering Example/Bestellbeispiel  
1 ad./pcs./stück SSKCR 10CA 09





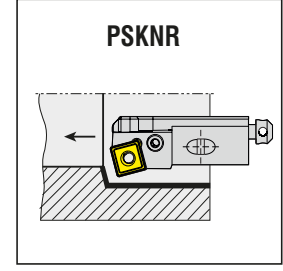
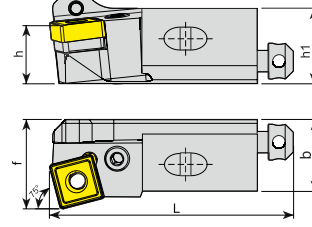
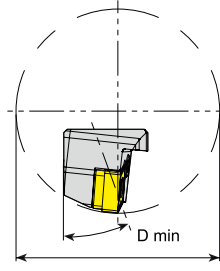
Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)						Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile			
	R	L	h	h1	b	L	f	D min		Altık Shim Unterlage	Altık Vidası Shim Screw Schraube für Unterlage	Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel
	●	○											
STSCR/L 08CA 09	●	○	8	11	8	28	10	≥25	TC.T 090204	-	-	3007-M2.2x5	80-T07
STSCR/L 10CA 11	●	●	10	15	11	44	14	≥40	TC.T 110204	-	-	4008-M2.5x6	80-T08
STSCR/L 12CA 16	●	○	12	20	15	47	20	≥50	TC.T 16T308	-	-	4015-M3.5x11	80-T15



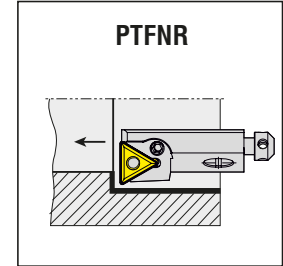
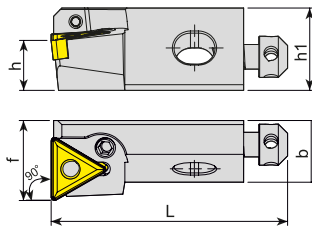
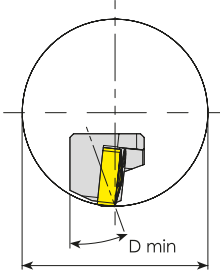
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	R	L	h	h1	b	L	f	D min		Altık Shim Unterlage	Altık Vidası Shim Screw Schraube für Unterlage	Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel
	●	○											
STTCR/L 08CA 09	●	●	8	11	8	32	6	≥25	TC.T 090204	-	-	3007-M2.2x5	80-T07
STTCR/L 10CA 11	●	●	10	15	11	50	9	≥40	TC.T 110204	-	-	4008-M2.5x6	80-T08

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

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



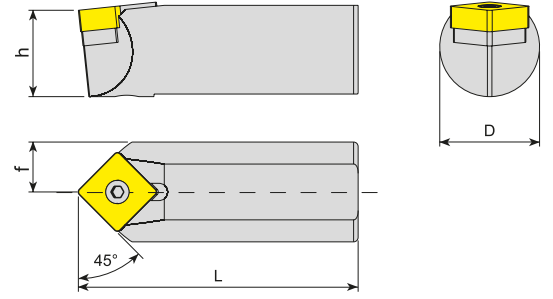
Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)						Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile				
	R	L	h	h1	b	L	f	D min		Levyeye Lever Kniehebel	Levyeye Vidası Lever Screw Kniehebelschraube	Altılık Shim Unterlage	Altılık Yayı Shim Spring Feder für Unterlage	Anahtar Allen Key Innensechskantschlüssel
PSKNR/L 16CA 12	●	●	16	21	20	55	25	≥60						



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)						Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile				
	R	L	h	h1	b	L	f	D min		Levyeye Lever Kniehebel	Levyeye Vidası Lever Screw Kniehebelschraube	Altılık Shim Unterlage	Altılık Yayı Shim Spring Feder für Unterlage	Anahtar Allen Key Innensechskantschlüssel
PTFNR/L 12CA 16	●	●	12	20	15	47	20	≥50				-		
PTFNR/L 16CA 16	●	○	16	21	20	55	25	≥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 PSKNR 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				
		d	h	L	f		AAltık Shim Unterlage	Sıkma Vidası Screw Schraube	Baskı Parçası Wedge Clamp Spannpratze	Baskı Vidası Clamp Screw Klemmschraube	Tork Anahtar Torx Key Torx-Schlüssel
<b>S22D PSDNN 12C</b>	●	22	19.5	60	11						

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

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

Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück 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 Anahtar Radial Adj. Screw Allen Key Immersechschlüssel für Radial-Einstellschraube	Montaj Vida Mounting Screw Befestigungsschraube	Montaj Vida Anahtar Mounting Screw Allen Key Immersechschlüssel für Befestigungsschraube	
<b>SCFCR/L</b>	06CA 06	2600-M4x9.5	2715-M3x5	AAL-09-1.5	AKV-23-M4x10	AAL-03-3
<b>SCSCR/L</b>	08CA 06	2600-M4x9.5	2715-M3x5	AAL-09-1.5	AKV-23-M4x10	AAL-03-3
	10CA 09	2600-M5x13	2702-M4x10	AAL-01-2	AKV-02-M6x22	AAL-03-3
	12CA 12	2600-M5x13	2702-M4x10	AAL-01-2	AKV-02-M6x22	AAL-03-3
	16CA 12	2600-M6x18	2725-M5x12	AAL-02-2.5	2005-M8x25	AAL-07-5
<b>STSCR/L</b>	08CA 09	2600-M4x9.5	2715-M3x5	AAL-09-1.5	AKV-23-M4x10	AAL-03-3
<b>STTCR/L</b>	10CA 11	2600-M5x13	2702-M4x10	AAL-01-2	AKV-02-M6x22	AAL-03-3
<b>STFCR/L</b>	12CA 16	2600-M5x13	2702-M4x10	AAL-01-2	AKV-02-M6x22	AAL-03-3
	16CA 16	2600-M6x18	2725-M5x12	AAL-02-2.5	2005-M8x25	AAL-07-5
<b>PTFNR/L</b>	12CA 16	2600-M5x13	2702-M4x4	AAL-01-2	AKV-02-M6x22	AAL-03-3
<b>PSKNR/L</b>	16CA 16	2600-M6x18	2725-M5x6	AAL-02-2.5	2005-M8x25	AAL-07-5
	16CA 12	2600-M6x18	2725-M5x6	AAL-02-2.5	2005-M8x25	AAL-07-5



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

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





*konusulan  
the spoken kalite...  
quality...*

# DİŞ AÇMA

DİŞ AÇMA TAKIMLARI  
THREADING TOOLHOLDERS  
GEWINDE DREHHALTER





**S** **E** **R** **25 25** **M** **16** **C**

**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 / 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 metal 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 Siz  
 Äußere Schaftgröße

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

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

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

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	

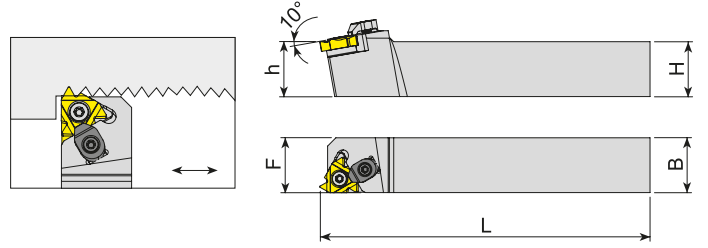
**7** Elmas Ölçüsü / Insert Size  
 Wendeplattengröße

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

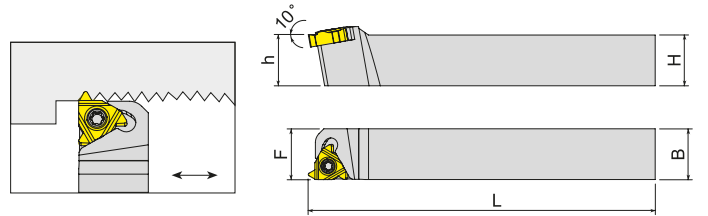
**S** **I** **R** **S** **25** **R** **16** **C**

DIŞ ÇAP DIŞ AÇMA KATERLERİ  
EXTERNAL THREADING TOOLHOLDERS  
AUSSEN-GEWINDEDREHHALTER



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)				Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile					
	R	L	h=H	B	L	F		Sıkma Vidası Screw Schraube	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
SER/L 0808 E11	●	●	08	08	70	11	11 ER/EL	4008-M2.5x6	-	-	-	-	80-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	16 ER/EL (0.35 - 3) ISO METRIC	4015-M3.5x14	AATN-2-0020	AAV-06-M3.5x11	-	-	80-T15
SER/L 1616 H16C	●	●	16	16	100	16							
SER/L 2020 K16C	●	●	20	20	125	20							
SER/L 2525 M16C	●	●	25	25	150	25	22 ER/EL (3.5 - 4.5) ISO METRIC	1020-M4.5x16	AATN-2-0004	AAV-07-M4.5x13	ACK-05	4015 M4x11	80-T20
SER/L 3232 P16C	●	●	32	32	170	32							
SER/L 2525 M22C	●	●	25	25	150	25							
SER/L 3232 P22C	●	●	32	32	170	32	16 ER/L (1.5-3 TR)	4015-M3.5x14	-	-	-	-	80-T15
SER/L 4040 S22C	●	●	40	40	250	40							
SER/L 2525 M16C-T	●	●	25	25	150	25							
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 DIŞ AÇMA İSVİÇRE TİPİ KAYAR OTOMAT MAKİNA KATERLERİ  
EXTERNAL THREADING TOOLHOLDERS FOR SWISS TYPE SLIDING AUTOMATIC LATHES  
AUSSEN-GEWINDEDREHHALTER FÜR LANGDREHAUTOMATEN

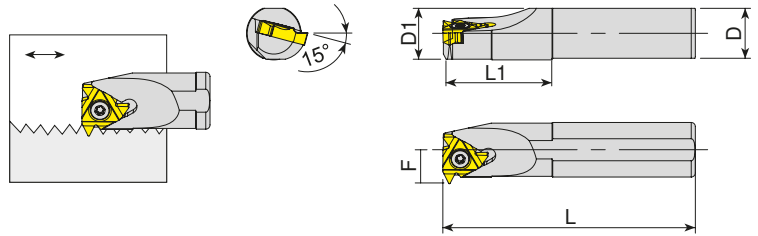


Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)				Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile					
	R	L	h=H	B	L	F		Sıkma Vidası Screw Schraube	Altlık Shim Unterlage	Altlık Vidası Shim Screw Schraube für Unterlage	Baskı Parçası Wedge Clamp Spannpratze	Baskı Vidası Clamp Screw Klemmschraube	Tork Anahtar Torx Key Torx-Schlüssel
SER/L 1010 K11-S	●	●	10	10	125	10	11 ER/EL	4008-M2.5x6	-	-	-	-	80-T08
SER/L 1212 K11-S	●	●	12	12	125	12							

R: Sağ / Right / Rechts L: Sol/Left/Links ● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage  
Takımlar standart 1.5° helis açılı olarak üretilir. / The tools have a built in 1.5° helix angle. / GEWINDE-DREHHALTER werden mit Einstellwinkel 1.5° hergestellt  
UYARI / WARNING / ACHTUNG: Sayfa 126'deki B ve D figürleri uygulanamaz. / The operation for B and D on page 126 can not be applied. / S.126: für Abbildung B und D: nicht verwenden

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



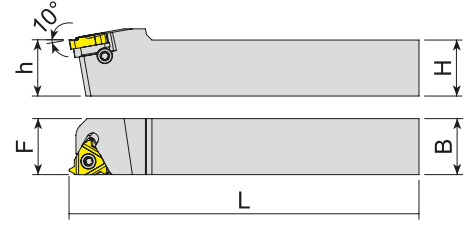
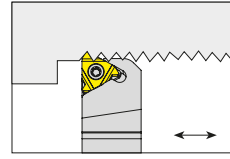
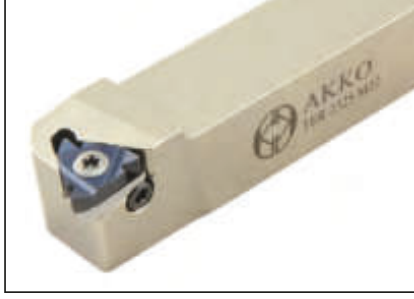


**Takım Kodu**  
**Ordering Code**  
**Bestell-Bezeichnung**

Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)							Kesici Uç Insert Wendeschneidplatte	Sıkma Vidası Screw Schraube	Yedek Parçaları / Spare Parts / Ersatzteile				
	R	L	D	D1	L	L1	F			D min	Altlık Shim Unterlage	Altlık Vidası Shim Screw Schraube für Unterlage	Baskı Parçası Wedge Clamp Spannpratze	Baskı Vidası Clamp Screw Klemmschraube
● ○		12	05	100	15	4.3	6.4			-	-	-	-	80-T06
● ●		16	07	150	18	5.3	7.8			-	-	-	-	80-T07
● ●		10	10	100	-	7.4	12			-	-	-	-	80-T08
● ●		12	12	125	-	8.4	16							
● ●		16	10	150	25	7.4	12							
● ●		16	13	150	32	8.9	15							
● ●		16	16	150	-	11.7	19							
● ●		16	13	150	32	10.2	16							
● ●		16	16	150	-	11.7	19			-	-	-	-	80-T15
● ●		16	13	150	32	10.2	16							
● ●		16	16	150	-	11.7	19							
● ●		20	16	170	40	11.7	19							
● ●		20	20	170	-	13.7	24							
● ●		25	25	200	-	16.2	29							
● ●		32	32	250	-	19.7	36			-	-	-	-	80-T15
● ●		32	32	250	-	19.7	36							
● ●		40	40	300	-	23.7	44							
● ●		50	50	350	-	28.7	54							
● ●		20	20	170	-	15.7	24							
● ●		25	25	200	-	18.1	29							
● ●		32	32	250	-	21.6	38			-	-	-	-	80-T20
● ●		32	32	250	-	21.6	38							
● ●		40	40	300	-	25.6	46							
● ●		50	50	350	-	30.6	58							
● ●		20	20	170	-	15.7	24							
● ●		25	25	200	-	18.1	29							
● ●		25	25	200	-	16.2	29			-	-	-	-	80-T15
● ●		32	32	250	-	19.7	36							
● ●		25	25	200	-	18.1	29			-	-	-	-	80-T20
● ●		32	32	250	-	21.6	38							

R: Sağ / Right / Rechts L: Sol/Left/Links ● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage  
Takımlar standart 1.5° helis açılı olarak üretilir. / The tools have a built in 1.5° helix angle. / GEWINDE-DREHHALTER werden mit Einstellwinkel 1.5° hergestellt  
UYARI / WARNING / ACHTUNG: Sayfa 127'deki B ve D figürleri uygulanamaz. / The operation for B and D on page 127 can not be applied. / S.127: für Abbildung B und D: nicht verwenden

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



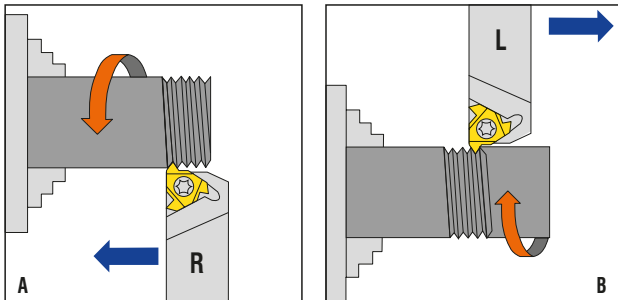
Yedek Parçaları / Spare Parts / Ersatzteile

Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)				Kesici Uç Insert Wendeschneidplatte	Sıkma Vidası Screw Schraube	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	Baskı Parçası Wedge Clamp Spannpratze	Baskı Vidası Clamp Screw Klemmschraube	Tork Anahtar Torx Key Torx-Schlüssel
	R	L	h=H	B	L	F								
TER/L 1616 H16	●	●	16	16	100	16	16 ER/EL	1710-U5-40x12.2	ATS-16E	ATS-16I	AAV-11-U5-40x4.5	-	-	80-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	-	-	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	-	-	80-T20
TER/L 3232 P27	●	●	32	32	170	32								
TER/L 4040 S27	●	●	40	40	250	40								

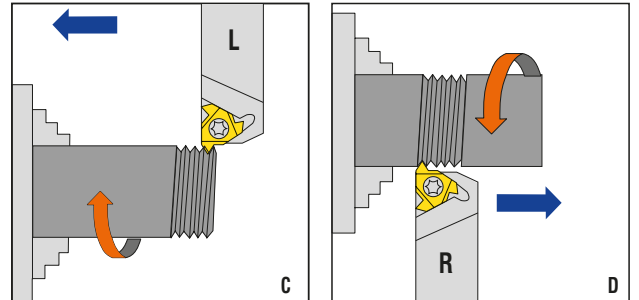
R: Sağ / Right / Rechts L: Sol/Left/Links ● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage  
Takımlar standart 1.5° helis açılı olarak üretilir. / The tools have a built in 1.5° helix angle. / GEWINDE-DREHHALTER werden mit Einstellwinkel 1.5° hergestellt

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-RECHTSGEWİNDE



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

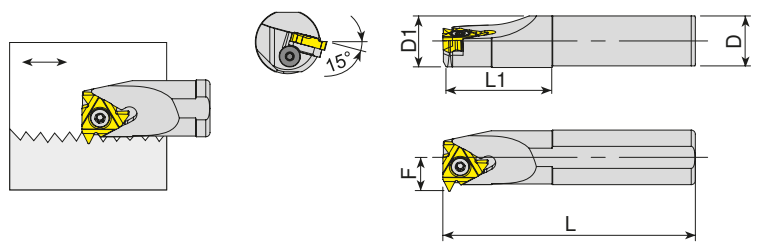


UYARI / WARNING / ACHTUNG

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.

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



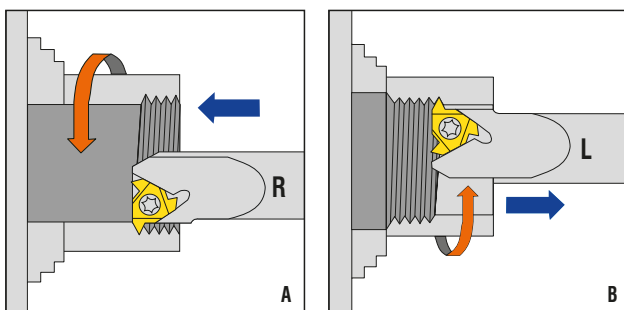


Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile							
	R	L	D	D1	L	L1	F		D min	Sıkma Vidası Screw Schraube	Sol Altlık Left Shim U-Platte für WSP links	Sağ Altlık Right Shim U-Platte für WSP rechts	Altlık Vidası Shim Screw Schraube für Unterlage	Baskı Parçası Wedge Clamp Spannpratze	Baskı Vidası Clamp Screw Klemmschraube	Tork Anahtar Torx Key Torx-Schlüssel
TIR/L S25R 16	●	●	25	25	200	-	16.2	29	16 IR/L	1710-U5-40x12.2	ATS-16E	ATS-16I	AAV-11-U5-40x4.5	-	-	80-T10
TIR/L S32S 16	●	●	32	32	250	-	19.7	36								
TIR/L S40T 16	●	●	40	40	300	-	23.7	44								
TIR/L S50U 16	●	●	50	50	350	-	28.7	54								
TIR/L S25R 22	●	●	25	25	200	-	18.1	29	22 IR/L	1720-U8-32x15	ATS-22E	ATS-22I	AAV-12-U8-32x5.5	-	-	80-T20
TIR/L S32S 22	●	●	32	32	250	-	21.6	38								
TIR/L S40T 22	●	●	40	40	300	-	25.6	46								
TIR/L S50U 22	●	●	50	50	350	-	30.6	58								
TIR/L S32S 27	●	●	32	32	250	-	22.6	40	27 IR/L	1620-M5x18	ATS-27E	ATS-27I	AAV-15-M5x5.7	-	-	80-T20
TIR/L S40T 27	●	●	40	40	300	-	26.6	48		1620-M5x22						
TIR/L S50U 27	●	●	50	50	350	-	31.6	58								

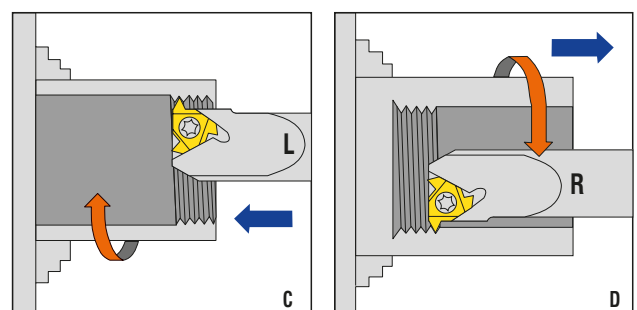
R: Sağ / Right / Rechts L: Sol/Left/Links ●Stokta / In Stock / Auf Lager ○Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage  
Takımlar standart 1.5° helis açılı olarak üretilir. / The tools have a built in 1.5° helix angle. / GEWINDE-DREHHALTER werden mit Einstellwinkel 1.5° hergestellt

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-RECHTSGEWİNDE



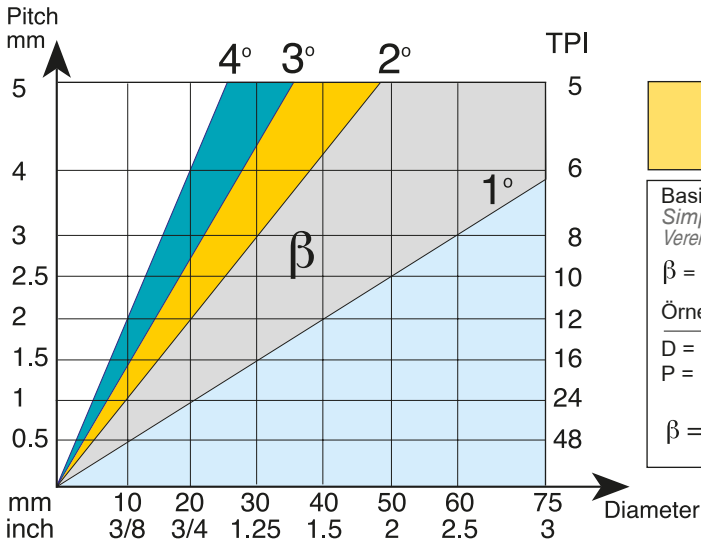
**DELİK İÇİ SOL YÖNDE VİDA AÇMA**  
INTERNAL LEFT HAND THREADING OPERATION  
HERSTELLUNG VON INNEN-LINKSGEWİNDE



**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.  
Altiksız 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



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

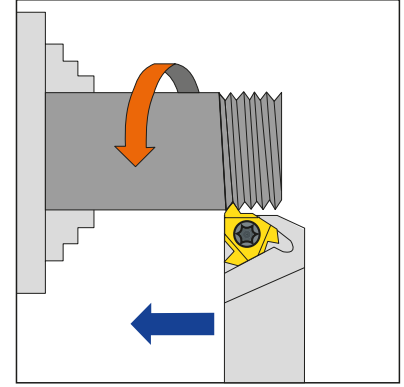
Basitleştirilmiş formül  
 Simplified formula  
 Vereinfachte Formel

$$\beta = 20 P/D$$

Örnek / Example / Beispiel :

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

$$\beta = \frac{25 \times 1.5}{40} = 1.25^\circ$$

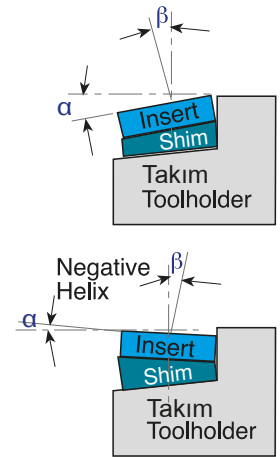


## Standart ve Eğik Altlıklar Standard and Slanted Shim Standard und Schräge Unterlegplatte

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.



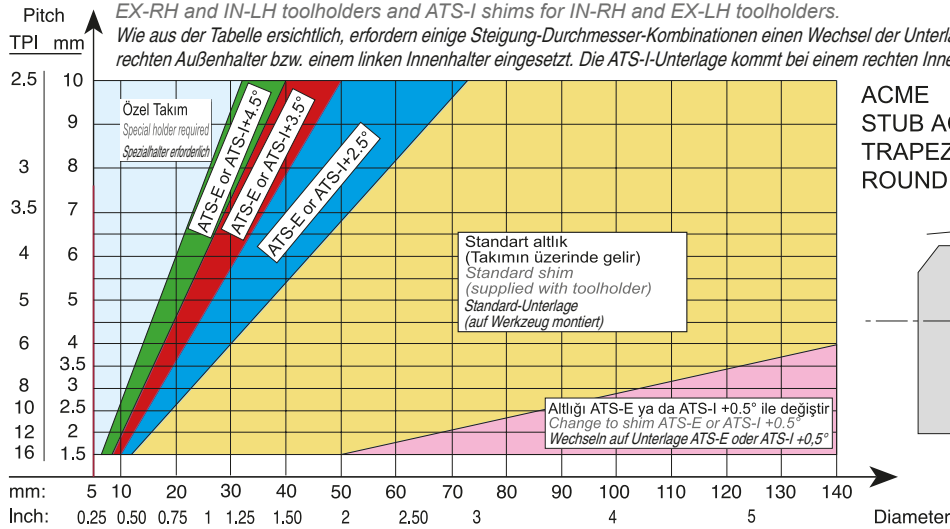
L	IC	Takım Tipi Tool Type Werkzeugtyp	Uç Yuvasının Açısı (α) / Pocket's Angle (α) / Winkel Wendeplattensitz (α)						
			4.5°	3.5°	2.5°	1.5°	0.5°	-0.5°	-1.5°
16	3/8	EX-RH or IN-LH	ATS-16E+4.5	ATS-16E+3.5	ATS-16E+2.5	ATS-16E	ATS-16E+0.5	ATS-16E-0.5	ATS-16E-1.5
16	3/8	EX-LH or IN-RH	ATS-16I+4.5	ATS-16I+3.5	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 Değişirme Öneri Tablosu / Shim Change Recommendation Empfehlungen zum Wechseln der Unterlage

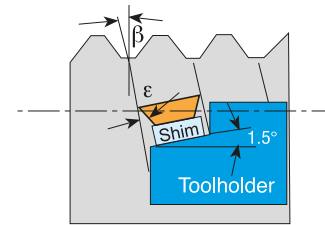
Tabloda da görüldüğü gibi bazı diş hatvelerinin çaplara göre kombinasyonları altlık değişimini gerektirir. Eğer değişim gerekli ise EX-RH ve IN-LH katerleri için ATS-E altlıklarını, IN-RH ve EX-LH katerleri için ATS-I altlıklarını kullanın.

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.



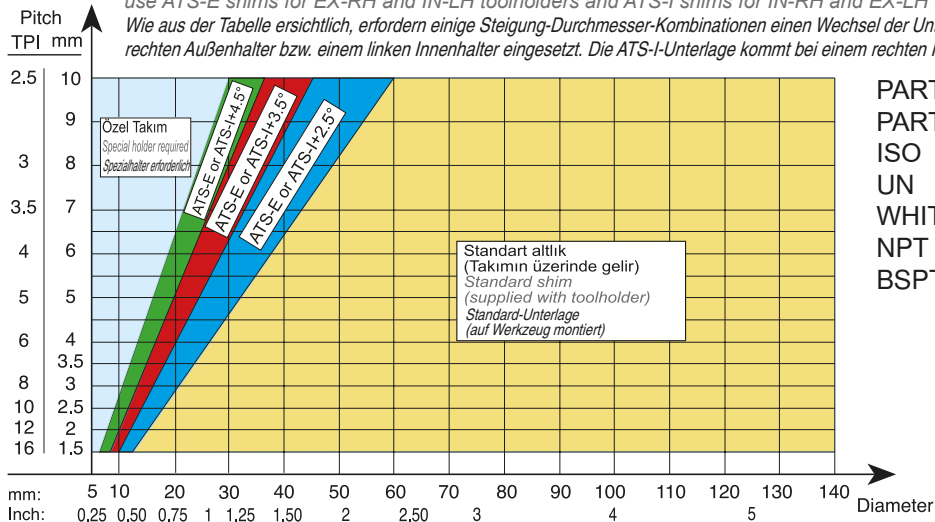
ACME  
 STUB ACME  
 TRAPEZ (DIN 103)  
 ROUND (DIN 405)



Tabloda da görüldüğü gibi çoğu uygulamalar 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.

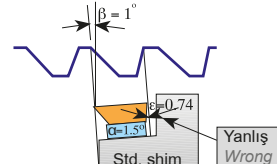
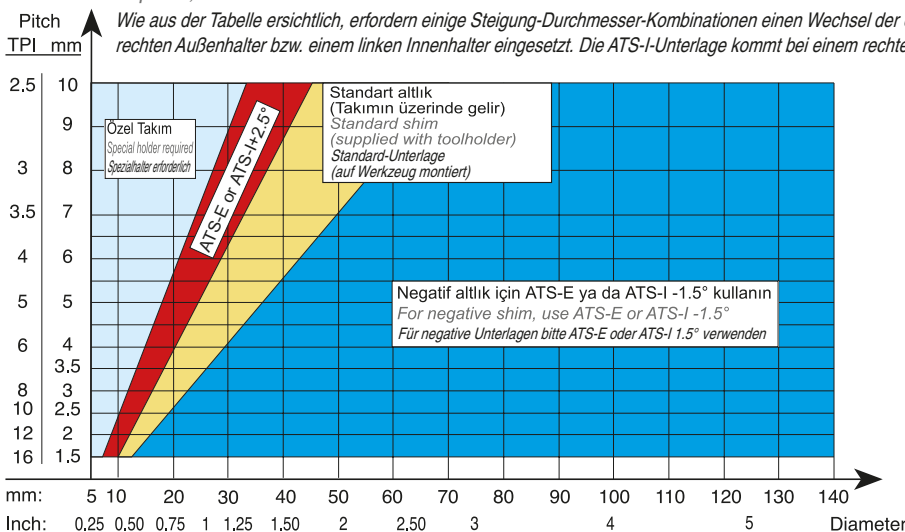


PARTIAL PROFILES 60°  
 PARTIAL PROFILES 55°  
 ISO  
 UN  
 WHIT.  
 NPT  
 BSPT

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

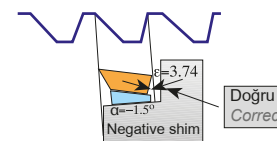
Wie aus der Tabelle ersichtlich, erfordern einige Steigung-Durchmesser-Kombinationen einen Wechsel der Unterlage. In diesem Fall wird eine ATS-E-Unterlage auf einem rechten Außenhalter bzw. einem linken Innenhalter eingesetzt. Die ATS-I-Unterlage kommt bei einem rechten Innenhalter bzw. einem linken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



Before Shim Change  
 Altlığı Değiştirmeden Önce  
 vor dem Wechseln der Unterlegplatte

AMERICAN  
 BUTTRESS  
 SAGENGEWINDE  
 (DIN 513)

Standart altlığın negatif bir altlıkla değiştirilmesi, kenar sürtmesini engelleyecektir.



After Shim Change  
 Altlığı Değiştirdikten Sonra  
 Nach dem Wechseln der Unterlegplatte

Replacing the standard shim with a shim has negative angle, will eliminate side rubbing  
 Das Ersetzen der Standard-Unterlegplatte durch eine Unterlegplatte mit negativem Winkel verhindert seitliche Reibung.



*konusulan  
the spoken kalite...  
quality...*

# KANAL AÇMA

KANAL AÇMA TAKIMLARI  
GROOVING TOOLHOLDERS  
STECHHALTER



AKKO **A** **AKT** - **K** - **R** - **2525**

**100** - **150** - **4** - **T22**

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

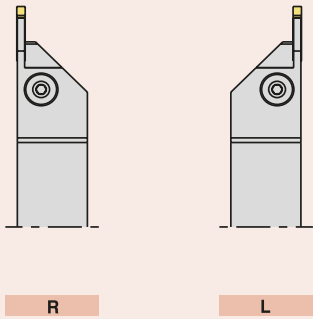
DKT: Dış Çap Kanal Açma Takımı / External Grooving Toolholders  
Außen-Steckhalter  
IKT: Delik İçi Kanal Açma Takımı / Internal Grooving Toolholders  
Innen-Steckhalter  
AKT: Dış Çap Alın Kanal Takımları / Face Grooving Toolholders  
Axial-Steckhalter  
LKT: L Tip Alın Kanal Açma Takımı / L Type Face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

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

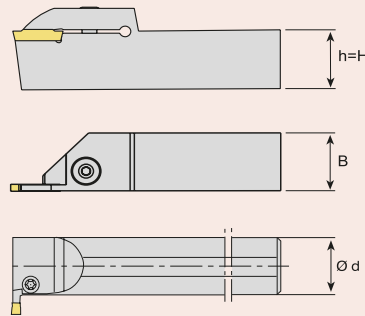
KRLY / MGM.  
HRN / S312, S229, S224, S223  
ISCR / DGN, GI, GTN  
SNDVK / 123, 151, 154.91  
ZCC  
KM / A4.  
ARN / LOMR.

TGTC / TD.

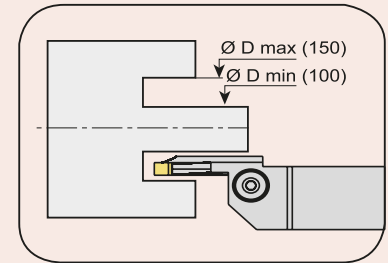
**4** Kesme Yönü / Cutting Direction  
Halteausführung



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

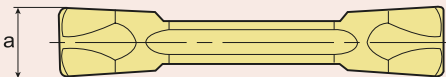


**6** Kesme Aralığı  
Cutting Diameter  
Durchmesser für Axialeinstechen

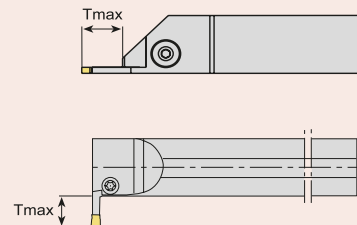


**7** Kesme Kenar Genişliği / Cutting Width Edge  
Plattenbreite

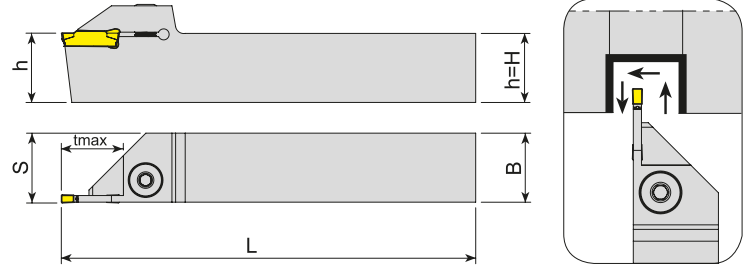
ÖR/E.G. :  
2 = 2.0 mm  
3 = 3.0 mm  
4 = 4.0 mm  
5 = 5.0 mm  
6 = 6.0 mm  
8 = 8.0 mm



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







Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
	R	L	h=H	B	L	S	t max		Sıkma Vidası Screw Schraube	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-1212-2-T15	●	●	12	12	100	16.3	15	MGM. - 2			
ADKT-K-R/L-1616-2-T15	●	●	16	16	125	16.3	15				
ADKT-K-R/L-2020-2-T15	●	●	20	20	125	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	16.3	15		MGM. - 3	2004-M8x1x20	-
ADKT-K-R/L-1616-3-T15	●	●	16	16	125	16.4	15				
ADKT-K-R/L-2020-3-T20	●	●	20	20	125	20.4	20				
ADKT-K-R/L-2020-3-R28	●	●	20	20	125	20.3	28				
ADKT-K-R/L-2525-3-R15	●	●	25	25	150	25.4	15				
ADKT-K-R/L-2525-3-T22	●	●	25	25	150	25.4	22				
ADKT-K-R/L-3232-3-T22	●	●	32	32	170	32.4	22	MGM. - 4	2004-M8x1x20	-	AAL-05-4
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-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-T22	●	●	32	32	170	32.4	22				
ADKT-K-R/L-2020-5-T20	●	●	20	20	125	20.5	20	MGM. - 5	2004-M8x1x20	-	AAL-05-4
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-T25	●	●	32	32	170	32.5	25	MGM. - 6	2004-M8x1x20	-	AAL-05-4
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	MGM. - 8	2004-M8x1x20	-	AAL-05-4
ADKT-K-R/L-3232-8-T32	●	●	32	32	170	32.8	32				

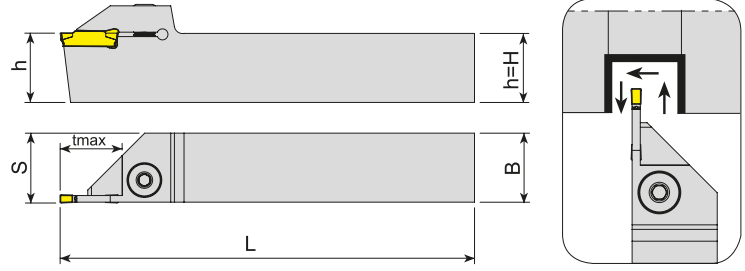
R: Sağ / Right / Rechts L: Sol/Left/Links

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

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

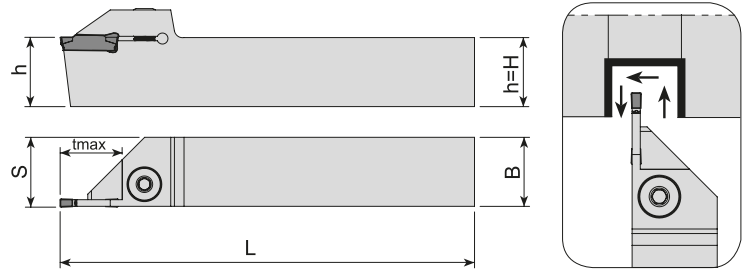
Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück ADKT-K-R-1212-2-T15



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
	R	L	h=H	B	L	S	t max		Sıkma Vidası Screw Schraube	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-T15	●	○	25	25	150	25.2	15				
ADKT-KG-R/L-2525-2-T17	●	○	25	25	150	25.2	17	KG.. - 3	2004-M8x1x20	-	AAL-05-4
ADKT-KG-R/L-1616-3-T20	●	●	16	16	125	16.3	20				
ADKT-KG-R/L-2020-3-T20	●	●	20	20	125	20.3	20				
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				
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	KG.. - 5			
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			

KRLLY Ucuna Uygun. / Compatible with KRLLY Insert. / Kompatibel mit KRLLY Wendeplatten



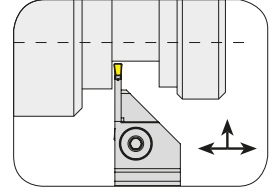
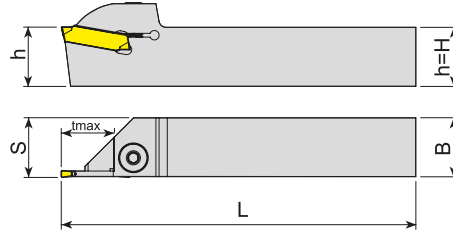
Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
	R	L	h=H	B	L	S	t max		Sıkma Vidası Screw Schraube	Pul Stamp Ring	Anahtar Allen Key Innensechskantschlüssel
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
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			

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 Uygun. / Compatible with SMTM Insert. / Kompatibel mit SMTM Wendeplatten

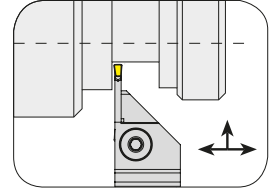
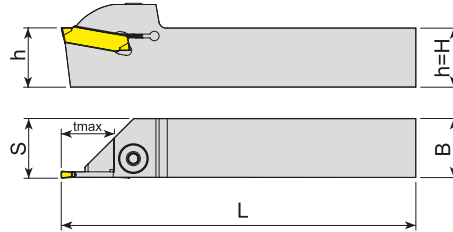
Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück ADKT-KG-R-2020-2-T15



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschnleipatte	Yedek Parçaları / Spare Parts / Ersatzteile		
	R	L	h=H	B	L	S	t max		Sıkma Vidası Screw Schraube	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	2004-M8x1x20	-	AAL-05-4
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	S229 - 5	2004-M8x1x20	-	AAL-05-4
ADKT-H-R/L-2020-5-T20	●	●	20	20	125	20.5	20				
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	2004-M8x1x20	-	AAL-05-4

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



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschnleipatte	Yedek Parçaları / Spare Parts / Ersatzteile		
	R	L	h=H	B	L	S	t max		Sıkma Vidası Screw Schraube	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	S224 - 4	2004-M8x1x20	-	AAL-05-4
ADKT-HK-R/L-2020-4-T20	●	●	20	20	125	20.4	20				
ADKT-HK-R/L-2525-4-T22	●	●	25	25	150	25.4	22	S223 - 2	AKV-02-M6x22	ABPL-01	AAL-03-3
ADKT-HS223-R/L-2020-2-T15	●	○	20	20	125	20.4	15				
ADKT-HS223-R/L-2020-3-T17	●	○	20	20	125	20.3	17	S223 - 3	2004-M8x1x20	-	AAL-05-4

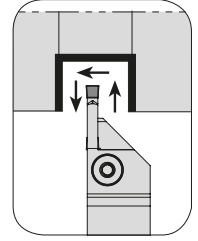
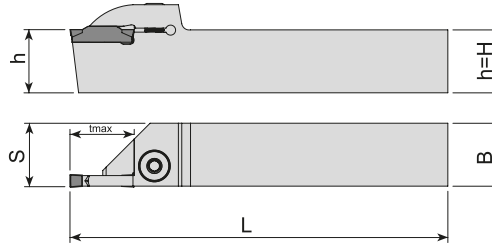
R: Sağ / Right / Rechts L: Sol/Left/Links

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

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

Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück ADKT-H-R-2020-3-T20

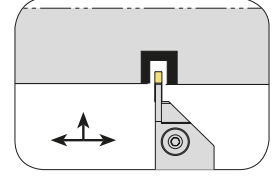
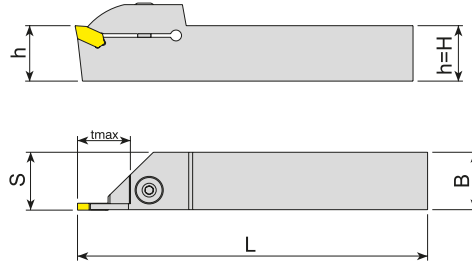


Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
	R	L	h=H	B	L	S	t max		Sıkma Vidası Screw Schraube	Pul Stamp Ring	Anahtar Allen Key Inmenschlüsselschlüssel
ADKT-ZCC2-R/L-1616-2-T15	●	●	16	16	125	16.3	15	Z.BD - 2	AKV-02-M6x22	ABPL-01	AAL-03-3
ADKT-ZCC2-R/L-2020-2-T15	●	●	20	20	125	20.3	15				
ADKT-ZCC2-R/L-2525-2-T15	●	●	25	25	150	25.3	15				
ADKT-ZCC2-R/L-1616-2.5-T15	●	●	16	16	125	16.3	15	Z.ED - 2.5			
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	2004-M8x1x20	-	AAL-05-4
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	Z.HD - 5			
ADKT-ZCC2-R/L-2020-5-T12	●	○	20	20	125	20.5	12				
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	Z.KD - 6			
ADKT-ZCC2-R/L-2525-5-T25	●	●	25	25	150	25.5	25				
ADKT-ZCC2-R/L-3232-5-T25	●	●	32	32	170	32.4	25				
ADKT-ZCC2-R/L-2020-6-T20	●	●	20	20	125	20.6	20				
ADKT-ZCC2-R/L-2525-6-T25	●	●	25	25	150	25.6	25				
ADKT-ZCC2-R/L-3232-6-T25	●	●	32	32	170	32.6	25				
ADKT-ZCC2-R/L-3232-6-T30	●	●	32	32	170	32.6	30				

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

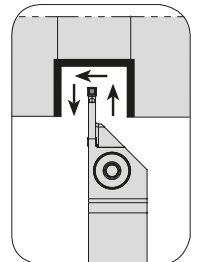
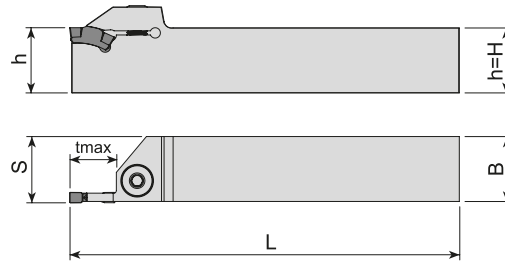
● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage  
ZCC Ucuna Uygundur. / Compatible with ZCC Insert. / Kompatibel mit ZCC Wendeplatten.

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



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
	R	L	h=H	B	L	S	t max		Sıkma Vidası Screw Schraube	Pul Stamp Ring	Anahtar Allen Key Innerschlüssel
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	2004-M8x1x20	-	AAL-05-4
ADKT-ZCC1-R/L-2525-4-T22	●	○	25	25	150	25.4	22				

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		
	R	L	h=H	B	L	S	t max		Sıkma Vidası Screw Schraube	Pul Stamp Ring	Anahtar Allen Key Innerschlüssel
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	TGM. - 4	2004-M8x1x20	-	AAL-05-4
ADKT-ITG-R/L-2020-4-T9	●	●	20	20	125	20.4	9				
ADKT-ITG-R/L-2525-4-T17	●	●	25	25	150	25.4	17	TGM. - 5	2004-M8x1x20	-	AAL-05-4
ADKT-ITG-R/L-3232-4-T17	●	●	32	32	170	32.4	17				
ADKT-ITG-R/L-3232-5-T25	●	○	32	32	170	32.5	25				

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

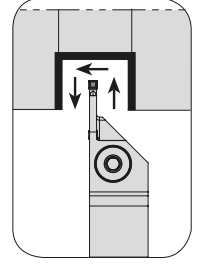
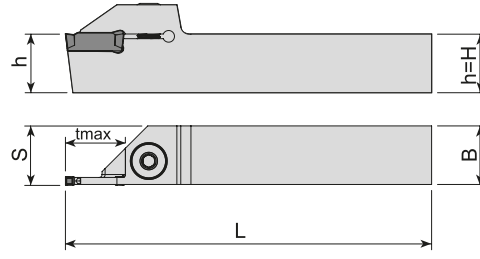
● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage

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

Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück ADKT-ZCC1-R-2020-3-T20



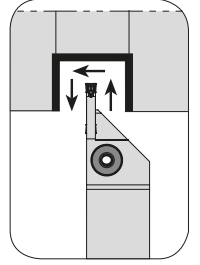
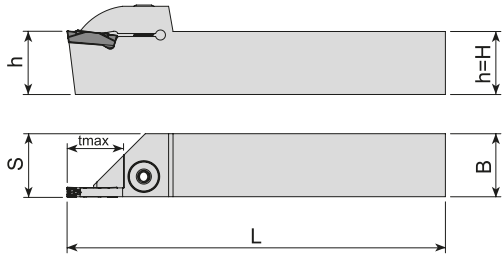


Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
	R	L	h=H	B	L	S	t max		Sıkma Vidası Screw Schraube	Pul Stamp Ring	Anahtar Allen Key Inmenschlüsselschlüssel
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			
ADKT-I-R/L-1616-3-T15	●	●	16	16	125	16.4	15				
ADKT-I-R/L-2020-3-T20	●	●	20	20	125	20.4	20				
ADKT-I-R/L-2525-3-T22	●	●	25	25	150	25.4	22				
ADKT-I-R/L-3232-3-T22	●	●	32	32	170	32.4	22				
ADKT-I-R/L-2020-4-T20	●	●	20	20	125	20.4	20	DGN / GRP - 4	2004-M8x1x20	-	AAL-05-4
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	DGN / GRP - 5			
ADKT-I-R/L-2020-5-T20	●	●	20	20	125	20.5	20				
ADKT-I-R/L-2525-5-T25	●	●	25	25	150	25.5	25	GRP - 3			
ADKT-IG-R/L-1616-3-T18	●	○	16	16	125	16.3	18				
ADKT-IG-R/L-2020-3-R20	●	●	20	20	125	20.4	20				
ADKT-IG-R/L-2525-3-T22	●	●	25	25	150	25.4	22	GIM / GIP - 2	AKV-02-M6x22	ABPL-01	AAL-03-3
ADKT-IGI-R/L-2020-2-T15	●	●	20	20	125	20.3	15				
ADKT-IGI-R/L-2525-2-T15	●	●	25	25	150	25.4	15				
ADKT-IGI-R/L-1616-3-T15	●	●	16	16	125	16.4	15				
ADKT-IGI-R/L-2020-3-T20	●	●	20	20	125	20.4	20				
ADKT-IGI-R/L-2525-3-T22	●	●	25	25	150	25.4	22	GIM / GIP - 3			
ADKT-IGI-R/L-2525-4-T22	●	●	25	25	150	25.5	22				
ADKT-IGI-R/L-2525-5-T25	●	●	25	25	150	25.6	25	GIM / GIP - 4	2004-M8x1x20	-	AAL-05-4
ADKT-IGI-R/L-2525-8-T30	●	○	25	25	150	25.8	30				
ADKT-IGI-R/L-2525-5-T25	●	●	25	25	150	25.6	25	GIM / GIP - 5			
ADKT-IGTN-R/L-2525-5-T25	●	●	25	25	150	25.6	25	GTN - 5			
ADKT-IDC-R/L-2525-3-T21	●	○	25	25	150	25.4	21	DCE - 3			

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

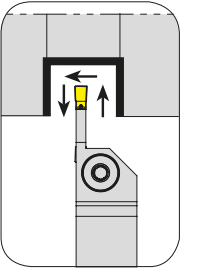
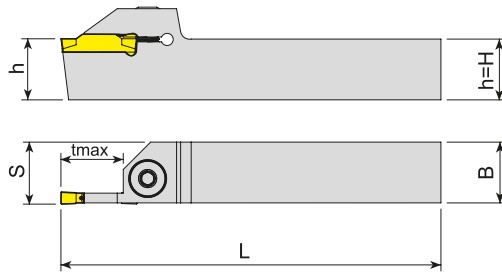
● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage  
ISCR Ucuna Uygundur. / Compatible with ISCR Insert. / Kompatibel mit ISCR Wendeplatten.

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



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
	R	L	h=H	B	L	S	t <sub>max</sub>		Sıkma Vidası Screw Schraube	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			

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



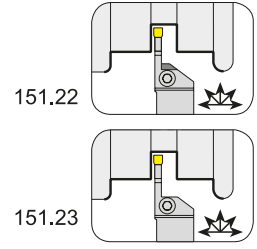
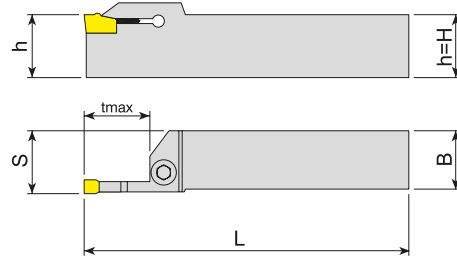
Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
	R	L	h=H	B	L	S	t <sub>max</sub>		Sıkma Vidası Screw Schraube	Pul Stamp Ring	Anahtar Allen Key Innensechskantschlüssel
ADKT-123-R/L-1212-1.5-R15	●	●	12	12	100	16.2	15	123 - 1.5	AKV-02-M6x22	ABPL-01	AAL-03-3
ADKT-123-R/L-1616-1.5-R15	●	●	16	16	125	16.3	15				
ADKT-123-R/L-1616-2-T15	●	●	16	16	125	16.3	15	123 - 2	AKV-02-M6x22	ABPL-01	AAL-03-3
ADKT-123-R/L-2020-2-T8	●	○	20	20	125	20.2	8				
ADKT-123-R/L-2020-2-T15	●	●	20	20	125	20.3	15	123 - 3	2004-M8x1x20	-	AAL-05-4
ADKT-123-R/L-2525-2-T15	●	●	25	25	150	25.3	15				
ADKT-123-R/L-3232-2-T15	●	●	32	32	170	32.3	15	123 - 4	2004-M8x1x20	-	AAL-05-4
ADKT-123-R/L-1616-3-T15	●	●	16	16	125	16.4	15				
ADKT-123-R/L-2020-3-T20	●	●	20	20	125	20.4	20	123 - 5	2004-M8x1x20	-	AAL-05-4
ADKT-123-R/L-2525-3-T22	●	●	25	25	150	25.4	22				
ADKT-123-R/L-2020-4-T20	●	●	20	20	125	20.4	20	123 - 6	2004-M8x1x20	-	AAL-05-4
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	123 - 5	2004-M8x1x20	-	AAL-05-4
ADKT-123-R/L-2020-5-T20	●	●	20	20	125	20.5	20				
ADKT-123-R/L-2525-5-T25	●	●	25	25	150	25.5	25	123 - 6	2004-M8x1x20	-	AAL-05-4
ADKT-123-R/L-3232-6-T15	●	○	32	32	170	32.5	15				

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-KM-R-2020-2-T15

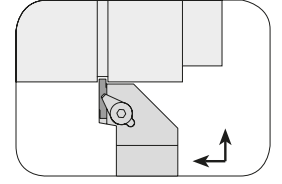
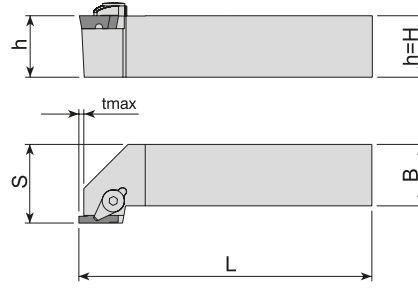


Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendescheibplatte	Yedek Parçaları / Spare Parts / Ersatzteile			
	R	L	h=H	B	L	S	t <sub>max</sub>		Sıkma Vidası Screw Schraube	Pul Stamp Ring	Anahtar Allen Key Innensechskantschlüssel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

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

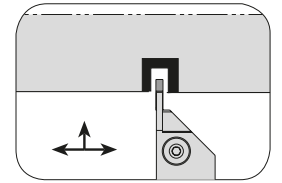
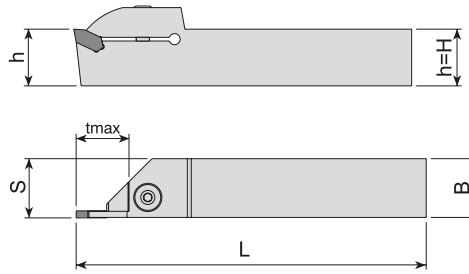
● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage  
SNDVK Ucuna Uygunudur. / Compatible with SNDVK Insert. / Kompatibel mit SNDVK Wendeplatten.

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		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)				Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile				
	R	L	h=H	B	L	S		t max	Baskı Parçası Wedge Clamp Spannspratze	Sıkma Vidası Screw Schraube	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		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)				Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile				
	R	L	h=H	B	L	S		t max	Sıkma Vidası Screw Schraube	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					

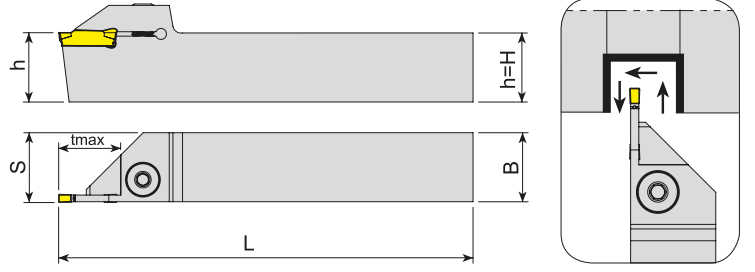
R: Sağ / Right / Rechts L: Sol/Left/Links

● 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.

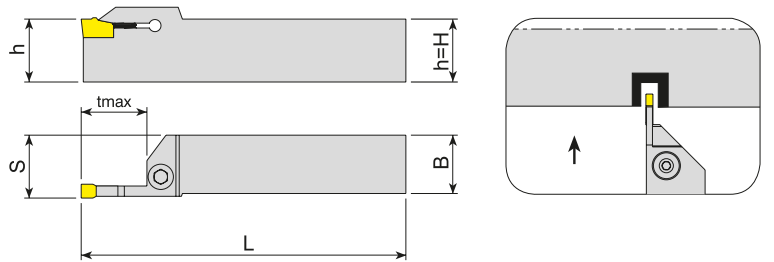
Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück ADKT-154.91-R-2020-3-T4



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
	R	L	h=H	B	L	S	t <sub>max</sub>		Sıkma Vidası Screw Schraube	Pul Stamp Ring	Anahtar Allen Key Innensechskantschlüssel
ADKT-TD-R/L-1212-2-T15	●	●	12	12	100	12.3	15	TD. - 2	AKV-02-M6x22	ABPL-01	AAL-03-3
ADKT-TD-R/L-1616-2-T15	●	●	16	16	125	16.3	15				
ADKT-TD-R/L-2020-2-T9	●	○	20	20	125	20.3	9				
ADKT-TD-R/L-2020-2-T15	●	●	20	20	125	20.3	15				
ADKT-TD-R/L-2020-2-T20	●	○	20	20	125	20.3	20				
ADKT-TD-R/L-2525-2-T17	●	●	25	25	150	25.3	17	TD. - 3	2004-M8x1x20	-	AAL-05-4
ADKT-TD-R/L-1212-3-T15	●	●	12	12	100	12.4	15				
ADKT-TD-R/L-1616-3-T15	●	●	16	16	125	16.4	15				
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-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	TD. - 4			
ADKT-TD-R/L-2525-4-T22	●	●	25	25	150	25.5	22				
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 Wendepplatten.

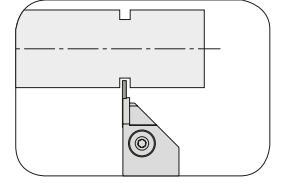
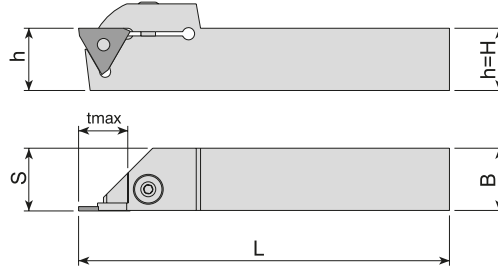


Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
	R	L	h=H	B	L	S	t <sub>max</sub>		Sıkma Vidası Screw Schraube	Pul Stamp Ring	Anahtar Allen Key Innensechskantschlüssel
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

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 Wendepplatten.

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

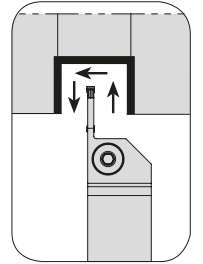
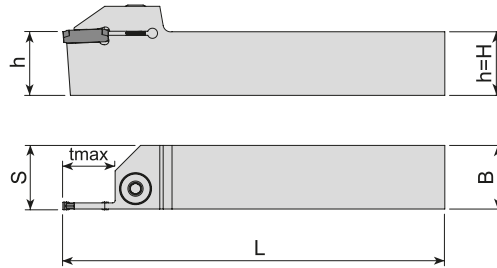




Yedek Parçaları / Spare Parts / Ersatzteile

Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)				Kesici Uç Insert Wendeschneidplatte	Sıkma Vidası Screw Schraube	Baskı Pabucu Wedge Clamp Spannpratze	Sekman Ring Feder	Anahtar Allen Key Innensechskantschlüssel	
	R	L	h=H	B	L	S	t max					
ADKT-H22-R/L-1616-(0.5-2)-T4	●	●	16	16	125	16.2	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	20.2	4					
ADKT-H22-R/L-2525-(0.5-2)-T4	●	●	25	25	150	25.2	4					

HRN Ucuna Uygunudur. / Compatiple with HRN Insert. / Kompatibel mit HRN Wendeplatten.



Yedek Parçaları / Spare Parts / Ersatzteile

Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)				Kesici Uç Insert Wendeschneidplatte	Sıkma Vidası Screw Schraube	Pul Stamp Ring	Anahtar Allen Key Innensechskantschlüssel	
	R	L	h=H	B	L	S	t max				
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				

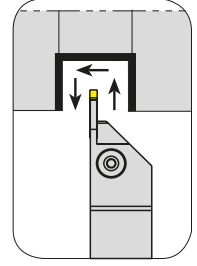
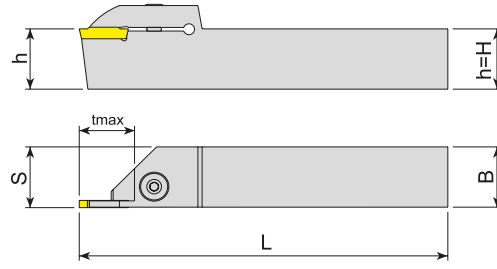
R: Sağ / Right / Rechts L: Sol/Left/Links

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

LMN Ucuna Uygunudur. / Compatiple with LMN Insert. / Kompatibel mit LMN Wendeplatten.

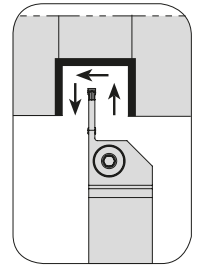
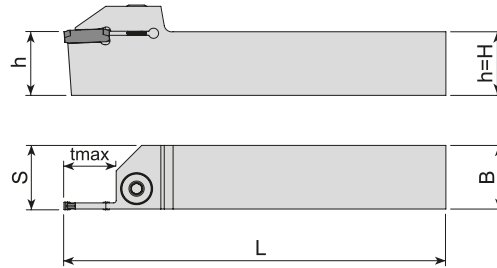
Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück ADKT-H22-R-1616-(0.5-2)T16



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
	R	L	h=H	B	L	S	t max		Sıkma Vidası Screw Schraube	Pul Stamp Ring	Anahtar Allen Key Innerschloßschlüssel
ADKT-WGX16-R/L-2020-2-R16	●	○	20	20	125	20.3	16	GX16. - 2	AKV-02-M6x22	ABPL-01	AAL-03-3
ADKT-WGX16-R/L-2525-2-R16	●	○	25	25	150	20.3	16				
ADKT-WGX24-R/L-2020-3-T20	●	●	20	20	125	20.3	20	GX24. - 3	2004-M8x1x20	-	AAL-05-4
ADKT-WGX24-R/L-2525-3-T22	●	●	25	25	150	25.3	22				
ADKT-WGX24-R/L-3232-3-T22	●	○	32	32	170	32.3	22	GX24. - 4			
ADKT-WGX24-R/L-2525-4-T22	●	●	25	25	150	25.4	22				
ADKT-WGX24-R/L-2525-5-T25	●	●	25	25	150	25.5	25	GX24. - 5			
ADKT-WGX24-R/L-3232-5-T25	●	●	32	32	170	32.5	25				

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

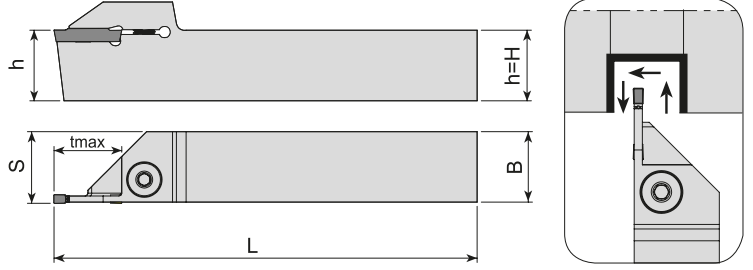


Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
	R	L	h=H	B	L	S	t max		Sıkma Vidası Screw Schraube	Pul Stamp Ring	Anahtar Allen Key Innerschloßschlüssel
ADKT-GP-R/L-2020-3-T20	●	●	20	20	125	20.3	20	GP - 3			
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	2004-M8x1x20	-	AAL-05-4
ADKT-GP-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  
PLBT Ucuna Uygundur. / Compatible with PLBT Insert. / Kompatibel mit PLBT Wendeplatten.

Sipariş Örneği/Ordering Example/Bestellbeispiel  
1 ad./pcs./stück ADKT-WGX24-R-2525-3-T22

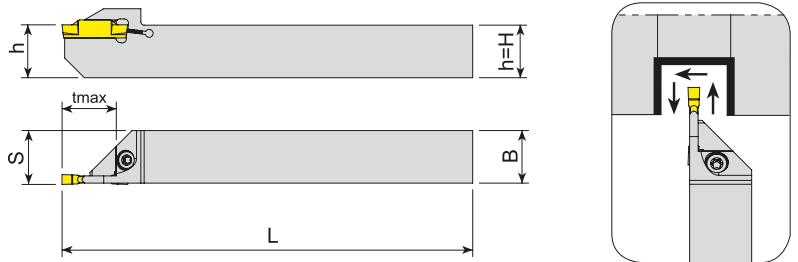
DIŞ ÇAP KANAL AÇMA TAKIMLARI  
EXTERNAL GROOVING TOOLHOLDERS  
AUBEN-STECHHALTER



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
	R	L	h=H	B	L	S	t max		Sıkma Vidası Screw Schraube	Pul Stamp Ring	Anahtar Allen Key Innerschraubenschlüssel
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 Uygunur. / Compatiple with CRTZT Insert. / Kompatibel mit CRTZT Wendeplatten.

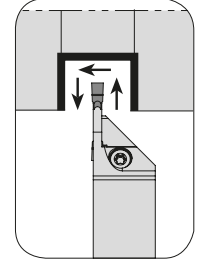
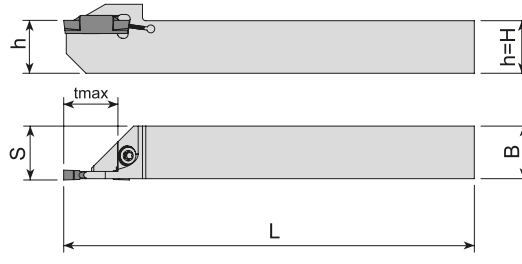
DIŞ ÇAP KANAL AÇMA İSVİÇRE TİPİ KAYAR OTOMAT MAKİNA TAKIMLARI  
EXTERNAL GROOVING TOOLHOLDERS FOR SWISS TYPE SLIDING AUTOMATIC LATHES  
WERKZEUGE ZUR STECHBEARBEITUNG AUF LANGDREHAUTOMATEN



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
	R	L	h=H	B	L	S	t max		Sıkma Vidası Screw Schraube	Pul Stamp Ring	Tork Anahtar Torx Key Torx-Schlüssel
ADKT-TD-R/L-1212-2-T12-K-S	●	●	12	12	125	12.2	12	TD. - 2	4015-M4x11	-	80-T15
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				

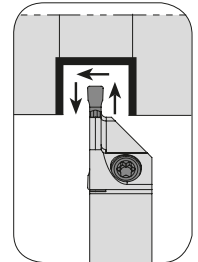
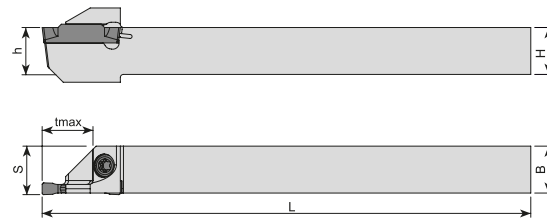
R: Sağ / Right / Rechts L: Sol/Left/Links  
● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage  
TGTC Ucuna Uygunur. / Compatiple with TGTC Insert. / Kompatibel mit TGTC Wendeplatten.

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



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
	R	L	h=H	B	L	S	t <sub>max</sub>		Sıkma Vidası Screw Schraube	Pul Stamp Ring	Tork Anahtar Torx Key Torx-Schlüssel
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	Z.FD - 3	-	-	-
ADKT-ZCC2-R/L-1212-3-T12-K-S	●	●	12	12	125	12.3	12				

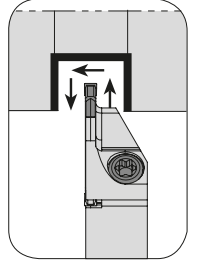
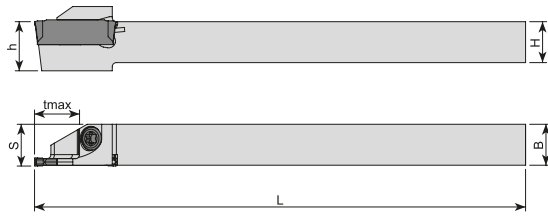
ZCC Ucuna Uygun. / Compatible with ZCC Insert. / Kompatibel mit ZCC Wendeplatten.



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		
	R	L	h=H	B	L	S	t <sub>max</sub>		Sıkma Vidası Screw Schraube	Pul Stamp Ring	Tork Anahtar Torx Key Torx-Schlüssel
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				

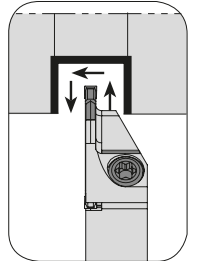
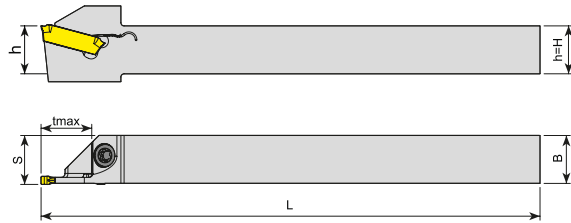
R: Sağ / Right / Rechts L: Sol/Left/Links  
● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage  
KRLY Ucuna Uygun. / Compatible with KRLY Insert. / Kompatibel mit KRLY Wendeplatten.

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



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
	R	L	h=H	B	L	S	t max		Sıkma Vidası Screw Schraube	Pul Stamp Ring	Tork Anahtar Torx Key Torx-Schlüssel
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	120	10.2	10				
ADKT-I-R/L-1212-2-R12-K-S	●	●	12	12	125	12.2	12	DGN - 3			
ADKT-I-R/L-1616-3-R16-K-S	●	●	16	16	120	16.3	16				

ISCR Ucuna Uygunudur. / 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		
	R	L	h=H	B	L	S	t max		Sıkma Vidası Screw Schraube	Pul Stamp Ring	Tork Anahtar Torx Key Torx-Schlüssel
ADKT-WGX16-R/L-1212-2-R12-K-S	●	●	12	12	125	12.2	16	GX16-2	4015-M4x11	-	80-T15
ADKT-WGX16-R/L-1616-2-R16-K-S	●	○	16	16	125	16.2	16				
ADKT-WGX24-R/L-1616-3-R16-K-S	●	○	16	16	125	16.3	16	GX24-3			

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

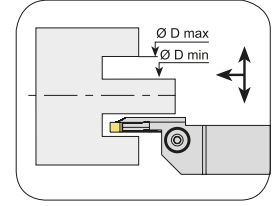
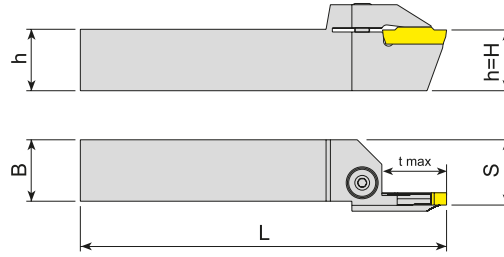
● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage

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

Sipariş Örneği/Ordering Example/Bestellbeispiel

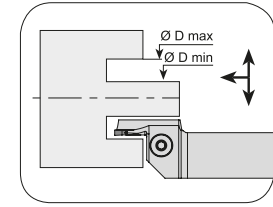
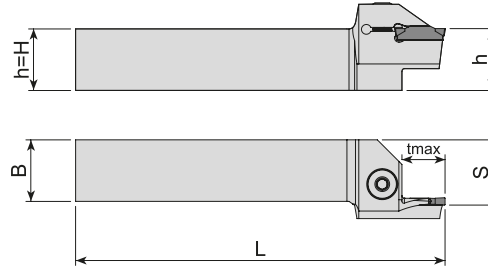
1 ad./pcs./stück ADKT-I-R-0808-2-R10-S





Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)							Kesici Uç Insert Wendeschneidplatte	Sıkma Vidası Screw Schraube	Pul Stamp Ring	Anahtar Allen Key Innensechskantschlüssel
	R	L	h=H	B	L	S	t max	Ø D min	Ø D max				
AAKT-KG-R/L-2525-44-70-4-T22	○	○	25	25	150	26.5	22	44	70				
AAKT-KG-R/L-2525-60-120-4-T22	○	○	25	25	150	26.5	22	60	120	KG.. - 4	2004-M8x1x20	-	AAL-05-4
AAKT-KG-R/L-2525-112-200-4-T22	○	○	25	25	150	26.5	22	112	200				

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

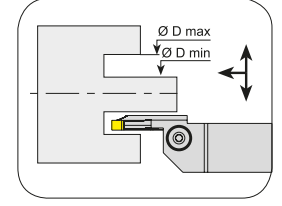
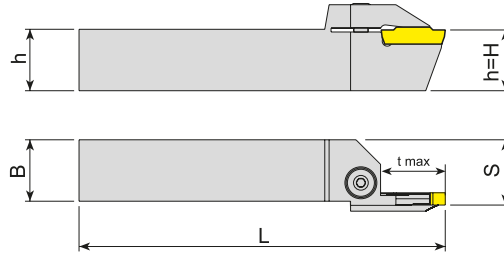


Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)							Kesici Uç Insert Wendeschneidplatte	Sıkma Vidası Screw Schraube	Pul Stamp Ring	Tork Anahtar Torx Key Torx-Schlüssel
	R	L	h=H	B	L	S	t max	Ø D min	Ø D max				
AAKT-ZCC2-R/L-2525-140-180-2-T4	●	○	25	25	150	26.5	4	140	180	Z.BD - 2			
AAKT-ZCC2-R/L-2525-35-45-3-T17	●	●	25	25	150	26.5	17	35	45				
AAKT-ZCC2-R/L-2525-39-55-3-T17	●	○	25	25	150	26.5	17	39	55				
AAKT-ZCC2-R/L-2525-49-80-3-T17	●	●	25	25	150	26.5	17	49	80	Z.FD - 3			
AAKT-ZCC2-R/L-2525-70-110-3-T17	●	●	25	25	150	26.5	17	70	110				
AAKT-ZCC2-R/L-2525-100-150-3-T17	●	●	25	25	150	26.5	17	100	150				
AAKT-ZCC2-R/L-2525-40-60-4-T22	●	○	25	25	150	26.5	22	40	60				
AAKT-ZCC2-R/L-2525-52-80-4-T22	●	●	25	25	150	26.5	22	52	80				
AAKT-ZCC2-R/L-2525-72-110-4-T22	●	●	25	25	150	26.5	22	72	110	Z.GD - 4	2004-M8x1x20	-	AAL-05-4
AAKT-ZCC2-R/L-2525-100-150-4-T22	●	●	25	25	150	26.5	22	100	150				
AAKT-ZCC2-R/L-2525-140-200-4-T22	●	●	25	25	150	26.5	22	140	200				
AAKT-ZCC2-R/L-2525-55-95-5-T25	●	○	25	25	150	26.5	25	55	95				
AAKT-ZCC2-R/L-2525-85-140-5-T25	●	●	25	25	150	26.5	25	85	140				
AAKT-ZCC2-R/L-2525-130-200-5-T25	●	○	25	25	150	26.5	25	130	200	Z.HD - 5			
AAKT-ZCC2-R/L-2525-190-400-5-T25	●	●	25	25	150	26.5	25	190	400				
AAKT-ZCC2-R/L-2525-200-500-5-T17	●	●	25	25	150	26.5	25	200	500				
AAKT-ZCC2-R/L-2525-60-110-6-T15	●	○	25	25	150	26.5	15	60	110	Z.KD - 6			

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

● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage  
ZCC Ucuna Uygundur. / Compatible with ZCC Insert. / Kompatibel mit ZCC Wendeplatten.

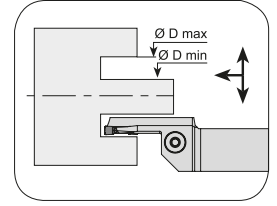
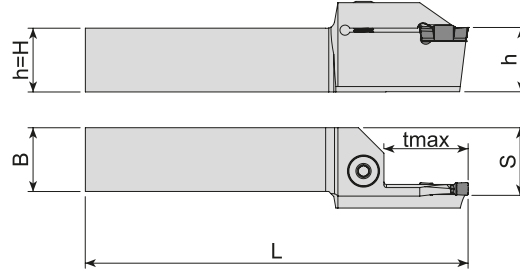
Sipariş Örneği/Ordering Example/Bestellbeispiel  
1 ad./pcs./stück AAKT-KG-R-2525-44-70-4-T22



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)							Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile			
	R	L	h=H	B	L	S	t max	Ø D min	Ø D max		Sıkma Vidası Screw Schraube	Pul Stamp Ring	Anahtar Allen Key Immersionschlüssel	
AAKT-K-R/L-2525-34-45-3-T17	●	●	25	25	150	26.5	17	34	45	MGM. - 3				
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	2004-M8x1x20	-	AAL-05-4	
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					
AAKT-K-R/L-2525-60-100-6-T25	●	●	25	25	150	26.5	25	60	100	MGM. - 6				
AAKT-K-R/L-2525-60-100-6-T35	●	○	25	25	150	26.5	35	60	100					
AAKT-K-R/L-2525-100-200-6-T25	●	○	25	25	150	26.5	25	100	200					
AAKT-K-R/L-2525-100-200-6-T35	●	○	25	25	150	26.5	35	100	200					
AAKT-K-R/L-2525-100-200-6-T45	●	○	25	25	150	26.5	45	100	200					
AAKT-K-R/L-2525-140-300-6-T35	●	●	25	25	150	26.5	35	140	300					
AAKT-K-R/L-2525-140-300-8-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 Uygunudur. / 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

Takım Ölçüleri (mm)  
Dimension (mm)  
Abmessung (mm)

Kesici Uç  
Insert  
Wendeschneidplatte

Yedek Parçaları / Spare Parts / Ersatzteile

Sıkma Vidası  
Screw  
Schraube

Pul  
Stamp  
Ring

Anahtar  
Allen Key  
Innensechskantschlüssel

R L

h=H

B

L

S

t max

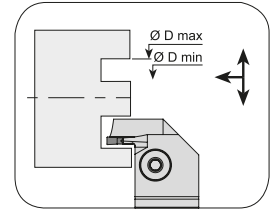
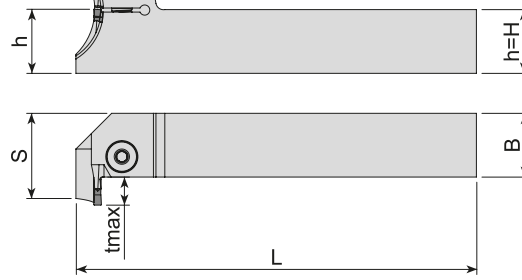
Ø D min

Ø D max



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-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.



**Takım Kodu**  
**Ordering Code**  
**Bestell-Bezeichnung**

Stok  
Stock  
Lager

Takım Ölçüleri (mm)  
Dimension (mm)  
Abmessung (mm)

Kesici Uç  
Insert  
Wendeschneidplatte

Yedek Parçaları / Spare Parts / Ersatzteile

Sıkma Vidası  
Screw  
Schraube

Pul  
Stamp  
Ring

Anahtar  
Allen Key  
Innensechskantschlüssel

R L

h=H

B

L

S

t max

Ø D min

Ø D max

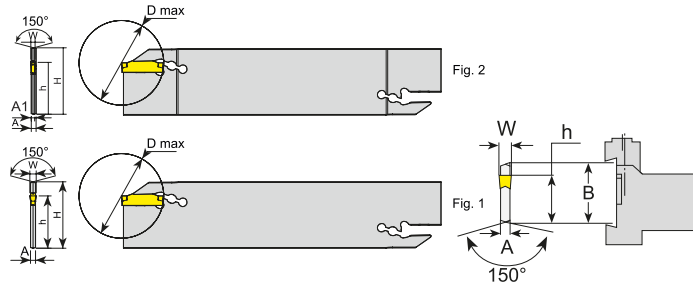


ALKT-ZCC2-R/L-2525-35-45-3-T10	●	●	25	25	150	36	10	35	45	Z.FD - 3	2004-M8x1x20	-	AAL-05-4
ALKT-ZCC2-R/L-2525-39-55-3-T10	●	●	25	25	150	36	10	39	55				
ALKT-ZCC2-R/L-2525-35-∞-3-T4	●	●	25	25	150	30	4	35	∞				
ALKT-ZCC2-R/L-2525-40-60-4-T14	●	●	25	25	150	40	14	40	60	Z.GD - 4			
ALKT-ZCC2-R/L-2525-52-80-4-T14	●	○	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

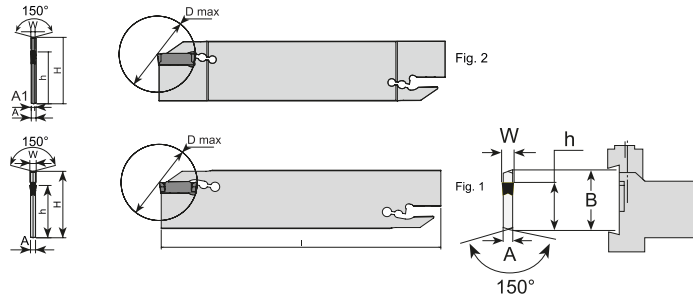
● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage  
ZCC Ucuna Uygundur. / Compatible with ZCC Insert. / Kompatibel mit ZCC Wendeplatten.

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



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)								Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts Ersatzteile
		B	W	A	A1	l	h	D max	Fig.		
AKL-TD-32-2	●	32	2	2.4	1.6	150	25	39	2		ALA-01 
AKL-TD-32-3	●	32	3	2.4	-	150	25	39	1		

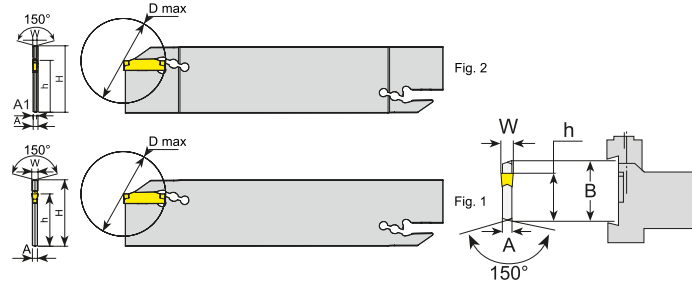
TGTC Ucuna Uygunur. / Compatible with TGTC Insert. / Kompatibel mit TGTC Wendeplatten.



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)								Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts Ersatzteile
		B	W	A	A1	l	h	D max	Fig.		
AKL-I-26-2	●	26	1.9-2.5	1.6	-	110	21.4	39	1		ALA-01 
AKL-I-32-2	●	32	1.9-2.5	2.4	1.8	150	25	39	2		
AKL-I-26-3	●	26	3-3.18	2.4	-	110	21.4	39	1		ALA-01 
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		ALA-01 
AKL-I-32-4	●	32	4	3.2	-	150	25	100	1		

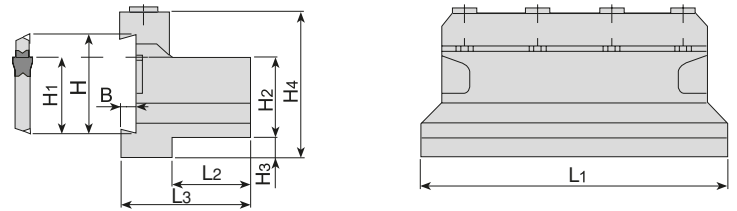
R: Sağ / Right / Rechts L: Sol/Left/Links  
 ● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage  
 ISCR Ucuna Uygunur. / Compatible with ISCR Insert. / Kompatibel mit ISCR Wendeplatten.

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



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	
		B	W	A	A1	l	h	D max	Fig.		Anahtar Allen Key Innerschlüsselschlüssel	
AKL-123-32-2	●	32	2	2.4	1.6	150	25	39	2			
AKL-123-32-3	●	32	3	2.4	-	150	25	39	1	<b>123 - 3</b>		
AKL-123-32-4	●	32	4	3.2	-	150	25	39	1	<b>123 - 4</b>		

SNDVK Ucuna Uygunur. / Compatiple with SNDVK Insert. / Kompatibel mit SNDVK Wendeschneidplatten.



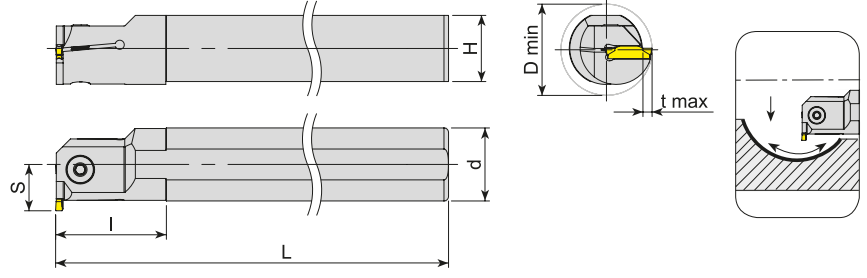
Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)									Yedek Parçaları / Spare Parts / Ersatzteile		
		H	H1	H2	H3	H4	B	L1	L2	L3	Pabuç Clamp Spannspratze	Pabuç Vidası Clamp Screw Klemmschraube	Anahtar Allen Key Innerschlüsselschlüssel
ALBU-20-26	●	26	21.4	20	9	43	4	86	19	38		2505-M6x25	
ALBU-25-26	●	26	21.4	25	5	45	4	110	23	42	ABK-02		
ALBU-20-32	●	32	25	20	13	50	5.3	100	19	38	ABK-03	2505-M6x30	
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			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 AKL-123-32-3

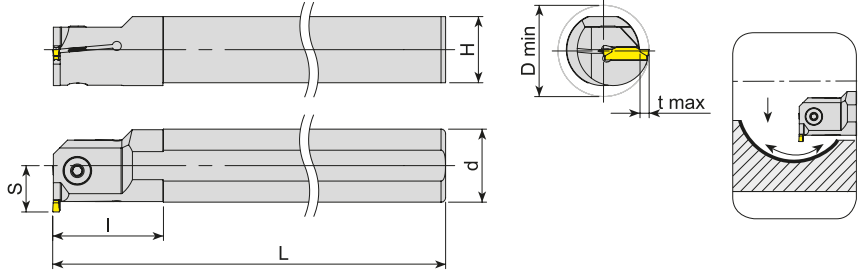




Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)							Kesici Uç Insert Wendescheidplatte	Yedek Parçaları / Spare Parts / Ersatzteile	
	R	L	d	D min	L	l	t max	H	S		Sıkma Vidası Screw Schraube	Anahtar Allen Key Innerschlüssel
AIKT-K-R/L-16-2-T4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

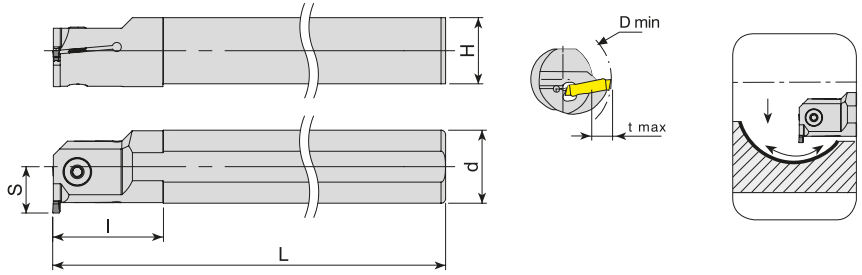
R: Sağ / Right / Rechts L: Sol/Left/Links  
● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage  
KRLY Ucuna Uygunudur. / Compatible with KRLY Insert. / Kompatibel mit KRLY Wendeplatten.

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



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)						Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
	R	L	d	D min	L	l	t max	H		S	Sıkma Vidası Screw Schraube	Anahtar Allen Key Innerschlankschlüssel
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	
AIKT-KG-R/L-25-3-T7	○	○	25	33	200	40	7	23	19.5	2004-M8x1x20		
AIKT-KG-R/L-40-3-T8	●	○	40	50	300	55	8	37.5	28		KG.. - 4	
AIKT-KG-R/L-25-4-T8	●	●	25	34	200	40	8	23	20.5			

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

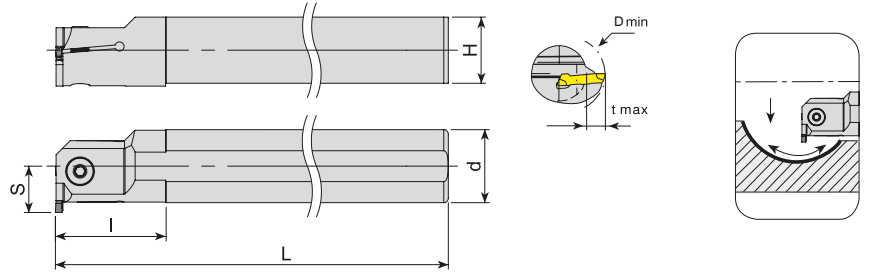


Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)						Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
	R	L	d	D min	L	l	t max	H		S	Sıkma Vidası Screw Schraube	Anahtar Allen Key Innerschlankschlüssel
AIKT-H-R/L-25-3-T8	●	●	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	S229 - 4		
AIKT-H-R/L-25-4-T8	●	●	25	34	200	40	8	23	20.5		2004-M8x1x20	
AIKT-H-R/L-32-4-T7	●	●	32	40	250	50	7	30	23	S229 - 5		
AIKT-H-R/L-40-4-T7	●	●	40	48	300	55	7	37.5	27		2004-M8x1x20	
AIKT-H-R/L-25-5-T8	●	●	25	34	200	40	8	23	20.5			
AIKT-H-R/L-32-5-T7	●	○	32	40	250	50	7	30	23			
AIKT-H-R/L-40-5-T7	●	○	40	48	300	55	7	37.5	27			

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

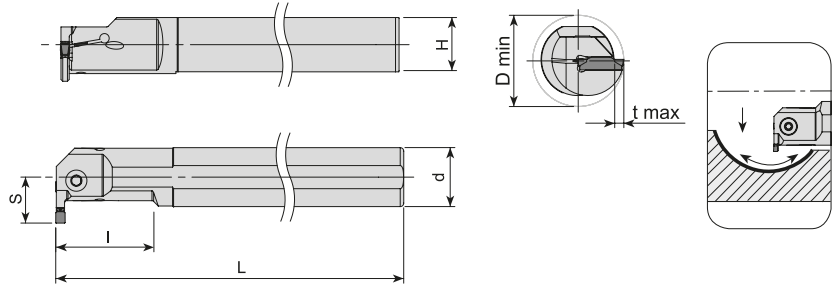
● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage  
HRN Ucuna Uygun. / Compatible with HRN Insert. / Kompatibel mit HRN Wendeplatten.

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



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



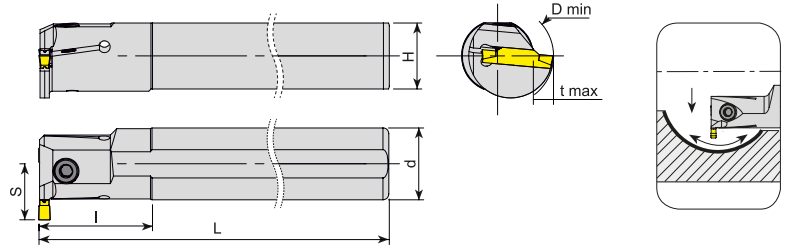
Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)							Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile	
	R	L	d	D min	L	l	t max	H	S		Sıkma Vidası Screw Schraube	Anahtar Allen Key Innerschlüsselschlüssel
AIKT-KM-R/L-20-2-T7	●	●	20	25	170	40	7	18.3	13	A4. - 2	2503-M4x12	AAL-03-3
AIKT-KM-R/L-20-3-T7	●	○	20	25	170	40	7	18.3	13		2504-M5x12	AAL-05-4
AIKT-KM-R/L-25-3-T10	●	●	25	32	200	50	10	23	17	A4. - 3	2505-M6x16	AAL-07-5
AIKT-KM-R/L-32-3-T12	●	●	32	40	250	64	12	30	22		2505-M6x20	
AIKT-KM-R/L-40-3-T12	●	●	40	48	300	80	12	37.5	27	A4. - 4	2504-M5x12	AAL-05-4
AIKT-KM-R/L-20-4-T7	●	○	20	25	170	40	7	18.3	13			

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.

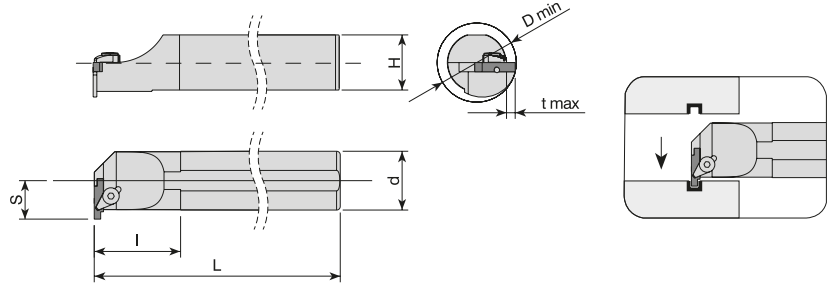
Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück AIKT-HK-R-20-2-T6



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)						Kesici Uç Insert Wendescheidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
	R	L	d	D min	L	l	t max	H		S	Sıkma Vidası Screw Schraube	Anahtar Allen Key Innensechskantschlüssel
AIKT-123-R/L-20-2-T6	●	○	20	32	170	30	6	18.3	16	123 - 2	2504-M5x12	AAL-05-4
AIKT-123-R/L-25-2-T6	●	○	25	32	200	40	6	18.3	18.5		2004-M8x1x20	
AIKT-123-R/L-32-2-T7	●	○	32	41	250	45	7	30	23		2504-M5x16	
AIKT-123-R/L-20-3-T6	●	○	20	32	170	30	6	18.3	16	123 - 3	2004-M8x1x20	
AIKT-123-R/L-25-3-T7	●	○	25	32	200	40	7	23	19.5		2504-M5x16	
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		2004-M8x1x20	
AIKT-123-R/L-32-4-T7	●	●	32	41	250	45	7	30	23		2504-M5x16	
AIKT-123-R/L-32-4-T10	●	○	32	43	250	50	10	30	26	123 - 5	2004-M8x1x20	
AIKT-123-R/L-25-5-T8	●	○	25	34	200	40	8	23	20.5		2504-M5x16	
AIKT-123-R/L-32-5-T11	●	●	32	43	250	50	11	30	27		2004-M8x1x20	

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

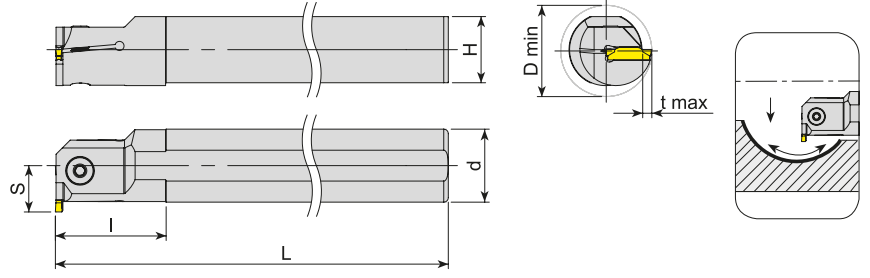


Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)						Kesici Uç Insert Wendescheidplatte	Baskı Parçası Wedge Clamp Spannpratze	Sıkma Vidası Screw Schraube	Pim Pin Stift	Anahtar Allen Key Innensechskantschlüssel	
	R	L	d	D min	L	l	t max	H						S
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		ACK-03	AKV-21-M6x18		
AIKT-154.91-R/L-25-3-T4	●	●	25	31	200	40	4	23	16.5		154.91 - 5	ACK-03	AKV-07-M6x22	AAL-03-3
AIKT-154.91-R/L-25-5-T5	●	●	25	31	200	45	5	23	17.5					
AIKT-154.91-R/L-32-5-T5	●	●	32	38	250	50	5	30	21					

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

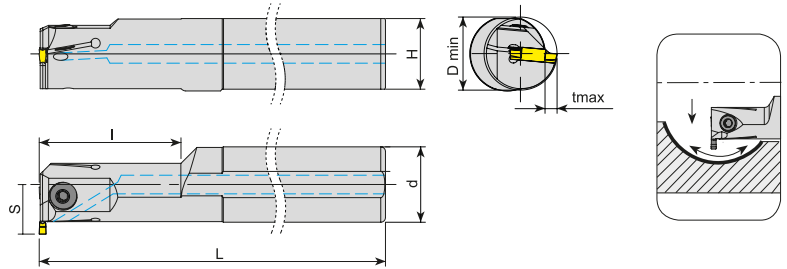
● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage  
SNDVK Ucuna Uygundur. / Compatible with SNDVK Insert. / Kompatibel mit SNDVK Wendeplatten.

Sipariş Örneği/Ordering Example/Bestellbeispiel  
1 ad./pcs./stück AIKT-123-R-32-2-T7



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)							Kesici Uç Insert Wendescheidplatte	Yedek Parçaları / Spare Parts / Ersatzteile	
	R	L	d	D <sub>min</sub>	L	I	t <sub>max</sub>	H	S		Sıkma Vidası Screw Schraube	Anahtar Allen Key Innerschloßschlüssel
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	
AIKT-ZCC2-R/L-20-3-T8	●	○	20	29	170	30	8	18.3	18	2504-M5x16		
AIKT-ZCC2-R/L-25-3-T5	●	○	25	31	200	40	5	23	17.5	2004-M8x1x20		AAL-05-4
AIKT-ZCC2-R/L-25-3-T10	●	○	25	36	200	40	10	23	22.5			
AIKT-ZCC2-R/L-32-3-T6	●	○	32	39	250	50	6	30	22	2504-M5x12		
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-M5x16		
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	2004-M8x1x20	
AIKT-ZCC2-R/L-32-4-T7	●	○	32	40	250	50	7	30	23			
AIKT-ZCC2-R/L-32-4-T8	●	○	32	41	250	50	8	30	24	Z.HD - 5		
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	2004-M8x1x20		
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			

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 Wendescheidplatte	Yedek Parçaları / Spare Parts / Ersatzteile	
	R	L	d	D <sub>min</sub>	L	I	t <sub>max</sub>	H	S		Sıkma Vidası Screw Schraube	Anahtar Allen Key Innerschloßschlüssel
AIKT-TD-R-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-20-3-T6-H	●	○	20	25	170	40	6	18.3	16	TD-3	2504-M5x12	AAL-05-4
AIKT-TD-R-25-3-T6-H	●	○	25	25	200	40	6	23	18.5			
AIKT-TD-R-32-3-T5-H	●	○	32	31	250	60	5	30	21	2004-M8x1x20		

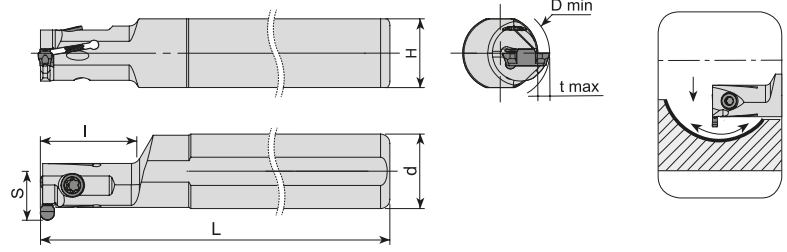
R: Sağ / Right / Rechts L: Sol/Left/Links

● 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

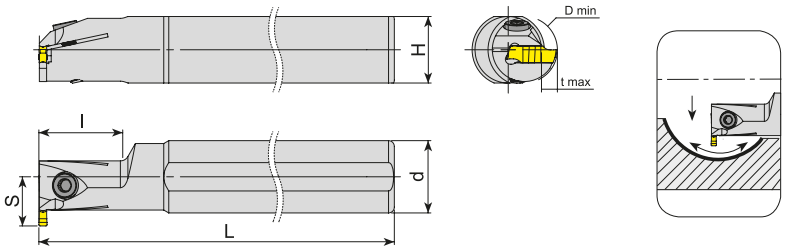
1 ad./pcs./stück AIKT-ZCC-R-20-3-T5





Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)							Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile	
	R	L	d	D min	L	I	t max	H	S		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torxschlüssel
AIKT-IGE-R/L-10-2-T3-H	●	○	10	11.5	125	25	3	9	8.3	GEPI - 2	1315-M4x8	80-T15
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	1315-M4x11	80-T15
AIKT-IGE-R/L-16-3-T2.5-D20	●	○	16	20	125	28	2.5	14.8	10.5			

ISCR Ucuna Uygun. / 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	
	R	L	d	D min	L	I	t max	H	S		Sıkma Vidası Screw Schraube	Anahtar Allen Key Innerschlüsselschlüssel
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	
AIKT-IGI-R/L-32-3-T5	●	●	32	31	250	30	5	30	21		2004-M8x1x20	AAL-05-4
AIKT-IGI-R/L-40-3-T5	●	○	40	50	300	50	5	37.5	25	GIMIY / GIPI - 4	1020-M5x14	80-T20
AIKT-IGI-R/L-20-4-T4	●	●	20	20	170	25	4	18.3	14.5			
AIKT-IGI-R/L-25-5-T10	●	○	25	32	200	25	10	23	22.5	GIMIY / GIPI - 5	2504-M5x16	AAL-05-4
AIKT-IGI-R/L-25-5-T15	●	○	25	37	200	25	15	23	27.5			

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

● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage  
ISCR Ucuna Uygun. / Compatible with ISCR Insert. / Kompatibel mit ISCR Wendeplatten.

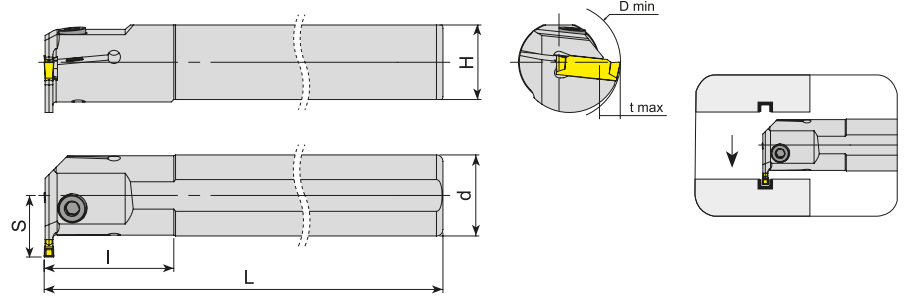
Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück AIKT-IGE-R-10-2-T3-H

Not: "I" boyunu D min çapa göre verilmiştir.

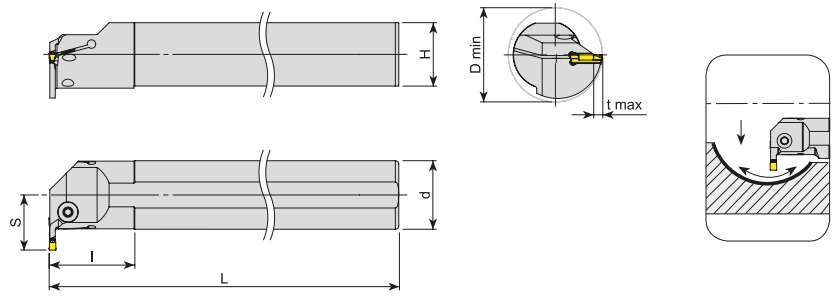
Note: Lengths of "I" are given according to D min diameter.

Hinweis: Maß "I" soll identisch mit Dmin sein



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)							Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile	
	R	L	d	D min	L	I	t max	H	S		Sıkma Vidası Screw Schraube	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	

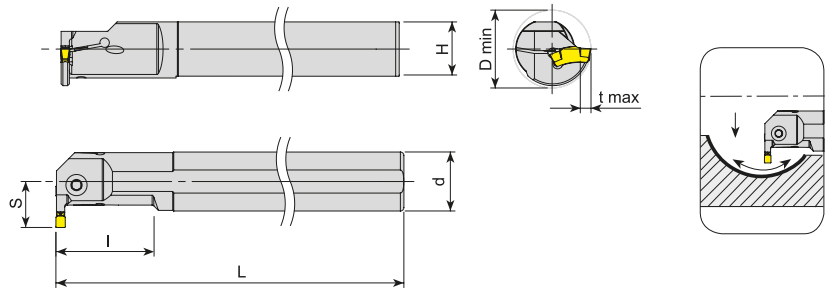
ISCR Ucuna Uygunur. / Compatible with ISCR Insert. / Kompatibel mit ISCR Wendeplatten.



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	
	R	L	d	D min	L	I	t max	H	S		Sıkma Vidası Screw Schraube	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	300	50	12	37.5	32.2		2504-M5X16	
AIKT-IG-R/L-25-5-T10-H	●	○	25	36	200	40	10	23	22.7	DGN / GRP - 5	2004-M8x1x20	
AIKT-IG-R/L-32-5-T10-H	●	○	32	43	250	45	10	30	26.2		2504-M5X16	
AIKT-IG-R/L-40-5-T12-H	●	○	40	53	250	50	12	37.5	32.2		2004-M8x1x20	
AIKT-IG-R/L-50-5-T12-H	●	○	50	63	300	60	12	47	37.2			

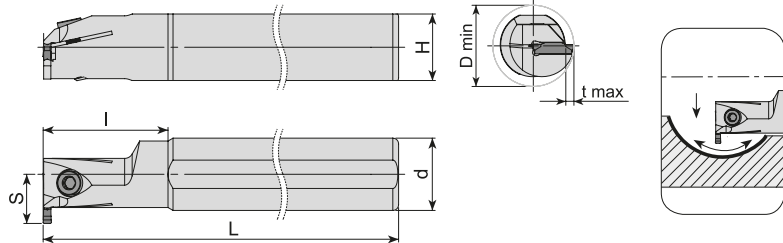
R: Sağ / Right / Rechts L: Sol/Left/Links  
● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage  
ISCR Ucuna Uygunur. / Compatible with ISCR Insert. / Kompatibel mit ISCR Wendeplatten.

Sipariş Örneği/Ordering Example/Bestellbeispiel  
1 ad./pcs./stück AIKT-I-R-20-3-T5



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)							Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile	
	R	L	d	D min	L	l	t max	H	S		Sıkma Vidası Screw Schraube	Anahtar Allen Key Innenschlüssel
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		2004-M8x1x20	
AIKT-ITG-R/L-32-4-T11-H	●	●	32	42	250	50	11	30	25.5			
AIKT-ITG-R/L-40-4-T11-H	●	●	40	53	300	50	11	37.5	32	TGM. - 6.35	2004-M8x1x20	
AIKT-ITG-R/L-32-6.35-T17.5-H	●	●	32	57	250	50	17.5	30	29			

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

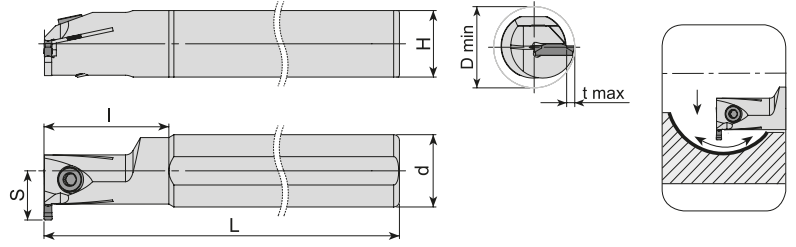


Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)							Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile	
	R	L	d	D min	L	l	t max	H	S		Sıkma Vidası Screw Schraube	Anahtar Allen Key Innenschlüssel
AIKT-GP-R/L-20-2-T4	●	○	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			
AIKT-GP-R/L-20-3-T6	●	○	20	27	170	30	6	18.3	16	GP - 3	2504-M5x16	AAL-05-4
AIKT-GP-R/L-25-3-T6	●	○	25	32	200	40	6	23	18.5		2004-M8x1x20	
AIKT-GP-R/L-32-3-T6	●	○	32	39	250	50	6	30	22	GP - 4	2504-M5x16	
AIKT-GP-R/L-20-4-T6	●	○	20	27	170	30	6	18.3	16		2004-M8x1x20	
AIKT-GP-R/L-25-4-T6	●	○	25	32	200	40	6	23	18.5	GP - 4	2504-M5x16	
AIKT-GP-R/L-32-4-T6	●	○	32	39	250	50	6	30	22		2004-M8x1x20	

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

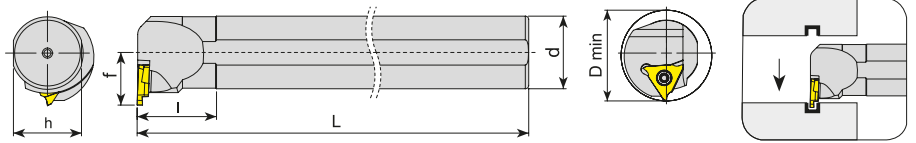
● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage  
PLBT Ucuna Uygundur. / Compatible with PLBT Insert. / Kompatibel mit PLBT Wendeplatten.

Sipariş Örneği/Ordering Example/Bestellbeispiel  
1 ad./pcs./stück AIKT-ITG-R-16-3-T6-H



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

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

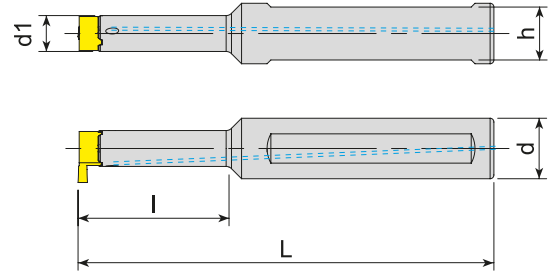






Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)						Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
	R	L	d	D min	L	I	t max	H		S	Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel
AIKT-QC11-R/L-20-(0.5-1.8)	●	○	20	16	150	40	-	18.3	12	QC11R/L (0.50-1.80)	3008 M2.5x6	80-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)	1120 M5x20	80-T20
AIKT-QC22-R/L-25-(2.5-3.3)	●	○	25	35	150	35	-	23	18.2	QC22R/L (2.50-3.30)		
AIKT-QC22-R/L-25-(3.3-4.8)	●	○	25	35	150	35	-	23	18.2	QC22R/L (3.30-4.80)		
AIKT-QC22-R/L-32-(1-2.3)	○	○	32	45	150	35	-	30	23.2	QC22R/L (1.00-2.30)		

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

● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage  
ZCC Ucuna Uygunur. / Compatible with ZCC Insert. / Kompatibel mit ZCC Wendeplatten.

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



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
		d	d1	L	l	h		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	
AIKT-MB07-A16-090-15	●	16	7.4	90	15	14	 <b>MB - 07</b>	 4008-M3x8	 80-T08	
AIKT-MB07-A16-090-22	●	16	7.4	90	22	14				
AIKT-MB09-A16-090-19	●	16	9.5	90	19	14	 <b>MB - 09</b>	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 Uygunudur. / Compatible with SNDVK Insert. / Kompatibel mit SNDVK Wendeplatten.

Sipariş Örneği/Ordering Example/Bestellbeispiel  
1 ad./pcs./stück AIKT-MB07-A16-090-15





***konusulan***  
***the spoken kalite...***  
***quality...***





**DELİK DELME ve İŞLEME TAKIMLARI**  
*DRILLING and HOLEMAKING TOOLS*  
*BOHRWERKZEUGE*





*konusulan  
the spoken kalite...  
quality...*

# U-DRILL

TAKMA UÇLU MATKAPLAR  
U-DRILL SYSTEM  
VOLLBOHRER





**AKKO** **A** **TUM** **16** x **D3**

**S** **P** **G** **T** **06** **02** **04**

**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

D x 2  
D x 3  
D x 4

**5** Uç Şekli / Insert Form  
Plattenform

**W** **S**

**8** Uç Tipi / Insert Type  
Plattentyp

A J T   
 $\beta = 70-90^\circ$   $\beta = 70-90^\circ$   $\beta = 40-60^\circ$

B M U   
 $\beta = 70-90^\circ$   $\beta = 40-60^\circ$   $\beta = 40-60^\circ$

C N W   
 $\beta = 70-90^\circ$   $\beta = 40-60^\circ$   $\beta = 40-60^\circ$

F Q X **Özel**  
 $\beta = 70-90^\circ$   $\beta = 40-60^\circ$  **Special**

H R **Sonder**

**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

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

**C** **P**

**7** Toleranslar / Tolerance Classes  
Toleranzen

	d	m	t
A	± 0.025	± 0.005	± 0.025
C	± 0.025	± 0.013	± 0.025
E	± 0.025	± 0.025	± 0.025
F	± 0.013	± 0.005	± 0.025
G	± 0.025	± 0.025	± 0.130
H	± 0.013	± 0.013	± 0.025
J	± 0.05-0.15	± 0.005	± 0.025
K	± 0.05-0.15	± 0.013	± 0.025
L	± 0.05-0.15	± 0.025	± 0.025
M	± 0.05-0.15	± 0.08-0.20	± 0.130
N	± 0.05-0.15	± 0.08-0.20	± 0.025
U	± 0.08-0.25	± 0.13-0.38	± 0.130

d : Daire Ölçüsü / Inscribed Circle / Kreisgröße  
m : Şekle Göre / Refer to Figure / Siehe Abbildung  
t : Kalınlık / Thickness / Dicke

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

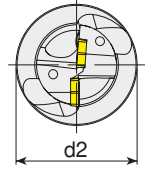
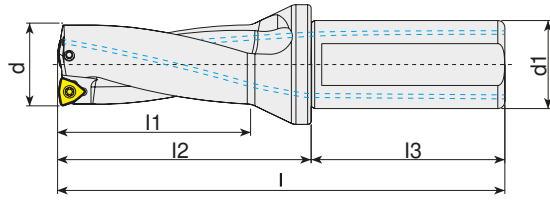
**11** Köşe Konfigurasyonu / Corner Radius  
Eckenradius

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  
Drilling Depth  
Bohrtiefe

= 2xÇap  
= 2xDiameter  
= 2xDurchmesser



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)							Kesici Uç Insert Wendescheidplatte	Yedek Parçaları / Spare Parts / Ersatzteile				
		d	d1	d2	l	l1	l2	l3		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel			
ATUM 16XD2 WCM. 030208	●	16	25	34	110	32	54	56	WCM. 030208	3008-M2.5x6	80-T08			
ATUM 16.5XD2 WCM. 030208	●	16.5	25	34	110	32	54	56						
ATUM 17XD2 WCM. 030208	●	17	25	34	112	34	56	56						
ATUM 17.5XD2 WCM. 030208	●	17.5	25	34	112	34	56	56						
ATUM 18XD2 WCM. 030208	●	18	25	34	114	36	58	56						
ATUM 18.5XD2 WCM. 030208	●	18.5	25	34	114	36	58	56						
ATUM 19XD2 WCM. 030208	●	19	25	34	116	38	60	56						
ATUM 19.5XD2 WCM. 030208	●	19.5	25	34	116	38	60	56						
ATUM 20XD2 WCM. 040208	●	20	25	34	118	40	62	56				WCM. 040208	3008-M2.5x6	80-T08
ATUM 20.5XD2 WCM. 040208	●	20.5	25	34	118	40	62	56						
ATUM 21XD2 WCM. 040208	●	21	25	34	120	42	64	56						
ATUM 21.5XD2 WCM. 040208	●	21.5	25	34	120	42	64	56						
ATUM 22XD2 WCM. 040208	●	22	25	34	122	44	66	56						
ATUM 22.5XD2 WCM. 040208	●	22.5	25	34	122	44	66	56						
ATUM 23XD2 WCM. 040208	●	23	25	34	124	46	68	56						
ATUM 23.5XD2 WCM. 040208	●	23.5	25	34	124	46	68	56						
ATUM 24XD2 WCM. 050308	●	24	25	34	126	48	70	56	WCM. 050308	3008-M3x8	80-T08			
ATUM 24.5XD2 WCM. 050308	●	24.5	25	34	126	48	70	56						
ATUM 25XD2 WCM. 050308	●	25	25	34	128	50	72	56						
ATUM 25.5XD2 WCM. 050308	●	25.5	25	34	128	50	72	56						
ATUM 26XD2 WCM. 050308	●	26	25	34	130	52	74	56						
ATUM 26.5XD2 WCM. 050308	●	26.5	25	34	130	52	74	56						
ATUM 27XD2 WCM. 050308	●	27	25	34	132	54	76	56						
ATUM 27.5XD2 WCM. 050308	●	27.5	25	34	132	54	76	56						
ATUM 28XD2 WCM. 050308	●	28	25	34	134	56	78	56						
ATUM 28.5XD2 WCM. 050308	●	28.5	25	34	134	56	78	56						
ATUM 29XD2 WCM. 050308	●	29	25	34	136	58	80	56	WCM. 050308	3008-M3x8	80-T08			
ATUM 29.5XD2 WCM. 050308	●	29.5	25	34	136	58	80	56						

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 Uygun. / Compatible with ISO Insert. / Kompatibel mit ISO Wendeplatten.

Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück ATUM 16xD2 WCM. 030208

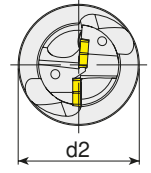
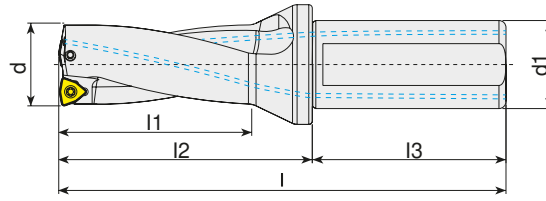
Takma Uçlu Matkap Kullanım Kılavuzu : S.319 / User's Guide For U-Drills : P.319  
S.320 / Bedienungsanleitung für Vollbohrer





Delme Derinliği  
Drilling Depth  
Bohrtiefe

= 2xÇap  
= 2xDiameter  
= 2xDurchmesser



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)							Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
		d	d <sub>1</sub>	d <sub>2</sub>	l	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	
ATUM 30XD2 WCM. 06T308	●	30	32	44	147	60	87	60	WCM. 06T308	3010-M3.5x9	80-T10	
ATUM 31XD2 WCM. 06T308	●	31	32	44	149	62	89	60				
ATUM 32XD2 WCM. 06T308	●	32	32	44	151	64	91	60				
ATUM 33XD2 WCM. 06T308	●	33	32	44	153	66	93	60				
ATUM 34XD2 WCM. 06T308	●	34	32	44	155	68	95	60				
ATUM 35XD2 WCM. 06T308	●	35	32	44	157	70	97	60				
ATUM 36XD2 WCM. 06T308	●	36	32	44	159	72	99	60				
ATUM 37XD2 WCM. 06T308	●	37	32	44	161	74	101	60				
ATUM 38XD2 WCM. 06T308	●	38	32	44	163	76	103	60				
ATUM 39XD2 WCM. 06T308	●	39	32	44	165	78	105	60				
ATUM 40XD2 WCM. 06T308	●	40	32	44	167	80	107	60				
ATUM 41XD2 WCM. 06T308	●	41	32	44	169	82	109	60				
ATUM 42XD2 WCM. 06T308	●	42	32	44	171	84	111	60				
ATUM 43XD2 WCM. 06T308	●	43	32	44	173	86	113	60				
ATUM 44XD2 WCM. 06T308	●	44	32	44	175	88	115	60				
ATUM 45XD2 WCM. 080412	●	45	40	54	192	90	122	70	WCM. 080412	4015-M4x11	80-T15	
ATUM 46XD2 WCM. 080412	●	46	40	54	194	92	124	70				
ATUM 47XD2 WCM. 080412	●	47	40	54	196	94	126	70				
ATUM 48XD2 WCM. 080412	●	48	40	54	198	96	128	70				
ATUM 49XD2 WCM. 080412	●	49	40	54	200	98	130	70				
ATUM 50XD2 WCM. 080412	●	50	40	54	202	100	132	70				
ATUM 51XD2 WCM. 080412	●	51	40	54	204	102	134	70				
ATUM 52XD2 WCM. 080412	●	52	40	54	206	104	136	70				
ATUM 53XD2 WCM. 080412	●	53	40	54	208	106	138	70				
ATUM 54XD2 WCM. 080412	●	54	40	54	210	108	140	70				
ATUM 55XD2 WCM. 080412	●	55	40	54	212	110	142	70				
ATUM 56XD2 WCM. 080412	●	56	40	64	214	112	144	70				
ATUM 57XD2 WCM. 080412	●	57	40	64	216	114	146	70				
ATUM 58XD2 WCM. 080412	●	58	40	64	218	116	148	70				
ATUM 59XD2 WCM. 080412	●	59	40	64	220	118	150	70				
ATUM 60XD2 WCM. 080412	●	60	40	64	222	120	152	70				

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 Uygunudur. / Compatiple with ISO Insert. / Kompatibel mit ISO Wendeplatten.

Sipariş Örneği/Ordering Example/Bestellbeispiel

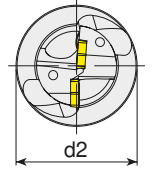
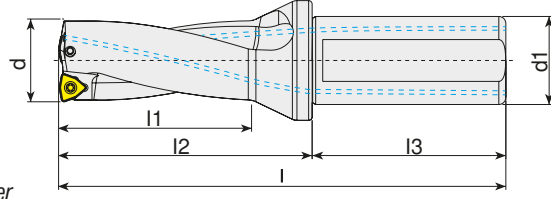
1 ad./pcs./stück ATUM 30xD2 WCM. 06T308

Takma Uçlu Matkap Kullanım Kılavuzu : S 319 / User's Guide For U-Drills : P 319 / S.320 / Bedienungsanleitung für Vollbohrer



Delme Derinliği  
Drilling Depth  
Bohrtiefe

= 3xÇap  
= 3xDiameter  
= 3xDurchmesser



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)							Kesici Uç Insert Wendescheidplatte	Yedek Parçaları / Spare Parts / Ersatzteile	
		d	d <sub>1</sub>	d <sub>2</sub>	l	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel
ATUM 16XD3 WCM. 030208	●	16	25	34	126	48	70	56	WCM. 030208	3008-M2.5x6	80-T08
ATUM 16.5XD3 WCM. 030208	●	16.5	25	34	126	48	70	56			
ATUM 17XD3 WCM. 030208	●	17	25	34	129	51	73	56			
ATUM 17.5XD3 WCM. 030208	●	17.5	25	34	129	51	73	56			
ATUM 18XD3 WCM. 030208	●	18	25	34	132	54	76	56			
ATUM 18.5XD3 WCM. 030208	●	18.5	25	34	132	54	76	56			
ATUM 19XD3 WCM. 030208	●	19	25	34	135	57	79	56			
ATUM 19.5XD3 WCM. 030208	●	19.5	25	34	135	57	79	56			
ATUM 20XD3 WCM. 040208	●	20	25	34	138	60	82	56	WCM. 040208	3008-M2.5x6	80-T08
ATUM 20.5XD3 WCM. 040208	●	20.5	25	34	138	60	82	56			
ATUM 21XD3 WCM. 040208	●	21	25	34	141	63	85	56			
ATUM 21.5XD3 WCM. 040208	●	21.5	25	34	141	63	85	56			
ATUM 22XD3 WCM. 040208	●	22	25	34	144	66	88	56			
ATUM 22.5XD3 WCM. 040208	●	22.5	25	34	144	66	88	56			
ATUM 23XD3 WCM. 040208	●	23	25	34	147	69	91	56			
ATUM 23.5XD3 WCM. 040208	●	23.5	25	34	147	69	91	56			
ATUM 24XD3 WCM. 050308	●	24	25	34	150	72	94	56	WCM. 050308	3008-M3x8	80-T08
ATUM 24.5XD3 WCM. 050308	●	24.5	25	34	150	72	94	56			
ATUM 25XD3 WCM. 050308	●	25	25	34	153	75	97	56			
ATUM 25.5XD3 WCM. 050308	●	25.5	25	34	153	75	97	56			
ATUM 26XD3 WCM. 050308	●	26	25	34	156	78	100	56			
ATUM 26.5XD3 WCM. 050308	●	26.5	25	34	156	78	100	56			
ATUM 27XD3 WCM. 050308	●	27	25	34	159	81	103	56			
ATUM 27.5XD3 WCM. 050308	●	27.5	25	34	159	81	103	56			
ATUM 28XD3 WCM. 050308	●	28	25	34	162	84	106	56	WCM. 06T308	3010-M3.5x9	80-T10
ATUM 28.5XD3 WCM. 050308	●	28.5	25	34	162	84	106	56			
ATUM 29XD3 WCM. 050308	●	29	25	34	165	87	109	56			
ATUM 29.5XD3 WCM. 050308	●	29.5	25	34	165	87	109	56			
ATUM 30XD3 WCM. 06T308	●	30	32	44	177	90	117	60			
ATUM 30.5XD3 WCM. 06T308	●	30.5	32	44	177	90	117	60			
ATUM 31XD3 WCM. 06T308	●	31	32	44	180	93	120	60			
ATUM 31.5XD3 WCM. 06T308	●	31.5	32	44	180	93	120	60			
ATUM 32XD3 WCM. 06T308	●	32	32	44	183	96	123	60			
ATUM 32.5XD3 WCM. 06T308	●	32.5	32	44	183	96	123	60			
ATUM 33XD3 WCM. 06T308	●	33	32	44	186	99	126	60			
ATUM 33.5XD3 WCM. 06T308	●	33.5	32	44	186	99	126	60			
ATUM 34XD3 WCM. 06T308	●	34	32	44	189	102	129	60			
ATUM 34.5XD3 WCM. 06T308	●	34.5	32	44	189	102	129	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 Ucuca Uygunudur. / Compatible with ISO Insert. / Kompatibel mit ISO Wendeplatten.

Sipariş Örneği/Ordering Example/Bestellbeispiel

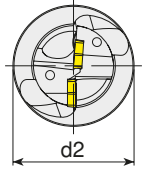
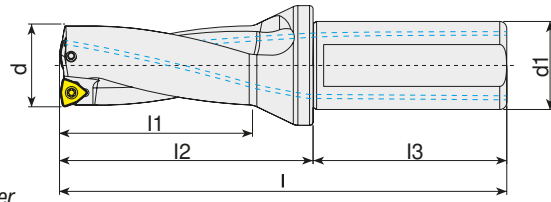
1 ad./pcs./stück ATUM 16XD3 WCM. 030208

Takma Uçlu Matkap Kullanım Kılavuzu : S 319 / User's Guide For U-Drills : P 319  
S.320 / Bedienungsanleitung für Vollbohrer



Delme Derinliği  
Drilling Depth  
Bohrtiefe

= 3xÇap  
= 3xDiameter  
= 3xDurchmesser



**Takım Kodu**  
**Ordering Code**  
**Bestell-Bezeichnung**

Stok  
Stock  
Lager

Takım Ölçüleri (mm)  
Dimension (mm)  
Abmessung (mm)

Kesici Uç  
Insert  
Wendeschneidplatte

Yedek Parçaları / Spare Parts / Ersatzteile

Sıkma Vidası  
Screw  
Schraube

Tork Anahtar  
Torx Key  
Torx-Schlüssel

	d	d <sub>1</sub>	d <sub>2</sub>	l	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>				
ATUM 35XD3 WCM. 06T308	●	35	32	44	192	105	132	60	WCM. 06T308	3010-M3.5x9	80-T10
ATUM 35.5XD3 WCM. 06T308	●	35.5	32	44	192	105	132	60			
ATUM 36XD3 WCM. 06T308	●	36	32	44	195	108	135	60			
ATUM 36.5XD3 WCM. 06T308	●	36.5	32	44	195	108	135	60			
ATUM 37XD3 WCM. 06T308	●	37	32	44	198	111	138	60			
ATUM 37.5XD3 WCM. 06T308	●	37.5	32	44	198	111	138	60			
ATUM 38XD3 WCM. 06T308	●	38	32	44	201	114	141	60			
ATUM 38.5XD3 WCM. 06T308	●	38.5	32	44	201	114	141	60			
ATUM 39XD3 WCM. 06T308	●	39	32	44	204	117	144	60			
ATUM 39.5XD3 WCM. 06T308	●	39.5	32	44	204	117	144	60			
ATUM 40XD3 WCM. 06T308	●	40	32	44	207	120	147	60			
ATUM 40.5XD3 WCM. 06T308	●	40.5	32	44	207	120	147	60			
ATUM 41XD3 WCM. 06T308	●	41	32	44	210	123	150	60			
ATUM 41.5XD3 WCM. 06T308	●	41.5	32	44	210	123	150	60			
ATUM 42XD3 WCM. 06T308	●	42	32	44	213	126	153	60			
ATUM 42.5XD3 WCM. 06T308	●	42.5	32	44	213	126	153	60			
ATUM 43XD3 WCM. 06T308	●	43	32	44	216	129	156	60			
ATUM 43.5XD3 WCM. 06T308	●	43.5	32	44	216	129	156	60			
ATUM 44XD3 WCM. 06T308	●	44	32	44	219	132	159	60			
ATUM 44.5XD3 WCM. 06T308	●	44.5	32	44	219	132	159	60			
ATUM 45XD3 WCM. 080412	●	45	40	54	237	135	167	70	WCM. 080412	4015-M4x11	80-T15
ATUM 45.5XD3 WCM. 080412	●	45.5	40	54	237	135	167	70			
ATUM 46XD3 WCM. 080412	●	46	40	54	240	138	170	70			
ATUM 47XD3 WCM. 080412	●	47	40	54	243	141	173	70			
ATUM 48XD3 WCM. 080412	●	48	40	54	246	144	176	70			
ATUM 49XD3 WCM. 080412	●	49	40	54	249	147	179	70			
ATUM 50XD3 WCM. 080412	●	50	40	54	252	150	182	70			
ATUM 51XD3 WCM. 080412	●	51	40	54	255	153	185	70			
ATUM 52XD3 WCM. 080412	●	52	40	54	258	156	188	70			
ATUM 53XD3 WCM. 080412	●	53	40	54	261	159	191	70			
ATUM 54XD3 WCM. 080412	●	54	40	54	264	162	194	70			
ATUM 55XD3 WCM. 080412	●	55	40	54	267	165	197	70			
ATUM 56XD3 WCM. 080412	●	56	40	64	270	168	200	70			
ATUM 57XD3 WCM. 080412	●	57	40	64	273	171	203	70			
ATUM 58XD3 WCM. 080412	●	58	40	64	276	174	206	70			
ATUM 59XD3 WCM. 080412	●	59	40	64	279	177	209	70			
ATUM 60XD3 WCM. 080412	●	60	40	64	282	180	212	70			

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

● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage  
ISO Ucnuna Uygunudur. / Compatible with ISO Insert. / Kompatibel mit ISO Wendeplatten.

Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück ATUM 35xD3 WCM. 06T308

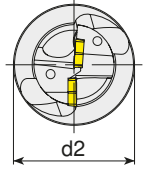
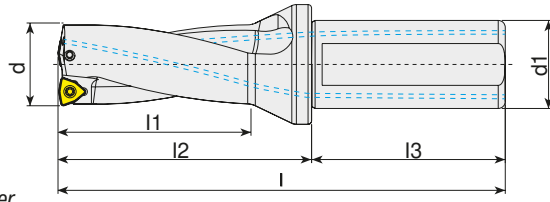
Takma Uçlu Matkap Kullanım Kılavuzu : S 319 / User's Guide For U-Drills : P 319

S.320 / Bedienungsanleitung für Vollbohrer



Delme Derinliği  
Drilling Depth  
Bohrtiefe

= 4xÇap  
= 4xDiameter  
= 4xDurchmesser



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)							Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile	
		d	d <sub>1</sub>	d <sub>2</sub>	l	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel
ATUM 16XD4 WCM. 030208	●	16	25	34	142	64	86	56	WCM. 030208		
ATUM 16.5XD4 WCM. 030208	○	16.5	25	34	142	64	86	56			
ATUM 17XD4 WCM. 030208	●	17	25	34	146	68	90	56			
ATUM 17.5XD4 WCM. 030208	○	17.5	25	34	146	68	90	56			
ATUM 18XD4 WCM. 030208	●	18	25	34	150	72	94	56			
ATUM 18.5XD4 WCM. 030208	○	18.5	25	34	150	72	94	56			
ATUM 19XD4 WCM. 030208	●	19	25	34	154	76	98	56			
ATUM 19.5XD4 WCM. 030208	○	19.5	25	34	154	76	98	56			
ATUM 20XD4 WCM. 040208	●	20	25	34	158	80	102	56	WCM. 040208	3008-M2.5x6	80-T08
ATUM 20.5XD4 WCM. 040208	○	20.5	25	34	158	80	102	56			
ATUM 21XD4 WCM. 040208	●	21	25	34	162	84	106	56			
ATUM 21.5XD4 WCM. 040208	○	21.5	25	34	162	84	106	56			
ATUM 22XD4 WCM. 040208	●	22	25	34	166	88	110	56			
ATUM 22.5XD4 WCM. 040208	●	22.5	25	34	166	88	110	56			
ATUM 23XD4 WCM. 040208	●	23	25	34	170	92	114	56			
ATUM 23.5XD4 WCM. 040208	○	23.5	25	34	170	92	114	56			
ATUM 24XD4 WCM. 050308	●	24	25	34	174	96	118	56	WCM. 050308	3008-M3x8	
ATUM 24.5XD4 WCM. 050308	○	24.5	25	34	174	96	118	56			
ATUM 25XD4 WCM. 050308	●	25	25	34	178	100	122	56			
ATUM 25.5XD4 WCM. 050308	○	25.5	25	34	178	100	122	56			
ATUM 26XD4 WCM. 050308	●	26	25	34	182	104	126	56			
ATUM 26.5XD4 WCM. 050308	●	26.5	25	34	182	104	126	56			
ATUM 27XD4 WCM. 050308	●	27	25	34	186	108	130	56			
ATUM 27.5XD4 WCM. 050308	○	27.5	25	34	186	108	130	56			
ATUM 28XD4 WCM. 050308	●	28	25	34	190	112	134	56			
ATUM 28.5XD4 WCM. 050308	●	28.5	25	34	190	112	134	56			
ATUM 29XD4 WCM. 050308	●	29	25	34	194	116	138	56			
ATUM 29.5XD4 WCM. 050308	○	29.5	25	34	194	116	138	56			

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 319 / User's Guide For U-Drills : P 319

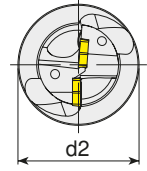
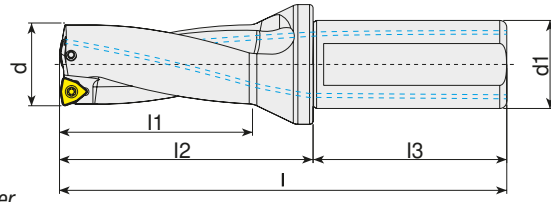
S.320 / Bedienungsanleitung für Vollbohrer





Delme Derinliği  
Drilling Depth  
Bohrtiefe

= 4xÇap  
= 4xDiameter  
= 4xDurchmesser



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)							Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
		d	d <sub>1</sub>	d <sub>2</sub>	l	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	
ATUM 30XD4 WCM. 06T308	●	30	32	44	207	120	147	60	WCM. 06T308	3010-M3.5x9	80-T10	
ATUM 31XD4 WCM. 06T308	●	31	32	44	211	124	151	60				
ATUM 32XD4 WCM. 06T308	●	32	32	44	215	128	155	60				
ATUM 33XD4 WCM. 06T308	●	33	32	44	219	132	159	60				
ATUM 33.5XD4 WCM. 06T308	●	33.5	32	44	219	132	159	60				
ATUM 34XD4 WCM. 06T308	●	34	32	44	223	136	163	60				
ATUM 35XD4 WCM. 06T308	●	35	32	44	227	140	167	60				
ATUM 36XD4 WCM. 06T308	●	36	32	44	231	144	171	60				
ATUM 37XD4 WCM. 06T308	●	37	32	44	235	148	175	60				
ATUM 38XD4 WCM. 06T308	●	38	32	44	239	152	179	60				
ATUM 38.5XD4 WCM. 06T308	●	38.5	32	44	239	152	179	60				
ATUM 39XD4 WCM. 06T308	●	39	32	44	243	156	183	60				
ATUM 40XD4 WCM. 06T308	●	40	32	44	247	160	187	60				
ATUM 41XD4 WCM. 06T308	●	41	32	44	251	164	191	60				
ATUM 42XD4 WCM. 06T308	●	42	32	44	255	168	195	60				
ATUM 43XD4 WCM. 06T308	●	43	32	44	259	172	199	60				
ATUM 44XD4 WCM. 06T308	●	44	32	44	263	176	203	60				
ATUM 45XD4 WCM. 080412	●	45	40	54	282	180	212	70	WCM. 080412	4015-M4x11	80-T15	
ATUM 46XD4 WCM. 080412	●	46	40	54	286	184	216	70				
ATUM 47XD4 WCM. 080412	●	47	40	54	290	188	220	70				
ATUM 48XD4 WCM. 080412	●	48	40	54	294	192	224	70				
ATUM 49XD4 WCM. 080412	●	49	40	54	298	196	228	70				
ATUM 50XD4 WCM. 080412	●	50	40	54	302	200	232	70				

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 Uygunudur. / Compatible with ISO Insert. / Kompatibel mit ISO Wendepplatten.

Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück ATUM 30xD4 WCM. 06T308

Takma Uçlu Matkap Kullanım Kılavuzu : S 319 / User's Guide For U-Drills : P 319

S.320 / Bedienungsanleitung für Vollbohrer

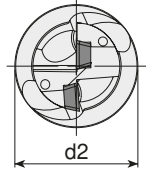
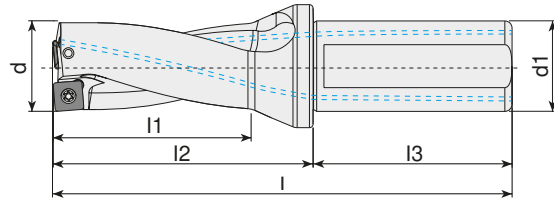






Delme Derinliği  
Drilling Depth  
Bohrtiefe

= 2xÇap  
= 2xDiameter  
= 2xDurchmesser



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)							Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile	
		d	d1	d2	l	l1	l2	l3		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel
ATUM 12.5XD2 SP.. 050204	●	12.5	20	25	96	24	46	50	SP.. 050204	3006-M2x4	80-T06
ATUM 13XD2 SP.. 050204	●	13	20	25	98	26	48	50			
ATUM 13.5XD2 SP.. 050204	●	13.5	20	25	98	26	48	50			
ATUM 14XD2 SP.. 050204	●	14	20	25	100	28	50	50			
ATUM 14.5XD2 SP.. 050204	●	14.5	20	25	100	28	50	50			
ATUM 15XD2 SP.. 050204	●	15	20	25	102	30	52	50			
ATUM 15.5XD2 SP.. 060204	●	15.5	20	25	102	30	52	50	SP.. 060204	3007-M2.2x5	80-T07
ATUM 16XD2 SP.. 060204	●	16	25	34	110	32	54	56			
ATUM 16.5XD2 SP.. 060204	●	16.5	25	34	110	32	54	56			
ATUM 17XD2 SP.. 060204	●	17	25	34	112	34	56	56			
ATUM 17.5XD2 SP.. 060204	●	17.5	25	34	112	34	56	56			
ATUM 18XD2 SP.. 060204	●	18	25	34	114	36	58	56			
ATUM 18.5XD2 SP.. 060204	●	18.5	25	34	114	36	58	56			
ATUM 19XD2 SP.. 060204	●	19	25	34	116	38	60	56			
ATUM 19.5XD2 SP.. 060204	●	19.5	25	34	116	38	60	56			
ATUM 20XD2 SP.. 060204	●	20	25	34	118	40	62	56			
ATUM 20.5XD2 SP.. 060204	●	20.5	25	34	118	40	62	56			
ATUM 21XD2 SP.. 060204	●	21	25	34	120	42	64	56			
ATUM 21.5XD2 SP.. 060204	●	21.5	25	34	120	42	64	56			
ATUM 22XD2 SP.. 07T308	●	22	25	34	122	44	66	56	SP.. 07T308	3008-M2.5x6	80-T08
ATUM 22.5XD2 SP.. 07T308	●	22.5	25	34	122	44	66	56			
ATUM 23XD2 SP.. 07T308	●	23	25	34	124	46	68	56			
ATUM 23.5XD2 SP.. 07T308	●	23.5	25	34	124	46	68	56			
ATUM 24XD2 SP.. 07T308	●	24	25	34	126	48	70	56			
ATUM 24.5XD2 SP.. 07T308	●	24.5	25	34	126	48	70	56			
ATUM 25XD2 SP.. 07T308	●	25	25	34	128	50	72	56			
ATUM 25.5XD2 SP.. 07T308	●	25.5	25	34	128	50	72	56			
ATUM 26XD2 SP.. 07T308	●	26	25	34	130	52	74	56			
ATUM 26.5XD2 SP.. 07T308	●	26.5	25	34	130	52	74	56			
ATUM 27XD2 SP.. 07T308	●	27	25	34	132	54	76	56			
ATUM 27.5XD2 SP.. 07T308	●	27.5	25	34	132	54	76	56			

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

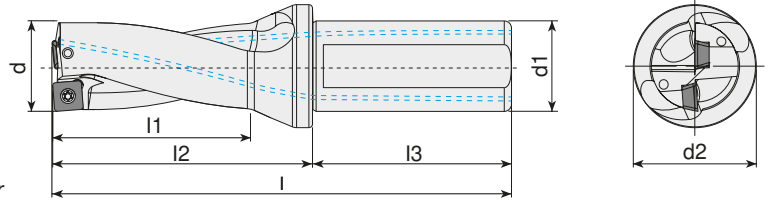
Takma Uçlu Matkap Kullanım Kılavuzu : S 319 / User's Guide For U-Drills : P 319

S.320 / Bedienungsanleitung für Vollbohrer



Delme Derinliği  
Drilling Depth  
Bohrtiefe

= 2xÇap  
= 2xDiameter  
= 2xDurchmesser



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)							Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile	
		d	d <sub>1</sub>	d <sub>2</sub>	l	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel
ATUM 28XD2 SP.. 090408	●	28	25	34	134	56	78	56	SP.. 090408	4015-M3.5x9	80-T15
ATUM 28.5XD2 SP.. 090408	●	28.5	25	34	134	56	78	56			
ATUM 29XD2 SP.. 090408	●	29	25	34	136	58	80	56			
ATUM 29.5XD2 SP.. 090408	●	29.5	25	34	136	58	80	56			
ATUM 30XD2 SP.. 090408	●	30	32	44	147	60	87	60			
ATUM 31XD2 SP.. 090408	●	31	32	44	149	62	89	60			
ATUM 32XD2 SP.. 090408	●	32	32	44	151	64	91	60			
ATUM 33XD2 SP.. 090408	●	33	32	44	153	66	93	60			
ATUM 34XD2 SP.. 110408	●	34	32	44	155	68	95	60	SP.. 110408	4015-M4x11	80-T15
ATUM 35XD2 SP.. 110408	●	35	32	44	157	70	97	60			
ATUM 36XD2 SP.. 110408	●	36	32	44	159	72	99	60			
ATUM 37XD2 SP.. 110408	●	37	32	44	161	74	101	60			
ATUM 38XD2 SP.. 110408	●	38	32	44	163	76	103	60			
ATUM 39XD2 SP.. 110408	●	39	32	44	165	78	105	60			
ATUM 40XD2 SP.. 110408	●	40	32	44	167	80	107	60			
ATUM 41XD2 SP.. 110408	●	41	32	44	169	82	109	60			
ATUM 42XD2 SP.. 140512	●	42	32	44	171	84	111	60	SP.. 140512	1020-M5x11	80-T20
ATUM 43XD2 SP.. 140512	●	43	32	44	173	86	113	60			
ATUM 44XD2 SP.. 140512	●	44	32	44	175	88	115	60			
ATUM 45XD2 SP.. 140512	●	45	40	54	192	90	122	70			
ATUM 46XD2 SP.. 140512	●	46	40	54	194	92	124	70			
ATUM 47XD2 SP.. 140512	●	47	40	54	196	94	126	70			
ATUM 48XD2 SP.. 140512	●	48	40	54	198	96	128	70			
ATUM 49XD2 SP.. 140512	●	49	40	54	200	98	130	70			
ATUM 50XD2 SP.. 140512	●	50	40	54	202	100	132	70			

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.

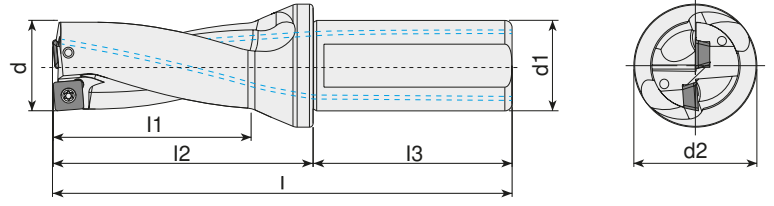
Sipariş Örneği/Ordering Example/Bestellbeispiel  
1 ad./pcs./stück ATUM 28XD2 SP.. 090408

Takma Uçlu Matkap Kullanım Kılavuzu : S 319 / User's Guide For U-Drills : P 319  
S.320 / Bedienungsanleitung für Vollbohrer



Delme Derinliği  
Drilling Depth  
Bohrtiefe

= 3xÇap  
= 3xDiameter  
= 3xDurchmesser



Takım Kodu  
Ordering Code  
Bestell-Bezeichnung

Stok  
Stock  
Lager

Takım Ölçüleri (mm)  
Dimension (mm)  
Abmessung (mm)

Kesici Uç  
Insert  
Wendeschneidplatte

Yedek Parçaları / Spare Parts / Ersatzteile

Sıkma Vidası  
Screw  
Schraube

Tork Anahtar  
Torx Key  
Torx-Schlüssel

Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)							Kesici Uç Insert Wendeschneidplatte	Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel
		d	d1	d2	l	l1	l2	l3			
ATUM 12.5XD3 SP.. 050204	●	12.5	20	25	108	36	58	50	SP.. 050204	3006-M2x4	80-T06
ATUM 13XD3 SP.. 050204	●	13	20	25	111	39	61	50			
ATUM 13.5XD3 SP.. 050204	●	13.5	20	25	111	39	61	50			
ATUM 14XD3 SP.. 050204	●	14	20	25	114	42	64	50			
ATUM 14.5XD3 SP.. 050204	●	14.5	20	25	114	42	64	50			
ATUM 15XD3 SP.. 050204	●	15	20	25	117	45	67	50			
ATUM 15.5XD3 SP.. 060204	●	15.5	20	25	117	45	67	50	SP.. 060204	3007-M2.2x5	80-T07
ATUM 16XD3 SP.. 060204	●	16	25	34	126	48	70	56			
ATUM 16.5XD3 SP.. 060204	●	16.5	25	34	126	48	70	56			
ATUM 17XD3 SP.. 060204	●	17	25	34	129	51	73	56			
ATUM 17.5XD3 SP.. 060204	●	17.5	25	34	129	51	73	56			
ATUM 18XD3 SP.. 060204	●	18	25	34	132	54	76	56			
ATUM 18.5XD3 SP.. 060204	●	18.5	25	34	132	54	76	56			
ATUM 19XD3 SP.. 060204	●	19	25	34	135	57	79	56			
ATUM 19.5XD3 SP.. 060204	●	19.5	25	34	135	57	79	56			
ATUM 20XD3 SP.. 060204	●	20	25	34	138	60	82	56			
ATUM 20.5XD3 SP.. 060204	●	20.5	25	34	138	60	82	56			
ATUM 21XD3 SP.. 060204	●	21	25	34	141	63	85	56			
ATUM 21.5XD3 SP.. 060204	●	21.5	25	34	141	63	85	56			
ATUM 22XD3 SP.. 07T308	●	22	25	34	144	66	88	56			
ATUM 22.5XD3 SP.. 07T308	●	22.5	25	34	144	66	88	56			
ATUM 23XD3 SP.. 07T308	●	23	25	34	147	69	91	56			
ATUM 23.5XD3 SP.. 07T308	●	23.5	25	34	147	69	91	56			
ATUM 24XD3 SP.. 07T308	●	24	25	34	150	72	94	56			
ATUM 24.5XD3 SP.. 07T308	●	24.5	25	34	150	72	94	56			
ATUM 25XD3 SP.. 07T308	●	25	25	34	153	75	97	56			
ATUM 25.5XD3 SP.. 07T308	●	25.5	25	34	153	75	97	56			
ATUM 26XD3 SP.. 07T308	●	26	25	34	156	78	100	56			
ATUM 26.5XD3 SP.. 07T308	●	26.5	25	34	156	78	100	56			
ATUM 27XD3 SP.. 07T308	●	27	25	34	159	81	103	56	SP.. 090408	4015-M3.5x9	80-T15
ATUM 27.5XD3 SP.. 07T308	●	27.5	25	34	159	81	103	56			
ATUM 28XD3 SP.. 090408	●	28	25	34	162	84	106	56			
ATUM 28.5XD3 SP.. 090408	●	28.5	25	34	162	84	106	56			
ATUM 29XD3 SP.. 090408	●	29	25	34	165	87	109	56			
ATUM 29.5XD3 SP.. 090408	●	29.5	25	34	165	87	109	56			
ATUM 30XD3 SP.. 090408	●	30	32	44	177	90	117	60			
ATUM 30.5XD3 SP.. 090408	●	30.5	32	44	177	90	117	60			
ATUM 31XD3 SP.. 090408	●	31	32	44	180	93	120	60			
ATUM 31.5XD3 SP.. 090408	●	31.5	32	44	180	93	120	60			
ATUM 32XD3 SP.. 090408	●	32	32	44	183	96	123	60			
ATUM 32.5XD3 SP.. 090408	●	32.5	32	44	183	96	123	60			
ATUM 33XD3 SP.. 090408	●	33	32	44	186	99	126	60			
ATUM 33.5XD3 SP.. 090408	●	33.5	32	44	186	99	126	60			

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

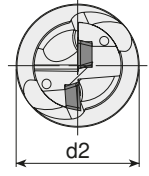
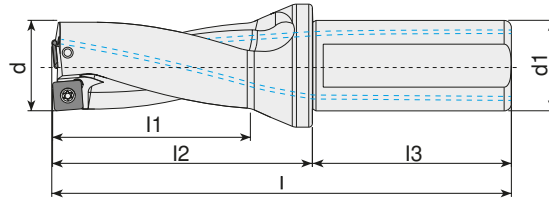
1 ad./pcs./stück ATUM 12.5xD3 SP.. 050204

Takma Uçlu Matkap Kullanım Kılavuzu : S 319 / User's Guide For U-Drills : P 319  
S.320 / Bedienungsanleitung für Vollbohrer



Delme Derinliği  
Drilling Depth  
Bohrtiefe

= 3xÇap  
= 3xDiameter  
= 3xDurchmesser



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)							Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile	
		d	d1	d2	l	l1	l2	l3		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel
ATUM 34XD3 SP.. 110408	●	34	32	44	189	102	129	60	SP.. 110408	4015-M4x11	80-T15
ATUM 34.5XD3 SP.. 110408	●	34.5	32	44	189	102	129	60			
ATUM 35XD3 SP.. 110408	●	35	32	44	192	105	132	60			
ATUM 35.5XD3 SP.. 110408	●	35.5	32	44	192	105	132	60			
ATUM 36XD3 SP.. 110408	●	36	32	44	195	108	135	60			
ATUM 36.5XD3 SP.. 110408	●	36.5	32	44	195	108	135	60			
ATUM 37XD3 SP.. 110408	●	37	32	44	198	111	138	60			
ATUM 37.5XD3 SP.. 110408	●	37.5	32	44	198	111	138	60			
ATUM 38XD3 SP.. 110408	●	38	32	44	201	114	141	60			
ATUM 38.5XD3 SP.. 110408	●	38.5	32	44	201	114	141	60			
ATUM 39XD3 SP.. 110408	●	39	32	44	204	117	144	60			
ATUM 39.5XD3 SP.. 110408	●	39.5	32	44	204	117	144	60			
ATUM 40XD3 SP.. 110408	●	40	32	44	207	120	147	60			
ATUM 40.5XD3 SP.. 110408	●	40.5	32	44	207	120	147	60			
ATUM 41XD3 SP.. 110408	●	41	32	44	210	123	150	60			
ATUM 41.5XD3 SP.. 110408	●	41.5	32	44	210	123	150	60			
ATUM 42XD3 SP.. 140512	●	42	32	44	213	126	153	60			
ATUM 42.5XD3 SP.. 140512	●	42.5	32	44	213	126	153	60			
ATUM 43XD3 SP.. 140512	●	43	32	44	216	129	156	60			
ATUM 43.5XD3 SP.. 140512	●	43.5	32	44	216	129	156	60			
ATUM 44XD3 SP.. 140512	●	44	32	44	219	132	159	60			
ATUM 44.5XD3 SP.. 140512	●	44.5	32	44	219	132	159	60			
ATUM 45XD3 SP.. 140512	●	45	40	54	237	135	167	70			
ATUM 45.5XD3 SP.. 140512	●	45.5	40	54	237	135	167	70			
ATUM 46XD3 SP.. 140512	●	46	40	54	240	138	170	70			
ATUM 47XD3 SP.. 140512	●	47	40	54	243	141	173	70			
ATUM 48XD3 SP.. 140512	●	48	40	54	246	144	176	70			
ATUM 49XD3 SP.. 140512	●	49	40	54	249	147	179	70			
ATUM 50XD3 SP.. 140512	●	50	40	54	252	150	182	70			
ATUM 51XD3 SP.. 140512	●	51	40	54	255	153	185	70			
ATUM 52XD3 SP.. 140512	●	52	40	54	258	156	188	70			

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.

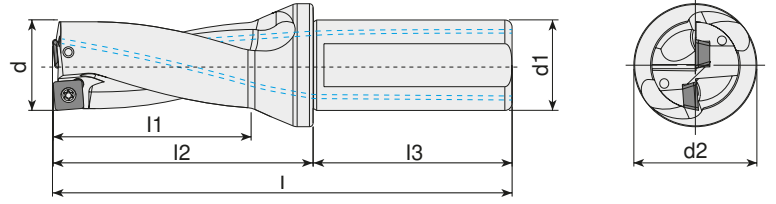
Sipariş Örneği/Ordering Example/Bestellbeispiel  
1 ad./pcs./stück ATUM 34xD3 SP.. 110408

Takma Uçlu Matkap Kullanım Kılavuzu : S 319 / User's Guide For U-Drills : P 319  
S.320 / Bedienungsanleitung für Vollbohrer



Delme Derinliği  
Drilling Depth  
Bohrtiefe

= 4xÇap  
= 4xDiameter  
= 4xDurchmesser



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)							Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile	
		d	d1	d2	l	l1	l2	l3		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel
ATUM 13XD4 SP.. 050204	●	13	20	25	124	52	74	50	SP.. 050204	3006-M2x4	80-T06
ATUM 14XD4 SP.. 050204	●	14	20	25	128	56	78	50			
ATUM 15XD4 SP.. 050204	●	15	20	25	132	60	82	50			
ATUM 16XD4 SP.. 060204	●	16	25	34	142	64	86	56	SP.. 060204	3007-M2.2x5	80-T07
ATUM 17XD4 SP.. 060204	●	17	25	34	146	68	90	56			
ATUM 17.5XD4 SP.. 060204	●	17	25	34	146	68	90	56			
ATUM 18XD4 SP.. 060204	●	18	25	34	150	72	94	56			
ATUM 19XD4 SP.. 060204	●	19	25	34	154	76	98	56			
ATUM 19.5XD4 SP.. 060204	●	19.5	25	34	154	76	98	56			
ATUM 20XD4 SP.. 060204	●	20	25	34	158	80	102	56			
ATUM 21XD4 SP.. 060204	●	21	25	34	162	84	106	56	SP.. 07T308	3008-M2.5x6	80-T08
ATUM 22XD4 SP.. 07T308	●	22	25	34	166	88	110	56			
ATUM 23XD4 SP.. 07T308	●	23	25	34	170	92	114	56			
ATUM 23.5XD4 SP.. 07T308	●	23.5	25	34	170	92	114	56			
ATUM 24XD4 SP.. 07T308	●	24	25	34	174	96	118	56			
ATUM 25XD4 SP.. 07T308	●	25	25	34	178	100	122	56			
ATUM 26XD4 SP.. 07T308	●	26	25	34	182	104	126	56			
ATUM 27XD4 SP.. 07T308	●	27	25	34	186	108	130	56	SP.. 090408	4015-M3.5x9	80-T15
ATUM 27.5XD4 SP.. 07T308	●	27.5	25	34	186	108	130	56			
ATUM 28XD4 SP.. 090408	●	28	25	34	190	112	134	56			
ATUM 29XD4 SP.. 090408	●	29	25	34	194	116	138	56			
ATUM 30XD4 SP.. 090408	●	30	32	44	207	120	147	60			
ATUM 31XD4 SP.. 090408	●	31	32	44	211	124	151	60			
ATUM 32XD4 SP.. 090408	●	32	32	44	215	128	155	60			
ATUM 33XD4 SP.. 090408	●	33	32	44	219	132	159	60	SP.. 110408	4015-M4x11	80-T15
ATUM 33.5XD4 SP.. 090408	●	33.5	32	44	219	132	159	60			
ATUM 34XD4 SP.. 110408	●	34	32	44	223	136	163	60			
ATUM 35XD4 SP.. 110408	●	35	32	44	227	140	167	60			
ATUM 36XD4 SP.. 110408	●	36	32	44	231	144	171	60			
ATUM 37XD4 SP.. 110408	●	37	32	44	235	148	175	60			
ATUM 38XD4 SP.. 110408	●	38	32	44	239	152	179	60			
ATUM 39XD4 SP.. 110408	●	39	32	44	243	156	183	60	SP.. 140512	1020-M5x11	80-T20
ATUM 40XD4 SP.. 110408	●	40	32	44	247	160	187	60			
ATUM 41XD4 SP.. 110408	●	41	32	44	251	164	191	60			
ATUM 42XD4 SP.. 140512	●	42	32	44	255	168	195	60	SP.. 140512	1020-M5x11	80-T20
ATUM 43XD4 SP.. 140512	●	43	32	44	259	172	199	60			
ATUM 44XD4 SP.. 140512	●	44	32	44	263	176	203	60			

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 Uygunudur. / 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 319 / User's Guide For U-Drills : P 319

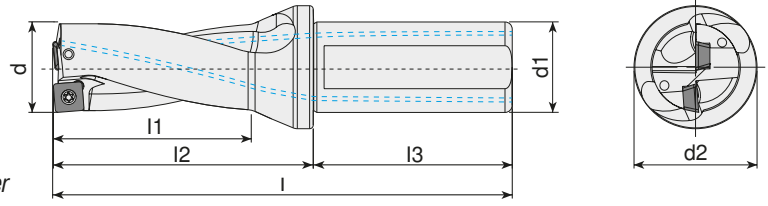
S.320 / Bedienungsanleitung für Vollbohrer





Delme Derinliği  
Drilling Depth  
Bohrtiefe

= 2xÇap  
= 2xDiameter  
= 2xDurchmesser



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)							Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile	
		d	d1	d2	l	l1	l2	l3		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel
ATUM 12.5XD2 SPGT 050204	○	12.5	20	25	96	24	46	50	SPGT 050204	3006-M2x4	80-T06
ATUM 13XD2 SPGT 050204	●	13	20	25	98	26	48	50			
ATUM 13.5XD2 SPGT 050204	●	13.5	20	25	98	26	48	50			
ATUM 14XD2 SPGT 050204	●	14	20	25	100	28	50	50			
ATUM 15XD2 SPGT 050204	●	15	20	25	102	30	52	50	SPGT 060204	3007-M2.2x5	80-T07
ATUM 16XD2 SPGT 060204	●	16	25	34	110	32	54	56			
ATUM 16.5XD2 SPGT 060204	●	16.5	25	34	110	32	54	56			
ATUM 17XD2 SPGT 060204	●	17	25	34	112	34	56	56			
ATUM 17.5XD2 SPGT 060204	●	17.5	25	34	112	34	56	56			
ATUM 18XD2 SPGT 060204	●	18	25	34	114	36	58	56			
ATUM 19XD2 SPGT 060204	●	19	25	34	116	38	60	56			
ATUM 20XD2 SPGT 060204	●	20	25	34	118	40	62	56			
ATUM 22XD2 SPGT 07T308	●	22	25	34	122	44	66	56	SPGT 07T308	3008-M2.5x6	80-T08
ATUM 22.5XD2 SPGT 07T308	●	22.5	25	34	122	44	66	56			
ATUM 23XD2 SPGT 07T308	●	23	25	34	124	46	68	56			
ATUM 24XD2 SPGT 07T308	●	24	25	34	126	48	70	56			
ATUM 25XD2 SPGT 07T308	●	25	25	34	128	50	72	56	SPGT 090408	4015-M3.5x9	80-T15
ATUM 26XD2 SPGT 07T308	●	26	25	34	130	52	74	56			
ATUM 28XD2 SPGT 090408	●	28	25	34	134	56	78	56	SPGT 110408	4015-M4x11	80-T15
ATUM 29XD2 SPGT 090408	●	29	25	34	136	58	80	56			
ATUM 30XD2 SPGT 090408	●	30	32	44	147	60	87	60			
ATUM 32XD2 SPGT 090408	●	32	32	44	151	64	91	60	SPGT 110408	4015-M4x11	80-T15
ATUM 35XD2 SPGT 110408	●	35	32	44	157	70	97	60			
ATUM 36XD2 SPGT 110408	●	36	32	44	159	72	99	60			
ATUM 40XD2 SPGT 110408	●	40	32	44	167	80	107	60			

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 Uygunudur. / Compatible with ZCC Insert. / Kompatibel mit ZCC Wendeplatten.

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

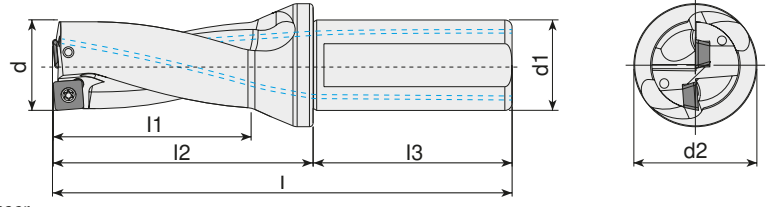
Takma Uçlu Matkap Kullanım Kılavuzu : S 319 / User's Guide For U-Drills : P 319  
S.320 / Bedienungsanleitung für Vollbohrer





Delme Derinliği  
Drilling Depth  
Bohrtiefe

= 3xÇap  
= 3xDiameter  
= 3xDurchmesser



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)							Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile	
		d	d1	d2	l	l1	l2	l3		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel
ATUM 12.5XD3 SPGT 050204	●	12.5	20	25	108	36	58	50	SPGT 050204	3006-M2x4	80-T06
ATUM 13XD3 SPGT 050204	●	13	20	25	111	39	61	50			
ATUM 13.5XD3 SPGT 050204	●	13.5	20	25	111	39	61	50			
ATUM 14XD3 SPGT 050204	●	14	20	25	114	42	64	50			
ATUM 14.5XD3 SPGT 050204	●	14.5	20	25	114	42	64	50			
ATUM 15XD3 SPGT 050204	●	15	20	25	117	45	67	50	SPGT 060204	3007-M2.2x5	80-T07
ATUM 15.5XD3 SPGT 060204	●	15.5	20	25	117	45	67	50			
ATUM 16XD3 SPGT 060204	●	16	25	34	126	48	70	56			
ATUM 16.5XD3 SPGT 060204	●	16.5	25	34	126	48	70	56			
ATUM 17XD3 SPGT 060204	●	17	25	34	129	51	73	56			
ATUM 17.5XD3 SPGT 060204	●	17.5	25	34	129	51	73	56			
ATUM 18XD3 SPGT 060204	●	18	25	34	132	54	76	56			
ATUM 18.5XD3 SPGT 060204	●	18.5	25	34	132	54	76	56			
ATUM 19XD3 SPGT 060204	●	19	25	34	135	57	79	56			
ATUM 19.5XD3 SPGT 060204	●	19.5	25	34	135	57	79	56			
ATUM 20XD3 SPGT 060204	●	20	25	34	138	60	82	56	SPGT 07T308	3008-M2.5x6	80-T08
ATUM 20.5XD3 SPGT 060204	●	20.5	25	34	138	60	82	56			
ATUM 21XD3 SPGT 060204	●	21	25	34	141	63	85	56			
ATUM 21.5XD3 SPGT 060204	●	21.5	25	34	141	63	85	56			
ATUM 22XD3 SPGT 07T308	●	22	25	34	144	66	88	56			
ATUM 22.5XD3 SPGT 07T308	●	22.5	25	34	144	66	88	56			
ATUM 23XD3 SPGT 07T308	●	23	25	34	147	69	91	56			
ATUM 23.5XD3 SPGT 07T308	●	23.5	25	34	147	69	91	56			
ATUM 24XD3 SPGT 07T308	●	24	25	34	150	72	94	56			
ATUM 24.5XD3 SPGT 07T308	●	24.5	25	34	150	72	94	56			
ATUM 25XD3 SPGT 07T308	●	25	25	34	153	75	97	56	SPGT 090408	4015-M3.5x9	80-T15
ATUM 25.5XD3 SPGT 07T308	●	25.5	25	34	153	75	97	56			
ATUM 26XD3 SPGT 07T308	●	26	25	34	156	78	100	56			
ATUM 26.5XD3 SPGT 07T308	●	26.5	25	34	156	78	100	56			
ATUM 27XD3 SPGT 07T308	●	27	25	34	159	81	103	56			
ATUM 27.5XD3 SPGT 07T308	●	27.5	25	34	159	81	103	56			
ATUM 28XD3 SPGT 090408	●	28	25	34	162	84	106	56			
ATUM 28.5XD3 SPGT 090408	●	28.5	25	34	162	84	106	56			
ATUM 29XD3 SPGT 090408	●	29	25	34	165	87	109	56			
ATUM 29.5XD3 SPGT 090408	●	29.5	25	34	165	87	109	56			
ATUM 30XD3 SPGT 090408	●	30	32	44	177	90	117	60			
ATUM 31XD3 SPGT 090408	●	31	32	44	180	93	120	60			
ATUM 32XD3 SPGT 090408	●	32	32	44	183	96	123	60			
ATUM 33XD3 SPGT 090408	●	33	32	44	186	99	126	60			

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 Uygun. / Compatible with ZCC Insert. / Kompatibel mit ZCC Wendeplatten.

Sipariş Örneği/Ordering Example/Bestellbeispiel

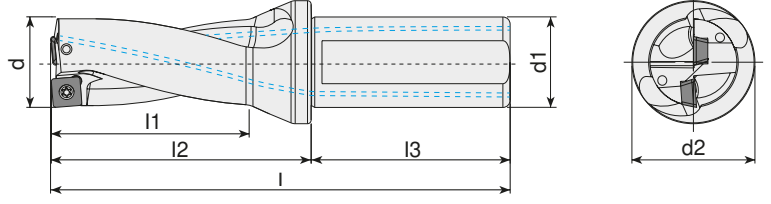
1 ad./pcs./stück ATUM 12.5XD3 SPGT 050204

Takma Uçlu Matkap Kullanım Kılavuzu : S 319 / User's Guide For U-Drills : P 319

S.320 / Bedienungsanleitung für Vollbohrer



Delme Derinliği  
Drilling Depth  
Bohrtiefe  
= 3xÇap  
= 3xDiameter  
= 3xDurchmesser



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)							Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile	
		d	d1	d2	l	l1	l2	l3		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel
ATUM 34XD3 SPGT 110408	●	34	32	44	189	102	129	60	SPGT 110408	4015-M4x11	80-T15
ATUM 35XD3 SPGT 110408	●	35	32	44	192	105	132	60			
ATUM 37XD3 SPGT 110408	●	37	32	44	198	111	138	60			
ATUM 38XD3 SPGT 110408	●	38	32	44	201	114	141	60			
ATUM 39XD3 SPGT 110408	●	39	32	44	204	117	144	60			
ATUM 40XD3 SPGT 110408	●	40	32	44	207	120	147	60			
ATUM 42XD3 SPGT 140512	●	42	32	44	213	126	153	60	SPGT 140512	1020-M5x11	80-T20
ATUM 43XD3 SPGT 140512	●	43	32	44	216	129	156	60			
ATUM 44XD3 SPGT 140512	●	44	32	44	219	132	159	60			
ATUM 49XD3 SPGT 140512	●	49	40	54	249	147	179	70			
ATUM 50XD3 SPGT 140512	●	50	40	54	252	150	182	70			

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 Uygun. / Compatible with ZCC Insert. / Kompatibel mit ZCC Wendeschneidplatten.

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

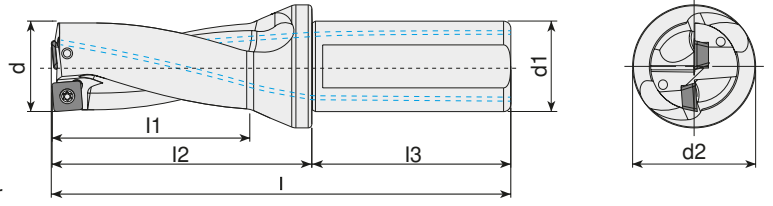
Takma Uçlu Matkap Kullanım Kılavuzu : S 319 / User's Guide For U-Drills : P 319  
S.320 / Bedienungsanleitung für Vollbohrer





Delme Derinliği  
Drilling Depth  
Bohrtiefe

= 4xÇap  
= 4xDiameter  
= 4xDurchmesser



Takım Kodu  
Ordering Code  
Bestell-Bezeichnung

Stok  
Stock  
Lager

Takım Ölçüleri (mm)  
Dimension (mm)  
Abmessung (mm)

Kesici Uç  
Insert  
Wendeschneidplatte

Yedek Parçaları / Spare Parts / Ersatzteile

Sıkma Vidası  
Screw  
Schraube

Tork Anahtar  
Torx Key  
Torx-Schlüssel

Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)							Kesici Uç Insert Wendeschneidplatte	Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel
		d	d1	d2	l	l1	l2	l3			
ATUM 13XD4 SPGT 050204	●	13	20	25	124	52	74	50	SPGT 050204	3006-M2x4	80-T06
ATUM 14XD4 SPGT 050204	●	14	20	25	128	56	78	50			
ATUM 15XD4 SPGT 050204	●	15	20	25	132	60	82	50			
ATUM 16XD4 SPGT 060204	●	16	25	34	142	64	86	56			
ATUM 17XD4 SPGT 060204	●	17	25	34	146	68	90	56	SPGT 060204	3007-M2.2x5	80-T07
ATUM 17.5XD4 SPGT 060204	●	17.5	25	34	146	68	90	56			
ATUM 18XD4 SPGT 060204	●	18	25	34	150	72	94	56			
ATUM 19XD4 SPGT 060204	●	19	25	34	154	76	98	56			
ATUM 19.5XD4 SPGT 060204	●	19.5	25	34	154	76	98	56			
ATUM 20XD4 SPGT 060204	●	20	25	34	158	80	102	56			
ATUM 21XD4 SPGT 060204	●	21	25	34	162	84	106	56			
ATUM 22XD4 SPGT 07T308	●	22	25	34	166	88	110	56	SPGT 07T308	3008-M2.5x6	80-T08
ATUM 23XD4 SPGT 07T308	●	23	25	34	170	92	114	56			
ATUM 23.5XD4 SPGT 07T308	●	23.5	25	34	170	92	114	56			
ATUM 24XD4 SPGT 07T308	●	24	25	34	174	96	118	56			
ATUM 25XD4 SPGT 07T308	●	25	25	34	178	100	122	56			
ATUM 26XD4 SPGT 07T308	●	26	25	34	182	104	126	56			
ATUM 27.5XD4 SPGT 07T308	●	27.5	25	34	186	108	130	56	SPGT 090408	4015-M3.5x9	80-T15
ATUM 28XD4 SPGT 090408	●	28	25	34	190	112	134	56			
ATUM 29XD4 SPGT 090408	●	29	25	34	194	116	138	56			
ATUM 30XD4 SPGT 090408	●	30	32	44	207	120	147	60	SPGT 110408	4015-M4x11	80-T15
ATUM 33.5XD4 SPGT 090408	●	33.5	32	44	219	132	159	60			
ATUM 38XD4 SPGT 110408	●	38	32	44	239	152	179	60			

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

● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage  
ZCC Ucuna Uygundur. / Compatible with ZCC Insert. / Kompatibel mit ZCC Wendeplatten.

Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück ATUM 13XD4 SPGT 050204

Takma Uçlu Matkap Kullanım Kılavuzu : S 319 / User's Guide For U-Drills : P 319  
S.320 / Bedienungsanleitung für Vollbohrer

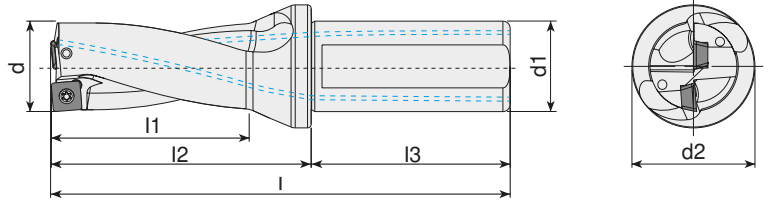






Delme Derinliği  
Drilling Depth  
Bohrtiefe

= 3xÇap  
= 3xDiameter  
= 3xDurchmesser



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)							Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile	
		d	d1	d2	l	l1	l2	l3		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel
ATUM 14XD3 SO.. 050204	●	14	20	25	114	42	64	50	SO.. 050204	3006-M2x4	80-T06
ATUM 15XD3 SO.. 050204	●	15	20	25	117	45	67	50			
ATUM 16XD3 SO.. 050204	●	16	25	34	126	48	70	56			
ATUM 16.5XD3 SO.. 050204	●	16.5	25	34	126	48	70	56			
ATUM 17XD3 SO.. 050204	●	17	25	34	129	51	73	56			
ATUM 17.5XD3 SO.. 050204	●	17.5	25	34	129	51	73	56	SO.. 060304	3007-M2.2x5	80-T07
ATUM 18XD3 SO.. 060304	●	18	25	34	132	54	76	56			
ATUM 19XD3 SO.. 060204	●	19	25	34	135	57	79	56			
ATUM 20XD3 SO.. 060304	●	20	25	34	138	60	82	56			
ATUM 22XD3 SO.. 070305	●	22	25	34	144	66	88	56			
ATUM 22.5XD3 SO.. 070305	●	22.5	25	34	144	66	88	56	SO.. 070305	3008-M2.5x6	80-T08
ATUM 23XD3 SO.. 070305	●	23	25	34	147	69	91	56			
ATUM 24XD3 SO.. 070305	●	24	25	34	150	72	94	56			
ATUM 25XD3 SO.. 09T306	●	25	25	34	153	75	97	56			
ATUM 26XD3 SO.. 09T306	●	26	25	34	156	78	100	56			
ATUM 27XD3 SO.. 09T306	●	27	25	34	159	81	103	56	SO.. 09T306	4010-M3x8	80-T10
ATUM 29XD3 SO.. 09T306	●	29	25	34	174	87	114	56			
ATUM 30XD3 SO.. 09T306	●	30	32	44	177	90	117	60			
ATUM 31XD3 SO.. 09T306	●	31	32	44	200	93	120	60			
ATUM 33XD3 SO.. 09T306	●	33	32	44	186	99	126	60			
ATUM 35XD3 SO.. 120408	●	35	32	44	192	105	132	60	SO..120408	4015-M4X11	80-T15
ATUM 36XD3 SO.. 120408	●	36	32	44	195	108	135	60			
ATUM 37XD3 SO.. 120408	●	37	32	44	198	111	138	60			
ATUM 38XD3 SO.. 120408	●	38	32	44	201	114	141	60			
ATUM 39XD3 SO.. 120408	●	39	32	44	204	117	144	60			
ATUM 40XD3 SO.. 120408	●	40	32	44	207	120	147	60			
ATUM 43XD3 SO.. 120408	●	43	32	44	216	129	156	60			

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 Uygunudur. / Compatible with ISCR Insert. / Kompatibel mit ISCR Wendepplatten.

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

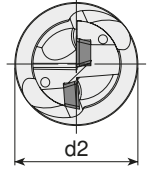
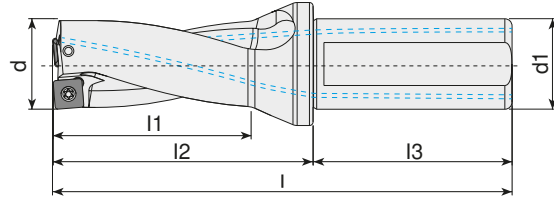
Takma Uçlu Matkap Kullanım Kılavuzu : S 319 / User's Guide For U-Drills : P 319  
S.320 / Bedienungsanleitung für Vollbohrer





Delme Derinliği  
Drilling Depth  
Bohrtiefe

= 4xÇap  
= 4xDiameter  
= 4xDurchmesser



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)							Kesici Uç Insert Wendescheidplatte	Yedek Parçaları / Spare Parts / Ersatzteile	
		d	d1	d2	l	l1	l2	l3		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel
ATUM 14XD4 SO.. 050204	●	14	20	25	128	56	78	50	SO.. 050204	3006-M2x4	80-T06
ATUM 14.5XD4 SO.. 050204	●	14.5	20	25	128	56	78	50			
ATUM 15XD4 SO.. 050204	●	15	20	25	132	60	62	50			
ATUM 15.5XD4 SO.. 050204	●	15.5	20	25	132	60	82	50			
ATUM 17XD4 SO.. 050204	●	17	25	34	146	68	90	56	SO.. 060304	3007-M2.2x5	80-T07
ATUM 19XD4 SO.. 060304	●	19	25	34	154	76	98	56			
ATUM 19.5XD4 SO.. 060304	●	19.5	25	34	154	76	98	56			
ATUM 20XD4 SO.. 060304	●	20	25	34	158	80	102	56			
ATUM 21XD4 SO.. 070305	●	21	25	34	162	84	106	56	SO.. 070305	3008-M2.5x6	80-T08
ATUM 22XD4 SO.. 070305	●	22	25	34	166	88	110	56			
ATUM 22.5XD4 SO.. 070305	●	22.5	25	34	166	88	110	56			
ATUM 23XD4 SO.. 070305	●	23	25	34	170	92	114	56			
ATUM 24XD4 SO.. 070305	●	24	25	34	174	96	118	56	SO.. 09T306	4010-M3x8	80-T10
ATUM 25XD4 SO.. 09T306	●	25	25	34	178	100	122	56			
ATUM 27XD4 SO.. 09T306	●	27	25	34	186	108	130	56			
ATUM 28XD4 SO.. 09T306	●	28	25	34	190	112	134	56			
ATUM 29XD4 SO.. 09T306	●	29	25	34	194	116	138	56	SO.. 09T306	4010-M3x8	80-T10
ATUM 30XD4 SO.. 09T306	●	30	32	44	207	120	147	60			
ATUM 31XD4 SO.. 09T306	●	31	32	44	211	124	151	60			
ATUM 33XD4 SO.. 09T306	●	33	32	44	219	132	159	60			
ATUM 34XD4 SO.. 09T306	●	34	32	44	223	136	163	60	SO..120408	4015-M4X11	80-T15
ATUM 35XD4 SO.. 120408	●	35	32	44	227	140	167	60			

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

● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage  
ISCR Ucuna Uygundur. / Compatible with ISCR Insert. / Kompatibel mit ISCR Wendeplatten.

Sipariş Örneği/Ordering Example/Bestellbeispiel

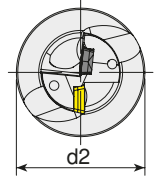
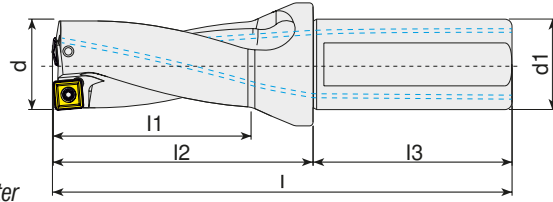
1 ad./pcs./stück ATUM 14XD4 SO.. 050204

Takma Uçlu Matkap Kullanım Kılavuzu : S.319 / User's Guide For U-Drills : P.319  
S.320 / Bedienungsanleitung für Vollbohrer



Delme Derinliği  
Drilling Depth  
Bohrtiefe

= 2xÇap  
= 2xDiameter  
= 2xDurchmesser



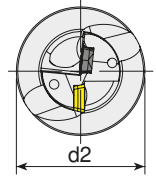
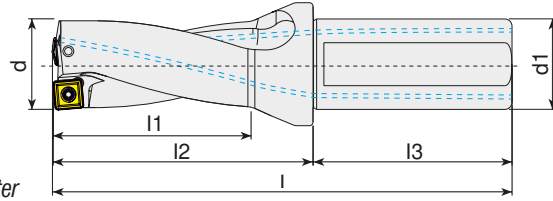
Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)							Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile	
		d	d <sub>1</sub>	d <sub>2</sub>	l	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel
ATUM 14XD2 KDR 0502..	●	14	20	25	100	28	50	50	SPMT 050204-XOMT 050204	3006-M2x4	80-T06
ATUM 18XD2 KDR 0602..	●	18	25	34	114	36	58	56			
ATUM 20XD2 KDR 07T2..	●	20	25	34	118	40	62	56	SPMT 07T208 XOMT 07T205	3008-M2.5x6	80-T08
ATUM 22XD2 KDR 07T2..	●	22	25	34	122	44	66	56			
ATUM 24XD2 KDR 0903..	●	24	25	34	126	48	70	56	SPMT 090308 XOMT 090305	3008-M3x7	80-T08
ATUM 25XD2 KDR 0903..	●	25	25	34	128	50	72	56			
ATUM 26XD2 KDR 0903..	●	26	25	34	130	52	74	56	SPMT 11T308 XOMT 11T306	4015-M3.5x9	80-T15
ATUM 28XD2 KDR 0903..	●	28	25	34	134	56	78	56			
ATUM 30XD2 KDR 11T3..	●	30	25	34	147	60	87	60			
ATUM 32XD2 KDR 11T3..	●	32	32	44	151	64	91	60			
ATUM 34XD2 KDR 11T3..	●	34	32	44	155	68	95	60			

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



Delme Derinliği  
Drilling Depth  
Bohrtiefe

= 4xÇap  
= 4xDiameter  
= 4xDurchmesser



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)							Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile	
		d	d <sub>1</sub>	d <sub>2</sub>	l	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel
ATUM 14XD4 KDR 0502..	●	14	20	25	128	56	78	50	SPMT 050204 XOMT 050204	3006-M2x4	80-T06
ATUM 14.5XD4 KDR 0502..	●	14.5	20	25	128	56	78	50			
ATUM 15XD4 KDR 0502..	●	15	20	25	132	60	82	50	SPMT 060205 XOMT 060204	3007-M2.2x5	80-T07
ATUM 15.5XD4 KDR 0502..	●	15.5	20	25	132	60	82	50			
ATUM 16XD4 KDR 0502..	●	16	25	34	142	64	86	56	SPMT 07T208 XOMT 07T205	3008-M2.5x6	80-T08
ATUM 17XD4 KDR 0602..	●	17	25	34	146	68	90	56			
ATUM 17.5XD4 KDR 0602..	●	17.5	25	34	146	68	90	56	SPMT 090308 XOMT 090305	3008-M3x7	80-T08
ATUM 18XD4 KDR 0602..	●	18	25	34	150	72	94	56			
ATUM 18.5XD4 KDR 0602..	●	18.5	25	34	150	72	94	56			
ATUM 19XD4 KDR 0602..	●	19	25	34	154	76	98	56			
ATUM 20XD4 KDR 07T2..	●	20	25	34	158	80	102	56			
ATUM 21XD4 KDR 07T2..	●	21	25	34	162	84	106	56			
ATUM 22XD4 KDR 07T2..	●	22	25	34	166	88	110	56			
ATUM 24XD4 KDR 0903..	●	24	25	34	174	96	118	56			
ATUM 25XD4 KDR 0903..	●	25	25	34	178	100	122	56			

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.

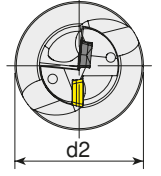
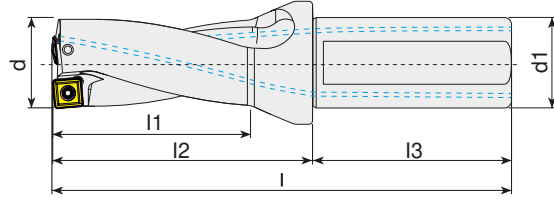
Takma Uçlu Matkap Kullanım Kılavuzu : S 319 / User's Guide For U-Drills : P 319 / S.320 / Bedienungsanleitung für Vollbohrer

Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück ATUM 14XD3 SO.. 050204



Delme Derinliği  
Drilling Depth  
Bohrtiefe  
= 3xÇap  
= 3xDiameter  
= 3xDurchmesser



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)							Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile	
		d	d1	d2	l	l1	l2	l3		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel
ATUM 12.5XD3 KDR 0402..	●	12.5	20	25	108	36	58	50	SPMT 040204 XOMT 040204		
ATUM 13XD3 KDR 0402..	●	13	20	25	111	39	61	50			
ATUM 14XD3 KDR 0502..	●	14	20	25	114	42	64	50	SPMT 050204 XOMT 050204	3006-M2x4	80-T06
ATUM 14.5XD3 KDR 0502..	●	14.5	20	25	114	42	64	50			
ATUM 15XD3 KDR 0502..	●	15	20	25	117	45	67	50	SPMT 060205 XOMT 060204	3007-M2.2x5	80-T07
ATUM 15.5XD3 KDR 0502..	●	15.5	20	25	117	45	67	50			
ATUM 16XD3 KDR 0502..	●	16	25	34	126	48	70	56	SPMT 07T208 XOMT 07T205	3008-M2.5x6	80-T08
ATUM 16.5XD3 KDR 0602..	●	16.5	25	34	126	48	70	56			
ATUM 17XD3 KDR 0602..	●	17	25	34	129	51	73	56	SPMT 090308 XOMT 090305	3008-M3x7	80-T15
ATUM 17.5XD3 KDR 0602..	●	17.5	25	34	129	51	73	56			
ATUM 18XD3 KDR 0602..	●	18	25	34	132	54	76	56	SPMT 11T308 XOMT 11T306	4015-M3.5x9	80-T15
ATUM 18.5XD3 KDR 0602..	●	18.5	25	34	132	54	76	56			
ATUM 19XD3 KDR 0602..	●	19	25	34	135	57	79	56	SPMT 130410 XOMT 130406	4015-M4x11	
ATUM 19.5XD3 KDR 0602..	●	19.5	25	34	135	57	79	56			
ATUM 20XD3 KDR 07T2..	●	20	25	34	138	60	82	56	SPMT 11T308 XOMT 11T306	4015-M3.5x9	80-T15
ATUM 20.5XD3 KDR 07T2..	●	20.5	25	34	138	60	82	56			
ATUM 21XD3 KDR 07T2..	●	21	25	34	141	63	85	56	SPMT 130410 XOMT 130406	4015-M4x11	
ATUM 21.5XD3 KDR 07T2..	●	21.5	25	34	141	63	85	56			
ATUM 22XD3 KDR 07T2..	●	22	25	34	144	66	88	56	SPMT 130410 XOMT 130406	4015-M4x11	
ATUM 22.5XD3 KDR 07T2..	●	22.5	25	34	144	66	88	56			
ATUM 23XD3 KDR 07T2..	●	23	25	34	147	69	91	56	SPMT 130410 XOMT 130406	4015-M4x11	
ATUM 23.5XD3 KDR 07T2..	●	23.5	25	34	147	69	91	56			
ATUM 24XD3 KDR 0903..	●	24	25	34	150	72	94	56	SPMT 130410 XOMT 130406	4015-M4x11	
ATUM 24.5XD3 KDR 0903..	●	24.5	25	34	150	72	94	56			
ATUM 25XD3 KDR 0903..	●	25	25	34	153	75	97	56	SPMT 130410 XOMT 130406	4015-M4x11	
ATUM 25.5XD3 KDR 0903..	●	25.5	25	34	153	75	97	56			
ATUM 26XD3 KDR 0903..	●	26	25	34	156	78	100	56	SPMT 130410 XOMT 130406	4015-M4x11	
ATUM 26.5XD3 KDR 0903..	●	26.5	25	34	156	78	100	56			
ATUM 27XD3 KDR 0903..	●	27	25	34	159	81	103	56	SPMT 130410 XOMT 130406	4015-M4x11	
ATUM 27.5XD3 KDR 0903..	●	27.5	25	34	159	81	103	56			
ATUM 28XD3 KDR 0903..	●	28	25	34	162	84	106	56	SPMT 130410 XOMT 130406	4015-M4x11	
ATUM 28.5XD3 KDR 0903..	●	28.5	25	34	162	84	106	56			
ATUM 29XD3 KDR 0903..	●	29	25	34	165	87	109	56	SPMT 130410 XOMT 130406	4015-M4x11	
ATUM 29.5XD3 KDR 0903..	●	29.5	25	34	165	87	109	56			
ATUM 30XD3 KDR 11T3..	●	30	32	44	177	90	117	60	SPMT 130410 XOMT 130406	4015-M4x11	
ATUM 30.5XD3 KDR 11T3..	●	30.5	32	44	177	90	117	60			
ATUM 32XD3 KDR 11T3..	●	32	32	44	183	96	123	60	SPMT 130410 XOMT 130406	4015-M4x11	
ATUM 32.5XD3 KDR 11T3..	●	32.5	32	44	183	96	123	60			
ATUM 33XD3 KDR 11T3..	●	33	32	44	186	99	126	60	SPMT 130410 XOMT 130406	4015-M4x11	
ATUM 33.5XD3 KDR 11T3..	●	33.5	32	44	186	99	126	60			
ATUM 34XD3 KDR 11T3..	●	34	32	44	189	102	129	60	SPMT 130410 XOMT 130406	4015-M4x11	
ATUM 34.5XD3 KDR 11T3..	●	34.5	32	44	189	102	129	60			
ATUM 35XD3 KDR 11T3..	●	35	32	44	192	105	132	60	SPMT 130410 XOMT 130406	4015-M4x11	
ATUM 35.5XD3 KDR 11T3..	●	35.5	32	44	192	105	132	60			
ATUM 37XD3 KDR 1304..	●	37	32	44	198	111	138	60	SPMT 130410 XOMT 130406	4015-M4x11	
ATUM 37.5XD3 KDR 1304..	●	37.5	32	44	198	111	138	60			
ATUM 38XD3 KDR 1304..	●	38	32	44	201	114	141	60	SPMT 130410 XOMT 130406	4015-M4x11	
ATUM 38.5XD3 KDR 1304..	●	38.5	32	44	201	114	141	60			
ATUM 39XD3 KDR 1304..	●	39	32	44	204	117	144	60	SPMT 130410 XOMT 130406	4015-M4x11	
ATUM 39.5XD3 KDR 1304..	●	39.5	32	44	204	117	144	60			
ATUM 40XD3 KDR 1304..	●	40	32	44	207	120	147	60	SPMT 130410 XOMT 130406	4015-M4x11	
ATUM 40.5XD3 KDR 1304..	●	40.5	32	44	207	120	147	60			

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 Uygunudur. / Compatible with KRLY Insert. / Kompatibel mit KRLY Wendepplatten.

Sipariş Örneği/Ordering Example/Bestellbeispiel

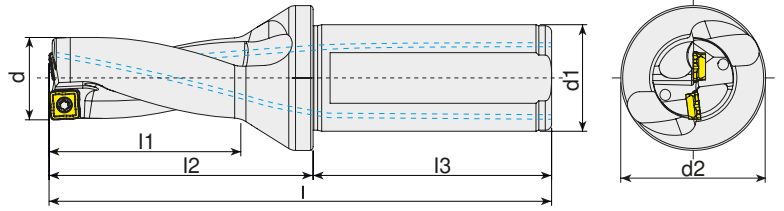
1 ad./pcs./stück ATUM 12.5XD3 KDR 0402..

Takma Uçlu Matkap Kullanım Kılavuzu : S 319 / User's Guide For U-Drills : P 319  
S.320 / Bedienungsanleitung für Vollbohrer



Delme Derinliği  
Drilling Depth  
Bohrtiefe

= 2xÇap  
= 2xDiameter  
= 2xDurchmesser



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)							Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile	
		d	d <sub>1</sub>	d <sub>2</sub>	l	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel
ATUM 14XD2 SOMT 050204	●	14	20	25	100	28	50	50			
ATUM 16XD2 SOMT 050204	●	16	25	34	110	32	54	56	<b>SOMT 050204</b>	3006-M2x4	80-T06
ATUM 17XD2 SOMT 060204	●	17	25	34	112	34	56	56	<b>SOMT 060204</b>	3007-M2.2x5	80-T07
ATUM 18XD2 SOMT 060204	●	18	25	34	114	36	58	56	<b>SOMT 070306</b>		
ATUM 20XD2 SOMT 070306	●	20	25	34	118	40	62	56	<b>SOMT 070306</b>	3008-M2.5x6	80-T08
ATUM 22XD2 SOMT 070306	●	22	25	34	122	44	66	56	<b>SOMT 08T306</b>		
ATUM 24XD2 SOMT 08T306	●	24	25	34	126	48	70	56	<b>SOMT 08T306</b>	4015-M3.5x9	80-T15
ATUM 25XD2 SOMT 08T306	●	25	25	34	128	50	72	56	<b>SOMT 09T308</b>		
ATUM 26XD2 SOMT 08T306	●	26	25	34	130	52	74	56	<b>SOMT 09T308</b>	4015-M4x11	80-T20
ATUM 27XD2 SOMT 09T308	●	27	25	34	132	54	76	56	<b>SOMT 11T308</b>		
ATUM 28XD2 SOMT 09T308	●	28	25	34	134	56	78	56	<b>SOMT 11T308</b>		
ATUM 30XD2 SOMT 09T308	●	30	32	44	147	60	87	60	<b>SOMT 11T308</b>	1020-M5x11	80-T20
ATUM 32XD2 SOMT 11T308	●	32	32	44	151	64	91	60	<b>SOMT 130408</b>		
ATUM 33XD2 SOMT 11T308	●	33	32	44	153	66	93	60	<b>SOMT 130408</b>		
ATUM 34XD2 SOMT 11T308	●	34	32	44	155	68	95	60	<b>SOMT 130408</b>	4015-M4x11	80-T20
ATUM 35XD2 SOMT 11T308	●	35	32	44	157	70	97	60	<b>SOMT 150510</b>		
ATUM 37XD2 SOMT 130408	●	37	32	44	161	74	101	60	<b>SOMT 130408</b>	1020-M5x11	80-T20
ATUM 38XD2 SOMT 130408	●	38	32	44	163	76	103	60	<b>SOMT 130408</b>		
ATUM 40XD2 SOMT 130408	●	40	32	44	167	80	107	60	<b>SOMT 150510</b>	1020-M5x11	80-T20
ATUM 45XD2 SOMT 150510	●	45	40	54	192	90	122	70	<b>SOMT 150510</b>		

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 Uygunudur. / Compatible with TGTC Insert. / Kompatibel mit TGTC Wendeplatten.

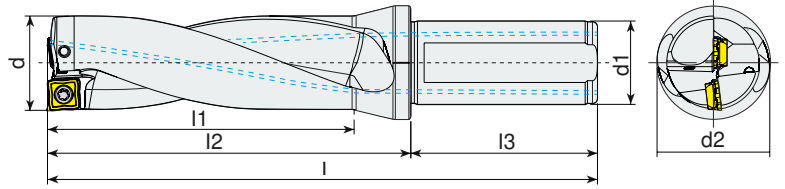
Sipariş Örneği/Ordering Example/Bestellbeispiel  
1 ad./pcs./stück ATUM 14XD2 SOMT 050204

Takma Uçlu Matkap Kullanım Kılavuzu : S 319 / User's Guide For U-Drills : P 319  
S.320 / Bedienungsanleitung für Vollbohrer





Delme Derinliği  
Drilling Depth  
Bohrtiefe  
= 3xÇap  
= 3xDiameter  
= 3xDurchmesser



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)							Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile	
		d	d <sub>1</sub>	d <sub>2</sub>	l	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel
ATUM 14XD3 SOMT 050204	●	14	20	25	114	42	64	50	SOMT 050204	3006-M2x4	80-T06
ATUM 14.5XD3 SOMT 050204	●	14.5	20	25	114	42	64	50			
ATUM 15XD3 SOMT 050204	●	15	20	25	117	45	67	50			
ATUM 15.5XD3 SOMT 050204	●	15.5	20	25	117	45	67	50	SOMT 060204	3007-M2.2x5	80-T07
ATUM 16XD3 SOMT 050204	●	16	25	34	126	48	70	56			
ATUM 16.5XD3 SOMT 060204	●	16.5	25	34	126	48	70	56			
ATUM 17XD3 SOMT 060204	●	17	25	34	129	51	73	56	SOMT 070306	3008-M2.5x6	80-T08
ATUM 17.5XD3 SOMT 060204	●	17.5	25	34	129	51	73	56			
ATUM 18XD3 SOMT 060204	●	18	25	34	132	54	76	56			
ATUM 18.5XD3 SOMT 060204	●	18.5	25	34	132	54	76	56	SOMT 08T306	4015-M3.5x9	80-T15
ATUM 19XD3 SOMT 060204	●	19	25	34	135	57	79	56			
ATUM 19.5XD3 SOMT 070306	●	19.5	25	34	135	57	79	56			
ATUM 20XD3 SOMT 070306	●	20	25	34	138	60	82	56	SOMT 09T308	4015-M4x11	80-T20
ATUM 20.5XD3 SOMT 070306	●	20.5	25	34	138	60	82	56			
ATUM 21XD3 SOMT 070306	●	21	25	34	141	63	85	56			
ATUM 22XD3 SOMT 070306	●	22	25	34	144	66	88	56	SOMT 11T308	1020-M5x11	80-T20
ATUM 22.5XD3 SOMT 08T306	●	22.5	25	34	144	66	88	56			
ATUM 23XD3 SOMT 08T306	●	23	25	34	147	69	91	56			
ATUM 23.5XD3 SOMT 08T306	●	23.5	25	34	147	69	91	56	SOMT 130408	4015-M4x11	80-T20
ATUM 24XD3 SOMT 08T306	●	24	25	34	150	72	94	56			
ATUM 24.5XD3 SOMT 08T306	●	24.5	25	34	150	72	94	56			
ATUM 25XD3 SOMT 08T306	●	25	25	34	153	75	97	56	SOMT 150510	1020-M5x11	80-T20
ATUM 26XD3 SOMT 08T306	●	26	25	34	156	78	100	56			
ATUM 27XD3 SOMT 09T308	●	27	25	34	159	81	103	56			
ATUM 27.5XD3 SOMT 09T308	●	27.5	25	34	159	81	103	56	SOMT 150510	1020-M5x11	80-T20
ATUM 28XD3 SOMT 09T308	●	28	25	34	162	84	106	56			
ATUM 29XD3 SOMT 09T308	●	29	25	34	165	87	109	56			
ATUM 30XD3 SOMT 09T308	●	30	32	44	177	90	117	60	SOMT 150510	1020-M5x11	80-T20
ATUM 32XD3 SOMT 11T308	●	32	32	44	183	96	123	60			
ATUM 33XD3 SOMT 11T308	●	33	32	44	186	99	126	60			
ATUM 34XD3 SOMT 11T308	●	34	32	44	189	102	129	60	SOMT 150510	1020-M5x11	80-T20
ATUM 35XD3 SOMT 11T308	●	35	32	44	192	105	132	60			
ATUM 36XD3 SOMT 11T308	●	36	32	44	195	108	135	60			
ATUM 37XD3 SOMT 130408	●	37	32	44	198	111	138	60	SOMT 150510	1020-M5x11	80-T20
ATUM 38XD3 SOMT 130408	●	38	32	44	201	114	141	60			
ATUM 39XD3 SOMT 130408	●	39	32	44	204	117	144	60			
ATUM 40XD3 SOMT 130408	●	40	32	44	207	120	147	60	SOMT 150510	1020-M5x11	80-T20
ATUM 45XD3 SOMT 150510	●	45	40	54	237	135	167	70			
ATUM 49XD3 SOMT 150510	●	49	40	54	249	147	179	70			
ATUM 50XD3 SOMT 150510	●	50	40	54	252	150	182	70	SOMT 150510	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

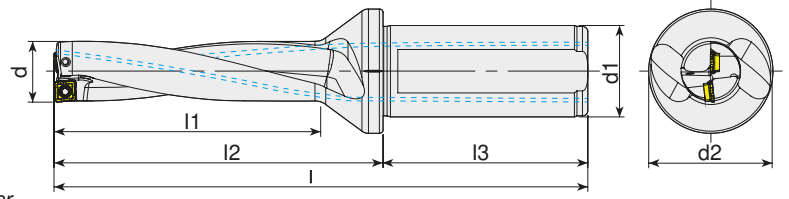
TGTC Ucuna Uygundur. / Compatible with TGTC Insert. / Kompatibel mit TGTC Wendepatten.





Delme Derinliği  
Drilling Depth  
Bohrtiefe

= 4xÇap  
= 4xDiameter  
= 4xDurchmesser



Takım Kodu  
Ordering Code  
Bestell-Bezeichnung

Stok  
Stock  
Lager

Takım Ölçüleri (mm)  
Dimension (mm)  
Abmessung (mm)

Kesici Uç  
Insert  
Wendeschneidplatte

Yedek Parçaları / Spare Parts / Ersatzteile

Sıkma Vidası  
Screw  
Schraube

Tork Anahtar  
Torx Key  
Torx-Schlüssel

Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)							Kesici Uç Insert Wendeschneidplatte	Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel
		d	d <sub>1</sub>	d <sub>2</sub>	l	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>			
ATUM 14XD4 SOMT 050204	●	14	20	25	128	56	78	50	SOMT 050204	3006-M2x4	80-T06
ATUM 14.5XD4 SOMT 050204	●	14.5	20	25	128	56	78	50			
ATUM 16XD4 SOMT 050204	●	16	25	34	142	64	86	56			
ATUM 17XD4 SOMT 060204	●	17	25	34	146	68	90	56	SOMT 060204	3007-M2.2x5	80-T07
ATUM 17.5XD4 SOMT 060204	●	17.5	25	34	146	68	90	56			
ATUM 18XD4 SOMT 060204	●	18	25	34	150	72	94	56			
ATUM 19XD4 SOMT 060204	●	19	25	34	154	76	98	56	SOMT 070306	3008-M2.5x6	80-T08
ATUM 20XD4 SOMT 070306	●	20	25	34	158	80	102	56			
ATUM 21XD4 SOMT 070306	●	21	25	34	162	84	106	56			
ATUM 22XD4 SOMT 070306	●	22	25	34	166	88	110	56	SOMT 08T306	3008-M2.5x6	80-T08
ATUM 24XD4 SOMT 08T306	●	24	25	34	174	96	118	56			
ATUM 25XD4 SOMT 08T306	●	25	25	34	178	100	122	56			

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

● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage  
TGTC Uçuna Uygundur. / Compatible with TGTC Insert. / Kompatibel mit TGTC Wendeplatten.

Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück ATUM ATUM 14XD4 SOMT 050204

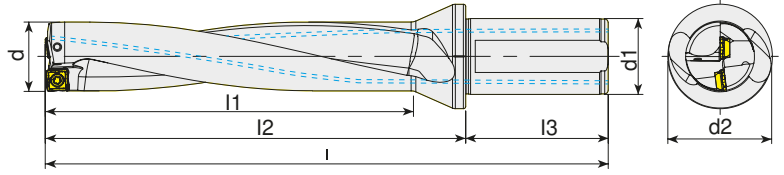
Takma Uçlu Matkap Kullanım Kılavuzu : S 319 / User's Guide For U-Drills : P 319

S.320 / Bedienungsanleitung für Vollbohrer





Delme Derinliği = 5xÇap  
Drilling Depth = 5xDiameter  
Bohrtiefe = 5xDurchmesser



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)							Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile	
		d	d <sub>1</sub>	d <sub>2</sub>	l	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel
ATUM 13XD5 SOMT 050204	●	13	20	25	137	65	87	50			
ATUM 14XD5 SOMT 050204	●	14	20	25	142	70	92	50			
ATUM 15XD5 SOMT 050204	●	15	20	25	147	75	97	50			
ATUM 15.5XD5 SOMT 050204	●	15.5	20	25	147	75	97	50			
ATUM 16XD5 SOMT 050204	●	16	25	34	158	80	102	56			
ATUM 17.5XD5 SOMT 060204	●	17	25	34	163	85	107	56			
ATUM 18XD5 SOMT 060204	●	18	25	34	168	90	112	56			
ATUM 19XD5 SOMT 060204	●	19	25	34	173	95	117	56			
ATUM 19.5XD5 SOMT 070306	●	19	25	34	173	95	117	56			
ATUM 20XD5 SOMT 070306	●	20	25	34	178	100	122	56			
ATUM 21XD5 SOMT 070306	●	21	25	34	183	105	127	56			
ATUM 22XD5 SOMT 070306	●	22	25	34	188	110	132	56			
ATUM 23XD5 SOMT 08T306	●	23	25	34	193	115	137	56			
ATUM 24XD5 SOMT 08T306	●	24	25	34	198	120	142	56			
ATUM 25XD5 SOMT 08T306	●	25	25	34	203	125	147	56			
ATUM 26XD5 SOMT 08T306	●	26	25	34	208	130	152	56			
ATUM 27XD5 SOMT 09T308	●	27	25	34	213	135	157	56			
ATUM 28XD5 SOMT 09T308	●	28	25	34	218	140	162	56			
ATUM 29XD5 SOMT 09T308	●	29	25	34	223	145	167	56			
ATUM 30XD5 SOMT 09T308	●	30	32	44	237	150	177	60			
ATUM 33XD5 SOMT 11T308	●	33	32	44	252	165	192	60			
ATUM 34XD5 SOMT 11T308	●	34	32	44	257	170	197	60			
ATUM 35XD5 SOMT 11T308	●	35	32	44	262	175	202	60			
ATUM 36XD5 SOMT 11T308	●	36	32	44	267	180	207	60			

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

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

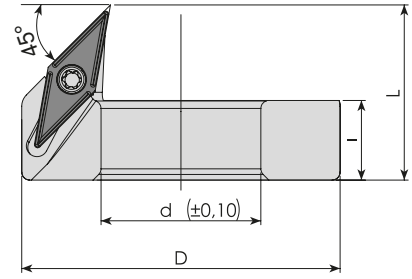
TGTC Ucuna Uygunudur. / Compatible with TGTC Insert. / Kompatibel mit TGTC Wendeplatten.

Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück ATUM 13XD5 SOMT 050204

Takma Uçlu Matkap Kullanım Kılavuzu : S 319 / User's Guide For U-Drills : P 319

S.320 / Bedienungsanleitung für Vollbohrer



**Takım Kodu**  
**Ordering Code**  
**Bestell-Bezeichnung**

Stok  
Stock  
Lager

Takım Ölçüleri (mm)  
Dimension (mm)  
Abmessung (mm)

Kullanılacak  
ATUM Ölçüsü  
Compatible  
ATUM Diameter  
Verwendeter Vollbohrer

Yedek Parçaları / Spare Parts / Ersatzteile

Kesici Uç  
Insert  
Wendeschneidplatte

Sıkma Vidası  
Screw  
Schraube

Tork Anahtar  
Torx Key  
Torx-Schlüssel

Montaj Vidası  
Mounting Screw  
Befestigungsschraube

Montaj Vida Anahtar  
Mounting Screw Key  
Innentorxschlüssel / Befestigungsschraube

D	d	l	L	ATUM Ø
32	12	10	22	12.5
32.5	12.5	10	22	13
33	13	10	22	13.5
33.5	13.5	10	22	14
34	14	10	22	14.5
34.5	14.5	10	22	15
35	15	10	22	15.5-16
35.5	15.5	10	22	16.5
36	16	10	22	17
36.5	16.5	10	22	17.5
37	17	10	22	18
37.5	17.5	10	22	18.5
38	18	10	22	19
38.5	18.5	10	22	19.5
39	19	10	22	20
39.5	19.5	10	22	20.5
40	20	10	22	21
40.5	20.5	10	22	21.5
41	21	10	22	22
41.5	21.5	10	22	22.5
42	22	10	22	23
42.5	22.5	10	22	23.5
43	23	10	22	24
43.5	23.5	10	22	24.5
44	24	10	22	25
44.5	24.5	10	22	25.5
45	25	10	22	26
45.5	25.5	10	22	26.5
46	26	10	22	27
46.5	26.5	10	22	27.5
47	27	10	22	28
47.5	27.5	10	22	28.5
48	28	10	22	29
48.5	28.5	10	22	29.5
49	29	10	22	30
49.5	29.5	10	22	30.5
50	30	10	22	31

VBM. 1103..

4008-M2.5x6

80-T08

AAV-14-M5x14

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

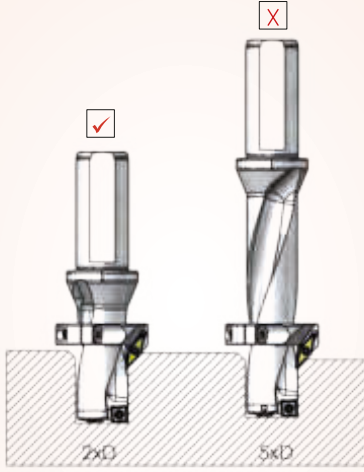
1 ad./pcs./stück ADCR-120-VB1103

Takma Uçlu Matkap Kullanım Kılavuzu : S 319 / User's Guide For U-Drills : P 319

S.320 / Bedienungsanleitung für Vollbohrer

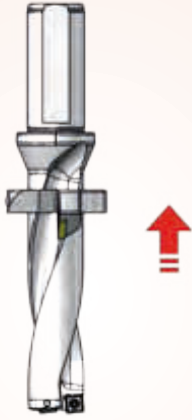
Tavsiye Edilen / Recommended / Empfehlung

A



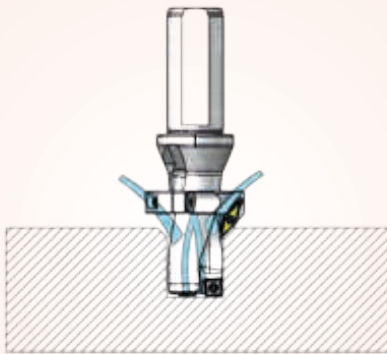
Mümkünse, her zaman kısa bir delme takımı kullanın. Değilse, titreşimi en aza indirmek için kesme hızını azaltın.  
If possible, use it always short drilling tools. Otherwise, reduce your speeds to minimize vibration.  
Bitte möglichst kurze Bohrwerkzeuge verwenden. Sollte dies nicht möglich sein, reduzieren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

B



Mümkün olduğunca pah kırma halkasını shaft kısmına yakın montaj yap.  
Get close to the mounting shaft of the chamfering ring as possible.  
Befestigen Sie den Fasing möglichst nah am Schaft.

C



Daha iyi uç ömrü için harici soğutucu ve matkap ucu iç soğutucu uygulamak.  
Apply external cooling and internal coolant drill for a better life for inserts.  
Setzen Sie innere und äußere Kühlung ein, um die Standzeit der Wendepalten zu erhöhen.

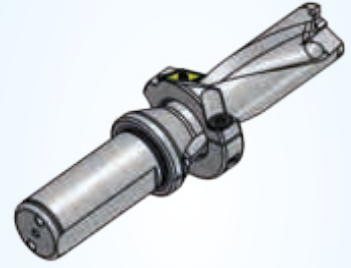
Montaj Şekli / Mounting System / Montage-Hinweise

1



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

2



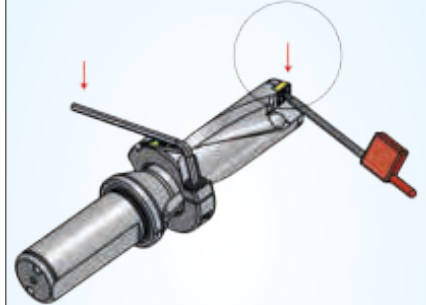
İstenilen konuma pah kırma halkasını kaydırın.  
Please slide chamfering ring to the desired position.  
Befestigen Sie den Fasing an der gewünschten Position.

3



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

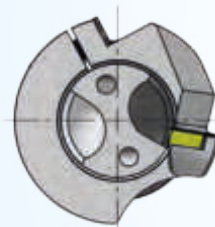
4



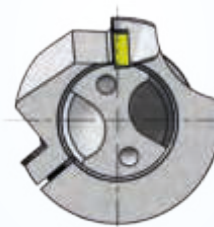
Pah kırma halkasını sıkın ve matkabin uçlarını takın.  
Tightening the chamfering ring and put the drill insert.  
Den Fasing festziehen und die Bohr-Wendepalten einbauen.

Pah kırma halkasının doğru montaj şekli.  
Proper installation of chamfering rings.  
Korrekte Montage des Fasings.

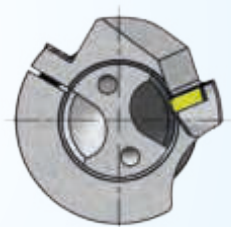
✓



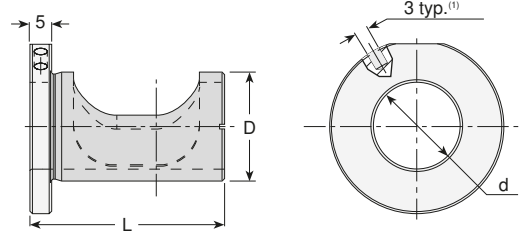
X



X







Takım Kodu  
Ordering Code  
Bestell-Bezeichnung

Stok  
Stock  
Lager

Takım Ölçüleri (mm)  
Dimension (mm)  
Abmessung (mm)

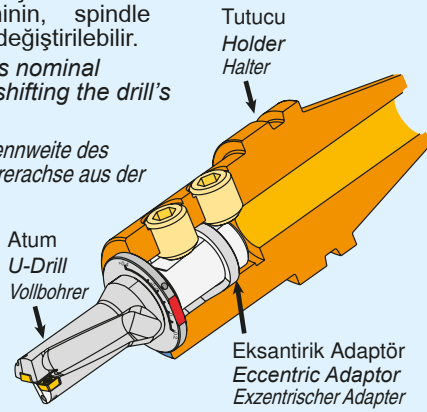
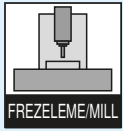
Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	d	D	L
AET-2025	●	20	25	44
AET-2532	●	25	32	46
AET-3240	●	32	40	55

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

Frezeleme tezgahında takma uçlu matkabın nominal çapı, matkabın ekseninin, spindle eksenine göre ötelenmesiyle değiştirilebilir.

On a milling machine the drill's nominal diameter can be changed by shifting the drill's axis out of the tool spindle.

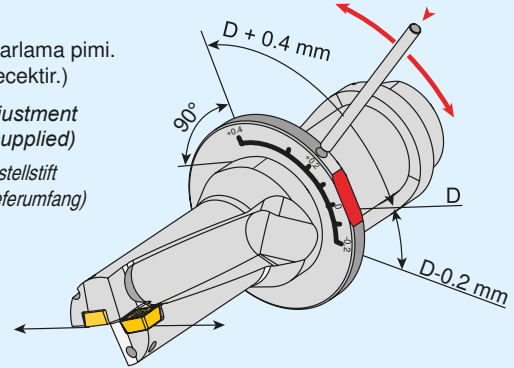
Auf einer Fräsmaschine kann die Nennweite des Bohrers durch Verschieben der Bohrerachse aus der Spindelachse verändert werden.



Radyal ayarlama pimi.  
(Verilmeyecektir.)

Radial adjustment pin. (not supplied)

Radial - Einstellstift  
(nicht im Lieferumfang)

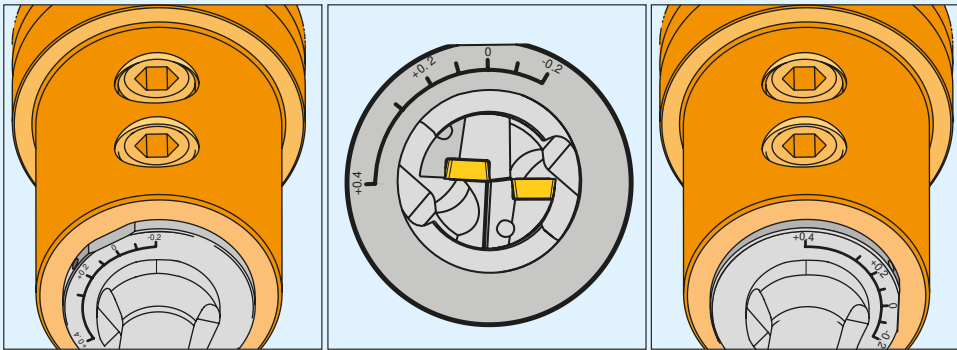


D - 0.2

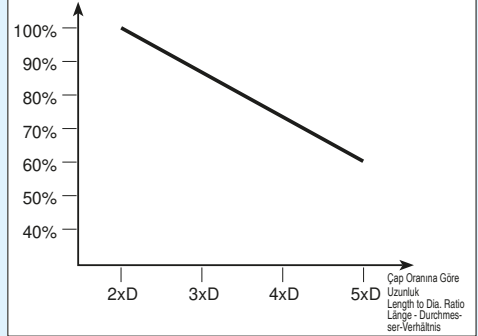
Eksantrik Adaptörü Kullanırken (AET)

Tavsiye Edilen İlerleme Hızı

Recommended Feed When Using Eccentric Adaptor  
Empfohlener Vorschub bei Einsatz des exzentrischen Adapters



Tavsiye Edilen İlerleme Hızı / Recommended Feed Rate /  
Empfohlener Vorschub



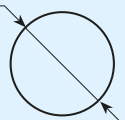
ATUM'un üzerindeki düz çizgi adaptörün sıfır rakamının üzerine konulmalıdır. AET'nin (eksantrik adaptörün) çevrilmesini kolaylaştırmak için AET'nin üzerindeki deliğe, metal bir çubuk ya da vida anahtarını yerleştirilebilir. AET'yi ayarlamadan önce tutucunun vidasını hafifçe çözün.

The adjustment markings should be located perpendicular to the flat on the circumference of the U-DRILL flange.

To facilitate the rotation of the adaptor, a metal rod or a screw key may be inserted into a hole on the excentric adaptor flange. Unlock adapter screw before adjusting adaptor.

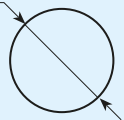
Die Einstellmarkierung sollte senkrecht zur Fläche des Bohrerschafes stehen. Zum Drehen des Adapters sollte ein Stift in die Bohrung am Adapterflansch eingesetzt werden. Lösen Sie die Adapter-Schraube vor dem Einstellen des Adapters.

Delik Çapı  
24.8 mm  
Hole Diameter  
Lochdurchmesser



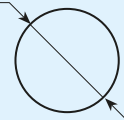
U-Drill Çapı = 25 mm  
Drill Diameter = 25 mm  
Vollbohrer Durchmesser = 25mm

Delik Çapı  
25 mm  
Hole Diameter  
Lochdurchmesser



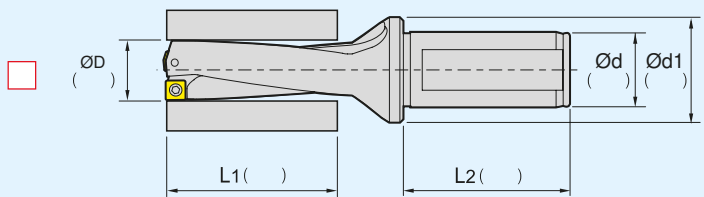
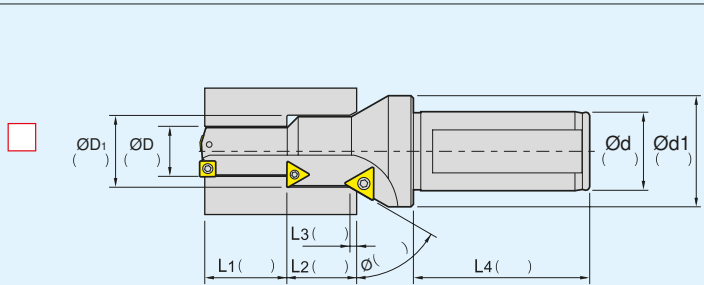
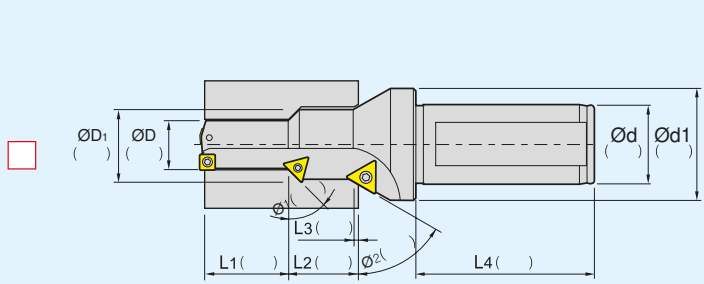
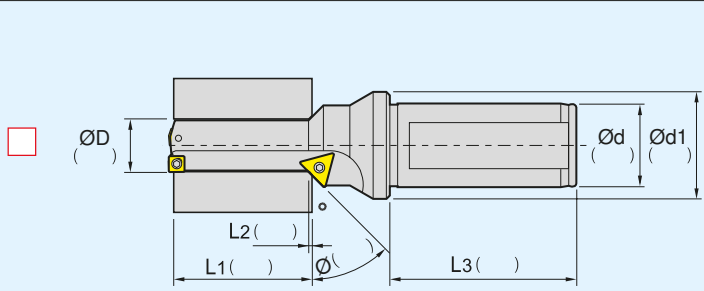
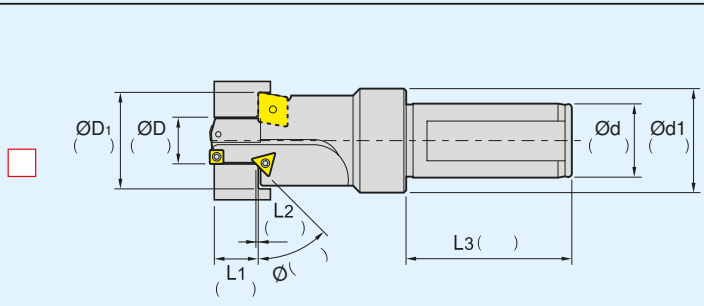
U-Drill Çapı = 25 mm  
Drill Diameter = 25 mm  
Vollbohrer Durchmesser = 25mm

Delik Çapı  
25.4 mm  
Hole Diameter  
Lochdurchmesser



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





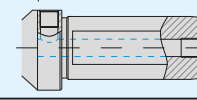
• Soğutma Tipi / Coolant type / Kühlmittelanschluss

Yağ Deliği Dalma Kismında

Oil Hole On the Plunge Part  
Kühlmittelzuführung über den Bund

Yağ Deliği Şaft Kismında

"Oil hole On the Shank"  
Kühlmittelbohrung durch den Schaft



• Delik Tipi / Hole Type / Bohrungstyp

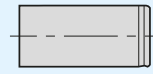
Kapalı Delik

Blind Hole  
Grundbohrung

Açık Delik

Thru Hole  
Durchgangsbohrung

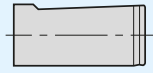
• Şaft Tipleri / Types of Shank / Schaftausführung



Düz Tip  
Flat Type  
Bohrungstyp



Weldon Tip  
Weldon Type  
Weldon-Schaft

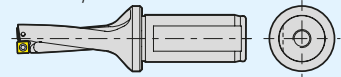


Eğimli Yargı Tipi  
Whistle Notch Type  
Whistle-Notch-Schaft

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

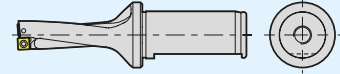
Dış Uca Parellel (Standart)

Parallel to peripheral insert (Standard)  
Parallel zur äußeren Wendeplatte



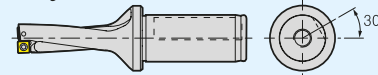
Dış Uca 90° Açılı

90° angle to peripheral insert  
90° außen abgewinkelt



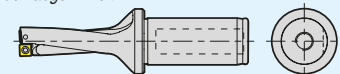
Dış Uca 150° Açılı

150° angle to peripheral insert  
150° außen abgewinkelt



Dış Uca 180° Açılı

180° angle to peripheral insert  
180° außen abgewinkelt



• Not / Note / Hinweis :

- Şu Anki Kullanılan Takım / Currently Using Tool
- Aktuell verwendetes Werkzeug
- Şu Anki Kesme Durumu / Current Cutting Condition
- Aktuelle Schnittbedingungen
  - RPM ya da vc (m/min) / - RPM or vc (m/min)
  - Umdrehungen pro Minute oder vc (m/min.)
  - vf (mm/min) ya da fn (mm/rev)
  - vf (mm/min) or fn (mm/rev) vf (mm/min.) oder fn (mm/Umdr.)
  - Kesme Derinliği / Depth of Cut (mm)
  - Schnitttiefe (mm)
- Ölçülen Standart Takım Ömrü / Standard of Measuring Tool Life
- Standzeit des Werkzeugs
- Şu Anki Kullanılan Makinalar / Currently Using Machine
- Aktuell eingesetzte Maschine
  - İşleme Merkezi / Machining Center
  - Bearbeitungszentrum
  - Genel Torna / General Lathe
  - Drehmaschine
  - CNC Torna / CNC Lathe
  - CNC-Drehmaschine

*konusulan*  
the spoken *kalite...*  
quality...





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

# EKONOMİK KESİCİLER

**EKONOMİK KESİCİLER**

*ECONOMIC CUTTING TOOLS*

*MULTIFUNKTIONALES DREH- UND BOHRWERKZEUG*

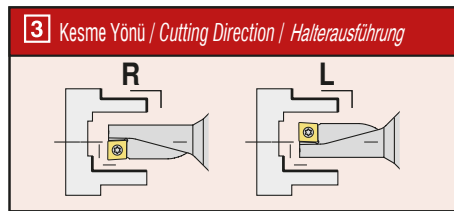




AKKO **A** **EK** **R** - **D2.25** x **20**

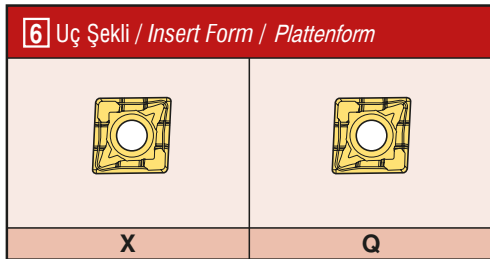
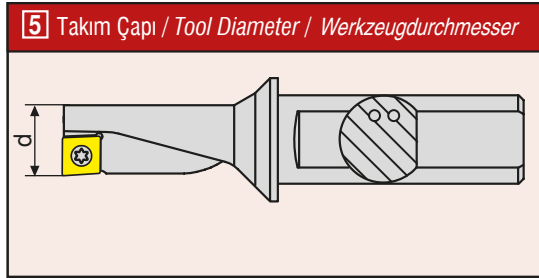
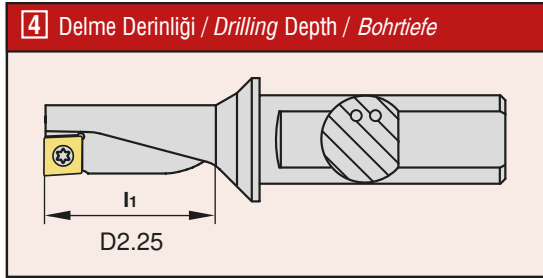
**X** **C** ■ ■ **10** **T3** **04**

**2** Kesiş Stili / Cutter Style / Werkzeugtyp  
EK : Ekonomik Kesici / Economic Cutting  
Multifunktionales Dreh- und Bohrwerkzeug



**11** Kalınlık / Thickness / Dicke

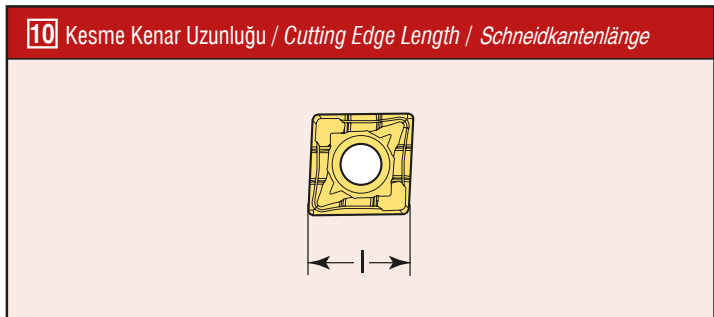
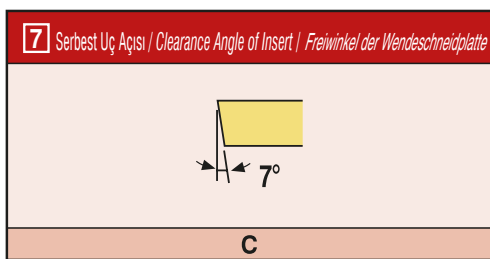
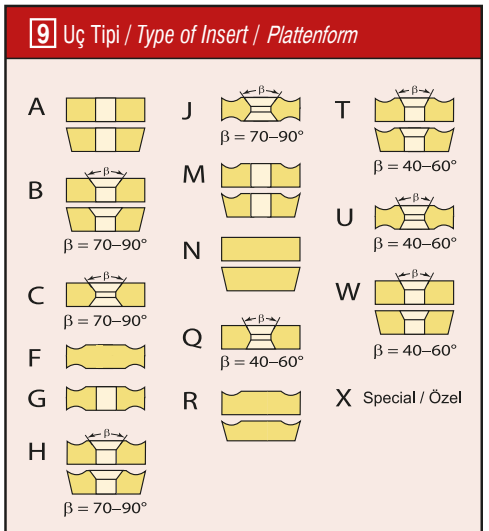
01	s = 1.59
T1	s = 1.98
02	s = 2.38
T2	s = 2.78
03	s = 3.18
T3	s = 3.97
04	s = 4.76
05	s = 5.56
06	s = 6.35
07	s = 7.94
09	s = 9.52



**8** Toleranslar / Tolerance Classes / Toleranzen

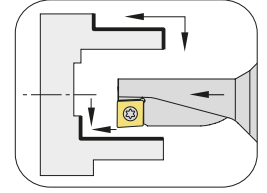
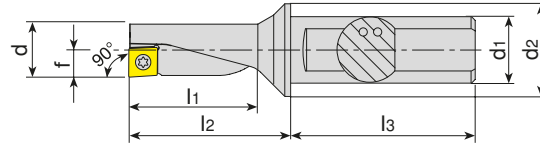
	d	m	t
A	± 0.025	± 0.005	± 0.025
C	± 0.025	± 0.013	± 0.025
E	± 0.025	± 0.025	± 0.025
F	± 0.013	± 0.005	± 0.025
G	± 0.025	± 0.025	± 0.130
H	± 0.013	± 0.013	± 0.025
J	± 0.05-0.15	± 0.005	± 0.025
K	± 0.05-0.15	± 0.013	± 0.025
L	± 0.05-0.15	± 0.025	± 0.025
M	± 0.05-0.15	± 0.08-0.20	± 0.130
N	± 0.05-0.15	± 0.08-0.20	± 0.025
U	± 0.08-0.25	± 0.13-0.38	± 0.130




d : Daire Ölçüsü / Inscribed Circle  
m : Şekle Göre / Refer to Figure  
t : Kalınlık / Thickness



**12** Köşe Konfigurasyonu / Corner Radius / Eckenradius

01	r = 0.1	12	r = 1.2
02	r = 0.2	16	r = 1.6
04	r = 0.4	24	r = 2.4
08	r = 0.8		



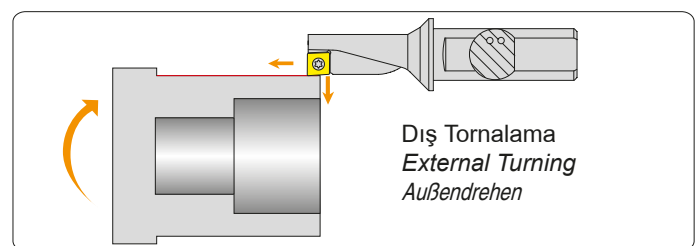
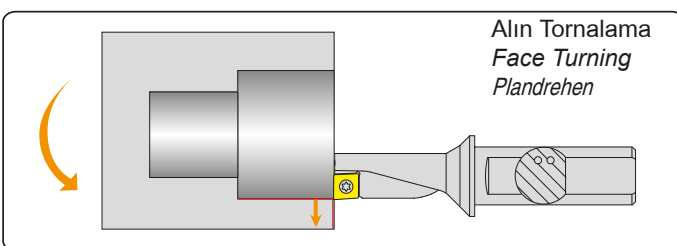
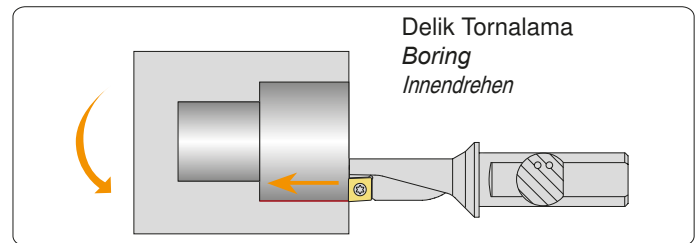
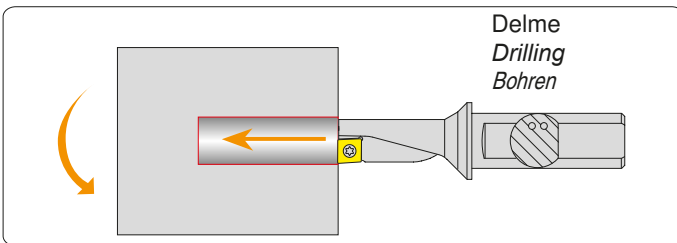
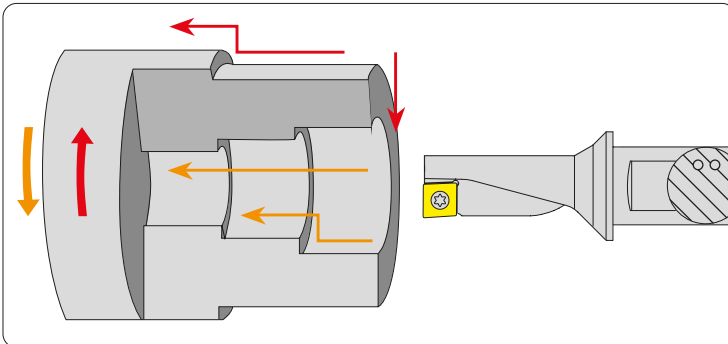
Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager		Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)							Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile	
	R	L	d	d1	d2	l1	l2	l3	f	Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	
AEKR/L-D2.25X8 XC.. 040104	●	●	8	10	12	18	22	38	4			
AEKR/L-D2.25X10 XC.. 050204	●	●	10	12	16	22.5	27.5	42	5	<b>XC.. 050204</b>	3006-M1.8x4	80-T06
AEKR/L-D2.25X12 XC.. 060204	●	●	12	16	20	27	33	45	6	<b>XC.. 060204</b>	3007-M2.2x5	80-T07
AEKR/L-D2.25X14 XC.. 070304	●	●	14	16	20	31.5	38	45	7	<b>XC.. 070304</b>	3008-M2.5x6	80-T08
AEKR/L-D2.25X16 XC.. 080304	●	●	16	20	25	36	44	50	8	<b>XC.. 080304</b>	3008-M3x6	
AEKR/L-D2.25X18 XC.. 09T304	●	●	18	25	32	40.5	53.5	56	9	<b>XC.. 09T304</b>	4015-M3.5x9	80-T15
AEKR/L-D2.25X20 XC.. 10T304	●	●	20	25	32	45	55	56	10	<b>XC.. 10T304</b>		
AEKR/L-D2.25X25 XC.. 130404	●	●	25	32	40	56.5	69	60	12.5	<b>XC.. 130404</b>	4020-M4.5x10	80-T20
AEKR/L-D2.25X32 XC.. 170504	●	●	32	32	50	72	88	60	16	<b>XC.. 170504</b>	4020-M4.5x12	

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

● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage  
 CRTZT-ISCR-TGTC-KRLY Ucuna Uygun. / Compatible with CRTZT-ISCR-TGTC-KRLY Insert.

Kompatibel mit CRTZT-ISCR-TGTC-KRLY Wendeplatten.

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





# BARALAR

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

*konusulan*  
*the spoken kalite...*  
*quality...*



AKKO **A** **BH** **R** - **D18x22**

**W16** - **L90** - **CC06**

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

BH : Delik İşleme / Boring Head  
Spindelkopf

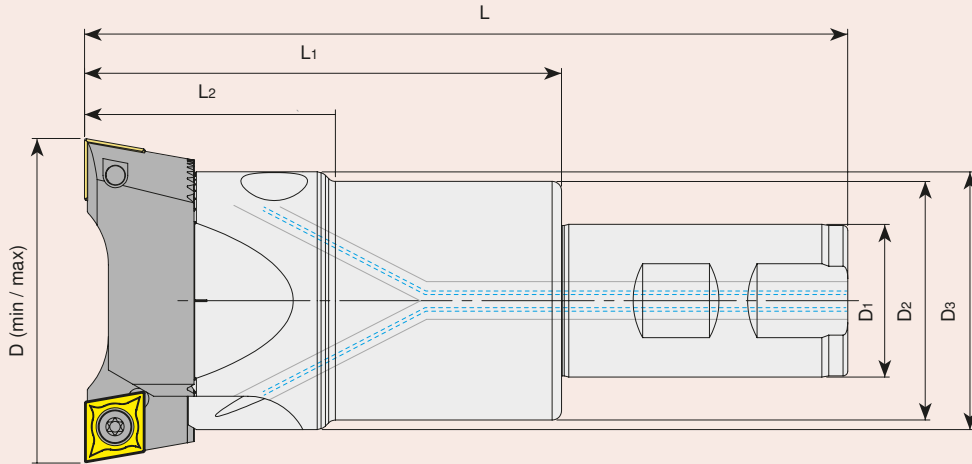
**3** İşlem Tipi / Cutter Type / Einsatzgebiet

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

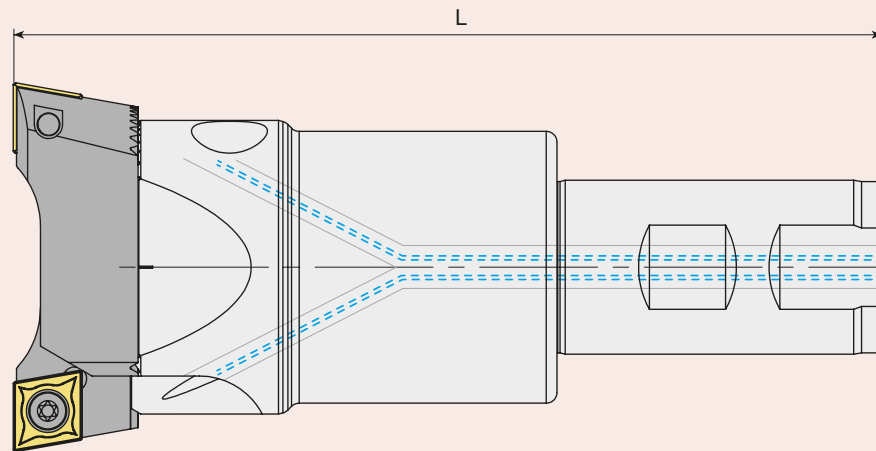
**5** Montaj Formu / Assembly Form / Schaftform

W : Weldon

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

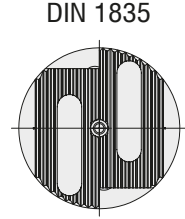
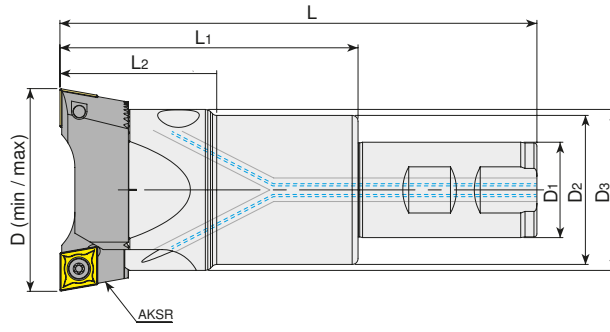


**6** Takım Boyu / Tool Length / Werkzeuglänge



**7** Kesici Uç / Insert / Wendeschneidplatte

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



**Takım Kodu**  
**Ordering Code**  
**Bestell-Bezeichnung**

Stok  
Stock  
Lager

Ölçü Aralığı  
Boring Range  
Bohrbereich  
D (min/max)

Takım Ölçüleri (mm)  
Dimension (mm)  
Abmessung (mm)

Kartuş  
Cartridge  
Kurzdrehalter

Bara Gövde Takım Kodu  
Boring Head Body Code  
Trägerwerkzeug-Bezeichnung

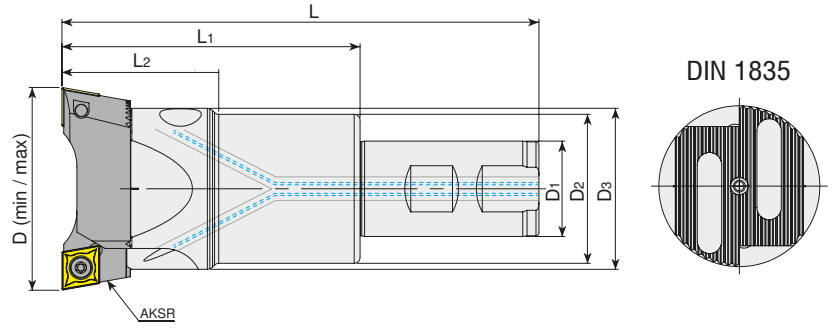
Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Ölçü Aralığı Boring Range Bohrbereich D (min/max)	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)						Kartuş Cartridge Kurzdrehalter	Bara Gövde Takım Kodu Boring Head Body Code Trägerwerkzeug-Bezeichnung
			D1	D2	D3	L	L1	L2		
ABHR-D18x22-W16-L90-CC06	●	18-22	16	-	-	90	42	-	AK.. 18-22	ABHRS-D16x42-W16-L90
ABHR-D18x22-W16-L150-CC06	●	18-22	16	-	-	150	102	-		ABHRS-D16x102-W16-L150
ABHR-D18x22-W16-L200-CC06	●	18-22	16	-	-	200	152	-		ABHRS-D16x152-W16-L200
ABHR-D22x28-W20-L100-CC06	●	22-28	20	-	-	100	50	-	AK.. 22-28	ABHRS-D20x50-W20-L100
ABHR-D22x28-W20-L150-CC06	●	22-28	20	-	-	150	100	-		ABHRS-D20x100-W20-L150
ABHR-D22x28-W20-L200-CC06	●	22-28	20	-	-	200	150	-		ABHRS-D20x150-W20-L200
ABHR-D28x38-W20-L110-CC06	●	28-38	20	25	-	110	60	-	AK.. 28-38	ABHRS-D25x60-W20-L110
ABHR-D28x38-W20-L160-CC06	●	28-38	20	25	-	160	110	-		ABHRS-D25x110-W20-L160
ABHR-D28x38-W20-L230-CC06	●	28-38	20	25	-	230	180	-		ABHRS-D25x180-W20-L230
ABHR-D36x50-W25-L120-CC06	●	36-50	25	32	-	120	64	-	AK.. 36-50	ABHRS-D32X64-W25-L120
ABHR-D36x50-W25-L170-CC06	●	36-50	25	32	-	170	114	-		ABHRS-D32X114-W25-L170
ABHR-D36x50-W25-L250-CC06	●	36-50	25	32	-	250	194	-		ABHRS-D32X194-W25-L250
ABHR-D36x50-W25-L120-CC09	●	36-50	25	32	-	120	64	-	AK.. 36-50-09	ABHRS-D32X64-W25-L120
ABHR-D36x50-W25-L170-CC09	●	36-50	25	32	-	170	114	-		ABHRS-D32X114-W25-L170
ABHR-D36x50-W25-L250-CC09	●	36-50	25	32	-	250	194	-		ABHRS-D32X194-W25-L250
ABHR-D50x68-W32-L140-CC09	●	50-68	32	40	-	140	80	-	AK.. 50-68	ABHRS-D40x80-W32-L140
ABHR-D50x68-W32-L200-CC09	●	50-68	32	40	-	200	140	-		ABHRS-D40x140-W32-L200
ABHR-D50x68-W32-L280-CC09	●	50-68	32	40	-	280	220	-		ABHRS-D40x220-W32-L280
ABHR-D50x68-W32-L140-CC12	●	50-68	32	40	-	140	80	-	AK.. 50-68-12	ABHRS-D40x80-W32-L140
ABHR-D50x68-W32-L200-CC12	●	50-68	32	40	-	200	140	-		ABHRS-D40x140-W32-L200
ABHR-D50x68-W32-L280-CC12	●	50-68	32	40	-	280	220	-		ABHRS-D40x220-W32-L280
ABHR-D68x90-W32-L160-CC12	●	68-90	32	50	54	160	100	50	AK.. 68-90	ABHRS-D50x100-W32-L160
ABHR-D68x90-W32-L210-CC12	●	68-90	32	50	54	210	150	50		ABHRS-D50x150-W32-L210
ABHR-D68x90-W32-L280-CC12	●	68-90	32	50	54	280	220	50		ABHRS-D50x220-W32-L280
ABHR-D90x120-W32-L140-CC12	●	90-120	32	63	72	140	80	63	AK.. 90-120	ABHRS-D63x80-W32-L140
ABHR-D90x120-W40-L200-CC12	●	90-120	40	63	72	200	130	63		ABHRS-D63x130-W40-L200
ABHR-D90x120-W40-L300-CC12	●	90-120	40	63	72	300	230	63		ABHRS-D63x230-W40-L300
ABHR-D120x160-W40-L210-CC12	●	120-160	40	80	95	210	140	75	AK.. 120-160	ABHRS-D80x140-W40-L210
ABHR-D120x160-W40-L300-CC12	●	120-160	40	80	95	300	230	75		ABHRS-D80x230-W40-L300
ABHR-D160x200-W40-L210-B-CC12	●	160-200	40	80	95	210	140	75		ABHRS-D80x140-W40-L210
ABHR-D160x200-W40-L300-B-CC12	●	160-200	40	80	95	300	230	75	AK.. 160-800	ABHRS-D80x230-W40-L300

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

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

Sipariş Örneği/Ordering Example/Bestellbeispiel  
1 ad./pcs./stück ABHR-D18x22-W16-L90-CC06

**AYARLI KABA DELİK İŞLEME BARA GÖVDESİ**  
**ADJUSTABLE ROUGH BORING HEADS BODY**  
**TRÄGERWERKZEUGE FÜR EINSTELLBARE SCHRUPP-SPINDELKÖPFE**



Yedek Parçaları / Spare Parts / Ersatzteile

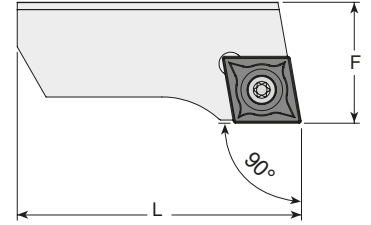
Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Ölçü Aralığı Boring Range D (min/max)	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)						Montaj Vidası Mounting Screw Befestigungsschraube	Montaj Vida Anahtar Mounting Screw Key Innensechskant-Schlüssel	Pabuç Clamp Spannspratze	Ayar Vidası Adjusting Screw Einstellschraube	Ayar Vida Anahtar Allen Key Innensechskant-Schlüssel
			D <sub>1</sub>	D <sub>2</sub>	D <sub>3</sub>	L	L <sub>1</sub>	L <sub>2</sub>					
ABHRS-D16x42-W16-L90	●	18-22	16	-	-	90	42	-					
ABHRS-D16x102-W16-L150	●	18-22	16	-	-	150	102	-	2525-M3x14	AAL-02-2.5	ABKS-D16	2715-M3x4	
ABHRS-D16x152-W16-L200	●	18-22	16	-	-	200	152	-					
ABHRS-D20x50-W20-L100	●	22-28	20	-	-	100	50	-					
ABHRS-D20x100-W20-L150	●	22-28	20	-	-	150	100	-	2503-M4x15	AAL-03-3	ABKS-D20	2715-M3x5	AAL-09-1.5
ABHRS-D20x150-W20-L200	●	22-28	20	-	-	200	150	-					
ABHRS-D25x60-W20-L110	●	28-38	20	25	-	110	60	-					
ABHRS-D25x110-W20-L160	●	28-38	20	25	-	160	110	-	2503-M4x20	AAL-03-3	ABKS-D25	2715-M3x8	
ABHRS-D25x180-W20-L230	●	28-38	20	25	-	230	180	-					
ABHRS-D32X64-W25-L120	●	36-50	25	32	-	120	64	-					
ABHRS-D32X114-W25-L170	●	36-50	25	32	-	170	114	-	2504-M5x25	AAL-05-4	ABKS-D32	2702-M4x12	AAL-01-2
ABHRS-D32X194-W25-L250	●	36-50	25	32	-	250	194	-					
ABHRS-D40x80-W32-L140	●	50-68	32	40	-	140	80	-					
ABHRS-D40x140-W32-L200	●	50-68	32	40	-	200	140	-	2505-M6x30	AAL-07-5	ABKS-D40	2725-M5x14	
ABHRS-D40x220-W32-L280	●	50-68	32	40	-	280	220	-					AAL-02-2.5
ABHRS-D50x100-W32-L160	●	68-90	32	50	54	160	100	50					
ABHRS-D50x150-W32-L210	●	68-90	32	50	54	210	150	50	2506-M8x35	AAL-08-6	ABKS-D50	2725-M5x12	
ABHRS-D50x220-W32-L280	●	68-90	32	50	54	280	220	50					
ABHRS-D63x80-W32-L140	●	90-120	32	63	72	140	80	63					
ABHRS-D63x130-W40-L200	●	90-120	40	63	72	200	130	63	2508-M10x40	AAL-11-8	ABKS-D63	2703-M6x16	AAL-03-3
ABHRS-D63x230-W40-L300	●	90-120	40	63	72	300	230	63					
ABHRS-D80x140-W40-L210	●	120-160	40	80	95	210	140	75	2510-M12x40	AAL-12-10	ABKS-D80	2704-M8x25	AAL-05-4
ABHRS-D80x230-W40-L300	●	120-160	40	80	95	300	230	75	2510-M12x40				
ABHRS-D80x140-W40-L210	●	160-200	40	80	95	210	140	75	2510-M12x40				
ABHRS-D80x230-W40-L300	●	160-200	40	80	95	300	230	75					

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

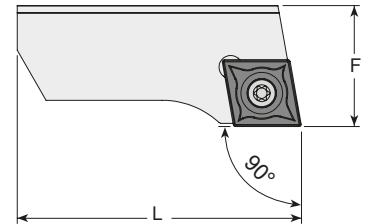
● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage

Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück ABHRS-D16x42-W16-L90



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)		Kesici Uç Insert Wendescheidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
		Ölçü Aralığı Boring Range	F		L	Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel
AKSR 18-22	●	18-22	9	15	CC.. 0602..	4008-M2.5x6	80-T08
AKSR 22-28	●	22-28	10	19			
AKSR 28-38	●	28-38	13	23			
AKSR 36-50	●	36-50	16	32	CC.. 09T3..	4015-M3.5x8	80-T15
AKSR 36-50-09	●	36-50	16	32			
AKSR 50-68	●	50-68	20	40			
AKSR 50-68-12	●	50-68	20	40	CC.. 1204..	1020-M5x11	80-T20
AKSR 68-90	●	68-90	23	54			
AKSR 90-120	●	90-120	28	70			
AKSR 120-160	●	120-160	32	95			
AKSR 160-800	●	160-800	32	120			



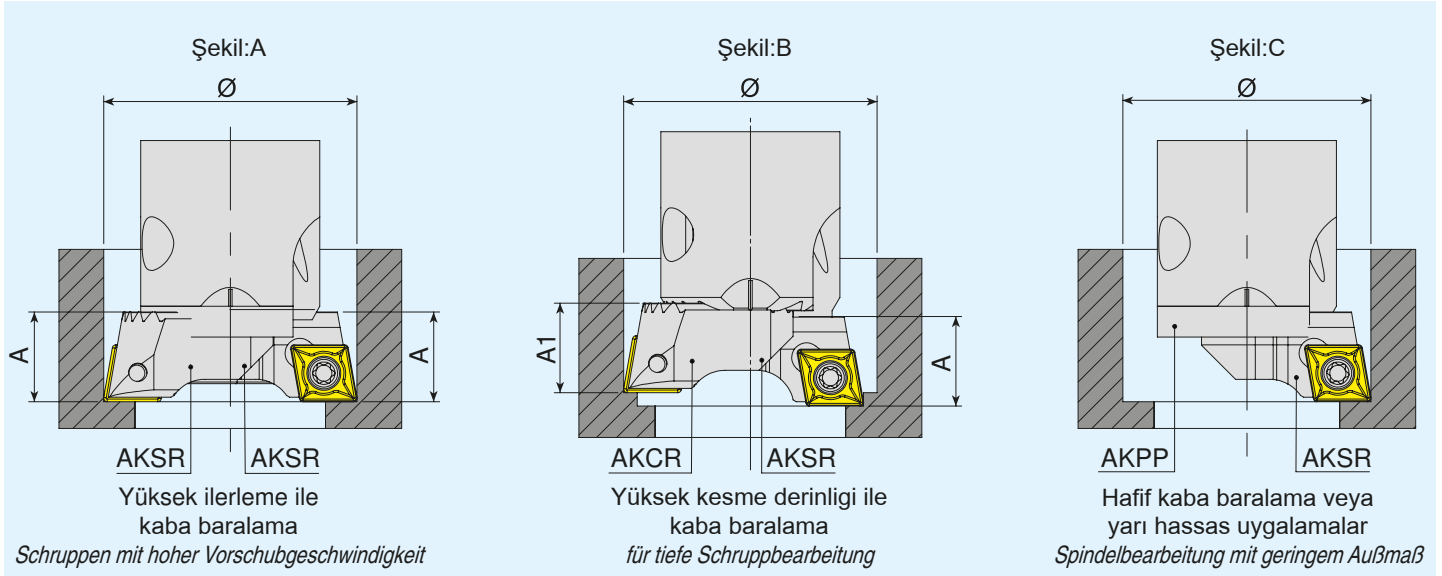
Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)		Kesici Uç Insert Wendescheidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
		Ölçü Aralığı Boring Range	F		L	Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel
AKCR 28-38	●	28-38	12.8	23	CC.. 0602..	4008-M2.5x6	80-T08
AKCR 36-50	●	36-50	15.8	32			
AKCR 36-50-09	●	36-50	15.8	32			
AKCR 50-68	●	50-68	19.7	40	CC.. 09T3..	4015-M3.5x8	80-T15
AKCR 50-68-12	●	50-68	19.7	40			
AKCR 68-90	●	68-90	22.7	54			
AKCR 90-120	●	90-120	27.7	70	CC.. 1204..	1020-M5x11	80-T20
AKCR 120-160	●	120-160	31.7	95			
AKCR 160-800	●	160-800	31.7	120			

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

● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage  
ISO Ucuna Uygundur. / Compatible with ISO Insert. Kompatibel mit ISO Wendeplatten.

Sipariş Örneği/Ordering Example/Bestellbeispiel  
1 ad./pcs./stück AKSR 18-22





1. Kesici kenarların radyal ayarı, takım ölçme ekipmanı ile yapılmalıdır.
2. İki uçlu baralama takımı, ağır talaş kaldırma işlemini içeren kaba baralama işlemleri içindir.  
Çift uçlu baralama takımı ile:
  - Yüksek ilerleme oranında kaba baralama işlemleri için, aynı düzlemdeki iki AKSR kartuşu, aynı radyal mesafeye ayarlanır. (Şekil A)
  - Aynı düzlemde olmayan bir AKCR kartuşu ve bir AKSR kartuşu yüksek derinlikte kaba baralama işlemleri için kullanılır. (Şekil B)
    - i. Kaba baralama işleminde, alınacak paso miktarı tam olarak ikiye bölünüp, düzgün bir kesim sağlanmış olur, ancak bu durumda tur başına ilerleme tek ağız olarak hesaplanmalıdır. ( $f=f_1$ )
    - ii. Hassas baralama işleminde, alınacak paso miktarı AKSR kartuş için ara kaba olarak ve AKCR kartuş için hassas bara olarak çaplar ayarlanır ve bu sayede bazı ara kaba işleme ihtiyaç kalmaz.
3. Tek kartuşlu baralama takımları, normal talaş kaldırma işlemini içeren kaba ve hassas baralama işlemleri içindir. Dişleri koruma plakası, AKPP daima kullanılmalıdır. (Şekil C)

1. Radial setting of the cutting edges should be carried out with tool presetting equipment.
2. Boring bars fitted with two insert pockets are for roughing operations involving heavy chip removal.  
The double-insert boring bars include:
  - Two AKSR cartridges on the same plane with two cutting edges set at identical radial distance for high feed rate roughing operations. (fig. A)
  - An AKCR cartridge and an AKSR cartridge not on the same plane for high-depth roughing operations. (fig. B)
    - i. With the rough boring operation, this allows double the cutting width, using only a single feed rate. ( $f=f_1$ )
    - ii. With the finish boring operation, the cutting width is divided so that some of the intermediate machining can be omitted.
3. Boring bars fitted with a single cartridge are for roughing and finishing operations involving normal chip removal. The serrated surface protection plate AKPP should always be used (fig. C)

1. Die radiale Einstellung der Schneiden sollte auf einem Voreinstellgerät durchgeführt werden.
2. Spindelköpfe, die mit 2 Kassetten bestückt sind, werden für die Schrubbearbeitung eingesetzt.  
Doppelte Kassetten beinhalten:
  - Für die Schrubbearbeitung mit hoher Vorschubgeschwindigkeit sind zwei AKSR-Kassetten in derselben Höhe auf denselben radialen Abstand einzustellen (Abbildung A)
  - Eine AKCR-Kassette und eine AKSR-Kassette, die nicht in derselben Ebene liegen, werden für tiefe Schrubbearbeitungen eingesetzt.
    - i. Bei einer Schrubbearbeitung kann die Schnitttiefe verdoppelt werden. Bitte nur eine Schneide zur Vorschubberechnung verwenden ( $f=f_1$ ).
    - ii. Bei der Schlichtbearbeitung wird die Schnitttiefe halbiert. Weitere zusätzliche Bearbeitungsdurchgänge werden überflüssig.
3. Bohrköpfe mit einer einzelnen Kassette können sowohl für Schlicht- als auch für Schrubb-Operationen eingesetzt werden. Voraussetzung hierfür ist eine gute Spanabfuhr. Zum Schutz der verzahnten Oberfläche des Bohrkörpers sollte immer die Abdeckung AKPP verwendet werden (siehe Abb.C).



*konusulan*  
*the spoken kalite...*  
*quality...*

**FREZELEME TAKIMLARI**  
**MILLING TOOLS**  
**FRÄSWERKZEUGE**



AKKO **A** **EM** **90** **L** - **A** **P** **10**

1 2 3 4 5 6 7

**D12** - **W16** - **L100** - **Z01** - **H**

8 9 10 11 12

**2** Kesiş Stili / Cutter Style / Fräswerkzeug-Typ

FM: Yüzey Frezeleme Takımları / Face Milling Tools / Eck-und Planfräsköpfe  
EM: Alın ve Yüzey Parmak Frezeleri / End Face Milling Tools / Schafffräser  
CM: Pah Kirma Parmak Frezeleri / Chamfering End Milling Tools / Fasfräser  
HM: Helis Parmak Frezeleri / Helix End Milling Tools / Schafffräser Helix  
TSM: T Kanal Frezeleri / T Slot Milling Tools / T-Nutenfräser  
HFM: Yüksek İlerleme Frezeleme Takımları / High Feed Milling Tools / Fräser für hohe Vorschübe  
PMR: Küresel Uçlu Parmak Frezeleri / Ball Nose End Milling Tools / Kugel und Kopierfräser  
SDM: Disk Frezeler / Slot Disc Milling / Scheibenfräser  
CBM: Silindirik Alyan Başlı Vida Havşalarını Açma Frezeleri / Countersink Milling Tool for Cylindrical Allen Head Screws  
Fräswerkzeug für zylindrische Inbusschrauben

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

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

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

L: Sol - Left / Links  
C: Baskı Pabuçu - Clamp / Spannpratze  
S: Altlık - Shim / Unterlage  
CL: Baskı Pabuçlu Sol Yön - Left Way with Clamp  
Spannspratze links  
CS: Baskı Pabuçlu Altlıklı - Clamp with Shim  
Spannspratze mit Unterlage  
CSL: Baskı Pabuçlu Altlıklı Sol Yön - Left Way Clamp with Shim  
Spannspratze mit Unterlage Links

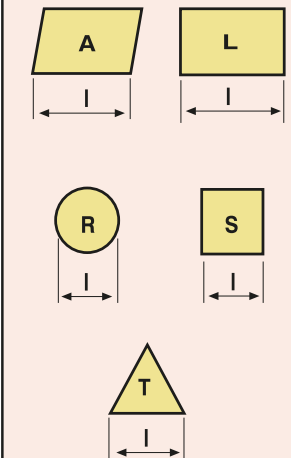
**5** Uç Tipi / Type of Insert / Plattenform

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

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

A	B	C
D	E	F
G	N	P

**7** Kesme Kenar Uzunluğu  
Cutting Edge Length  
Länge der Schneidkante



**8** Takım Çapı / Tool Diameter / Werkzeug-ø

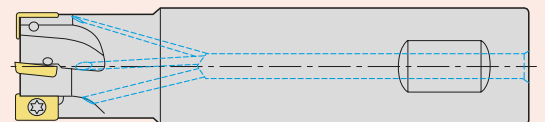
**9** Montaj Formu ve Çapı / Assembly Form and Diameter / Schaft-ø und Form

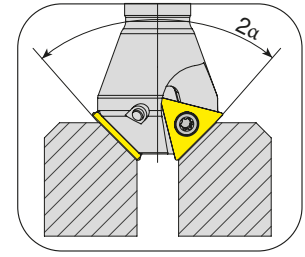
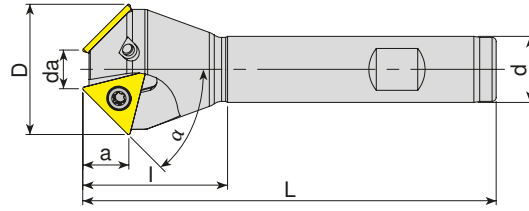
A, B, C, D: ISO'ya göre montaj formu / Assembly Form and Diameter / Art der Montage und Durchmesser  
C: Silindirik Şaft / Cylindrical Shank / Zylindrischer Schaft  
W: Weldon

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

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

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





Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)								Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
		$\alpha$	da	D	d	L	l	Z	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	
ACM10-TC16-D17X22-W16-L90-Z01	●	10°	17	22	16	90	30	1	15.2	TC.T 16T304	4015-M3.5x9	80-T15	
ACM15-TC16-D17X24-W16-L90-Z01	●	15°	17	24	16	90	30	1	14.9				
ACM15-TC16-D22X29-W16-L100-Z01	●	15°	22	29	16	100	30	1	14.9				
ACM15-TC16-D30X37-W20-L100-Z02	●	15°	30	37	20	100	35	2	14.9				
ACM15-TC16-D35X42-W20-L100-Z03	●	15°	35	42	20	100	38	3	14.9				
ACM15-TC16-D52X59-W25-L110-Z03	●	15°	52	59	25	110	40	3	14.9				
ACM17.5-TC16-D17X25-W16-L90-Z01	●	17.5°	17	25	16	90	30	1	14.7				
ACM18.5-TC16-D21.3X30-W20-L100-Z02	●	18.5°	21.3	30	20	100	30	2	13.5				TC.T 16T308
ACM20-TC16-D12X22-W16-L100-Z01	●	20°	12	22	16	100	30	1	14.4				
ACM20-TC16-D17X27-W16-L100-Z01	●	20°	17	27	16	100	30	1	14.4				
ACM20-TC16-D23X33-W20-L100-Z02	●	20°	23	33	20	100	30	2	14.4				
ACM20-TC16-D28X38-W20-L100-Z02	●	20°	28	38	20	100	35	2	14.4				
ACM20-TC16-D35X45-W20-L100-Z03	●	20°	35	45	20	100	40	3	14.4	TC.T 16T304			
ACM20-TC16-D39X49-W20-L100-Z03	●	20°	39	49	20	100	40	3	14.4				
ACM20-TC16-D45X55-W25-L110-Z03	●	20°	45	55	25	110	40	3	14.4				
ACM20-TC16-D51X61-W25-L110-Z03	●	20°	51	61	25	110	40	3	14.4				
ACM22.5-TC16-D17X28-W16-L100-Z01	●	22.5°	17	28	16	100	30	1	14.2				
ACM25-TC16-D17X29-W16-L100-Z01	●	25°	17	29	16	100	30	1	13.9				
ACM30-TC16-D6X20-W16-L100-Z01	●	30°	6	20	16	100	30	1	13.3				
ACM30-TC16-D15X30-W16-L100-Z01	●	30°	15	30	16	100	30	1	13.3				
ACM30-TC16-D17.5X32.5-W20-L100-Z02	●	30°	17.5	32.5	20	100	30	2	13.3				
ACM30-TC16-D20X35-W16-L100-Z02	●	30°	20	35	16	100	35	2	13.3				
ACM30-TC16-D30X45-W20-L100-Z02	●	30°	30	45	20	100	40	2	13.3				
ACM30-TC16-D35X50-W20-L100-Z03	●	30°	35	50	20	100	40	3	13.3				
ACM30-TC16-D45X60-W25-L110-Z03	●	30°	45	60	25	110	40	3	13.3				
ACM45-TC09-D7X18-W16-L100-Z02	●	45°	7	18	16	100	25	2	5.9	TC.T 090204	3007-M2.2x5	80-T07	
ACM45-TC11-D11X24-W16-L100-Z02	●	45°	11	24	16	100	25	2	6.9	TC.T 110204	3008-M2.5x6	80-T08	
ACM45-TC16-D5X26-W16-L100-Z01	●	45°	5	26	16	100	30	1	10.8	TC.T 16T304	4015-M3.5x9	80-T15	
ACM45-TC16-D10X31-W16-L100-Z02	●	45°	10	31	16	100	35	2	10.8				
ACM45-TC16-D10X31-W20-L100-Z02	●	45°	10	31	20	100	35	2	10.8				
ACM45-TC16-D18X39-W16-L100-Z02	●	45°	18	39	16	100	40	2	10.8				
ACM45-TC16-D18X39-W20-L100-Z02	●	45°	18	39	20	100	40	2	10.8				
ACM45-TC16-D20X41-W20-L100-Z02	●	45°	20	41	20	100	40	2	10.8				
ACM45-TC16-D30X51-W20-L100-Z02	●	45°	30	51	20	100	40	2	10.8				
ACM55-TC16-D16X40-W20-L100-Z03	●	55°	16	40	20	100	40	3	8.7				
ACM62-TC16-D14X40-W20-L100-Z03	●	62°	14	40	20	100	40	3	7.1				
ACM72-TC16-D14X42-W20-L100-Z03	●	72°	14	42	20	100	40	3	4.6				

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

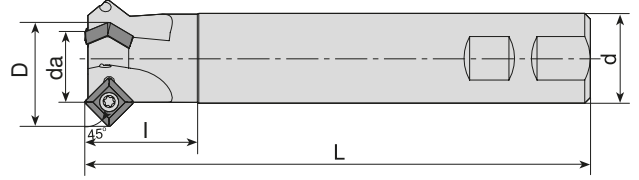
● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage  
ISO Uçuna Uygundur. / Compatible with ISO Insert. Kompatibel mit ISO Wendeplatten.

Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück ACM10-TC16-D17X22-W16-L90-Z01

Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321

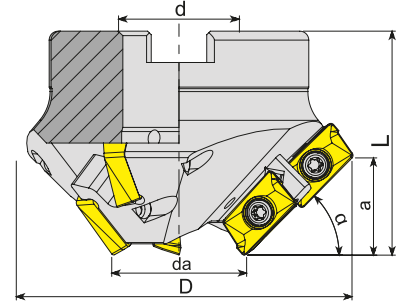
➤ **S-SİSTEM PAH FREZELER**  
**S-SYSTEM CHAMFERING END MILLS**  
**S-SYSTEM FASFRÄSER**



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)								Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
		$\alpha$	da	D	d	L	l	Z	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	
ACM45-SP1104-D12x26-W20-L150-Z01	●	45°	12	26	20	150	30	1	-	SPGT 110408	4015-M4x9	80-T15	
ACM45-SP1104-D25x39-W25-L150-Z02	●	45°	25	39	25	150	35	2	-				
ACM45-SP1104-D32x46-W32-L150-Z03	●	45°	32	46	32	150	40	3	-				

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

➤ **HELİS PAH FREZELEME TAKIMLARI**  
**HELIX CHAMFER MILLING TOOLS**  
**HELIX-FASFRÄSER**



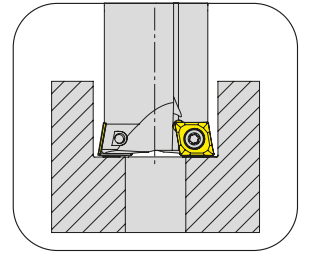
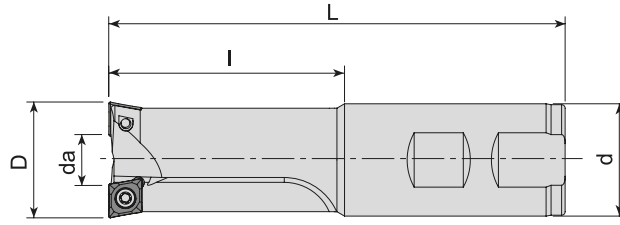
Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)								Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
		Z		$\alpha$	da	D	d	a	L		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	
		Toplam Total Gesamt	Etkili Effective Effektiv										
AHM15-AP16-D35x93-A27-Z0306-H	●	6	3	15	35	93	27	8	50	AP.. 1604..	4015-M4x11	80-T15	
AHM30-AP16-D35x87-A27-Z0306-H	●	6	3	30	35	87	27	15	50				
AHM45-AP16-D35x77-A27-Z0306-H	●	6	3	45	35	77	27	21.5	50				
AHM60-AP16-D35x65-A22-Z0306-H	●	6	3	60	35	65	22	26.5	50				
AHM75-AP16-D35x50-A22-Z0306-H	●	6	3	75	35	50	22	29.5	50				

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

● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage  
 ISO Ucuna Uygundur. / Compatible with ISO Insert. Kompatibel mit ISO Wendepfatten.

Sipariş Örneği/Ordering Example/Bestellbeispiel  
 1 ad./pcs./stück ACM45-SP1104-D12x26-W20-L150-Z01  
 Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321





**Takım Kodu**  
**Ordering Code**  
*Bestell-Bezeichnung*

Stok  
 Stock  
 Lager



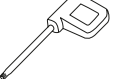
Takım Ölçüleri (mm)  
 Dimension (mm)  
 Abmessung (mm)

Kesici Uç  
 Insert  
 Wendeschneidplatte

Yedek Parçaları / Spare Parts / Ersatzteile

Sıkma Vidası  
 Screw  
 Schraube

Tork Anahtar  
 Torx Key  
 Torx-Schlüssel

	da	D	d	l	L	Kullanılan Vidalar For Screws Für Schraube			
ACBM-CC06-D17X6-W16-L150-Z02	6	17	16	30	150	-	CC.. 060204	3008-M2.5x6	80-T08
ACBM-CC06-D18X7-W16-L100-Z02-H	7	18	16	32	100	M10			
ACBM-CC06-D18X7-W16-L160-Z02-H	7	18	16	32	160	M10			
ACBM-CC06-D20X9-W20-L100-Z02-H	9	20	20	40	100	M12			
ACBM-CC06-D20X9-W20-L160-Z02-H	9	20	20	38	160	M12	CC.. 09T304	4015-M3.5x9	80-T15
ACBM-CC09-D26X8.5-W25-L130-Z02-H	8.5	26	25	50	130	M16			
ACBM-CC09-D26X8.5-W25-L200-Z02-H	8.5	26	25	50	200	M16			
ACBM-CC09-D33X15.5-W32-L130-Z02-H	15.5	33	32	65	130	M20			
ACBM-CC09-D33X15.5-W32-L200-Z02-H	15.5	33	32	65	200	M20	SP.. 060204	3007-M2.2x5	80-T07
ACBM-SP06-D15X4-W16-L160-Z02-H	4	15	16	80	160	M8			

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

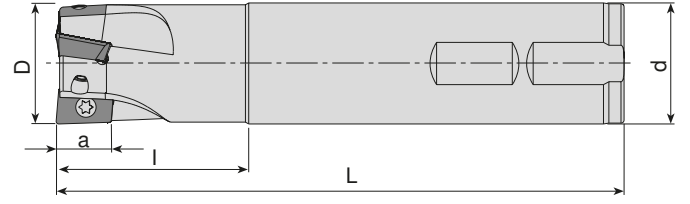
● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage  
 ISO Ucuna Uygun. / Compatible with ISO Insert. Kompatibel mit ISO Wendepalten.

Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück ACBM-CC06-D17X6-W16-L150-Z02

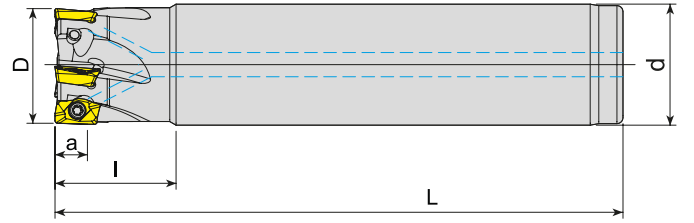
Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321





Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)						Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
		D	Z	d	L	l	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	
AEM90-AD1505-D25-W25-L150-Z02	●	25	2	25	150	50	15	AD.. 1505..		4015-M4x9	
AEM90-AD1505-D30-W25-L150-Z03	●	30	3	25	150	40	15				
AEM90-AD1505-D32-W32-L150-Z03	●	32	3	32	150	50	15				

ISCR Ucuna Uygunur. / Compatible with ISCR Insert. Kompatibel mit ISCR Wendepplatten.



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)						Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
		D	Z	d	L	l	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	
AEM90-AD07-D10-C10-L80-Z02-H	●	10	2	10	80	16	6	ADMX 0702..		3006-M2x3.1	
AEM90-AD07-D12-C12-L90-Z03-H	●	12	3	12	90	18	6				
AEM90-AD07-D16-C16-L110-Z04-H	●	16	4	16	110	19	6				
AEM90-AD07-D20-C20-L125-Z05-H	●	20	5	20	125	20	6				
AEM90-AD07-D25-C25-L140-Z06-H	●	25	6	25	140	24	6				

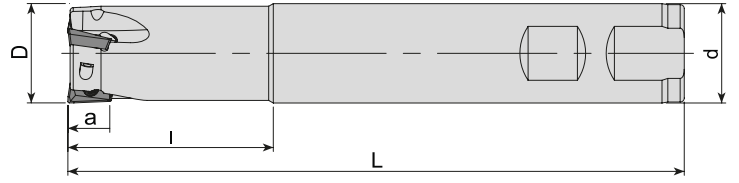
R: Sağ / Right / Rechts L: Sol/Left/Links

● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage  
PRMT Ucuna Uygunur. / Compatible with PRMT Insert. Kompatibel mit PRMT Wendepplatten.

Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück AEM90-AD1505-D25-W25-L150-Z02

Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)						Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile	
		D	Z	d	L	l	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel
AEM90-AD0803-D16-W16-L150-Z02	●	16	2	16	150	30	8	ADMT 0803..	3008-M2.5x5	
AEM90-AD0803-D17-W16-L150-Z02	●	17	2	16	150	30	8			
AEM90-AD0803-D17-W16-L200-Z02	●	17	2	16	200	30	8			
AEM90-AD0803-D20-W20-L150-Z03	●	20	3	20	150	30	8			
AEM90-AD0803-D21-W20-L200-Z03	●	21	3	20	200	30	8			
AEM90-AD10T3-D16-W16-L100-Z02-H	●	16	2	16	100	30	10	ADMT 10T3..	3008-M2.5x5	80-T08
AEM90-AD10T3-D16-W16-L150-Z02	●	16	2	16	150	40	10			
AEM90-AD10T3-D16-C16-L200-Z02	●	16	2	16	200	50	10			
AEM90-AD10T3-D20-W20-L70-Z03	●	20	3	20	70	30	10			
AEM90-AD10T3-D20-W20-L100-Z03-H	●	20	3	20	100	30	10			
AEM90-AD10T3-D20-W20-L150-Z03	●	20	3	20	150	30	10			
AEM90-AD10T3-D20-C20-L150-Z03	●	20	3	20	150	40	10			
AEM90-AD10T3-D20-C20-L200-Z03	●	20	3	20	200	50	10			
AEM90-AD10T3-D25-W25-L100-Z03-H	●	25	3	25	100	30	10			
AEM90-AD10T3-D25-W25-L100-Z04-H	●	25	4	25	100	30	10			
AEM90-AD10T3-D25-W25-L150-Z03	●	25	3	25	150	50	10			
AEM90-AD1204-D20-W20-L150-Z02	●	20	2	20	150	50	12	ADMT 1204..	4010-M3x6	80-T10
AEM90-AD1204-D21-C20-L150-Z02	●	21	2	20	150	30	10			
AEM90-AD1204-D22-C20-L150-Z02	●	22	2	20	150	30	10			
AEM90-AD1204-D25-W25-L150-Z03	●	25	3	25	150	50	12			
AEM90-AD1204-D32-W32-L150-Z04	●	32	4	32	150	50	12			
AEM90-AD1606-D25-W25-L150-Z02	●	25	2	25	150	50	15	ADMT 1606..	4015-M4x9	80-T15
AEM90-AD1606-D32-W32-L150-Z03	●	32	3	32	150	50	15			

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

● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage  
WLTR Ucuna Uygunudur. / Compatible with WLTR Insert. Kompatibel mit WLTR Wendeplatten.

Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück AEM90-AD0803-D16-W16-L150-Z02

Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321

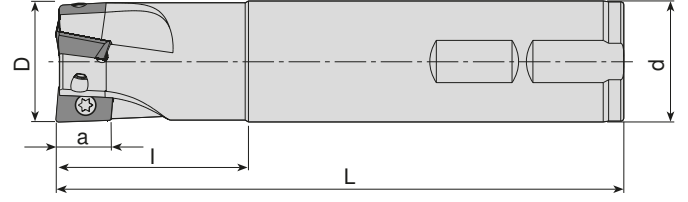


## S-SİSTEM YÜZEY PARMAK FREZELER

S-SYSTEM END MILLS

S-SYSTEM SCHAFTFRÄSER

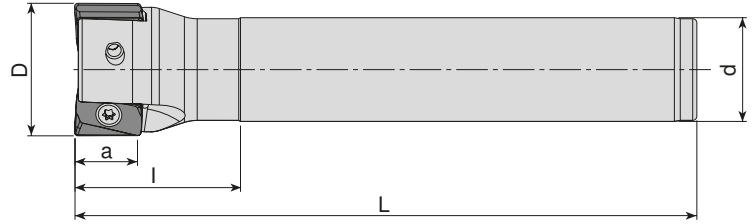
90°



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)						Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
		D	Z	d	L	l	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	
AEM90-AD1003-D16-C16-L150-Z02	●	16	2	16	150	30	8	ADMT 1003..	3008-M2.5x5	80-T08	
AEM90-AD1003-D17-C16-L150-Z02	●	17	2	16	150	25	8				
AEM90-AD1003-D20-C20-L200-Z03	●	20	3	20	200	50	8				
AEM90-AD1003-D21-C20-L150-Z03	●	21	3	20	150	25	8				
AEM90-AD1003-D21-C20-L200-Z03	●	21	3	20	200	25	8				
AEM90-AD1003-D25-C25-L200-Z03	●	25	3	25	200	50	8				
AEM90-AD1003-D26-C25-L150-Z03	●	26	3	25	150	30	8				
AEM90-AD1003-D26-C25-L200-Z03	●	26	3	25	200	30	8				
AEM90-AD1505D-D25-W25-L150-Z02	●	25	2	25	150	50	14.3	ADKT 150508	4015-M4x9	80-T15	
AEM90-AD1505D-D32-W32-L150-Z03	●	32	3	32	150	50	14.3		4015-M4x11		

DJT Ucuna Uygun. / Compatiple with DJT Insert. Kompatibel mit DJT Wendeplatten.

90°



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)						Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
		D	Z	d	L	l	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	
AEM90-AN11-D22-W20-L150-Z02	●	22	2	20	150	30	11	ANGX 110508	4010-M3x8	80-T10	
AEM90-AN11-D25-W25-L150-Z02	●	25	2	25	150	40	11				
AEM90-AN11-D25-C25-L200-Z02	●	25	2	25	200	40	11				
AEM90-AN11-D26-W25-L150-Z02	●	26	2	25	150	40	11				
AEM90-AN11-D28-W25-L150-Z02	●	28	2	25	150	25	11				
AEM90-AN11-D32-W32-L150-Z03	●	32	3	32	150	50	11				
AEM90-AN11-D32-C32-L200-Z03	●	32	3	32	200	50	11				
AEM90-AN11-D40-W32-L150-Z04	●	40	4	32	150	40	11				

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

● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage  
ZCC Ucuna Uygun. / Compatiple with ZCC Insert. Kompatibel mit ZCC Wendeplatten.

Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück AEM90-AD1003-D16-C16-L150-Z02

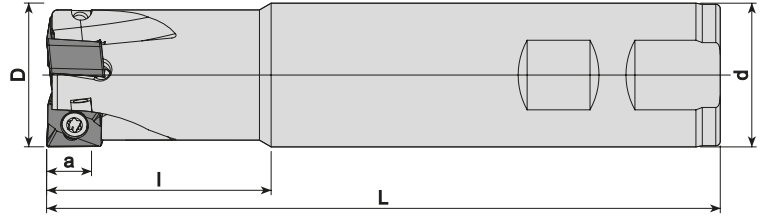
Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321



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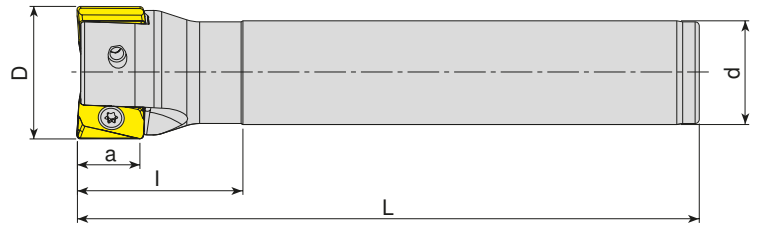
90°



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)						Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
		D	Z	d	L	l	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	
AEM90-AN1207-D25-W25-L150-Z02	●	25	2	25	150	40	10	ANKX 1207..		80-T15	
AEM90-AN1207-D32-W32-L150-Z03	●	32	3	32	150	50	10				
AEM90-AN1207-D40-W32-L150-Z04	●	40	4	32	150	40	10				

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

90°



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)						Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
		D	Z	d	L	l	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	
AEM90-AN1607-D32-C25-L150-Z02	●	32	2	25	150	50	15	AN.X 1607		80-T15	
AEM90-AN1607-D40-C32-L150-Z03	●	40	3	32	150	50	15				

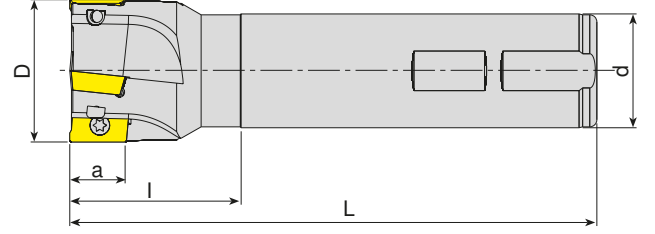
R: Sağ / Right / Rechts L: Sol/Left/Links

● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage  
TGTC Ucuna Uygunur. / Compatible with TGTC Insert. Kompatibel mit TGTC Wendeplatten.

Sipariş Örneği/Ordering Example/Bestellbeispiel  
1 ad./pcs./stück AEM90-AN1207-D25-W25-L150-Z02  
Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321



90°



Yedek Parçaları / Spare Parts / Ersatzteile

Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)						Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile	
		D	Z	d	L	l	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel
AEM90-AP06-D10-C10-L120-Z02	●	10	2	10	120	20	5.6	APMT 0602. KRLY UCUNA UYGUNDUR. FOR KRLY INSERT. FÜR KRLY	3006-M1.8x4	80-T06
AEM90-AP06-D12-C12-L120-Z02	●	12	2	12	120	20	5.6			
AEM90-AP0903-D16-C16-L150-Z02	●	16	2	16	150	30	9	APMT 0903..	3008-M2.5x5	
AEM90-AP0903-D17-C16-L150-Z02	●	17	2	16	150	30	9			
AEM90-AP0903-D20-C20-L150-Z02	●	20	2	20	150	30	9	KRLY UCUNA UYGUNDUR. FOR KRLY INSERT. Kompatibel mit Wendeschneidplatte KRLY	3008-M2.5x6	
AEM90-AP0903-D21-C20-L150-Z02	●	21	2	20	150	30	9			
AEM90-AP0903-D25-C25-L150-Z03	●	25	3	25	150	30	9	APKT 09T3..	3008-M2.5x5	80-T08
AEM90-AP09-D16-C16-L100-Z02-H	●	16	2	16	100	30	8.8			
AEM90-AP09-D16-C15-L150-Z02	●	16	2	15	150	25	8.8	TGTC UCUNA UYGUNDUR. FOR TGTC INSERT. Kompatibel mit Wendeschneidplatte TGTC	3008-M2.5x6	
AEM90-AP09-D16-W16-L150-Z02-H	●	16	2	16	150	25	8.8			
AEM90-AP09-D16-C16-L200-Z02-H	●	16	2	16	200	100	8.8	AP.. 1003.. ISO UCUNA UYGUNDUR. FOR ISO INSERT. Kompatibel mit Wendeschneidplatte ISO	3008-M2.5x5	
AEM90-AP09-D17-C16-L150-Z02	●	17	2	16	150	25	8.8			
AEM90-AP09-D17-C16-L180-Z02-H	●	17	2	16	180	25	8.8	AP.. 1003.. ISO UCUNA UYGUNDUR. FOR ISO INSERT. Kompatibel mit Wendeschneidplatte ISO	3008-M2.5x5	
AEM90-AP09-D20-C20-L150-Z03-H	●	20	3	20	150	50	8.8			
AEM90-AP09-D20-C20-L200-Z03-H	●	20	3	20	200	100	8.8	AP.. 1003.. ISO UCUNA UYGUNDUR. FOR ISO INSERT. Kompatibel mit Wendeschneidplatte ISO	3008-M2.5x5	
AEM90-AP09-D20-C20-L250-Z02-H	●	20	2	20	250	150	8.8			
AEM90-AP09-D21-C20-L150-Z03	●	21	3	20	150	25	8.8	AP.. 1003.. ISO UCUNA UYGUNDUR. FOR ISO INSERT. Kompatibel mit Wendeschneidplatte ISO	3008-M2.5x5	
AEM90-AP09-D26-C25-L150-Z04	●	26	4	25	150	30	8.8			
AEM90-AP10-D12-W16-L100-Z01-H	●	12	1	16	100	30	10	AP.. 1003.. ISO UCUNA UYGUNDUR. FOR ISO INSERT. Kompatibel mit Wendeschneidplatte ISO	3008-M2.5x5	
AEM90-AP10-D12-W16-L150-Z01	●	12	1	16	150	38	10			
AEM90-AP10-D14-W16-L100-Z01-H	●	14	1	16	100	30	10	AP.. 1003.. ISO UCUNA UYGUNDUR. FOR ISO INSERT. Kompatibel mit Wendeschneidplatte ISO	3008-M2.5x5	

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

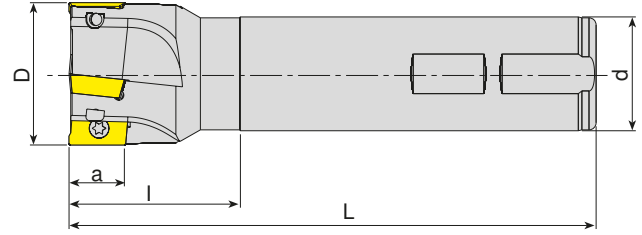
● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage

Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück AEM90-AP06-D10-C10-L120-Z02

Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321





**Takım Kodu**  
**Ordering Code**  
**Bestell-Bezeichnung**

Stok  
Stock  
Lager

Takım Ölçüleri (mm)  
Dimension (mm)  
Abmessung (mm)

Kesici Uç  
Insert  
Wendeschneidplatte

Yedek Parçaları / Spare Parts / Ersatzteile

Sıkma Vidası  
Screw  
Schraube

Tork Anahtar  
Torx Key  
Torx-Schlüssel

D

Z

d

L

l

a



AEM90-AP10-D14-W16-L150-Z01	●	14	1	16	150	38	10
AEM90-AP10-D16-C16-L100-Z02-H	●	16	2	16	100	30	10
AEM90-AP10-D16-W16-L100-Z02-H	●	16	2	16	100	30	10
AEM90-AP10-D16-C16-L120-Z02-H	●	16	2	16	120	30	10
AEM90-AP10-D16-C16-L150-Z02	●	16	2	16	150	50	10
AEM90-AP10-D16-C16-L150-Z02-H	●	16	2	16	150	50	10
AEM90-AP10-D16-W16-L150-Z02	●	16	2	16	150	50	10
AEM90-AP10-D16-C16-L200-Z02	●	16	2	16	200	100	10
AEM90-AP10-D16-C16-L200-Z02-H	●	16	2	16	200	100	10
AEM90-AP10-D16-C16-L250-Z02	●	16	2	16	250	50	10
AEM90-AP10-D18-W16-L100-Z02-H	●	18	2	16	100	30	10
AEM90-AP10-D18-W16-L150-Z02	●	18	2	16	150	30	10
AEM90-AP10-D20-C20-L100-Z03-H	●	20	3	20	100	30	10
AEM90-AP10-D20-W20-L100-Z03-H	●	20	3	20	100	30	10
AEM90-AP10-D20-C20-L120-Z03-H	●	20	3	20	120	30	10
AEM90-AP10-D20-C20-L150-Z03	●	20	3	20	150	50	10
AEM90-AP10-D20-C20-L150-Z03-H	●	20	3	20	150	50	10
AEM90-AP10-D20-W20-L150-Z03	●	20	3	20	150	50	10
AEM90-AP10-D20-C20-L200-Z02	●	20	2	20	200	100	10
AEM90-AP10-D20-C20-L200-Z03-H	●	20	3	20	200	100	10
AEM90-AP10-D20-C20-L250-Z02	●	20	2	20	250	150	10
AEM90-AP10-D20-C20-L250-Z02-H	●	20	2	20	250	150	10
AEM90-AP10-D21-W20-L150-Z03	●	21	3	20	150	30	10
AEM90-AP10-D22-W20-L100-Z03-H	●	22	3	20	100	30	10
AEM90-AP10-D22-W20-L150-Z03	●	22	3	20	150	30	10
AEM90-AP10-D23-W20-L150-Z03	●	23	3	20	150	30	10
AEM90-AP10-D24-W20-L150-Z03	●	24	3	20	150	30	10
AEM90-AP10-D25-W25-L100-Z04-H	●	25	4	25	100	30	10
AEM90-AP10-D25-C25-L100-Z03-H	●	25	3	25	100	30	10
AEM90-AP10-D25-W25-L100-Z03-H	●	25	3	25	100	30	10
AEM90-AP10-D25-C25-L120-Z03-H	●	25	3	25	120	30	10
AEM90-AP10-D25-C25-L150-Z03	●	25	3	25	150	50	10
AEM90-AP10-D25-W25-L150-Z03	●	25	3	25	150	50	10
AEM90-AP10-D25-C25-L200-Z02	●	25	2	25	200	100	10
AEM90-AP10-D25-C25-L200-Z03	●	25	3	25	200	100	10
AEM90-AP10-D25-C25-L250-Z02	●	25	2	25	250	100	10

AP.. 1003..

ISO UCUNA  
UYGUNDUR.  
FOR ISO INSERT.  
Kompatibel mit Wendeschneidplatte ISO

3008-M2.5x5

3008-M2.5x6

80-T08

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

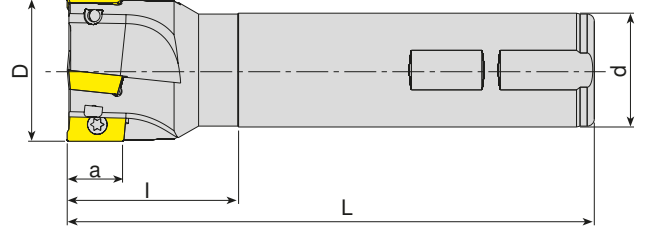
● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage










Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück AEM90-AP10-D14-W16-L150-Z01

Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321

90°



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)						Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile	
		D	Z	d	L	l	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel
AEM90-AP10-D30-C25-L100-Z04-H	●	30	4	25	100	30	10	 <b>AP.. 1003..</b> ISO UCUNA UYGUNDUR. FOR ISO INSERT. Kompatibel mit Wendeschneidplatte ISO	 3008-M2.5x6	
AEM90-AP10-D30-C25-L120-Z04-H	●	30	4	25	120	30	10			
AEM90-AP10-D30-C25-L150-Z04	●	30	4	25	150	30	10			
AEM90-AP10-D32-C25-L100-Z04-H	●	32	4	25	100	35	10			
AEM90-AP10-D32-C25-L120-Z04-H	●	32	4	25	120	35	10			
AEM90-AP10-D32-C25-L150-Z04	●	32	4	25	150	35	10			
AEM90-AP10-D32-W25-L150-Z04	●	32	4	25	150	35	10			
AEM90-AP10-D32-C32-L130-Z05	●	32	5	32	130	30	10			
AEM90-AP10-D32-W32-L150-Z04	●	32	4	32	150	50	10			
AEM90-AP10-D40-W32-L150-Z05	●	40	5	32	150	40	10			
AEM90-AP10D-D16-W16-L150-Z02	●	16	2	16	150	50	10	 <b>AP.. 1003..</b> DJT UCUNA UYGUNDUR. FOR DJT INSERT. Für DJT	 3008-M2.5x5	
AEM90-AP10D-D20-W20-L150-Z03	●	20	3	20	150	50	10			
AEM90-AP100-D16-C15-L150-Z02	●	16	2	15	150	30	10			
AEM90-AP100-D21-C20-L150-Z03	●	21	3	20	150	30	10			
AEM90-AP100-D26-C25-L150-Z04	●	26	4	25	150	35	10			
AEM90-AP100-D33-C32-L200-Z05	○	33	5	32	200	50	10			
AEM90-AP10S-D16-W16-L150-Z02	○	16	2	16	150	26	10			
AEM90-AP10S-D20-W20-L150-Z02	●	20	2	20	150	26	10			
AEM90-AP10S-D25-W25-L150-Z03	●	25	3	25	150	26	10			
AEM90-AP10S-D25-W25-L150-Z03-H	●	25	3	25	150	26	10			
AEM90-AP11-D16-C16-L150-Z02	●	16	2	16	150	50	11	 <b>AP.. 11T3..</b> ZCC UCUNA UYGUNDUR. FOR ZCC INSERT. Kompatibel mit Wendeschneidplatte ZCC	 3008-M2.5x6	
AEM90-AP11-D16-C16-L150-Z02-H	●	16	2	16	150	50	11			
AEM90-AP11-D16-W16-L150-Z02	●	16	2	16	150	50	11			
AEM90-AP11-D16-W16-L150-Z02-H	●	16	2	16	150	50	11			
AEM90-AP11-D16-C16-L200-Z02	●	16	2	16	200	100	11			
AEM90-AP11-D17-C16-L150-Z02	●	17	2	16	150	30	11			
AEM90-AP11-D17-C16-L200-Z02	●	17	2	16	200	30	11			
AEM90-AP11-D20-C20-L150-Z03	●	20	3	20	150	50	11			
AEM90-AP11-D20-W20-L150-Z03	●	20	3	20	150	50	11			
AEM90-AP11-D20-W20-L150-Z03-H	●	20	3	20	150	50	11			
AEM90-AP11-D20-C20-L200-Z03	●	20	3	20	200	100	11			
AEM90-AP11-D21-C20-L150-Z03	●	21	3	20	150	30	11			
AEM90-AP11-D21-W20-L150-Z03	●	21	3	20	150	30	11			
AEM90-AP11-D21-W20-L150-Z03-H	●	21	3	20	150	30	11			
AEM90-AP11-D21-C20-L200-Z03	●	21	3	20	200	30	11			
AEM90-AP11-D25-C25-L150-Z03	●	25	3	25	150	50	11			
AEM90-AP11-D25-W25-L150-Z03	●	25	3	25	150	50	11			
AEM90-AP11-D25-W25-L150-Z03-H	●	25	3	25	150	50	11			
AEM90-AP11-D26-C25-L150-Z03	●	26	3	25	150	35	11			
AEM90-AP11-D26-C24-L150-Z03	●	26	3	24	150	47	11			
AEM90-AP11-D32-W25-L150-Z04	●	32	4	25	150	35	11			
AEM90-AP11-D32-W32-L150-Z03-H	●	32	3	32	150	50	11			
AEM90-AP11-D32-W32-L150-Z04	●	32	4	32	150	50	11			

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

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

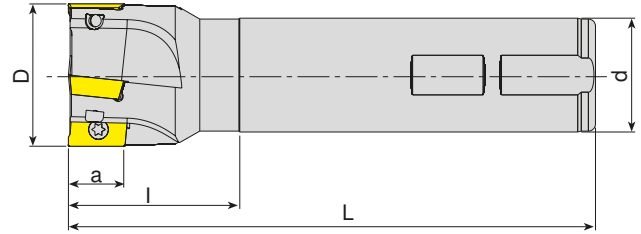
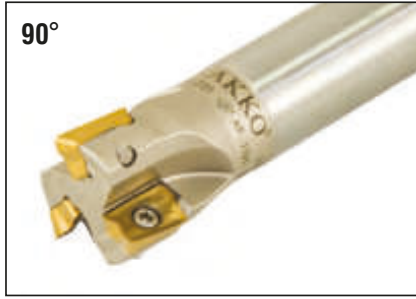


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Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück AEM90-AP10-D30-C25-L100-Z04-H

Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321



**Takım Kodu**  
**Ordering Code**  
**Bestell-Bezeichnung**

Stok  
Stock  
Lager

Takım Ölçüleri (mm)  
Dimension (mm)  
Abmessung (mm)

Kesici Uç  
Insert  
Wendeschneidplatte

Yedek Parçaları / Spare Parts / Ersatzteile

Sıkma Vidası  
Screw  
Schraube

Tork Anahtar  
Torx Key  
Torx-Schlüssel

Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	D	Z	d	L	l	a	Kesici Uç Insert Wendeschneidplatte	Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel
AEM90-AP1135A-D14-C16-L150-Z01	●	14	1	16	150	40	9.5	<b>APMT 1135..</b> <b>ACHTK UCUNA</b> <b>UYGUNDUR.</b> FOR ACHTK INSERT. Kompatibel mit Wendeschneidplatte ACHTK	3008-M2.5x5	80-T08
AEM90-AP1135A-D16-C16-L150-Z02	●	16	2	16	150	40	9.5			
AEM90-AP1135A-D16-C16-L200-Z02	●	16	2	16	200	100	9.5			
AEM90-AP1135A-D16-C16-L250-Z02	●	16	2	16	250	150	9.5			
AEM90-AP1135A-D17-C16-L180-Z02	●	17	2	16	180	30	9.5			
AEM90-AP1135A-D20-C20-L150-Z03	●	20	3	20	150	50	9.5			
AEM90-AP1135A-D20-C20-L200-Z02	●	20	2	20	200	100	9.5			
AEM90-AP1135A-D21-C20-L180-Z02	●	21	2	20	180	30	9.5			
AEM90-AP1135A-D25-C25-L200-Z03	●	25	3	25	200	100	9.5			
AEM90-AP1135A-D26-C25-L250-Z02	●	26	2	25	250	35	9.5			
AEM90-AP1135A-D33-C32-L250-Z02	●	33	2	32	250	35	9.5			
AEM90-AP110-D16-C15-L150-Z02	●	16	2	15	150	30	11	<b>AP.. 1135..</b> <b>B.OKE UCUNA UYGUNDUR.</b> FOR B.OKE INSERT Kompatibel mit Wendeschneidplatte B.OKE	3008-M2.5x5	
AEM90-AP110-D21-C20-L150-Z03	●	21	3	20	150	30	11		3008-M2.5x6	
AEM90-AP110-D26-C25-L150-Z04	●	26	4	25	150	35	11		3008-M2.5x6	
AEM90-AP110-D33-C32-L200-Z05	●	33	5	32	200	50	11		3008-M3x5	
AEM90-APK11G-D16-W16-L150-Z02	●	16	2	16	150	26	11		3008-M3x6	
AEM90-APK11G-D20-W20-L150-Z03	●	20	3	20	150	26	11	<b>AP.. 1135..</b> <b>XTC-GSC UCUNA</b> <b>UYGUNDUR.</b> FOR XTC-GSC INSERT. Kompatibel mit Wendeschneidplatte XTC-GSC	3008-M2.5x6	
AEM90-APK11G-D25-W25-L150-Z03	●	25	3	25	150	26	11		3008-M3x5	
AEM90-AP1135-D16-W16-L110-Z02-H	●	16	2	16	110	30	9.5			
AEM90-AP1135-D16-W16-L150-Z02	●	16	2	16	150	50	9.5			
AEM90-AP1135-D20-W20-L125-Z03-H	●	20	3	20	125	30	9.5			
AEM90-AP1135-D20-W20-L150-Z03	●	20	3	20	150	50	9.5			
AEM90-AP1135-D25-W25-L125-Z04-H	●	25	4	25	125	30	9.5			
AEM90-AP1135-D25-W25-L200-Z04-H	●	25	4	25	200	100	9.5			
AEM90-AP1135-D32-W32-L125-Z05-H	●	32	5	32	125	30	9.5			
AEM90-AP1135-D32-W32-L200-Z04-H	●	32	4	32	200	100	9.5			
AEM90-AP1204-D20-C20-L150-Z02	●	20	2	20	150	30	12	<b>AP.. 1204..</b> <b>TGTC UCUNA</b> <b>UYGUNDUR.</b> FOR TGTC INSERT. Kompatibel mit Wendeschneidplatte TGTC	3010-M3.5x7	80-T10
AEM90-AP1204-D21-C20-L150-Z02	●	21	2	20	150	30	12		3010-M3.5x9	
AEM90-AP1204-D21-C20-L200-Z02	●	21	2	20	200	30	12			
AEM90-AP1204-D25-C25-L150-Z03	●	25	3	25	150	40	12			
AEM90-AP1204-D26-C25-L250-Z02	●	26	2	25	250	35	12			
AEM90-AP1204-D32-C25-L150-Z03	●	32	3	25	150	35	12	<b>AP.. 1604..</b> <b>ISO UCUNA</b> <b>UYGUNDUR.</b> FOR ISO INSERT. Kompatibel mit Wendeschneidplatte ISO	4015-M4x9	80-T15
AEM90-AP16-D25-C20-L100-Z02	●	25	2	20	100	35	16			
AEM90-AP16-D25-W25-L100-Z02-H	●	25	2	25	100	35	16			
AEM90-AP16-D25-W25-L150-Z02	●	25	2	25	150	50	16			
AEM90-AP16-D25-C25-L250-Z02	●	25	2	25	250	100	16			
AEM90-AP16-D28-W25-L100-Z03-H	●	28	3	25	100	40	16			
AEM90-AP16-D28-W25-L150-Z03	●	28	3	25	150	40	16			
AEM90-AP16-D30-W25-L110-Z03-H	●	30	3	25	110	40	16			
AEM90-AP16-D30-W25-L150-Z02	●	30	2	25	150	40	16			

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

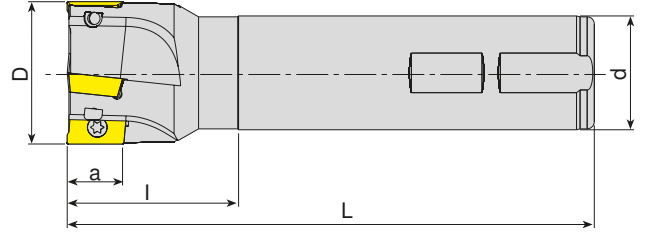
● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage




Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück AEM90-AP1135A-D14-C16-L150-Z01

Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321



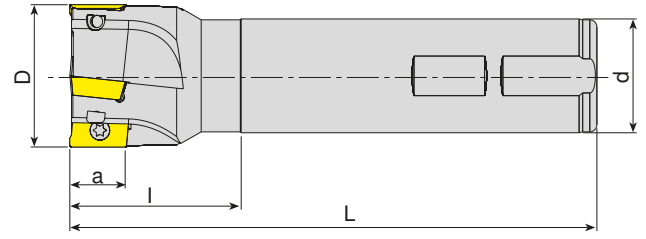




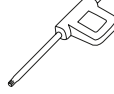



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)						Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile	
		D	Z	d	L	l	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel
AEM90-AP16-D30-W25-L150-Z03	●	30	3	25	150	40	16	 <b>AP.. 1604..</b> <b>ISO UCUNA UYGUNDUR.</b> FOR ISO INSERT Kompatibel mit Wendeschneidplatte ISO	 4015-M4x9	 80-T15
AEM90-AP16-D32-W32-L110-Z03-H	●	32	3	32	110	40	16			
AEM90-AP16-D32-C32-L150-Z03	●	32	3	32	150	50	16			
AEM90-AP16-D32-W25-L150-Z03	●	32	3	25	150	40	16			
AEM90-AP16-D32-W32-L150-Z03	●	32	3	32	150	50	16			
AEM90-AP16-D32-W32-L150-Z03-H	●	32	3	32	150	50	16			
AEM90-AP16-D32-C25-L200-Z03-H	●	32	3	25	200	40	16			
AEM90-AP16-D32-C32-L250-Z02	●	32	2	32	250	100	16			
AEM90-AP16-D32-C32-L250-Z03	●	32	3	32	250	100	16			
AEM90-AP16-D35-W32-L150-Z03	●	35	3	32	150	40	16			
AEM90-AP16-D36-W32-L110-Z03-H	●	36	3	32	110	40	16			
AEM90-AP16-D36-W32-L150-Z03	●	36	3	32	150	40	16			
AEM90-AP16-D40-W32-L110-Z04-H	●	40	4	32	110	40	16			
AEM90-AP16-D40-C32-L150-Z04	●	40	4	32	150	40	16			
AEM90-AP16-D40-W32-L150-Z04	●	40	4	32	150	40	16			
AEM90-AP16-D40-C32-L250-Z02	●	40	2	32	250	40	16			
AEM90-AP16-D40-C32-L250-Z04	●	40	4	32	250	40	16			
AEM90-AP16DJ-D25-W25-L150-Z02	●	25	2	25	150	50	16			
AEM90-AP16DJ-D25-C25-L200-Z02	●	25	2	25	200	50	16			
AEM90-AP16DJ-D32-W32-L150-Z03	●	32	3	32	150	50	16			
AEM90-AP16DJ-D32-C32-L180-Z03	●	32	3	32	180	50	16			
AEM90-AP16DJ-D32-C32-L200-Z03	●	32	3	32	200	50	16			
AEM90-AP16L-D25-C25-L120-Z02-H	●	25	2	25	120	45	16	<b>AP.. 1604..</b> <b>LMN UCUNA UYGUNDUR.</b> FOR LMN INSERT. Kompatibel mit Wendeschneidplatte LMN	4015-M4x9	80-T15
AEM90-AP16L-D25-C25-L150-Z02	●	25	2	25	150	55	16			
AEM90-AP16L-D25-C25-L200-Z02	●	25	2	25	200	55	16			
AEM90-AP16L-D25-C25-L250-Z02	●	25	2	25	250	100	16			
AEM90-AP16L-D32-C32-L120-Z03-H	●	32	3	32	120	45	16			
AEM90-AP16L-D32-C32-L150-Z03	●	32	3	32	150	55	16			
AEM90-AP16L-D32-C32-L200-Z03	●	32	3	32	200	55	16			
AEM90-AP16L-D32-C32-L250-Z03	●	32	3	32	250	100	16			
AEM90-AP16L-D40-C32-L120-Z04-H	●	40	4	32	120	40	16			
AEM90-AP16L-D40-C32-L150-Z04	●	40	4	32	150	40	16			
AEM90-AP16L-D40-C32-L200-Z04	●	40	4	32	200	40	16			
AEM90-AP16L-D40-C32-L250-Z04	●	40	4	32	250	40	16			

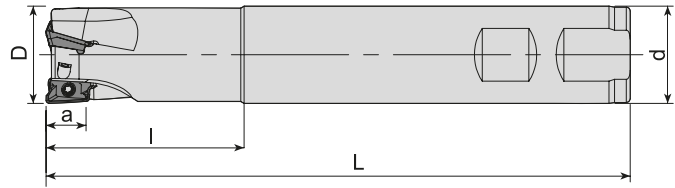
R: Sağ / Right / Rechts L: Sol/Left/Links  
● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage




Sipariş Örneği/Ordering Example/Bestellbeispiel  
1 ad./pcs./stück AEM90-AP16-D30-W25-L150-Z03  
Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321





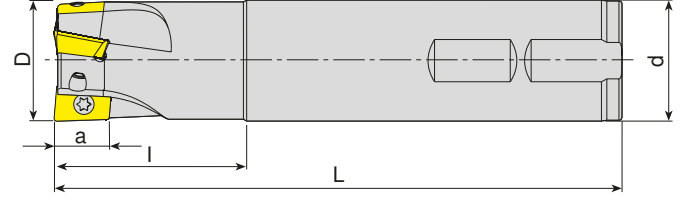
Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)						Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile	
		D	Z	d	L	l	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel
AEM90-AP16P-D25-W25-L100-Z02-H	●	25	2	25	100	35	16	 <b>AP.. 1604..</b> PLBT UCUNA UYGUNDUR. FOR PLBT INSERT. Kompatibel mit Wendeschneidplatte PLBT	 4015-M4x9	 80-T15
AEM90-AP16P-D25-W25-L150-Z02	●	25	2	25	150	50	16			
AEM90-AP16P-D32-W32-L150-Z03	●	32	3	32	150	50	16			
AEM90-AP16P-D32-C32-L250-Z02	●	32	2	32	250	100	16			
AEM90-AP16P-D40-W32-L150-Z04	●	40	4	32	150	50	16	 <b>AP.. 1705..</b> TGTC-LMN UCUNA UYGUNDUR. FOR TGTC-LMN INSERT. Kompatibel mit Wendeschneidplatte TGTC-LMN	 4015-M4x9	 80-T15
AEM90-AP1705-D25-C25-L120-Z02	●	25	2	25	120	40	16			
AEM90-AP1705-D26-C25-L200-Z02	●	26	2	25	200	40	16			
AEM90-AP1705-D26-C25-L250-Z02	●	26	2	25	250	40	16			
AEM90-AP1705-D26-C25-L300-Z02	○	26	2	25	300	40	16			
AEM90-AP1705-D28-W25-L075-Z02	●	28	2	25	75	20	16			
AEM90-AP1705-D32-C25-L150-Z03	●	32	3	25	150	40	16			
AEM90-AP1705-D33-C32-L250-Z03	●	33	3	32	250	40	16			
AEM90-AP1705-D33-C32-L300-Z02	●	33	2	32	300	40	16			



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)						Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile	
		D	Z	d	L	l	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel
AEM90-A01236-D16-W16-L150-Z02	●	16	2	16	150	50	12	 <b>A0..1236..</b>	 3008-M2.5x6	 80-T08
AEM90-A01236-D20-C20-L100-Z02	○	20	2	20	100	30	12			
AEM90-A01236-D25-C25-L115-Z02	○	25	2	25	150	50	12			
AEM90-A01236-D25-W25-L150-Z03	●	25	3	25	150	50	12			
AEM90-A01236-D32-W32-L150-Z04	●	32	4	32	150	50	12			

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

Sipariş Örneği / Ordering Example / Bestellbeispiel  
 1 ad./pcs./stück AEM90-AP16-D30-W25-L150-Z03  
 Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)						Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile	
		D	Z	d	L	l	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel
AEM90-AX0602-D10-C09-L120-Z02	●	10	2	9	120	20	5.7	AX.. 0602	3006-M1.8x4	80-T06
AEM90-AX0602-D10-C10-L080-Z02	●	10	2	10	80	20	5.7			
AEM90-AX0602-D10-C10-L120-Z02	●	10	2	10	120	20	5.7			
AEM90-AX0602-D12-C11-L120-Z02	●	12	2	11	120	20	5.7			
AEM90-AX0602-D12-C12-L080-Z02	●	12	2	12	80	20	5.7			
AEM90-AX0602-D12-C12-L120-Z02	●	12	2	12	120	20	5.7			
AEM90-AX0602-D14-C12-L120-Z03	●	14	3	12	120	20	5.7			
AEM90-AX0602-D16-W16-L120-Z04-H	●	16	4	16	120	20	5.7			
AEM90-AX0602-D16-W16-L150-Z04-H	●	16	4	16	150	20	5.7			
AEM90-AX0602-D20-W20-L120-Z05-H	●	20	5	20	120	25	5.7			
AEM90-AX0602-D20-W20-L150-Z05-H	●	20	5	20	150	25	5.7			
AEM90-AX0903-D16-C16-L120-Z02	●	16	2	16	120	30	8.8	AX.. 0903	3008-M2.5x5	80-T08
AEM90-AX0903-D16-C16-L180-Z02	●	16	2	16	180	30	8.8			
AEM90-AX0903-D17-C16-L120-Z02	●	17	2	16	120	25	8.8			
AEM90-AX0903-D17-C16-L180-Z02	●	17	2	16	180	25	8.8			
AEM90-AX0903-D20-C20-L120-Z03	●	20	3	20	120	30	8.8			
AEM90-AX0903-D20-C20-L200-Z02	●	20	2	20	200	30	8.8			
AEM90-AX0903-D21-C20-L120-Z03	●	21	3	20	120	25	8.8			
AEM90-AX0903-D21-C20-L200-Z02	●	21	2	20	200	25	8.8			
AEM90-AX0903-D25-C25-L150-Z03	●	25	3	25	150	30	8.8			
AEM90-AX0903-D25-C25-L250-Z02	●	25	2	25	250	40	8.8			
AEM90-AX0903-D26-C25-L150-Z03	●	26	3	25	150	30	8.8			

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

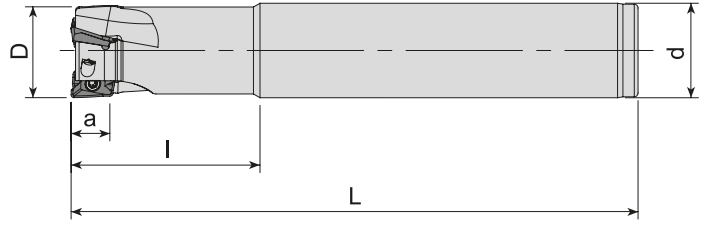
● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage  
TGTC Ucuna Uygunudur. / Compatible with TGTC Insert. Kompatibel mit TGTC Wendeplatten.

Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück AX0602-D10-C09-L120-Z02

Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321





Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)						Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile				
		D	Z	d	L	l	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel			
AEM90-AX1235-D16-C14-L120-Z02-H	●	16	2	14	120	25	10	AX.T 1235..	3008-M3x6	80-T08			
AEM90-AX1235-D16-C15-L145-Z02-H	●	16	2	15	145	30	10				3108-M3x6		
AEM90-AX1235-D16-C16-L100-Z02-H	●	16	2	16	100	30	10				3008-M3x6		
AEM90-AX1235-D16-C16-L140-Z02-H	●	16	2	16	140	30	10				3108-M3x6		
AEM90-AX1235-D16-C16-L145-Z02-H	●	16	2	16	145	30	10				3008-M3x6		
AEM90-AX1235-D16-C16-L150-Z02	●	16	2	16	150	30	10				3108-M3x6		
AEM90-AX1235-D20-C19-L150-Z02-H	●	20	2	19	150	40	10				3008-M3x6		
AEM90-AX1235-D20-C20-L110-Z03-H	●	20	3	20	110	40	10				3108-M3x6		
AEM90-AX1235-D20-C20-L150-Z02	●	20	2	20	150	40	10				3008-M3x6		
AEM90-AX1235-D20-C20-L150-Z02-H	●	20	2	20	150	40	10				3108-M3x6		
AEM90-AX1235-D20-C20-L150-Z03	●	20	3	20	150	40	10				3008-M3x6		
AEM90-AX1235-D25-C20-L120-Z04-H	●	25	4	20	120	30	10				3108-M3x6		
AEM90-AX1235-D25-C20-L150-Z04-H	●	25	4	20	150	30	10				3008-M3x6		
AEM90-AX1235-D25-C24-L170-Z02-H	●	25	2	24	170	50	10				3108-M3x6		
AEM90-AX1235-D25-C25-L120-Z04-H	●	25	4	25	120	40	10				3008-M3x6		
AEM90-AX1235-D25-C25-L150-Z03	●	25	3	25	150	50	10				3108-M3x6		
AEM90-AX1235-D25-C25-L170-Z02-H	●	25	2	25	170	50	10				3008-M3x6		
AEM90-AX1235-D25-W25-L100-Z04-H	●	25	4	25	100	30	10				3108-M3x6		
AEM90-AX1235-D32-C32-L130-Z05-H	●	32	5	32	130	40	10				AX.T 1705..	4015-M4x9	80-T15
AEM90-AX1235-D32-C32-L180-Z02-H	●	32	2	32	180	50	10						
AEM90-AX1705-D25-C25-L150-Z02	●	25	2	25	150	50	14						
AEM90-AX1705-D28-W25-L115-Z02-H	●	28	2	25	115	35	14						
AEM90-AX1705-D32-C32-L150-Z03	●	32	3	32	150	50	14						
AEM90-AX1705-D32-C32-L180-Z02-H	●	32	2	32	180	50	14						

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

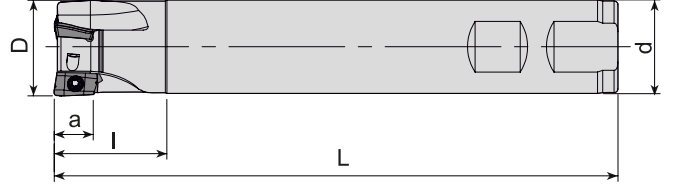
● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage  
SMTM Ucuna Uygunudur. / Compatible with SMTM Insert. Kompatibel mit SMTM Wendepatten.

Sipariş Örneği/Ordering Example/Bestellbeispiel




1 ad./pcs./stück AX0235-D16-C14-L120-Z02-H

Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321

90°



Yedek Parçaları / Spare Parts / Ersatzteile

Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)						Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile	
		D	Z	d	L	l	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel
AEM90-AZ11-D12-W16-L90-Z01	●	12	1	16	90	30	11			
AEM90-AZ11-D16-C16-L200-Z02	●	16	2	16	200	100	11			
AEM90-AZ11-D16-W15-L170-Z02	●	16	2	15	170	50	11			
AEM90-AZ11-D16-W16-L100-Z02	●	16	2	16	100	35	11			
AEM90-AZ11-D16-W16-L150-Z02	●	16	2	16	150	50	11			
AEM90-AZ11-D17-C16-L150-Z02	●	17	2	16	150	30	11			
AEM90-AZ11-D17-C16-L180-Z02	●	17	2	16	180	50	11			
AEM90-AZ11-D17-W16-L100-Z02	●	17	2	16	100	30	11			
AEM90-AZ11-D20-C20-L200-Z03	●	20	3	20	200	100	11			
AEM90-AZ11-D20-W19-L170-Z03	●	20	3	19	170	50	11			
AEM90-AZ11-D20-W20-L110-Z02	●	20	2	20	110	35	11			
AEM90-AZ11-D21-C20-L150-Z03	●	21	3	20	150	30	11			
AEM90-AZ11-D21-C20-L180-Z03	●	21	3	20	180	50	11			
AEM90-AZ11-D21-W20-L110-Z03	●	21	3	20	110	35	11			
AEM90-AZ11-D25-C24-L180-Z04	●	25	4	24	180	50	11			
AEM90-AZ11-D25-W25-L110-Z04	●	25	4	25	110	40	11			
AEM90-AZ11-D26-C25-L250-Z02	●	26	2	25	250	50	11			
AEM90-AZ11-D26-W25-L120-Z03	●	26	3	25	120	30	11			
AEM90-AZ11-D26-W25-L120-Z04	●	26	4	25	120	40	11			
AEM90-AZ11-D28-C25-L250-Z02	●	28	2	25	250	50	11			
AEM90-AZ11-D33-W32-L130-Z04	●	33	4	32	130	50	11			

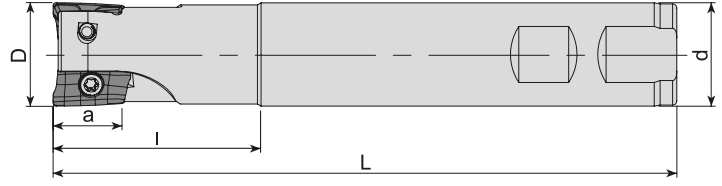
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
● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage  
ZCC Uçuna Uygunudur. / Compatible with ZCC Insert. Kompatibel mit ZCC Wendeplatten.

Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück AEM90-AZ11-D12-W16-L90-Z01

Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)						Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
		D	Z	d	L	l	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	
AEM90-BD11T3-D16-C15-L180-Z02	●	16	2	15	180	50	10				
AEM90-BD11T3-D16-C16-L100-Z02-H	●	16	2	16	100	30	10				
AEM90-BD11T3-D16-W16-L100-Z02-H	●	16	2	16	100	30	10				
AEM90-BD11T3-D16-W16-L150-Z02	●	16	2	16	150	50	10				
AEM90-BD11T3-D17-W16-L150-Z02	●	17	2	16	150	25	10				
AEM90-BD11T3-D17-C16-L180-Z02	●	17	2	16	180	50	10				
AEM90-BD11T3-D18-W16-L100-Z02	●	18	2	16	100	25	10				
AEM90-BD11T3-D18-W16-L100-Z02-H	●	18	2	16	100	25	10				
AEM90-BD11T3-D20-W20-L100-Z02-H	●	20	2	20	100	30	10				
AEM90-BD11T3-D20-W20-L100-Z03-H	●	20	3	20	100	30	10				
AEM90-BD11T3-D20-C20-L110-Z03-H	●	20	3	30	110	30	10				
AEM90-BD11T3-D20-W20-L150-Z02	●	20	2	20	150	50	10				
AEM90-BD11T3-D20-W20-L150-Z03	●	20	3	20	150	50	10				
AEM90-BD11T3-D21-W20-L150-Z03	●	21	3	20	150	25	10				
AEM90-BD11T3-D21-C20-L200-Z02	●	21	2	20	200	25	10				
AEM90-BD11T3-D22-W20-L090-Z02-H	●	22	2	20	90	25	10				
AEM90-BD11T3-D25-W25-L100-Z03-H	●	25	3	25	100	30	10				
AEM90-BD11T3-D25-C25-L120-Z03-H	●	25	3	25	120	30	10				
AEM90-BD11T3-D25-W25-L150-Z03	●	25	3	25	150	50	10				
AEM90-BD11T3-D26-W25-L150-Z03	●	26	3	25	150	35	10				
AEM90-BD11T3-D26-C25-L250-Z02	●	26	2	25	250	35	10				
AEM90-BD11T3-D32-W32-L110-Z04-H	●	32	4	32	110	40	10				
AEM90-BD11T3-D32-C32-L130-Z04-H	●	32	4	32	130	40	10				
AEM90-BD11T3-D32-W32-L150-Z04	●	32	4	32	150	50	10				
AEM90-BD11T3-D40-W32-L110-Z04-H	●	40	4	32	110	35	10				
AEM90-BD1704-D25-W25-L100-Z02-H	●	25	2	25	100	35	15.7				
AEM90-BD1704-D25-W25-L150-Z02	●	25	2	25	150	50	15.7				
AEM90-BD1704-D32-W32-L110-Z03-H	●	32	3	32	110	40	15.7				
AEM90-BD1704-D32-W32-L150-Z03	●	32	3	32	150	50	15.7				
AEM90-BD1704-D40-W32-L110-Z04-H	●	40	4	32	110	40	15.7				
AEM90-BD1704-D40-W32-L150-Z04	●	40	4	32	150	40	15.7				

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

● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage  
KYCR Ucuna Uygundur. / Compatible with KYCR Insert. Kompatibel mit KYCR Wendepplatten.

Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück AEM90-BD11T3-D16-C15-L180-Z02

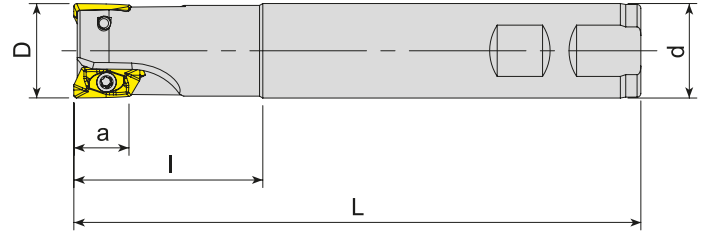
Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321



# S-SİSTEM YÜZEY PARMAK FREZELER

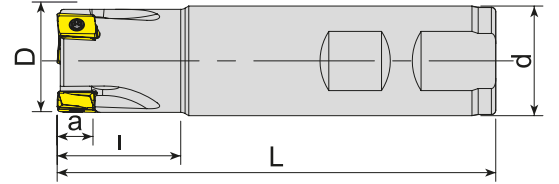
S-SYSTEM END MILLS

S-SYSTEM SCHAFTFRÄSER



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)						Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
		D	Z	d	L	I	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	
AEM90-ED10T3-D16-W16-L120-Z02	●	16	2	16	120	30	30	EDPT 10T3..	3008-M2.5x5	80-T08	
AEM90-ED10T3-D20-W20-L120-Z02	●	20	2	20	120	30	30		3008-M2.5x6		
AEM90-ED1404-D20-W20-L150-Z02	●	20	2	20	150	50	14.5	EDPT 1404..	3008-M3x6		
AEM90-ED1404-D25-W25-L150-Z02	●	25	2	25	150	50	14.5				
AEM90-ED1404-D30-C25-L150-Z03	●	30	3	25	150	50	14.5				

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



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)						Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
		D	Z	d	L	I	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	
AEM90-LN08-D16-W16-L100-Z02-H	●	16	2	16	100	28	8	LNMT 0804..	1707-U4-48x6	80-T07	
AEM90-LN08-D16-W16-L150-Z02	●	16	2	16	150	40	8				
AEM90-LN08-D20-W20-L100-Z03-H	●	20	3	20	100	28	8				
AEM90-LN08-D25-W25-L100-Z03-H	●	25	3	25	100	30	8				
AEM90-LN08-D32-W32-L110-Z05-H	●	32	5	32	110	30	8				

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

● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage  
ISCR Ucuna Uygundur. / Compatible with ISCR Insert. Kompatibel mit ISCR Wendeplatten.

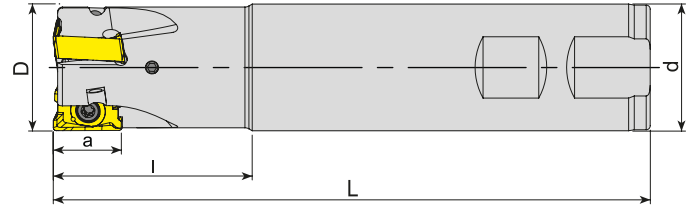
Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück AEM90-ED10T3-D16-W16-L120-Z02

Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321

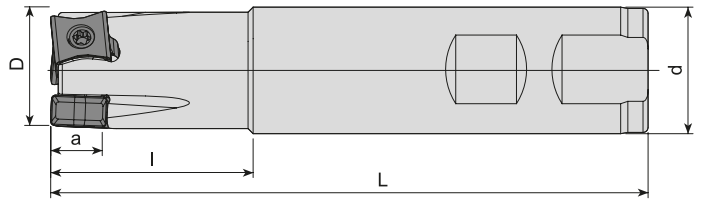


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Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)						Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
		D	Z	d	L	l	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	
AEM90-LN15T6-D25-W25-L150-Z02-H	●	25	2	25	150	50	15.5	LNGU 15T6..		80-T15	
AEM90-LN15T6-D32-W32-L150-Z03-H	●	32	3	32	150	50	15.5				
AEM90-LN15T6-D40-W32-L150-Z03-H	●	40	3	32	150	40	15.5				

KNMNTL Ucuna Uygunur. / Compatible with KNMNTL Insert. Kompatibel mit KNMNTL 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		
		D	Z	d	L	l	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	
AEM90-LN1106-D25-W25-L150-Z03	●	25	3	25	150	40	10	LNMT 1106..		80-T15	
AEM90-LN1106-D32-W32-L150-Z04	●	32	4	32	150	40	10				
AEM90-LN1106-D40-W32-L150-Z05	●	40	5	32	150	40	10				

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

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

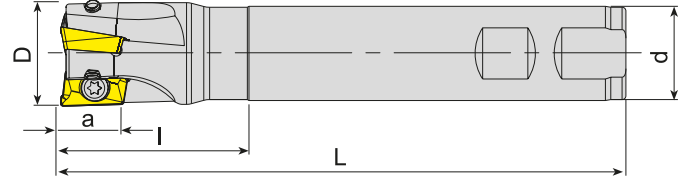
ISCR-XTC-GSC Ucuna Uygunur. / Compatible with ISCR-XTC-GSC Insert. Kompatibel mit ISCR-XTC-GSC Wendeplatten.

Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück AEM90-LN15T6-D25-W25-L150-Z02-H

Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321

90



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)						Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
		D	Z	d	L	l	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	
AEM90-R390.11-D16-W16-L100-Z02-H	●	16	2	16	100	30	10	R390-11T3..	3008-M2.5x5		
AEM90-R390.11-D16-W16-L150-Z02	●	16	2	16	150	50	10				
AEM90-R390.11-D16-W16-L150-Z02-H	●	16	2	16	150	50	10				
AEM90-R390.11-D20-W20-L090-Z02-H	●	20	2	20	90	30	10				
AEM90-R390.11-D20-W20-L100-Z03-H	●	20	3	20	100	30	10				
AEM90-R390.11-D20-W20-L150-Z03	●	20	3	20	150	50	10				
AEM90-R390.11-D20-W20-L150-Z03-H	●	20	3	20	150	50	10				
AEM90-R390.11-D20-C20-L150-Z03	●	20	3	20	150	30	10				
AEM90-R390.11-D22-W20-L090-Z02-H	●	22	2	20	90	30	10				
AEM90-R390.11-D25-C20-L150-Z03	●	25	3	20	150	40	10				
AEM90-R390.11-D25-W25-L100-Z03-H	●	25	3	25	100	30	10				
AEM90-R390.11-D25-W25-L150-Z03	●	25	3	25	150	50	10				
AEM90-R390.11-D25-W25-L150-Z03-H	●	25	3	25	150	50	10				
AEM90-R390.11-D30-W25-L150-Z04-H	●	30	4	25	150	30	10				
AEM90-R390.11-D32-C25-L200-Z03	●	32	3	25	200	40	10				
AEM90-R390.11-D32-W32-L150-Z05-H	●	32	5	32	150	50	10				
AEM90-R390.17-D25-W25-L150-Z02	●	25	2	25	150	50	15.4	R390-1704..	4015-M3.5x8	80-T15	
AEM90-R390.17-D25-W25-L150-Z02-H	●	25	2	25	150	50	15.4				
AEM90-R390.17-D30-W25-L150-Z03	●	30	3	25	150	40	15.4				
AEM90-R390.17-D30-W25-L150-Z03-H	●	30	3	25	150	40	15.4				
AEM90-R390.17-D32-W32-L150-Z03-H	●	32	3	32	150	40	15.4				
AEM90-R390.18-D32-C32-L150-Z03	●	32	3	32	150	45	15.4				

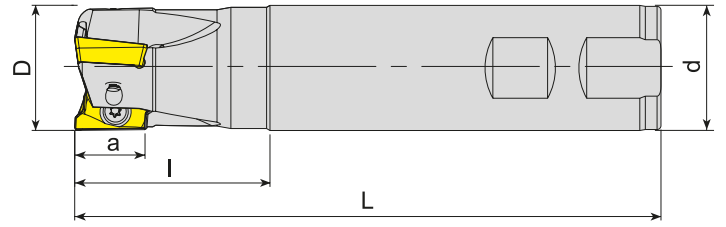
R: Sağ / Right / Rechts L: Sol/Left/Links

● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage  
SNDVK Ucuna Uygunudur. / Compatible with SNDVK Insert. Kompatibel mit SNDVK Wendeplatten.

Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück AEM90-R390.11-D16-W16-L100-Z02-H

Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321



**Takım Kodu**  
**Ordering Code**  
**Bestell-Bezeichnung**

Stok  
Stock  
Lager

Takım Ölçüleri (mm)  
Dimension (mm)  
Abmessung (mm)

Kesici Uç  
Insert  
Wendeschneidplatte

Yedek Parçaları / Spare Parts / Ersatzteile

Sıkma Vidası  
Screw  
Schraube

Tork Anahtar  
Torx Key  
Torx-Schlüssel

		D	Z	d	L	l	a			
AEM90-RT07-D10-W10-L120-Z02	●	10	2	10	120	30	7	RT 0702	3006-M2x4	80-T06
AEM90-RT07-D12-C12-L120-Z02	●	12	2	12	120	30	7			
AEM90-RT07-D12-W12-L120-Z02	●	12	2	12	120	30	7			
AEM90-RT07-D14-W12-L120-Z02	●	14	2	12	120	30	7	RT 1003	3008-M2.5x6	80-T08
AEM90-RT10-D16-C15-L160-Z02	●	16	2	15	160	30	10			
AEM90-RT10-D16-W16-L120-Z02-H	●	16	2	16	120	30	10			
AEM90-RT10-D16-W16-L150-Z02	●	16	2	16	150	50	10			
AEM90-RT10-D16-C16-L200-Z02	●	16	2	16	200	100	10			
AEM90-RT10-D17-W16-L160-Z02	●	17	2	16	160	30	10			
AEM90-RT10-D17-C16-L200-Z02	●	17	2	16	200	30	10			
AEM90-RT10-D18-W16-L120-Z02-H	●	18	2	16	120	30	10			
AEM90-RT10-D20-C19-L200-Z03	●	20	3	19	200	30	10			
AEM90-RT10-D20-C20-L110-Z03	●	20	3	20	110	30	10			
AEM90-RT10-D20-W20-L120-Z03-H	●	20	3	20	120	30	10			
AEM90-RT10-D20-W20-L150-Z03	●	20	3	20	150	50	10			
AEM90-RT10-D20-C20-L200-Z03	●	20	3	20	200	100	10			
AEM90-RT10-D21-W20-L200-Z03	●	21	3	20	200	30	10			
AEM90-RT10-D22-W20-L120-Z03-H	●	22	3	20	120	30	10			
AEM90-RT10-D22-C20-L150-Z03	●	22	3	20	150	30	10			
AEM90-RT10-D22-C20-L200-Z03	●	22	3	20	200	30	10			
AEM90-RT10-D25-W25-L120-Z04-H	●	25	4	25	120	40	10			
AEM90-RT10-D25-W25-L150-Z04	●	25	4	25	150	50	10			
AEM90-RT10-D25-C25-L200-Z04	●	25	4	25	200	100	10			
AEM90-RT10-D26-C25-L250-Z04	●	26	4	25	250	32	10			
AEM90-RT10-D32-W32-L120-Z05-H	●	32	5	32	120	50	10			
AEM90-RT10-D32-W32-L150-Z05	●	32	5	32	150	50	10			
AEM90-RT10-D32-C32-L200-Z05	●	32	5	32	200	100	10			
AEM90-RT10-D33-C32-L250-Z04	●	33	4	32	250	32	10			
AEM90-RT13-D32-C32-L250-Z04	●	32	4	32	250	50	13	RT 1304	3008-M3x8	
AEM90-RT16-D25-W25-L120-Z02-H	●	25	2	25	120	40	16	RT 1606	4015-M4x9	80-T15
AEM90-RT16-D25-W25-L150-Z02	●	25	2	25	150	50	16			
AEM90-RT16-D25-C25-L200-Z02	●	25	2	25	200	100	16			
AEM90-RT16-D32-W32-L120-Z03-H	●	32	3	32	120	50	16			
AEM90-RT16-D32-W32-L150-Z03	●	32	3	32	150	50	16			
AEM90-RT16-D32-C32-L200-Z03	●	32	3	32	200	100	16			
AEM90-RT16-D32-C32-L250-Z03	●	32	3	32	250	100	16			
AEM90-RT16-D32-C32-L270-Z03	●	32	3	32	270	100	16			
AEM90-RT16-D40-W32-L120-Z04-H	●	40	4	32	120	50	16			
AEM90-RT16-D40-W32-L150-Z04	●	40	4	32	150	50	16			
AEM90-RT16-D40-C32-L200-Z04	●	40	4	32	200	100	16		4015-M4x11	

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

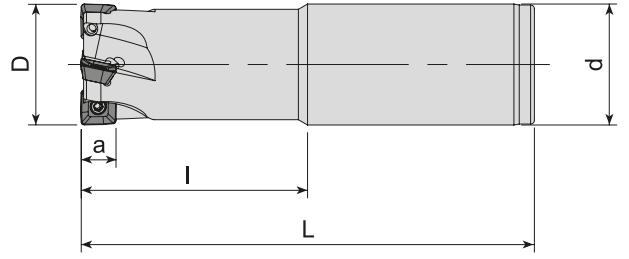
● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage  
SFTY Ucuna Uygunudur. / Compatible with SFTY Insert. Kompatibel mit SFTY Wendeplatten.

Sipariş Örneği/Ordering Example/Bestellbeispiel

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

Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321

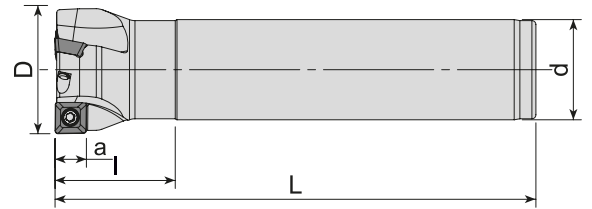
90°



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)						Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
		D	Z	d	L	l	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	
AEM90-SE09-D25-C25-L120-Z03-H	●	25	3	25	120	60	6.7	SEET 09T3..	3008-M3x8	80-T08	
AEM90-SE09-D25-C25-L150-Z02	●	25	2	25	150	50	6.7				
AEM90-SE09-D32-C32-L120-Z04-H	●	32	4	32	120	60	6.7				
AEM90-SE09-D32-C32-L150-Z03	●	32	3	32	150	50	6.7				

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

90°



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)						Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
		D	Z	d	L	l	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	
AEM90-S00803-D20-C16-L110-Z02-H	●	20	2	16	110	25	7	SOMT 0803..	3008-M3x7	80-T08	
AEM90-S00803-D25-C20-L110-Z02-H	●	25	2	20	110	25	7				
AEM90-S00803-D32-C25-L120-Z03-H	●	32	3	25	120	30	7				

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

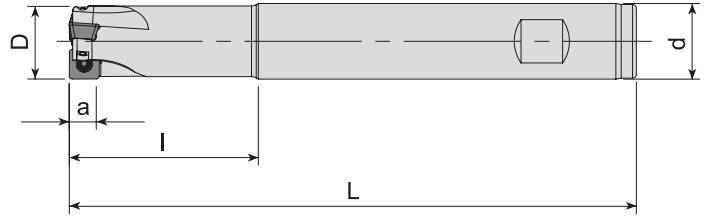
● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage  
SNDVK Ucuna Uygun. / Compatible with SNDVK Insert. Kompatibel mit SNDVK Wendeplatten.

Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück AEM90-SE09-D25-C25-L120-Z03-H

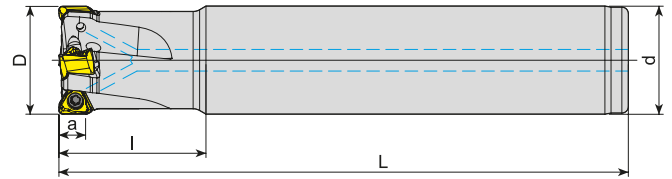
Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321





Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)						Yedek Parçaları / Spare Parts / Ersatzteile		
		D	Z	d	L	l	a	Kesici Uç Insert Wendeschneidplatte	Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel
AEM90-SPGT0602-D16-W16-L150-Z02	●	16	2	16	150	50	5.5		3007-M2.2x5	80-T07
AEM90-SPGT07T3-D20-W20-L150-Z03	●	20	3	20	150	50	7	SPGT 07T308	3008-M2.5x6	80-T08
AEM90-SPGT07T3-D25-W25-L150-Z03	●	25	3	25	150	50	7			
AEM90-SPGT0904-D30-W32-L150-Z03	●	30	3	32	150	50	9	SPGT 090408	4015-M3.5x9	80-T15

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



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)						Yedek Parçaları / Spare Parts / Ersatzteile		
		D	Z	d	L	l	a	Kesici Uç Insert Wendeschneidplatte	Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel
AEM90-TNG10-D20-C20-L125-Z02-H	●	20	2	20	125	29	5	TNGX 1004..	3008-M2.5x6	80-T08
AEM90-TNG10-D20-C20-L125-Z03-H	●	20	3	20	125	29	5			
AEM90-TNG10-D20-C20-L150-Z03-H	○	20	3	20	150	50	5			
AEM90-TNG10-D25-C25-L150-Z03-H	●	25	3	25	150	34	5			
AEM90-TNG10-D25-C25-L150-Z04-H	●	25	4	25	150	34	5			
AEM90-TNG10-D25-C25-L170-Z04-H	○	25	4	25	170	50	5			
AEM90-TNG10-D32-C32-L170-Z04-H	●	32	4	32	170	37	5			
AEM90-TNG10-D32-C32-L170-Z05-H	○	32	5	32	170	37	5			

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

Sipariş Örneği/Ordering Example/Bestellbeispiel  
1 ad./pcs./stück AEM90-SPGT0602-D16-W16-L150-Z02  
Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321

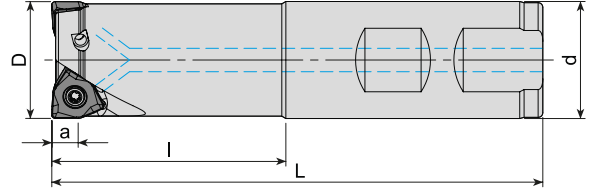
## S-SİSTEM YÜZEY PARMAK FREZELER

S-SYSTEM END MILLS

S-SYSTEM SCHAFTFRÄSER



90°

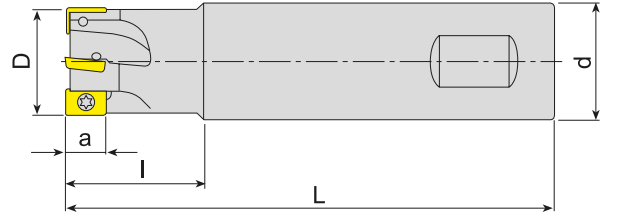


Yedek Parçaları / Spare Parts / Ersatzteile

Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)						Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile	
		D	Z	d	L	l	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel
AEM90-WN0604Z-D25-W25-L150-Z02-H	●	25	2	25	150	50	5.7	WNHU 0604..	3008-M3x8	80-T08
AEM90-WN0604Z-D32-W32-L150-Z03-H	●	32	3	32	150	50	5.7			
AEM90-WN0604Z-D40-W32-L150-Z04-H	●	40	4	32	150	35	5.7			

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

90°



Yedek Parçaları / Spare Parts / Ersatzteile

Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)						Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile	
		D	Z	d	L	l	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel
AEM90-XD11T3-D16-W16-L150-Z02	●	16	2	16	150	30	10	XD.T 11T3..	3008-M2.5x5	80-T08
AEM90-XD11T3-D17-C16-L150-Z02	●	17	2	16	150	30	10			
AEM90-XD11T3-D20-W20-L150-Z03	●	20	3	20	150	50	10			
AEM90-XD11T3-D21-C20-L080-Z03-H	●	21	3	20	80	25	10			
AEM90-XD11T3-D21-C20-L150-Z03	●	21	3	20	150	30	10			
AEM90-XD11T3-D25-W25-L150-Z04	●	25	4	25	150	50	10			
AEM90-XD11T3-D30-W25-L120-Z04	●	30	4	25	120	30	10			
AEM90-XD11T3-D32-W32-L150-Z04	●	32	4	32	150	50	10			
AEM90-XD11T3-D33-C20-L080-Z04-H	●	33	4	20	80	30	10			

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

● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage  
CRTZT Ucuna Uygunur. / Compatible with CRTZT Insert. Kompatibel mit CRTZT Wendeplatten.

Sipariş Örneği/Ordering Example/Bestellbeispiel

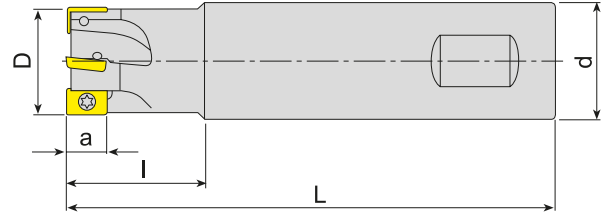
1 ad./pcs./stück AEM90-XD11T3-D16-W16-L150-Z02

Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321



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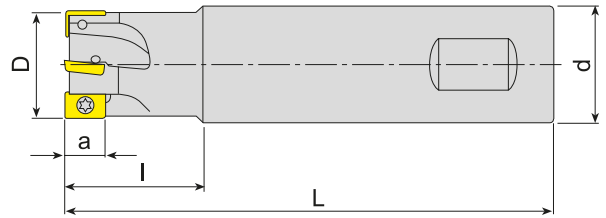
90°



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)						Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
		D	Z	d	L	l	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	
AEM90-XC13-D20-W20-L150-Z02	●	20	2	20	150	60	13	XCKX 13T3..	3008-M3x6	80-T08	
AEM90-XC13-D25-W25-L150-Z03	●	25	3	25	150	60	13		3008-M3x8		
AEM90-XC13-D32-W32-L150-Z04	●	32	4	32	150	60	13				

SC Ucuna Uygunur. / Compatiple with SC Insert. Kompatibel mit SC Wendeplatten.

90°



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)						Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
		D	Z	d	L	l	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	
AEM90-XO06-D10-C12-L120-Z02	●	10	2	12	120	50	5	XO.. 0602..	3006-M1.8x4	80-T06	
AEM90-XO06-D12-C12-L120-Z02	●	12	2	12	120	25	5				
AEM90-XO09-D16-W16-L150-Z02	●	16	2	16	150	50	8	XO.. 0903..	3008-M2.5x5	80-T08	
AEM90-XO09-D20-W20-L150-Z03	●	20	3	20	150	50	8				
AEM90-XO12-D20-W20-L150-Z02	●	20	2	20	150	50	11	XO.. 1204..	3010-M3.5x7	80-T10	
AEM90-XO12-D20-C20-L200-Z02	●	20	2	20	200	100	11				
AEM90-XO12-D22-W20-L150-Z02	●	22	2	20	150	30	11				
AEM90-XO12-D25-W25-L150-Z03	●	25	3	25	150	50	11				
AEM90-XO12-D25-C25-L200-Z03	●	25	3	25	200	100	11				
AEM90-XO12-D32-C25-L150-Z04	●	32	4	25	150	40	11				
AEM90-XO12-D32-W32-L150-Z04	●	32	4	32	150	50	11				
AEM90-XO12-D32-C32-L250-Z04	●	32	4	32	250	100	11				

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

● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage  
SC Ucuna Uygunur. / Compatiple with SC Insert. Kompatibel mit SC Wendeplatten.

Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück AEM90-XC13-D20-W20-L150-Z02

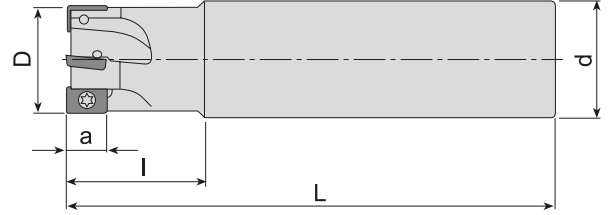
Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321



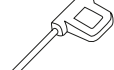
# S-SİSTEM YÜZEY PARMAK FREZELER

S-SYSTEM END MILLS

S-SYSTEM SCHAFTFRÄSER

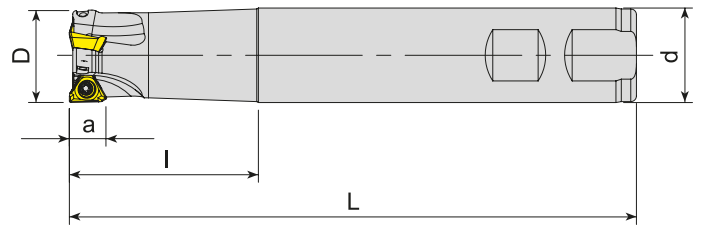
90°



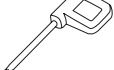


Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)						Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile	
		D	Z	d	L	l	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel
AEM90-ZC1003-D16-C14-L150-Z02	●	16	2	14	150	25	9			
AEM90-ZC1003-D16-C14-L200-Z02	●	16	2	14	200	25	9			
AEM90-ZC1003-D16-C15-L150-Z02	●	16	2	15	150	25	9			
AEM90-ZC1003-D16-C16-L150-Z02	●	16	2	16	150	25	9			
AEM90-ZC1003-D17-C16-L150-Z02	●	17	2	16	150	25	9			
AEM90-ZC1003-D17-C16-L200-Z02	●	17	2	16	200	25	9			
AEM90-ZC1003-D20-C18-L150-Z03	●	20	3	18	150	25	9			
AEM90-ZC1003-D20-C18-L200-Z02	●	20	2	18	200	25	9			
AEM90-ZC1003-D20-C20-L150-Z03	●	20	3	20	150	40	9			
AEM90-ZC1003-D20-C18-L200-Z03	●	20	3	18	200	25	9			
AEM90-ZC1003-D21-C20-L150-Z02	●	21	2	20	150	30	9			
AEM90-ZC1003-D21-C20-L150-Z03	●	21	3	20	150	30	9			
AEM90-ZC1003-D21-C20-L200-Z03	●	21	3	20	200	30	9			
AEM90-ZC1003-D25-C20-L150-Z03	●	25	3	20	150	30	9			
AEM90-ZC1003-D25-C20-L200-Z03	●	25	3	20	200	30	9			
AEM90-ZC1003-D25-C25-L150-Z03	●	25	3	25	150	40	9			
AEM90-ZC1003-D26-C25-L170-Z03	●	26	3	25	170	25	9			
AEM90-ZC1003-D26-C25-L200-Z03	●	26	3	25	200	25	9			
AEM90-ZC1003-D32-C25-L180-Z04	●	32	4	25	180	30	9			
AEM90-ZC1003-D33-C32-L200-Z04	●	33	4	32	200	25	9			

DJT Ucuna Uygunudur. / Compatible with DJT Insert. Kompatibel mit DJT Wendeschneidplatten.

90°



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)						Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile	
		D	Z	d	L	l	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel
AEM90-3P1004-D20-W20-L150-Z02	●	20	2	20	150	40	7			
AEM90-3P1004-D25-W25-L150-Z03	●	25	3	25	150	40	7			
AEM90-3P1505-D32-W32-L150-Z03	●	32	3	32	150	50	11			
AEM90-3P1505-D40-W32-L150-Z04	●	40	4	32	150	35	11			

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 Uygunudur. / Compatible with TGTC Insert. Kompatibel mit TGTC Wendeschneidplatten.

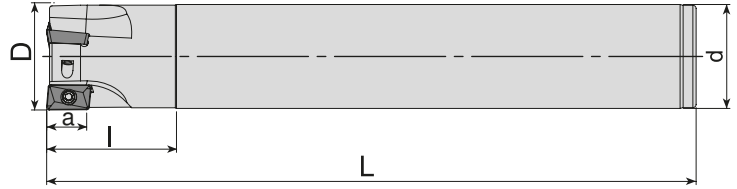


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Sipariş Örneği/Ordering Example/Bestellbeispiel

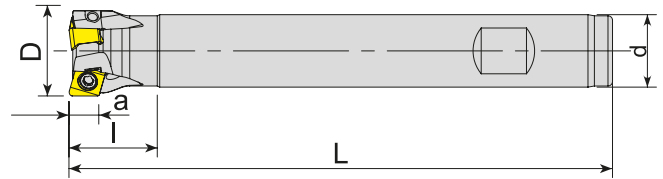
1 ad./pcs./stück AEM90-ZC1003-D16-C14-L150-Z02

Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)						Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
		D	Z	d	L	l	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	
AEM90-ZP13T3-D26-C25-L200-Z02	●	26	2	25	200	35	13	ZPMT 13T3..	4010-M3x8	80-T10	
AEM90-ZP13T3-D26-C25-L200-Z03	●	26	3	25	200	35	13				
AEM90-ZP13T3-D26-C25-L250-Z02	●	26	2	25	250	35	13				
AEM90-ZP13T3-D33-C32-L200-Z03	●	33	3	32	200	40	13				
AEM90-ZP13T3-D33-C32-L250-Z03	●	33	3	32	250	40	13				

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

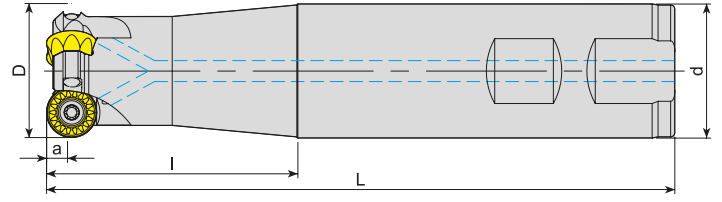


Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)						Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
		D	Z	d	L	l	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	
AEM90-4N06-D16-W16-L120-Z02-H	●	16	2	16	120	25	6	4NKT 0603..	1108-M3x6.8	80-T08	
AEM90-4N06-D16-W16-L160-Z02	●	16	2	16	160	25	6				
AEM90-4N06-D20-W16-L120-Z03-H	●	20	3	16	120	20	6				
AEM90-4N06-D20-W16-L160-Z03	●	20	3	16	160	20	6				

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

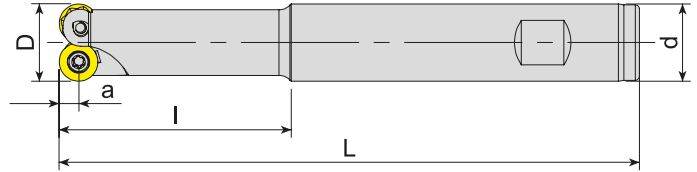
Sipariş Örneği/Ordering Example/Bestellbeispiel  
1 ad./pcs./stück AEM90-ZP13T3-D26-C25-L200-Z02  
Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321





Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)						Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile			
		D	Z	d	L	l	a		Sıkma Vidası Screw Schraube	Baskı Parçası Wedge Clamp Spannpratze	Baskı Vidası Clamp Screw Klemmschraube	Tork Anahtar Torx Key Torx-Schlüssel
AEMR-RP08T2M-D20-W20-L150-Z02-H	●	20	2	20	150	60	4	RPMT 08T2..	3008-M2.5x6	-	-	80-T08
AEMR-RP08T2M-D25-W25-L200-Z03-H	●	25	3	25	200	100	4					
AEMR-RP10T3M-D25-W25-L200-Z02-H	●	25	2	25	200	100	5	RPMT 10T3..	4015-M3.5x9	-	-	80-T15
AEMR-RP1204M-D32-W32-L150-Z03-H	●	32	3	32	150	60	6	RPMT 1204..	4015-M4x9	-	-	
AEMR-RP1204M-D32-W32-L200-Z03-H	●	32	3	32	200	100	6					

MTSBSH Ucuna Uygunudur. / Compatible with MTSBSH Insert. Kompatibel mit MTSBSH Wendepplatten.



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)						Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
		D	Z	d	L	l	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	
AEMR-RY08-D16-W16-L150-Z02	●	16	2	16	150	55	4	RYMX 0803..	4010-M3x6	80-T10	
AEMR-RY10-D20-W20-L150-Z02	●	20	2	20	150	60	5	RYMX 1004..	4015-M3.5x8	80-T15	
AEMR-RY10-D20-C20-L200-Z02	●	20	2	20	200	100	5				
AEMR-RY10-D21-W20-L200-Z02-H	●	21	2	20	200	30	5				
AEMR-RY10-D25-W25-L150-Z02	●	25	2	25	150	60	5				
AEMR-RY10-D25-W25-L150-Z03	●	25	3	25	150	60	5				
AEMR-RY10-D26-W25-L200-Z02-H	●	26	2	25	200	60	5				
AEMR-RY10-D32-W32-L160-Z04-H	●	32	4	32	160	60	5				
AEMR-RY12-D32-C25-L160-Z03	●	32	3	25	160	30	6				RYMX 1205..

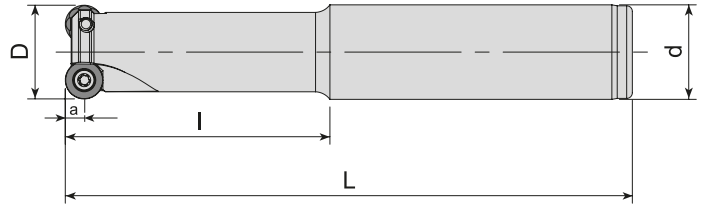
R: Sağ / Right / Rechts L: Sol/Left/Links

● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage  
TGTC Ucuna Uygunudur. / Compatible with TGTC Insert. Kompatibel mit TGTC Wendepplatten.

Sipariş Örneği/Ordering Example/Bestellbeispiel

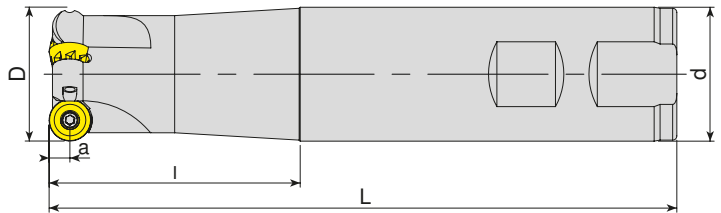
1 ad./pcs./stück AEMR-RP08T2M-D20-W20-L150-Z02-H

Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile				
		D	Z	d	L	l		a	Sıkma Vidası Screw Schraube	Baskı Parçası Wedge Clamp Spannpratze	Baskı Vidası Clamp Screw Klemmschraube	Tork Anahtar Torx Key Torx-Schlüssel
AEMR-QP10T3-D20-C20-L150-Z01-H	●	20	1	20	150	70	5	QP.. 10T3..	4015-M3.5x9	-	-	80-T15
AEMR-QP10T3-D25-C25-L120-Z02-H	●	25	2	25	120	40	5					
AEMR-QP10T3-D25-C25-L150-Z02-H	●	25	2	25	150	70	5					
AEMR-QP10T3-D25-C25-L170-Z02	●	25	2	25	170	90	5					
AEMR-QP10T3-D32-C32-L150-Z03-H	●	32	3	32	150	70	5					
AEMR-QP10T3-D32-C32-L170-Z03	●	32	3	32	170	90	5	QP.. 1204..	4015-M4x9	-	-	
AEMR-QP1204-D25-C25-L150-Z02-H	●	25	2	25	150	70	6					

SMTM Ucuna Uygunur. / Compatible with SMTM Insert. Kompatibel mit SMTM Wendepplatten.

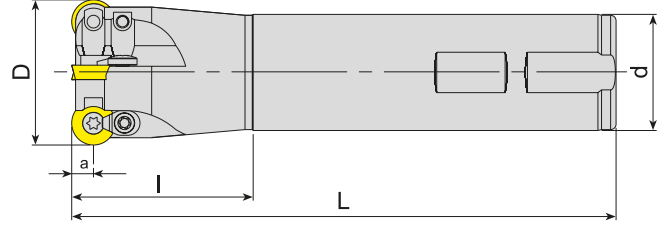


Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile				
		D	Z	d	L	l		a	Sıkma Vidası Screw Schraube	Baskı Parçası Wedge Clamp Spannpratze	Baskı Vidası Clamp Screw Klemmschraube	Tork Anahtar Torx Key Torx-Schlüssel
AEMR-RP10T3-D25-W25-L125-Z02	●	25	2	25	125	60	5	RPNX 10T3..	4010-M3x8	-	-	80-T10
AEMR-RP10T3-D25-W25-L150-Z02	●	25	2	25	150	60	5					
AEMR-RP10T3-D32-W32-L150-Z03	●	32	3	32	150	60	5					

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

● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage  
CRTZT Ucuna Uygunur. / Compatible with CRTZT Insert. Kompatibel mit CRTZT Wendepplatten.

Sipariş Örneği/Ordering Example/Bestellbeispiel  
1 ad./pcs./stück AEMR-QP10T3-D20-C20-L150-Z01-H  
Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321



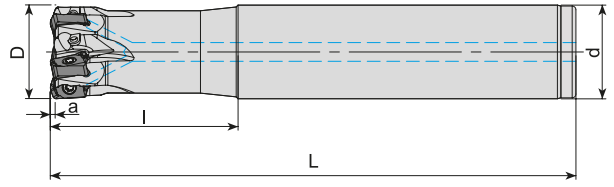
Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)						Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile					
		D	Z	d	L	l	a		Sıkma Vidası Screw Schraube	Baskı Parçası Wedge Clamp Spannpratze	Baskı Vidası Clamp Screw Klemmschraube	Tork Anahtar Torx Key Torx-Schlüssel		
AEMR-RD0501-D08-W10-L100-Z01-H	●	8	1	10	100	20	2.5	RD.. 0501	3006-M2x3.6			80-T06		
AEMR-RD0501-D10-W12-L100-Z02-H	●	10	2	12	100	20	2.5		3006-M2x4					
AEMR-RD0501-D12-W12-L120-Z02-H	●	12	2	12	120	20	2.5							
AEMR-RD0803-D16-W16-L150-Z02	●	16	2	16	150	60	4	RD.. 0803	3008-M3x6	-	-	80-T08		
AEMR-RD0803-D16-C20-L200-Z02	●	16	2	20	200	60	4							
AEMR-RD0803-D20-W20-L150-Z03	●	20	3	20	150	60	4							
AEMR-RD08T2-D16-W16-L150-Z02	●	16	2	16	150	60	4	RD.. 08T2	3008-M2.5x6					
AEMR-RD08T2-D20-W20-L150-Z02	●	20	2	20	150	60	4							
AEMRC-RD1003-D20-W20-L150-Z02	●	20	2	20	150	60	5	RD.. 1003						
AEMRC-RD1003-D20-C20-L160-Z02	●	20	2	20	160	70	5							
AEMRC-RD1003-D20-C20-L250-Z02	●	20	2	20	250	150	5							
AEMRC-RD1003-D21-C20-L160-Z02	●	21	2	20	160	70	5							
AEMRC-RD1003-D25-W25-L150-Z02	●	25	2	25	150	60	5							
AEMRC-RD1003-D25-C25-L160-Z02	●	25	2	25	160	70	5							
AEMRC-RD1003-D25-W25-L200-Z02	●	25	2	25	200	100	5							
AEMRC-RD1003-D25-C25-L200-Z02	●	25	2	25	200	100	5							
AEMRC-RD1003-D25-C25-L250-Z02	●	25	2	25	250	150	5							
AEMRC-RD1003-D26-C25-L160-Z02	●	26	2	25	160	70	5							
AEMRC-RD1003-D32-W32-L150-Z03	●	32	3	32	150	60	5							
AEMRC-RD1003-D32-C32-L250-Z02	●	32	2	32	250	150	5							
AEMRC-RD1003-D33-C32-L160-Z03	●	33	3	32	160	70	5							
AEMRC-RD1003-D40-W32-L150-Z04	●	40	4	32	150	35	5							
AEMRC-RD1003-D40-C32-L250-Z02	●	40	2	32	250	35	5							
AEMRC-RD10T3-D20-C20-L150-Z02	●	20	2	20	150	60	5		RD.. 10T3	4015-M3.5x9	ACK-15		4015-M3.5x11	80-T15
AEMRC-RD10T3-D20-W20-L150-Z02	●	20	2	20	150	60	5							
AEMRC-RD10T3-D25-C25-L150-Z02	●	25	2	25	150	60	5							
AEMRC-RD10T3-D25-W25-L150-Z02	●	25	2	25	150	60	5							
AEMRC-RD10T3-D32-W32-L150-Z03	●	32	3	32	150	60	5							
AEMRC-RD12T3-D25-W25-L150-Z02	●	25	2	25	150	60	6	RD.. 12T3						
AEMRC-RD12T3-D25-W25-L200-Z02	●	25	2	25	200	100	6							
AEMRC-RD12T3-D25-C25-L250-Z02	●	25	2	25	250	150	6							
AEMRC-RD12T3-D25-C25-L300-Z02	●	25	2	25	300	200	6							
AEMRC-RD12T3-D32-W32-L150-Z03	●	32	3	32	150	60	6							
AEMRC-RD12T3-D32-C32-L250-Z02	●	32	2	32	250	150	6							
AEMRC-RD12T3-D40-W32-L150-Z04	●	40	4	32	150	50	6							
AEMRC-RD12T3-D40-C32-L250-Z02	●	40	2	32	250	50	6							
AEMRC-RD1204-D32-C32-L160-Z03	●	32	3	32	160	70	6	RD.. 1204						
AEMRC-RD1204-D32-W32-L160-Z03	●	32	3	32	160	50	6							
AEMRC-RD1204-D33-C32-L160-Z03	●	33	3	32	160	70	6							
AEMRC-RD1604-D40-W32-L150-Z02	●	40	2	32	150	35	8	RD.. 1604	4015-M4.5x11	ACK-05	4015-M4x11			

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

● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage  
ISO Uçuna Uygundur. / Compatible with ISO Insert. Kompatibel mit ISO Wendepplatten.

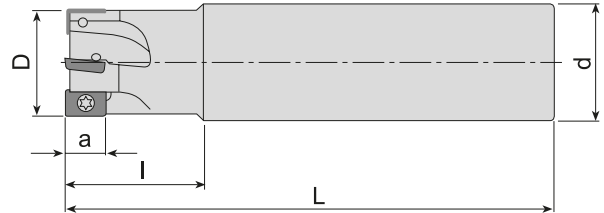
Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück AEMR-RD0501-D08-W10-L100-Z01-H  
Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)						Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
		D	Z	d	L	l	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	
AHFM-BN10T3-D16-C16-L100-Z02-H	●	16	2	16	100	30	1				
AHFM-BN10T3-D16-C16-L150-Z02-H	●	16	2	16	150	50	1				
AHFM-BN10T3-D20-C20-L130-Z03-H	●	20	3	20	130	40	1				
AHFM-BN10T3-D20-C20-L130-Z04-H	●	20	4	20	130	40	1				
AHFM-BN10T3-D20-C20-L160-Z03-H	●	20	3	20	160	80	1				
AHFM-BN10T3-D25-C25-L140-Z04-H	●	25	4	25	140	50	1				
AHFM-BN10T3-D25-C25-L140-Z05-H	●	25	5	25	140	50	1				
AHFM-BN10T3-D25-C25-L180-Z04-H	●	25	4	25	180	100	1				
AHFM-BN10T3-D32-C32-L150-Z05-H	●	32	5	32	150	70	1				
AHFM-BN10T3-D32-C32-L150-Z06-H	●	32	6	32	150	70	1				
AHFM-BN10T3-D35-C32-L200-Z06-H	●	35	6	32	200	50	1				

PRMT Ucuna Uygunur. / Compatible with PRMT Insert. Kompatibel mit PRMT Wendeplatten.



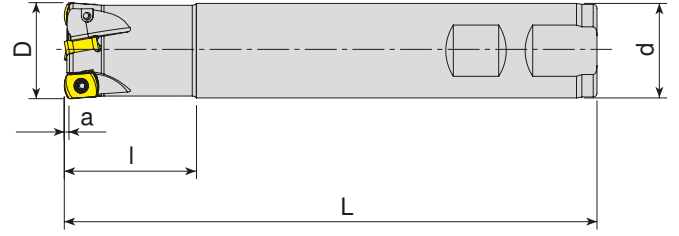
Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)						Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
		D	Z	d	L	l	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	
AHFM-E00602-D10-C10-L080-Z02	●	10	2	10	80	20	-				
AHFM-E00602-D10-C09-L120-Z02	●	10	2	9	120	15	-				
AHFM-E00602-D10-C10-L120-Z02	●	10	2	10	120	60	-				
AHFM-E00602-D12-C12-L080-Z02	●	12	2	12	80	20	-				
AHFM-E00602-D12-C12-L080-Z03	●	12	3	12	80	20	-				
AHFM-E00602-D12-C11-L120-Z02	●	12	2	11	120	15	-				
AHFM-E00602-D12-C11-L120-Z03	●	12	3	11	120	15	-				
AHFM-E00602-D12-C12-L120-Z02	●	12	2	12	120	60	-				
AHFM-E00602-D12-C12-L120-Z03	●	12	3	12	120	60	-				
AHFM-E00602-D16-C16-L150-Z04	●	16	4	16	150	60	-				



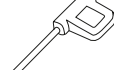
R: Sağ / Right / Rechts L: Sol/Left/Links

● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage  
DJT Ucuna Uygunur. / Compatible with DJT Insert. Kompatibel mit DJT Wendeplatten.

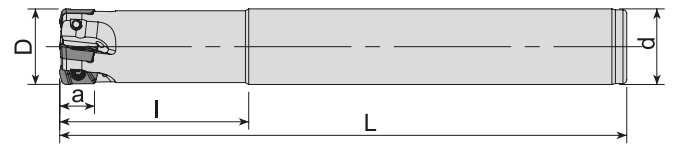
Sipariş Örneği/Ordering Example/Bestellbeispiel  
1 ad./pcs./stück AHFM-BN10T3-D16-C16-L100-Z02-H  
Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321




**S-SİSTEM HIZLI İLERLEMELİ PARMAK FREZELER**  
**S-SYSTEM HIGHFEED END MILLS**  
**S-SYSTEM HOCHVORSCHUB- SCHAFTFRÄSER**



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)						Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile	
		D	Z	d	L	l	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel
AHFM-BL0603-D16-C15-L150-Z02	●	16	2	15	150	20	1			
AHFM-BL0603-D16-C16-L100-Z02-H	●	16	2	16	100	30	1			
AHFM-BL0603-D16-C16-L150-Z02	●	16	2	16	150	50	1			
AHFM-BL0603-D17-C16-L150-Z02	●	17	2	16	170	20	1			
AHFM-BL0603-D17-W16-L170-Z02	●	17	2	16	170	20	1			
AHFM-BL0603-D17-W16-L170-Z02-H	●	17	2	16	170	20	1			
AHFM-BL0603-D18-C16-L150-Z02	●	18	2	16	150	20	1			
AHFM-BL0603-D18-W16-L150-Z02-H	●	18	2	16	150	20	1			
AHFM-BL0603-D20-C20-L130-Z03	●	20	3	20	130	50	1			
AHFM-BL0603-D20-C20-L160-Z03	●	20	3	20	160	50	1			
AHFM-BL0603-D21-C20-L200-Z03	●	21	3	20	200	25	1			
AHFM-BL0603-D21-W20-L200-Z03	●	21	3	20	200	25	1			
AHFM-BL0603-D25-C25-L250-Z04	●	25	4	25	250	40	1			
AHFM-BL0603-D26-C25-L200-Z04	●	26	4	25	200	35	1			
AHFM-BL0603-D26-W25-L200-Z04	●	26	4	25	200	35	1			
AHFM-BL0603-D32-C32-L150-Z05	●	32	5	32	150	70	1			
AHFM-BL0603-D32-C32-L200-Z05	●	32	5	32	200	120	1			
AHFM-BL0603-D33-C32-L200-Z05	●	33	5	32	200	40	1			

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



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)						Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile	
		D	Z	d	L	l	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel
AHFM-EP1003-D16-C16-L150-Z02-H	●	16	2	16	150	50	1			
AHFM-EP1003-D17-C16-L150-Z02-H	●	17	2	16	150	20	1			
AHFM-EP1003-D20-C20-L150-Z04-H	●	20	4	20	150	50	1			
AHFM-EP1003-D21-C20-L150-Z04-H	●	21	4	20	150	20	1			

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

● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage  
 DJT Ucuna Uygunur. / Compatible with DJT Insert. Kompatibel mit DJT Wendeplatten.

Sipariş Örneği/Ordering Example/Bestellbeispiel

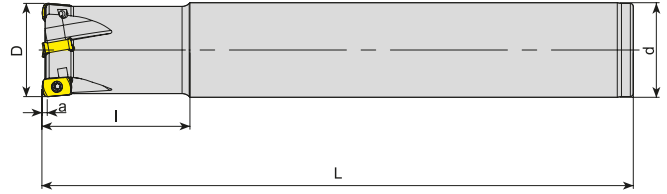
1 ad./pcs./stück AHFM-BL0603-D16-C15-L150-Z02

Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321



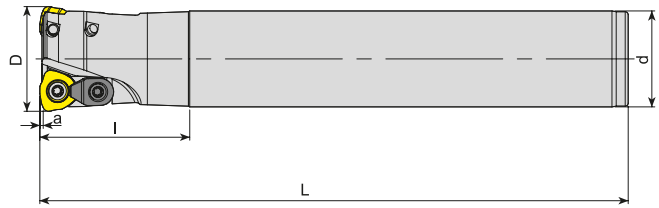
www.akko.com.tr





Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)						Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
		D	Z	d	L	l	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	
AHFM-EN1004-D16-C16-L150-Z02	●	16	2	16	150	25	1	ENMU 1004..	3008-M2.5x5	80-T08	
AHFM-EN1004-D17-C16-L150-Z02-H	●	17	2	16	150	25	1				
AHFM-EN1004-D17-C16-L150-Z02	●	17	2	16	150	25	1				
AHFM-EN1004-D17-C16-L200-Z02	●	17	2	16	200	25	1				
AHFM-EN1004-D18-C16-L150-Z02	●	18	2	16	150	25	1				
AHFM-EN1004-D20-C20-L150-Z03	●	20	3	20	150	40	1				
AHFM-EN1004-D21-C20-L150-Z02	●	21	2	20	150	30	1				
AHFM-EN1004-D21-C20-L150-Z03	●	21	3	20	150	30	1				
AHFM-EN1004-D21-C20-L200-Z03	●	21	3	20	200	30	1				
AHFM-EN1004-D22-C20-L150-Z03	●	22	3	20	150	30	1				
AHFM-EN1004-D25-C25-L150-Z03	●	25	3	25	150	40	1				
AHFM-EN1004-D25-C25-L150-Z04	●	25	4	25	150	40	1				
AHFM-EN1004-D26-C25-L150-Z03	●	26	3	25	150	30	1				
AHFM-EN1004-D26-C25-L150-Z04	●	26	4	25	150	30	1				
AHFM-EN1004-D26-C25-L200-Z03	●	26	3	25	150	30	1				
AHFM-EN1004-D26-C25-L200-Z03-H	●	26	3	25	200	30	1				
AHFM-EN1004-D26-C25-L250-Z03-H	●	26	3	25	250	30	1				
AHFM-EN1004-D28-C25-L200-Z04	●	28	4	25	200	30	1				
AHFM-EN1004-D32-C32-L200-Z04	●	32	4	32	200	50	1				
AHFM-EN1004-D33-C32-L200-Z04	●	33	4	32	200	30	1				

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



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)						Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile			
		D	Z	d	L	l	a		Sıkma Vidası Screw Schraube	Baskı Parçası Wedge Clamp Spannpratze	Baskı Vidası Clamp Screw Klemmschraube	Tork Anahtar Torx Key Torx-Schlüssel
AHFMC-JD1204-D32-C32-L150-Z02	●	32	2	32	150	30	1	JDMW 1204..	4615-M4x11	ACK-05	4015-M4x11	80-T15
AHFMC-JD1204-D32-C32-L200-Z02	●	32	2	32	200	30	1					
AHFMC-JD1204-D35-C32-L200-Z02	●	35	2	32	200	30	1					
AHFMC-JD1204-D35-C32-L250-Z02	●	35	2	32	250	30	1					

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

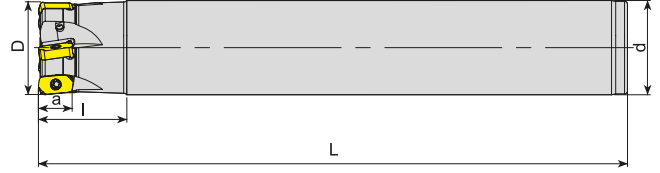
● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage  
MTSBSH Ucuna Uygundur. / Compatible with MTSBSH Insert. Kompatibel mit MTSBSH Wendeplatten.

Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück AHFM-EN1004-D16-C16-L150-Z02

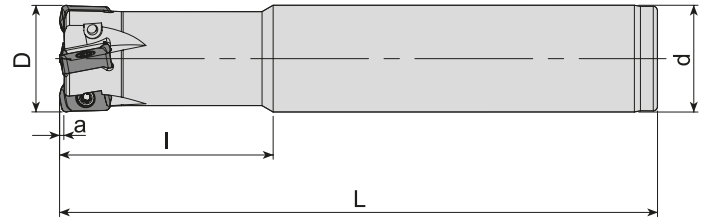
Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321

**S-SİSTEM HIZLI İLERLEMELİ PARMAK FREZELER**  
**S-SYSTEM HIGHFEED END MILLS**  
**S-SYSTEM HOCHVORSCHUB- SCHAFTFRÄSER**



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)						Kesici Uç Insert Wendescheidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
		D	Z	d	L	l	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	
AHFM-LN120-D16-C15-L150-Z02	●	16	2	15	150	30	12	LNMX 1235..			
AHFM-LN120-D21-C20-L150-Z03	●	21	3	20	150	30	12				
AHFM-LN120-D26-C25-L150-Z04	●	26	4	25	150	30	12				
AHFM-LN120-D33-C32-L200-Z05	●	33	5	32	200	30	12				

B.OKE Ucuna Uygun. / Compatible with B.OKE Insert. Kompatibel mit B.OKE Wendeplatten.



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)						Kesici Uç Insert Wendescheidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
		D	Z	d	L	l	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	
AHFM-L003-D16-C15-L160-Z02	●	16	2	15	160	30	1	LOGU 0303..			
AHFM-L003-D16-C16-L100-Z02-F	●	16	2	16	100	30	1				
AHFM-L003-D16-C16-L100-Z02	●	16	2	16	100	30	1				
AHFM-L003-D16-C16-L160-Z02	●	16	2	16	160	50	1				
AHFM-L003-D17-C16-L180-Z02	●	17	2	16	180	30	1				
AHFM-L003-D20-C20-L130-Z03	●	20	3	20	130	40	1				
AHFM-L003-D20-C20-L160-Z03	●	20	3	20	160	80	1				
AHFM-L003-D21-C20-L200-Z03	●	21	3	20	200	30	1				
AHFM-L003-D25-C25-L140-Z04-F	●	25	4	25	140	50	1				
AHFM-L003-D25-C25-L140-Z04	●	25	4	25	140	50	1				
AHFM-L003-D25-C25-L180-Z04	●	25	4	25	180	100	1				
AHFM-L003-D32-C32-L200-Z05	●	32	5	32	200	120	1				

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

● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage  
 KYCR Ucuna Uygun. / Compatible with KYCR Insert. Kompatibel mit KYCR Wendeplatten.

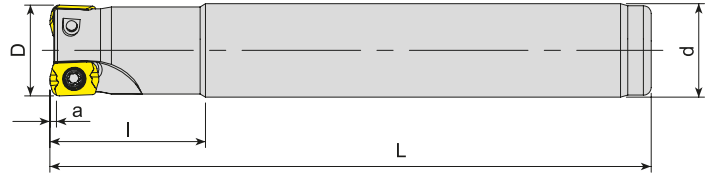
Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück AHFM-LN120-D16-C15-L150-Z02

Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321

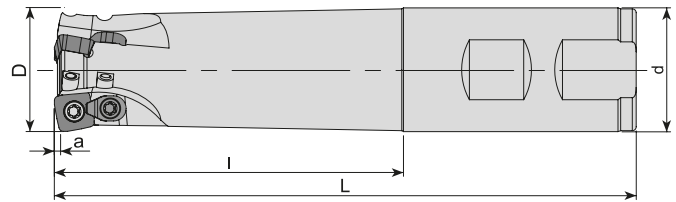


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Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)						Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
		D	Z	d	L	l	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	
AHFM-LP0102-D10-C09-L120-Z02	●	10	2	9	120	20	0.5	LPGT 0102..	3006-M1.8x4	80-T06	
AHFM-LP0102-D10-C10-L120-Z02	●	10	2	10	120	20	0.5				
AHFM-LP0102-D12-C11-L120-Z02	●	12	2	11	120	20	0.5				
AHFM-LP0102-D12-C12-L120-Z02	●	12	2	12	120	20	0.5				

KYCR Ucuna Uygunudur. / Compatible with KYCR Insert. Kompatibel mit KYCR Wendeplatten.

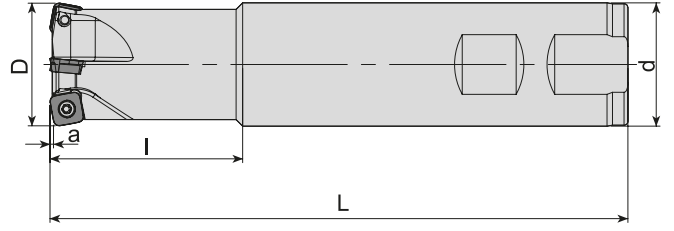


Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)						Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile			
		D	Z	d	L	l	a		Sıkma Vidası Screw Schraube	Baskı Parçası Wedge Clamp Spannpratze	Baskı Vidası Clamp Screw Klemmschraube	Tork Anahtar Torx Key Torx-Schlüssel
AHFM-SD06T2-D16-C16-L150-Z02-H	●	16	2	16	150	50	0.8	SD.. 06T2..	3007-M2.2x5	-	-	80-T07
AHFM-SD06T2-D17-C16-L150-Z02-H	●	17	2	16	150	50	0.8					
AHFM-SD06T2-D20-C20-L150-Z03-H	●	20	3	20	150	50	0.8					
AHFM-SD06T2-D21-C20-L150-Z03-H	●	21	3	20	150	50	0.8					
AHFM-SD06T2-D25-C25-L150-Z04-H	●	25	4	25	150	50	0.8					
AHFM-SD06T2-D26-C25-L150-Z04-H	●	26	4	25	150	60	0.8					
AHFMC-SD09T3-D25-C25-L150-Z02	●	25	2	25	150	100	1.4	SD.. 09T3..	3010-M3.5x9	ACK-15	1510-M3.5x9	80-T10
AHFMC-SD09T3-D25-W25-L150-Z02	●	25	2	25	150	100	1.4					
AHFMC-SD09T3-D32-C32-L150-Z03	●	32	3	32	150	100	1.4					
AHFMC-SD09T3-D32-W32-L150-Z03	●	32	3	32	150	100	1.4					

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

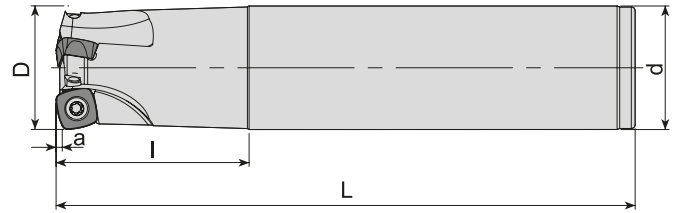
Sipariş Örneği/Ordering Example/Bestellbeispiel  
1 ad./pcs./stück AHFM-LP0102-D10-C09-L120-Z02  
Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321

**S-SİSTEM HIZLI İLERLEMELİ PARMAK FREZELER**  
**S-SYSTEM HIGHFEED END MILLS**  
**S-SYSTEM HOCHVORSCHUB- SCHAFTFRÄSER**



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)						Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
		D	Z	d	L	l	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	
AHFM-S00803-D20-W20-L150-Z02	●	20	2	20	150	50	-	SOMW 0803..	4010-M3x8	80-T10	
AHFM-S00803-D25-W25-L150-Z03	●	25	3	25	150	50	-				
AHFM-S00803-D32-W32-L150-Z04	●	32	4	32	150	50	-				

KPTK Ucuna Uygunur. / Compatiple with KPTK Insert. Kompatibel mit KPTK Wendeplatten.



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)						Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
		D	Z	d	L	l	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	
AHFM-SP1004-D25-C25-L150-Z02	●	25	2	25	150	50	1.5	SPNW 1004..	3015-M3.5x9	80-T15	
AHFM-SP1004-D32-C32-L150-Z03	●	32	3	32	150	50	1.5				

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

● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage  
 DJT Ucuna Uygunur. / Compatiple with DJT Insert. Kompatibel mit DJT Wendeplatten.

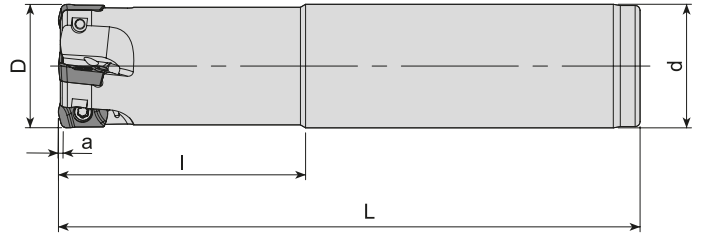
Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück AHFM-S00803-D20-W20-L150-Z02

Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321



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Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)						Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
		D	Z	d	L	l	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	
AHFM-YP1003-D16-C15-L150-Z02-F	●	16	2	15	150	20	1	YPHW 1003..	3008-M2.5x5	80-T08	
AHFM-YP1003-D16-C15-L200-Z02-F	●	16	2	15	200	20	1				
AHFM-YP1003-D16-C16-L150-Z02-F	●	16	2	16	150	50	1				
AHFM-YP1003-D17-C16-L150-Z02-F	●	17	2	16	150	20	1				
AHFM-YP1003-D17-C16-L200-Z02-F	●	17	2	16	200	20	1				
AHFM-YP1003-D20-C18-L150-Z03-F	●	20	3	18	150	25	1				
AHFM-YP1003-D20-C18-L200-Z03-F	●	20	3	18	200	25	1				
AHFM-YP1003-D20-C20-L150-Z03-F	●	20	3	20	150	50	1				
AHFM-YP1003-D21-C20-L150-Z03-F	●	21	3	20	150	20	1				
AHFM-YP1003-D21-C20-L150-Z04-F	●	21	4	20	150	20	1				
AHFM-YP1003-D21-C20-L200-Z03-F	●	21	3	20	200	20	1				
AHFM-YP1003-D25-C20-L150-Z04-F	●	25	4	20	150	25	1				
AHFM-YP1003-D25-C20-L200-Z04-F	●	25	4	20	200	25	1				
AHFM-YP1003-D25-C25-L150-Z04-F	●	25	4	25	150	50	1				
AHFM-YP1003-D26-C25-L150-Z04-F	●	26	4	25	150	30	1				
AHFM-YP1003-D26-C25-L200-Z03-F	●	26	3	25	200	30	1				
AHFM-YP1003-D26-C25-L200-Z04-F	●	26	4	25	200	30	1				

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

● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage  
DJT Ucuna Uygundur. / Compatible with DJT Insert. Kompatibel mit DJT Wendeplatten.

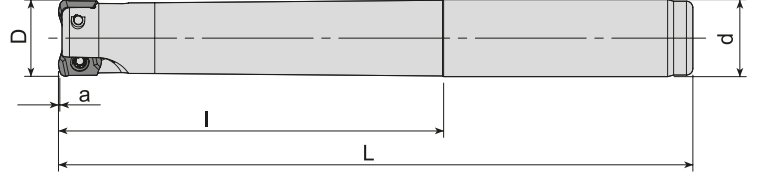
Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück AHFM-YP1003-D16-C15-L150-Z02-F

Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321

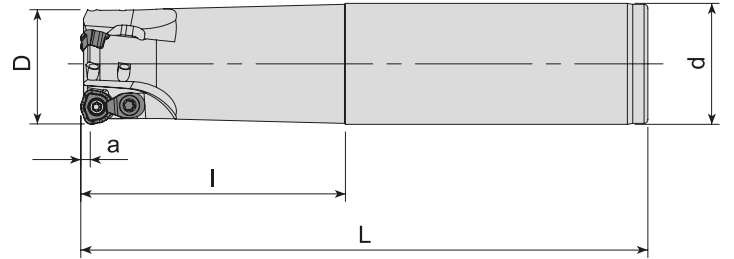






Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)						Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
		D	Z	d	L	l	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	
AHFM-YO0602-D10-C09-L120-Z02-F	●	10	2	9	120	15	0.3	YOHW 0602..	3006-M1.8X4	80-T06	
AHFM-YO0602-D10-C10-L080-Z02-F	●	10	2	10	80	20	0.3				
AHFM-YO0602-D10-C10-L120-Z02-F	●	10	2	10	120	60	0.3				
AHFM-YO0602-D10-C10-L120-Z02-H-F	●	10	2	10	120	60	0.3				
AHFM-YO0602-D10-C10-L120-Z02-H	●	10	2	10	120	60	0.3				
AHFM-YO0602-D12-C11-L120-Z02-F	●	12	2	11	120	15	0.3				
AHFM-YO0602-D12-C11-L120-Z02-H-F	●	12	2	11	120	15	0.3				
AHFM-YO0602-D12-C11-L120-Z02-H	●	12	2	11	120	15	0.3				
AHFM-YO0602-D12-C11-L120-Z03-F	●	12	3	11	120	15	0.3				
AHFM-YO0602-D12-C12-L080-Z02-F	●	12	2	12	80	20	0.3				
AHFM-YO0602-D12-C12-L080-Z03-F	●	12	3	12	80	20	0.3				
AHFM-YO0602-D12-C12-L120-Z02-F	●	12	2	12	120	60	0.3				
AHFM-YO0602-D12-C12-L120-Z03-F	●	12	3	12	120	60	0.3				

DJT Ucuna Uygun. / Compatible with DJT Insert. Kompatibel mit DJT Wendepplatten.



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)						Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile			
		D	Z	d	L	l	a		Sıkma Vidası Screw Schraube	Baskı Parçası Wedge Clamp Spannpratze	Baskı Vidası Clamp Screw Klemmschraube	Tork Anahtar Torx Key Torx-Schlüssel
AHFM-WD0603-D16-C16-L150-Z02	●	16	2	16	150	70	2	WDMT 0603..	3008-M2.5x6	-	-	80-T08
AHFM-WD0603-D20-C20-L150-Z03	●	20	3	20	150	70	2					
AHFMC-WD0804-D25-C25-L150-Z02	●	25	2	25	150	70	2.5	WDMT 0804..	4010-M3X8	ACK-15	4010-M3x8	80-T10
AHFMC-WD0804-D32-C32-L150-Z03	●	32	3	32	150	70	2.5					
AHFMC-WD1205-D32-C32-L150-Z02	●	32	2	32	150	70	3	WDMT 1205..	1415-M4x11	ACK-05	4015-M4x11	80-T15

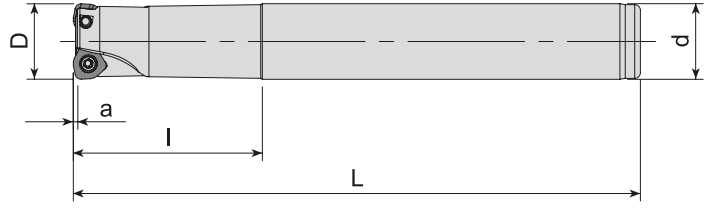
R: Sağ / Right / Rechts L: Sol/Left/Links

● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage  
SMTM Ucuna Uygun. / Compatible with SMTM Insert. Kompatibel mit SMTM Wendepplatten.

Sipariş Örneği/Ordering Example/Bestellbeispiel

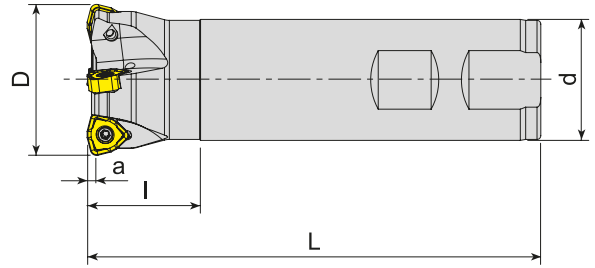
1 ad./pcs./stück AHFM-YO0602-D10-C09-L120-Z02-F

Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)						Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile			
		D	Z	d	L	l	a		Sıkma Vidası Screw Schraube	Baskı Parçası Wedge Clamp Spannpratze	Baskı Vidası Clamp Screw Klemmschraube	Tork Anahtar Torx Key Torx-Schlüssel
AHFM-WD0503D-D20-C20-L150-Z02	●	20	2	20	150	50	1.25	WD.W 0503..	4010-M3x6	-	-	80-T10
AHFM-WD0503D-D21-C20-L150-Z02	●	21	2	20	150	30	1.25					
AHFMC-WD06T3D-D26-C25-L200-Z02	●	26	2	25	200	30	1.5	WD.W 06T3..	3015-M3.5x9	ACK-15	4015-M3.5x11	80-T15
AHFMC-WD06T3D-D33-C32-L200-Z03	●	33	3	32	200	32	1.5					

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



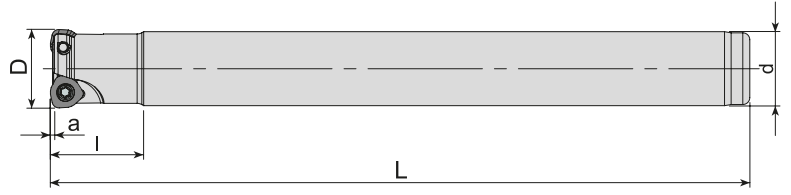
Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)						Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile	
		D	Z	d	L	l	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel
AHFM-WN0603-D16-C16-L110-Z02-H	●	16	2	16	110	30	1	WNMX 0603..	3008-M2.5x6	80-T08
AHFM-WN0603-D16-C16-L150-Z02-H	●	16	2	16	150	70	1			
AHFM-WN0603-D17-C16-L150-Z02-H	●	17	2	16	150	20	1			
AHFM-WN0603-D20-C20-L150-Z02-H	●	20	2	20	150	70	1			
AHFM-WN0603-D20-C20-L200-Z02-H	●	20	2	20	200	100	1			
AHFM-WN0603-D21-C20-L150-Z02-H	●	21	2	20	150	20	1			
AHFM-WN09T3-D25-W25-L120-Z02-H	●	25	2	25	120	40	1.5	WNMX 09T3..	4010-M3x8	80-T10
AHFML-WN09T3-D25-W25-L120-Z02-H	●	25	2	25	120	40	1.5			
AHFM-WN09T3-D25-C25-L200-Z02	●	25	2	25	200	120	1.5			
AHFM-WN09T3-D32-W32-L120-Z03-H	●	32	3	32	120	30	1.5			
AHFM-WN09T3-D32-W32-L200-Z03-H	○	32	3	32	200	100	1.5			
AHFM-WN09T3-D35-W32-L200-Z04-H	●	35	4	32	200	50	1.5			
AHFM-WN09T3-D40-W32-L120-Z04-H	●	40	4	32	120	30	1.5	WNMX 1305..	4015-M4x11	80-T15
AHFM-WN09T3-D40-C32-L200-Z04	●	40	4	32	200	30	1.5			
AHFM-WN1305-D32-C32-L150-Z02-H	○	32	2	32	150	70	2			
AHFM-WN1305-D32-C32-L200-Z02-H	●	32	2	32	200	30	2			

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

● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage  
KRLY Ucuna Uygun. / Compatible with KRLY Insert. Kompatibel mit KRLY Wendeplatten.

Sipariş Örneği/Ordering Example/Bestellbeispiel  
1 ad./pcs./stück AHFM-WD0503D-D20-C20-L150-Z02  
Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321

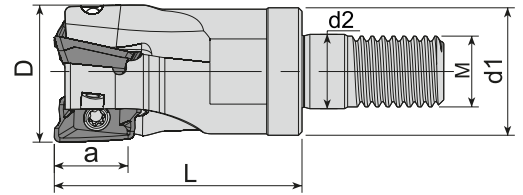
➤ **S-SİSTEM HIZLI İLERLEMELİ PARMAK FREZELER**  
**S-SYSTEM HIGHFEED END MILLS**  
**S-SYSTEM HOCHVORSCHUB- SCHAFTFRÄSER**



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)						Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile	
		D	Z	d	L	l	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel
AHFM-W004T2D-D16-C16-L150-Z02	●	16	2	16	150	20	0.8	WOMW 04T2..	3008-M2.5x6	80-T08
AHFM-W004T2D-D17-C16-L150-Z02	●	17	2	16	150	20	0.8			

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

➤ **S-SİSTEM MODÜLER PARMAK FREZELER**  
**S-SYSTEM MODULAR END MILLS (SCREW TYPE TOOLS)**  
**S-SYSTEM EINSCHRAUBFRASER**



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)							Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile	
		D	Z	d1	M	L	d2	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel
AEM90-A01236-D16-M08-L30-Z02	●	16	2	14.8	M08	30	8.5	12	AO.. 1236..	3008-M2.5x6	80-T08
AEM90-A01236-D20-M10-L35-Z03	●	20	3	18	M10	35	10.5	12			

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 Uygunur. / Compatible with MTSBH Insert. Kompatibel mit MTSBH Wendeplatten.

Sipariş Örneği/Ordering Example/Bestellbeispiel

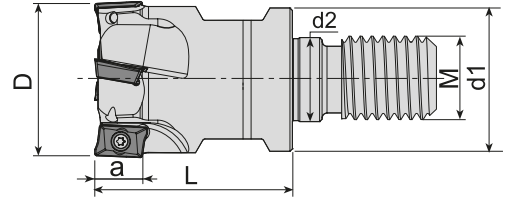
1 ad./pcs./stück AHFM-W004T2D-D16-C16-L150-Z02

Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321

Sıkma Tork Değeri : S 320 / Tightening Torque : P 320 / Anzugsmoment : 320

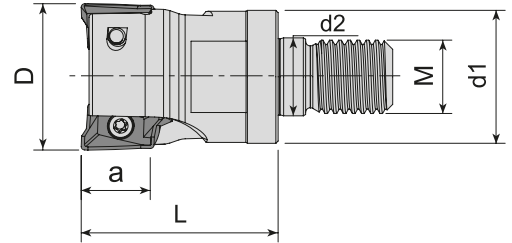


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Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)							Kesici Uç Insert Wendescheidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
		D	Z	d1	M	L	d2	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	
AEM90-AD1505D-D25-M12-L43-Z02-H	●	25	2	21	M12	43	12.5	14.3	ADKT 150508	4015-M4x9 4015-M4x11	80-T15	
AEM90-AD1505D-D32-M16-L43-Z03-H	●	32	3	29	M16	43	17	14.3				

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



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)							Kesici Uç Insert Wendescheidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
		D	Z	d1	M	L	d2	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	
AEM90-AX1235-D16-M08-L30-Z02-H	●	16	2	14.75	M08	30	8.5	10	AX.T 1235..	3008-M3x6	80-T08	
AEM90-AX1235-D20-M10-L30-Z03-H	●	20	3	18	M10	30	10.5	10				
AEM90-AX1235-D25-M12-L35-Z04-H	●	25	4	21	M12	35	12.5	10	AX.T 1705..	4015-M4x9	80-T15	
AEM90-AX1705-D25-M12-L43-Z02-H	●	25	2	21	M12	43	12.5	14				
AEM90-AX1705-D32-M16-L43-Z02-H	●	32	2	29	M16	43	17	14				

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

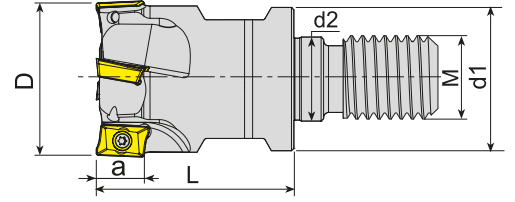
● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage  
SMTM Ucuna Uygun. / Compatible with SMTM Insert. Kompatibel mit SMTM Wendeplatten.

Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück AEM90-AD1505D-D25-M12-L43-Z02-H

Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321

Sıkma Tork Değeri : S 320 / Tightening Torque : P 320 / Anzugsmoment : 320



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)							Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
		D	Z	d1	M	L	d2	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	
AEM90-AP10-D16-M08-L30-Z02-H	●	16	2	14.75	M08	30	8.5	10	AP.. 1003.. ISO UCUNA UYGUNDUR. FOR ISO INSERT. Kompatibel mit Wendeschneidplatte ISO	3008-M2.5x6	80-T08	
AEM90-AP10-D20-M10-L30-Z03-H	●	20	3	18	M10	30	10.5	10				
AEM90-AP10-D25-M12-L35-Z03-H	●	25	3	21	M12	35	12.5	10				
AEM90-AP10-D32-M16-L35-Z04-H	●	32	4	29	M16	35	17	10				
AEM90-AP10-D40-M16-L43-Z05-H	●	40	5	29	M16	43	17	10				
AEM90-AP10-D42-M16-L43-Z05-H	●	42	5	29	M16	43	17	10				
AEM90-AP10D-D16-M08-L30-Z02-H	●	16	2	14.75	M08	30	8.5	10	AP.. 1003.. DJT UCUNA UYGUNDUR. FOR DJT INSERT. Kompatibel mit Wendeschneidplatte DJT	3008-M2.5x6	80-T08	
AEM90-AP10D-D20-M10-L30-Z03-H	●	20	3	18	M10	30	10.5	10				
AEM90-AP10D-D25-M12-L35-Z03-H	●	25	3	21	M12	35	12.5	10				
AEM90-AP11-D16-M08-L30-Z02-H	●	16	2	14.75	M08	30	8.5	11	AP.. 11T3.. ZCC UCUNA UYGUNDUR. FOR ZCC INSERT. Kompatibel mit Wendeschneidplatte ZCC	4015-M4x9	80-T15	
AEM90-AP11-D20-M10-L30-Z03-H	●	20	3	18	M10	30	10.5	11				
AEM90-AP11-D25-M12-L35-Z03-H	●	25	3	21	M12	35	12.5	11				
AEM90-AP11-D32-M16-L35-Z04-H	●	32	4	29	M16	35	17	11				
AEM90-AP11-D40-M16-L43-Z05-H	●	40	5	29	M16	43	17	11	AP.. 1604.. ISO UCUNA UYGUNDUR. FOR ISO INSERT. Kompatibel mit Wendeschneidplatte ISO	4015-M4x9	80-T15	
AEM90-AP16-D25-M12-L43-Z02-H	●	25	2	21	M12	43	12.5	16				
AEM90-AP16-D32-M16-L43-Z03-H	●	32	3	29	M16	43	17	16				
AEM90-AP16-D40-M16-L43-Z04-H	●	40	4	29	M16	43	17	16				
AEM90-AP16-D42-M16-L43-Z04-H	●	42	4	29	M16	43	17	16				
AEM90-AP16D-D25-M12-L43-Z02-H	●	25	2	21	M12	43	12.5	16				
AEM90-AP16D-D32-M16-L43-Z03-H	●	32	3	29	M16	43	17	16	AP.. 1604.. DJT UCUNA UYGUNDUR. FOR DJT INSERT. Kompatibel mit Wendeschneidplatte DJT	4015-M4x9	80-T15	
AEM90-AP16D-D40-M16-L43-Z04-H	●	40	4	29	M16	43	17	16				
AEM90-AP16D-D42-M16-L43-Z04-H	●	42	4	29	M16	43	17	16				
AEM90-AP16L-D25-M12-L43-Z02-H	●	25	2	21	M12	43	12.5	16	AP.. 1604.. LMN UCUNA UYGUNDUR. FOR LMN INSERT. Kompatibel mit Wendeschneidplatte LMN	4015-M4x9	80-T15	
AEM90-AP16L-D32-M16-L43-Z03-H	●	32	3	29	M16	43	17	16				
AEM90-AP16L-D40-M16-L43-Z04-H	●	40	4	29	M16	43	17	16				

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

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

Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück AEM90-AP10-D16-M08-L30-Z02-H

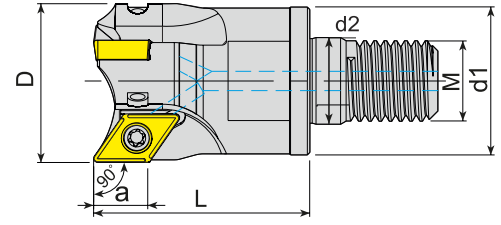
Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321

Sıkma Tork Değeri : S 320 / Tightening Torque : P 320 / Anzugsmoment : 320





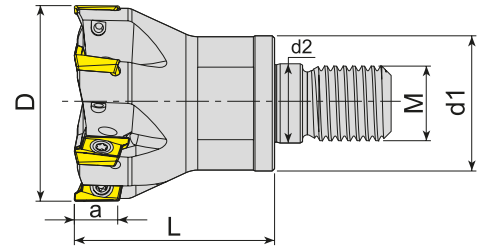
90°



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)							Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
		D	Z	d1	M	L	d2	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	
AEM90-DC07-D20-M10-L30-Z02-H	●	20	2	18	M10	30	10.5	7	DC.T 0702.			
AEM90-DC07-D25-M12-L35-Z03-H	●	25	3	21	M12	35	12.5	7				
AEM90-DC07-D32-M16-L43-Z04-H	●	32	4	29	M16	43	17	7				
AEM90-DC07-D40-M16-L43-Z05-H	●	40	5	29	M16	43	17	7				
AEM90-DC11-D32-M16-L43-Z03-H-F	●	32	3	29	M16	43	17	11	DC.T 11T3..	4015-M3.5x9	80-T15	
AEM90-DC11-D40-M16-L43-Z03-H-F	●	40	3	29	M16	43	17	11				

F: Çap toleransı +, - 0.02 mm içerisinde anlamına gelmektedir. / F: Diameter tolerance is between +, - 0.02 mm. / F: Durchmesser-toleranz zwischen +/- 0,02 mm  
ISO Ucuna Uygunudur. / Compatible with ISO Insert. Kompatibel mit ISO Wendeplatten.

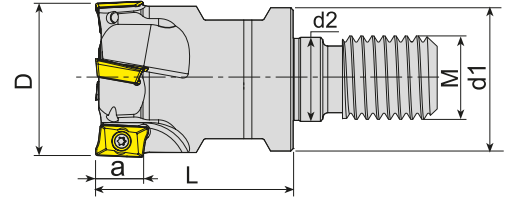
90°



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)							Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
		D	Z	d1	M	L	d2	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	
AEM90-RT10-D16-M08-L20-Z02-H	●	16	2	14.75	M08	20	8.5	10	RT 1003..			
AEM90-RT10-D20-M10-L25-Z03-H	●	20	3	18	M10	25	10.5	10				
AEM90-RT10-D25-M12-L30-Z04-H	●	25	4	21	M12	30	12.5	10				
AEM90-RT10-D32-M16-L43-Z05-H	●	32	5	29	M16	43	17	10				
AEM90-RT10-D42-M16-L43-Z06-H	●	42	6	29	M16	43	17	10				

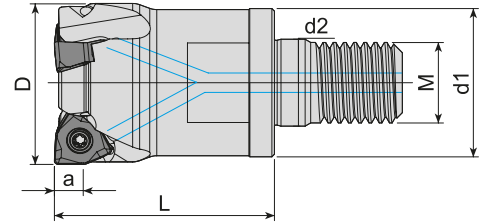
R: Sağ / Right / Rechts L: Sol/Left/Links  
● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage  
SFTY Ucuna Uygunudur. / Compatible with SFTY Insert. Kompatibel mit SFTY Wendeplatten.

Sipariş Örneği/Ordering Example/Bestellbeispiel  
1 ad./pcs./stück AEM90-DC07-D20-M10-L30-Z02-H  
Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321  
Sıkma Tork Değeri : S 320 / Tightening Torque : P 320 / Anzugsmoment : 320



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)							Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile	
		D	Z	d1	M	L	d2	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel
AEM90-R390.11-D16-M08-L30-Z02-H	●	16	2	14.75	M08	30	8.5	10	R390-11T3..	3008-M2.5x5	80-T08
AEM90-R390.11-D20-M10-L30-Z03-H	●	20	3	18	M10	30	10.5	10			
AEM90-R390.11-D25-M12-L35-Z03-H	●	25	3	21	M12	35	12.5	10			
AEM90-R390.11-D32-M16-L43-Z04-H	●	32	4	29	M16	43	17	10			

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



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)							Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile	
		D	Z	d1	M	L	d2	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel
AEM90-WN0604Z-D25-M12-L35-Z02-H	●	25	2	21	M12	35	12.5	5.7	WNHU 0604..	3008-M3x8	80-T08
AEM90-WN0604Z-D32-M16-L43-Z03-H	●	32	3	29	M16	43	17	5.7			
AEM90-WN0604Z-D40-M16-L43-Z04-H	●	40	4	29	M16	43	17	5.7			

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

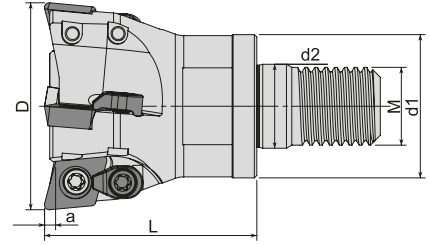
● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage  
ZCC Ucuna Uygun. / Compatible with ZCC Insert. Kompatibel mit ZCC Wendeplatten.

Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück AEM90-R390.11-D16-M08-L30-Z02-H

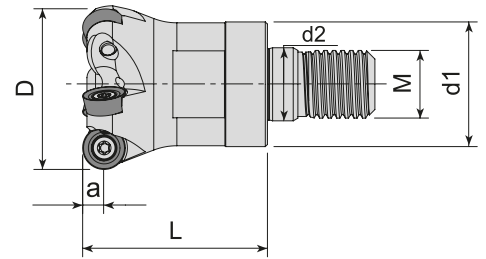
Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321

Sıkma Tork Değeri : S 320 / Tightening Torque : P 320 / Anzugsmoment : 320



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)							Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile			
		D	Z	d1	M	L	d2	a		Sıkma Vidası Screw Schraube	Baskı Parçası Wedge Clamp Spannpratze	Baskı Vidası Clamp Screw Klemmschraube	Tork Anahtar Torx Key Torx-Schlüssel
AEM95-XD0206-D16-M08-L23-Z02-H	●	16	2	14.75	M08	23	8.5	1	XDHW 0206..				
AEM95-XD0206-D16-M08-L23-Z02-H-F	●	16	2	14.75	M08	23	8.5	1					
AEM95-XD0206-D20-M10-L30-Z03-H	●	20	3	18	M10	30	10.5	1					
AEM95-XD0206-D20-M10-L30-Z03-H-F	●	20	3	18	M10	30	10.5	1					
AEM95-XD0206-D25-M12-L35-Z03-H	●	25	3	21	M12	35	12.5	1					
AEM95-XD0206-D25-M12-L35-Z03-H-F	●	25	3	21	M12	35	12.5	1					
AEM95C-XD0310-D35-M16-L43-Z03-H	●	35	3	29	M16	43	17	1.5	XDHW 0310..				
AEM95C-XD0310-D35-M16-L43-Z03-H-F	●	35	3	29	M16	43	17	1.5					
AEM95C-XD0310-D42-M16-L43-Z04-H	●	42	4	29	M16	43	17	1.5					
AEM95C-XD0310-D42-M16-L43-Z04-H-F	●	42	4	29	M16	43	17	1.5					

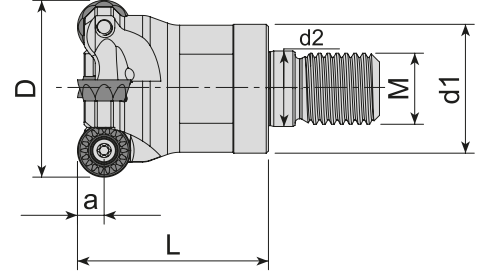
F: Çap toleransı +, - 0.02 mm içerisinde anlamına gelmektedir. / F: Diameter tolerance is between +, - 0.02 mm. / F: Durchmesser toleranz zwischen +/ - 0,02 mm  
DJT Ucuna Uygundur. / Compatible with DJT Insert. Kompatibel mit DJT Wendepplatten.



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)							Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile	
		D	Z	d1	M	L	d2	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel
AEMR-RC10T3-D25-M12-L35-Z03-H	●	25	3	21	M12	35	12.5	5	RC.. 10T3..		
AEMR-RC10T3-D32-M16-L43-Z04-H	●	32	4	29	M16	43	17	5			
AEMR-RC10T3-D40-M16-L43-Z05-H	●	40	5	29	M16	43	17	5			

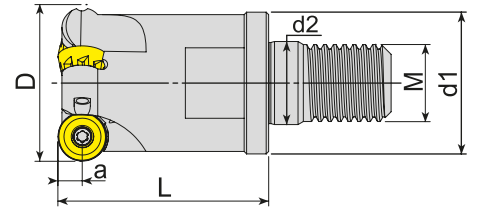
R: Sağ / Right / Rechts L: Sol/Left/Links  
● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage  
ZCC Ucuna Uygundur. / Compatible with ZCC Insert. Kompatibel mit ZCC Wendepplatten.

Sipariş Örneği/Ordering Example/Bestellbeispiel  
1 ad./pcs./stück AEM95-XD0206-D16-M08-L23-Z02-H  
Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321  
Sıkma Tork Değeri : S 320 / Tightening Torque : P 320 / Anzugsmoment : 320



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)							Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
		D	Z	d1	M	L	d2	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	
AEMR-RP08T2M-D20-M10-L30-Z02-H	●	20	2	18	M10	30	10.5	4				
AEMR-RP10T3M-D25-M12-L35-Z02-H	●	25	2	21	M12	35	12.5	5				
AEMR-RP10T3M-D32-M16-L43-Z03-H	●	32	3	29	M16	43	17	5				
AEMR-RP1204M-D32-M16-L43-Z03-H	●	32	3	29	M16	43	17	6				
AEMR-RP1204M-D40-M16-L43-Z04-H	●	40	4	29	M16	43	17	6				

MTSBSH Ucuna Uygunur. / Compatible with MTSBSH Insert. Kompatibel mit MTSBSH 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		
		D	Z	d1	M	L	d2	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	
AEMR-RP10T3-D25-M12-L35-Z02-H	●	25	2	21	12	35	12.5	5				
AEMR-RP10T3-D32-M16-L43-Z03-H	●	32	3	29	16	43	17	5				
AEMR-RP1204-D32-M16-L43-Z03-H	●	32	3	29	16	43	17	6				

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

● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage  
CRTZT Ucuna Uygunur. / Compatible with CRTZT Insert. Kompatibel mit CRTZT Wendeplatten.



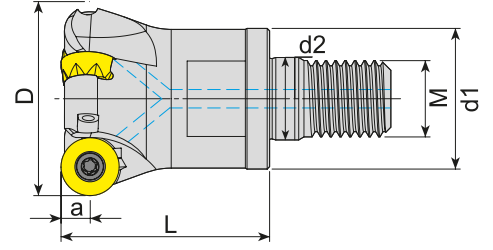
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Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück AEMR-RP08T2M-D20-M10-L30-Z02-H

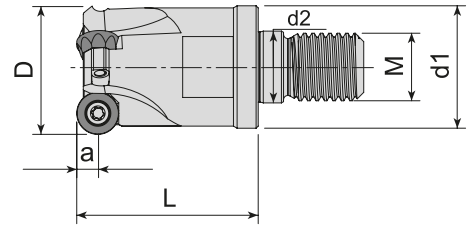
Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321

Sıkma Tork Değeri : S 320 / Tightening Torque : P 320 / Anzugsmoment : 320



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)							Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
		D	Z	d1	M	L	d2	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	
AEMR-RY10-D32-M16-L43-Z04-H	●	32	4	29	M16	43	17	5	RYMX 1004..	4015-M3.5x9	80-T15	
AEMR-RY10-D40-M16-L43-Z05-H	●	40	5	29	M16	43	17	5				
AEMR-RY12-D32-M16-L43-Z03-H	●	32	3	29	M16	43	17	6	RYMX 1205..	4015-M4x9	80-T15	
AEMR-RY12-D40-M16-L43-Z03-H	●	40	3	29	M16	43	17	6				

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



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)							Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
		D	Z	d1	M	L	d2	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	
AEMR-QP10T3-D25-M12-L35-Z02-H	●	25	2	21	M12	35	12.5	5	QP.. 10T3..	4015-M3.5x9	80-T15	
AEMR-QP10T3-D32-M16-L43-Z03-H	●	32	3	29	M16	43	17	5				

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 Uygun. / Compatible with SMTM Insert. Kompatibel mit SMTM Wendeplatten.

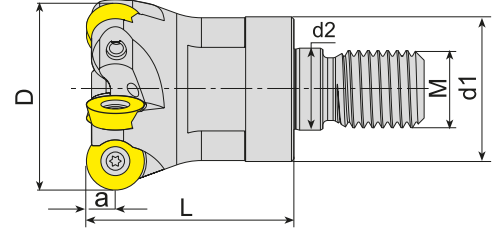
Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück AEMR-RY10-D32-M16-L43-Z04-H

Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321

Sıkma Tork Değeri : S 320 / Tightening Torque : P 320 / Anzugsmoment : 320





Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)							Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile	
		D	Z	d1	M	L	d2	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel
AEMR-RD0702-D15-M08-L23-Z02-H	●	15	2	13	M08	23	8.5	3.5	RD.. 0702	3008-M2.5x6	80-T08
AEMR-RD0702-D16-M08-L23-Z02-H	●	16	2	13	M08	23	8.5	3.5			
AEMR-RD0702-D20-M10-L30-Z04-H	●	20	4	18	M10	30	10.5	3.5			
AEMR-RD0702-D25-M12-L35-Z05-H	●	25	5	21	M12	35	12.5	3.5			
AEMR-RD0702-D30-M16-L42-Z05-H	●	30	5	29	M16	42	17	3.5			
AEMR-RD0702-D32-M16-L43-Z05-H	●	32	5	29	M16	43	17	3.5			
AEMR-RD0702-D35-M16-L42-Z06-H	●	35	6	29	M16	42	17	3.5			
AEMR-RD0702-D42-M16-L43-Z05-H	●	42	5	29	M16	43	17	3.5			
AEMR-RD0702-D42-M16-L43-Z07-H	●	42	7	29	M16	43	17	3.5			
AEMR-RD08T2-D16-M08-L23-Z02-H	●	16	2	13	M08	23	8.5	4	RD.. 08T2	3008-M2.5x6	80-T08
AEMR-RD08T2-D20-M10-L30-Z03-H	●	20	3	18	M10	30	10.5	4			
AEMR-RD08T2-D25-M12-L35-Z04-H	●	25	4	21	M12	35	12.5	4			
AEMR-RD0802-D16-M08-L23-Z02-H	●	16	2	13	M08	23	8.5	4	RD.. 0802	3008-M3x6	80-T08
AEMR-RD0803-D16-M08-L23-Z02-H	●	16	2	13	M08	23	8.5	4			
AEMR-RD0803-D20-M10-L30-Z03-H	●	20	3	18	M10	30	10.5	4	RD.. 0803	3008-M3x8	80-T08
AEMR-RD0803-D25-M12-L35-Z04-H	●	25	4	21	M12	35	12.5	4			
AEMR-RD1003-D20-M10-L30-Z02-H	●	20	2	18	M10	30	10.5	5	RD.. 1003	4015-M3.5x9	80-T15
AEMR-RD1003-D25-M12-L35-Z02-H	●	25	2	21	M12	35	12.5	5			
AEMR-RD1003-D25-M12-L35-Z03-H	●	25	3	21	M12	35	12.5	5			
AEMR-RD1003-D30-M16-L43-Z04-H	●	30	4	29	M16	43	17	5			
AEMR-RD1003-D32-M16-L43-Z04-H	●	32	4	29	M16	43	17	5			
AEMR-RD1003-D35-M16-L43-Z04-H	●	35	4	29	M16	43	17	5			
AEMR-RD1003-D40-M16-L43-Z05-H	●	40	5	29	M16	43	17	5			
AEMR-RD1003-D42-M16-L43-Z05-H	●	42	5	29	M16	43	17	5			
AEMR-RD1004-D25-M12-L35-Z03-H	●	25	3	21	M12	35	12.5	5	RD.. 1004	4515-M4x8	80-T15
AEMR-RD1004-D32-M16-L43-Z04-H	●	32	4	29	M16	43	17	5			
AEMR-RD12T3-D24-M12-L35-Z02-H	●	24	2	21	M12	35	12.5	6	RD.. 12T3	4015-M3.5x9	80-T15
AEMR-RD12T3-D25-M12-L35-Z02-H	●	25	2	21	M12	35	12.5	6			
AEMR-RD12T3-D32-M16-L43-Z03-H	●	32	3	29	M16	43	17	6			
AEMR-RD12T3-D35-M16-L43-Z03-H	●	35	3	29	M16	43	17	6			
AEMR-RD12T3-D35-M16-L43-Z04-H	●	35	4	29	M16	43	17	6			
AEMR-RD12T3-D40-M16-L43-Z04-H	●	40	4	29	M16	43	17	6			
AEMR-RD12T3-D42-M16-L43-Z05-H	●	42	5	29	M16	43	17	6			
AEMR-RD1204-D32-M16-L43-Z03-H	●	32	3	29	M16	43	17	6	RD.. 1204	4015-M4.5x11	80-T15
AEMR-RD1204-D42-M16-L43-Z04-H	●	42	4	29	M16	43	17	6			
AEMR-RD1604-D32-M16-L43-Z02-H	●	32	2	29	M16	43	17	8	RD.. 1604	4015-M4.5x11	80-T15
AEMR-RD1604-D40-M16-L43-Z02-H	●	40	2	29	M16	43	17	8			
AEMR-RD1604-D42-M16-L43-Z03-H	●	42	3	29	M16	43	17	8			

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

● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage  
ISO Uçuna Uygundur. / Compatible with ISO Insert. Kompatibel mit ISO Wendeplatten.

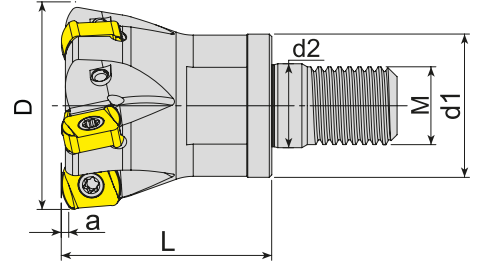
Sipariş Örneği/Ordering Example/Bestellbeispiel



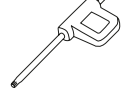
1 ad./pcs./stück AEMR-RD0702-D15-M08-L23-Z02-H

Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321

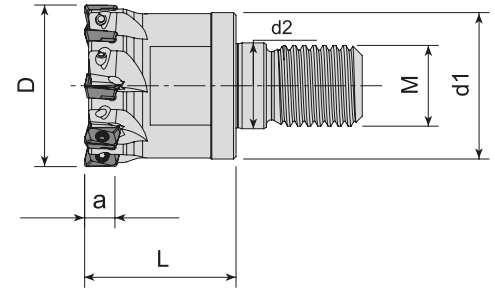
Sıkma Tork Değeri : S 320 / Tightening Torque : P 320 / Anzugsmoment : 320



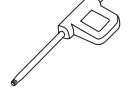




Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)							Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
		D	Z	d1	M	L	d2	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	
AHFM-BL0603-D32-M16-L40-Z05-H	●	32	5	29	M16	40	17	1				
AHFM-BL0904-D32-M16-L40-Z04-H	●	32	4	29	M16	40	17	1.5	BLMP 0603..	3008-M2.5x6	80-T08	
AHFM-BL0904-D42-M16-L43-Z05-H	●	42	5	29	M16	43	17	1.5				BLMP 0904..

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



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)							Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
		D	Z	d1	M	L	d2	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	
AHFM-ED0702-D12-M06-L20-Z03	●	12	3	10	M06	20	6.5	6				
AHFM-ED0702-D16-M08-L25-Z04-H	●	16	4	14.75	M08	25	8.5	6				
AHFM-ED0702-D20-M10-L30-Z05-H	●	20	5	18	M10	30	10.5	6				
AHFM-ED0702-D25-M12-L30-Z06-H	●	25	6	21	M12	30	12.5	6				
AHFM-ED0702-D32-M16-L30-Z08-H	●	32	8	29	M16	30	17	6				
									EDMT 0702 JDMT 070204	3006-M1.8x4	80-T06	

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

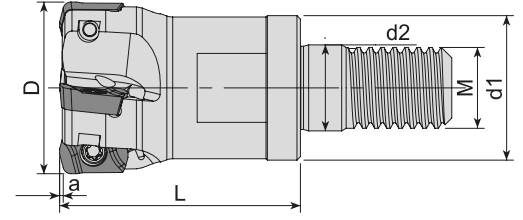
● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage  
HTCH Ucuna Uygun. / Compatible with HTCH Insert. Kompatibel mit HTCH Wendeplatten.



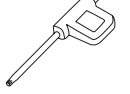

Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück AHFM-BL0603-D32-M16-L40-Z05-H

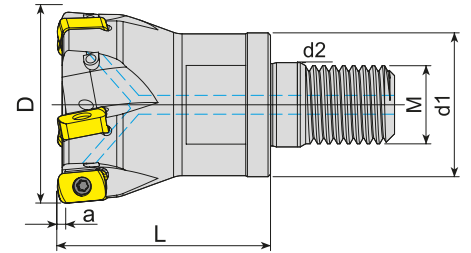
Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321





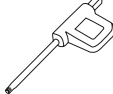
Sıkma Tork Değeri : S 320 / Tightening Torque : P 320 / Anzugsmoment : 320



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)							Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
		D	Z	d1	M	L	d2	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	
AHFM-EP1003-D16-M08-L23-Z02-H	●	16	2	14.75	M08	23	8.5	1	 <b>EP.. 1003..</b> <b>ZPMT 1003..</b> <b>YPHW 1003..</b>	 3008-M2.5x5	 80-T08	
AHFM-EP1003-D20-M10-L30-Z04-H	●	20	4	18	M10	30	10.5	1				 3008-M2.5x6
AHFM-EP1003-D25-M12-L35-Z04-H	●	25	4	21	M12	35	12.5	1				
AHFM-EP1003-D32-M16-L43-Z05-H	●	32	5	29	M16	43	17	1				
AHFM-EP1003-D35-M16-L43-Z05-H	●	35	5	29	M16	43	17	1				
AHFM-EP1003-D42-M16-L43-Z06-H	●	42	6	29	M16	43	17	1				

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



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)							Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile			
		D	Z	d1	M	L	d2	a		Sıkma Vidası Screw Schraube	Baskı Parçası Wedge Clamp Spannpratze	Baskı Vidası Clamp Screw Klemmschraube	Tork Anahtar Torx Key Torx-Schlüssel
AHFM-EN1004-D16-M08-L23-Z02-H	●	16	2	14.75	M08	23	8.5	1	 <b>ENMU 1004..</b>	 3008-M2.5x5			 80-T08
AHFM-EN1004-D20-M10-L30-Z03-H	●	20	3	18	M10	30	10.5	1					
AHFM-EN1004-D25-M12-L35-Z03-H	●	25	3	21	M12	35	12.5	1					
AHFM-EN1004-D25-M12-L35-Z04-H	●	25	4	21	M12	35	12.5	1					
AHFM-EN1004-D32-M16-L43-Z05-H	●	32	5	29	M16	43	17	1					
AHFM-EN1004-D35-M16-L43-Z05-H	●	35	5	29	M16	43	17	1					
AHFM-EN1004-D40-M16-L43-Z05-H	●	40	5	29	M16	43	17	1					
AHFM-EN1004-D42-M16-L43-Z05-H	●	42	5	29	M16	43	17	1					

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

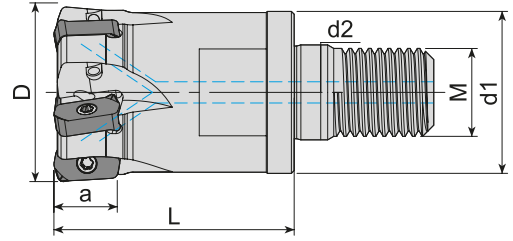
● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage  
DJT Ucuna Uygundur. / Compatible with DJT Insert. Kompatibel mit DJT Wendepplatten.

Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück AHFM-EP1003-D16-M08-L23-Z02-H

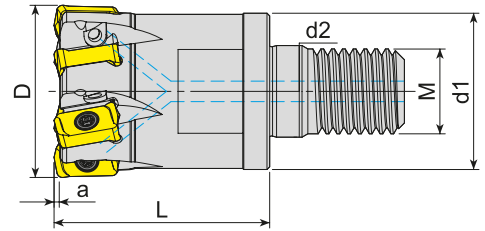
Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321

Sıkma Tork Değeri : S 320 / Tightening Torque : P 320 / Anzugsmoment : 320



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)						Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile				
		D	Z	d1	M	L	d2		a	Sıkma Vidası Screw Schraube	Baskı Parçası Wedge Clamp Spannpratze	Baskı Vidası Clamp Screw Klemmschraube	Tork Anahtar Torx Key Torx-Schlüssel
AHFM-LN120-D25-M12-L35-Z04-H	●	25	4	21	M12	35	12.5	12	LNMX 1235..	3008-M2.5x6	-	-	80-T08
AHFM-LN120-D32-M16-L43-Z05-H	●	32	5	29	M16	43	17	12					
AHFM-LN120-D42-M16-L43-Z06-H	●	42	6	29	M16	43	17	12					

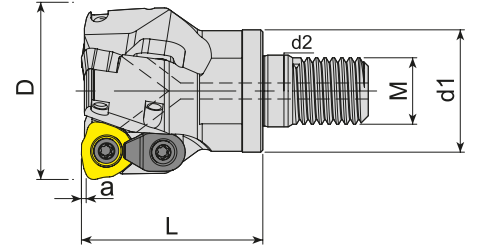
B.OKE Ucuna Uygundur. / Compatible with B.OKE Insert. Kompatibel mit B.OKE Wendepplatten.



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)						Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile				
		D	Z	d1	M	L	d2		a	Sıkma Vidası Screw Schraube	Baskı Parçası Wedge Clamp Spannpratze	Baskı Vidası Clamp Screw Klemmschraube	Tork Anahtar Torx Key Torx-Schlüssel
AHFM-L003-D20-M10-L30-Z04-H-F	●	20	4	18	M10	30	10.5	1	LOGU 0303..	1108-M3x6.8	-	-	80-T08
AHFM-L003-D25-M12-L35-Z04-H-F	●	25	4	21	M12	35	12.5	1					
AHFM-L003-D25-M12-L35-Z04-H	●	25	4	21	M12	35	12.5	1					
AHFM-L003-D32-M16-L40-Z05-H-F	●	32	5	29	M16	40	17	1					
AHFM-L003-D32-M16-L40-Z05-H	●	32	5	29	M16	40	17	1					
AHFM-L003-D32-M16-L40-Z06-H-F	●	32	6	29	M16	40	17	1					
AHFM-L003-D32-M16-L40-Z06-H	●	32	6	29	M16	40	17	1					
AHFM-L003-D42-M16-L40-Z05-H	●	42	5	29	M16	40	17	1					
AHFM-L003-D42-M16-L40-Z06-H	●	42	6	29	M16	40	17	1					

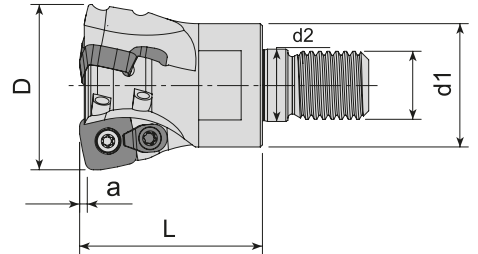
R: Sağ / Right / Rechts L: Sol/Left/Links  
● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage  
KYCR Ucuna Uygundur. / Compatible with KYCR Insert. Kompatibel mit KYCR Wendepplatten.

Sipariş Örneği/Ordering Example/Bestellbeispiel  
1 ad./pcs./stück AHFM-LN120-D25-M12-L35-Z04-H  
Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321  
Sıkma Tork Değeri : S 320 / Tightening Torque : P 320 / Anzugsmoment : 320



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)						Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile				
		D	Z	d1	M	L	d2		a	Sıkma Vidası Screw Schraube	Baskı Parçası Wedge Clamp Spannpratze	Baskı Vidası Clamp Screw Klemmschraube	Tork Anahtar Torx Key Torx-Schlüssel
AHFMC-JD1204-D32-M16-L43-Z02-H	●	32	2	29	M16	43	17	1.5	JDMW 1204..	4615-M4x11	ACK-05	4015-M4x11	80-T15
AHFMC-JD1204-D42-M16-L43-Z03-H	●	42	3	29	M16	43	17	1.5					

MTSBSH Ucuna Uygunur. / Compatiple with MTSBSH Insert. Kompatibel mit MTSBSH 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				
		D	Z	d1	M	L	d2		a	Sıkma Vidası Screw Schraube	Baskı Parçası Wedge Clamp Spannpratze	Baskı Vidası Clamp Screw Klemmschraube	Tork Anahtar Torx Key Torx-Schlüssel
AHFMC-SD06T2-D16-M08-L23-Z02-H	●	16	2	14.75	M08	23	8.5	0.8	SD.. 06T2..	3007-M2.2x5	-	-	80-T07
AHFMC-SD06T2-D20-M10-L30-Z03-H	●	20	3	18	M10	30	10.5	0.8					
AHFMC-SD06T2-D25-M12-L35-Z04-H	●	25	4	21	M12	35	12.5	0.8	SD.. 09T3..	3010-M3.5x9	ACK-15	1510-M3.5x9	80-T10
AHFMC-SD09T3-D25-M12-L30-Z02-H	●	25	2	22	M12	30	12.5	1.4					
AHFMC-SD09T3-D32-M16-L43-Z03-H	●	32	3	29	M16	43	17	1.4	SD.. 1204..	4015-M4x9			80-T15
AHFMC-SD09T3-D35-M16-L43-Z03-H	●	35	3	29	M16	43	17	1.4					
AHFMC-SD09T3-D40-M16-L43-Z04-H	●	40	4	29	M16	43	17	1.4					
AHFMC-SD1204-D32-M16-L43-Z02-H	●	32	2	29	M16	43	17	1.8					
AHFMC-SD1204-D40-M16-L43-Z03-H	●	40	3	29	M16	43	17	1.8					

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 Uygunur. / Compatiple with ZCC Insert. Kompatibel mit ZCC Wendeplatten.

Sipariş Örneği/Ordering Example/Bestellbeispiel

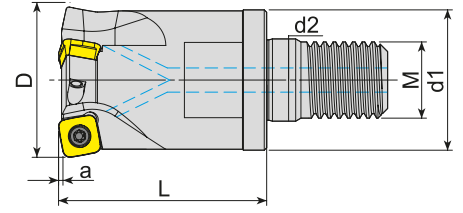
1 ad./pcs./stück AHFMC-JD1204-D32-M16-L43-Z02-H

Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321

Sıkma Tork Değeri : S 320 / Tightening Torque : P 320 / Anzugsmoment : 320



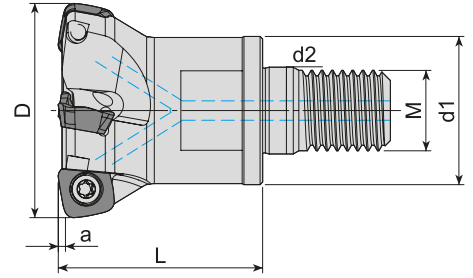
new



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				
		D	Z	d1	M	L	d2		a	Sıkma Vidası Screw Schraube	Baskı Parçası Wedge Clamp Spannpratze	Baskı Vidası Clamp Screw Klemmschraube	Tork Anahtar Torx Key Torx-Schlüssel
AHFM-S00803-D20-M10-L30-Z02-H	●	20	2	18	M10	30	10.5	1	SOMW 0803..	4010-M3X8	-	-	80-T10
AHFM-S00803-D25-M12-L35-Z03-H	●	25	3	22	M12	35	12.5	1					
AHFM-S00803-D32-M16-L43-Z03-H	●	32	3	29	M16	43	17	1					
AHFM-S00803-D32-M16-L43-Z04-H	●	32	4	29	M16	43	17	1					
AHFM-S00803-D40-M16-L43-Z04-H	●	40	4	29	M16	43	17	1					

KPTK Ucuna Uygundur. / Compatible with KPTK Insert. Kompatibel mit KPTK 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				
		D	Z	d1	M	L	d2		a	Sıkma Vidası Screw Schraube	Baskı Parçası Wedge Clamp Spannpratze	Baskı Vidası Clamp Screw Klemmschraube	Tork Anahtar Torx Key Torx-Schlüssel
AHFM-S01004-D32-M16-L40-Z03-H	●	32	3	29	M16	40	17	1.5	SOMT 1004..	4015-M4x9	-	-	80-T15
AHFM-S01004-D40-M16-L40-Z04-H	●	40	4	29	M16	40	17	1.5					
AHFM-S01004-D42-M16-L40-Z04-H	●	42	4	29	M16	40	17	1.5					

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

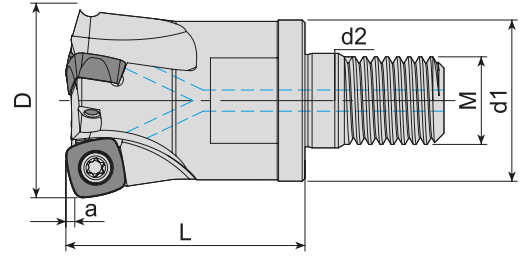
● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage  
KYCR Ucuna Uygundur. / Compatible with KYCR Insert. Kompatibel mit KYCR Wendeplatten.

Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück AHFM-S00803-D20-M10-L30-Z02-H

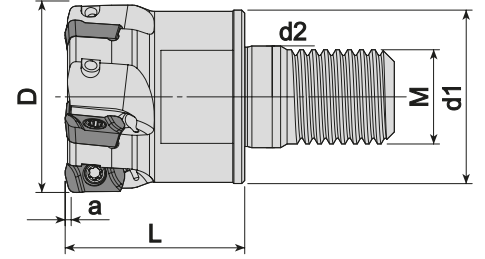
Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321

Sıkma Tork Değeri : S 320 / Tightening Torque : P 320 / Anzugsmoment : 320



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)							Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile			
		D	Z	d1	M	L	d2	a		Sıkma Vidası Screw Schraube	Baskı Parçası Wedge Clamp Spannpratze	Baskı Vidası Clamp Screw Klemmschraube	Tork Anahtar Torx Key Torx-Schlüssel
AHFM-SP1004-D32-M16-L43-Z03-H	●	32	3	29	M16	43	17	1.5	SPNW 1004..	3015-M3.5x9	-	-	80-T15
AHFM-SP1004-D35-M16-L43-Z03-H	●	35	3	29	M16	43	17	1.5					
AHFM-SP1004-D42-M16-L43-Z04-H	●	42	4	29	M16	43	17	1.5					

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



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)							Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile			
		D	Z	d1	M	L	d2	a		Sıkma Vidası Screw Schraube	Baskı Parçası Wedge Clamp Spannpratze	Baskı Vidası Clamp Screw Klemmschraube	Tork Anahtar Torx Key Torx-Schlüssel
AHFM-YP1003-D16-M08-L23-Z02-F	●	16	2	14.75	M08	23	8.5	1	YPHW 1003..	3008-M2.5x5	-	-	80-T08
AHFM-YP1003-D16-M08-L23-Z02-H-F	●	16	2	14.75	M08	23	8.5	1					
AHFM-YP1003-D17-M08-L23-Z02-H-F	●	17	2	14.75	M08	23	8.5	1					
AHFM-YP1003-D20-M10-L30-Z03-H-F	●	20	3	18	M10	30	10.5	1					
AHFM-YP1003-D20-M10-L30-Z04-F	●	20	4	18	M10	30	10.5	1					
AHFM-YP1003-D21-M10-L30-Z03-H-F	●	21	3	18	M10	30	10.5	1					
AHFM-YP1003-D25-M12-L35-Z04-F	●	25	4	21	M12	35	12.5	1					
AHFM-YP1003-D25-M12-L35-Z04-H-F	●	25	4	21	M12	35	12.5	1					
AHFM-YP1003-D26-M12-L35-Z04-H-F	●	26	4	21	M12	35	12.5	1					
AHFM-YP1003-D32-M16-L30-Z05-F	●	32	5	29	M16	30	17	1					
AHFM-YP1003-D32-M16-L43-Z05-H-F	●	32	5	29	M16	43	17	1					
AHFM-YP1003-D40-M16-L43-Z06-H-F	●	40	6	29	M16	43	17	1					
AHFM-YP1003-D42-M16-L43-Z06-H-F	●	42	6	29	M16	43	17	1					

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

● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage  
DJT Ucuna Uygun. / Compatible with DJT Insert. Kompatibel mit DJT Wendeplatten.

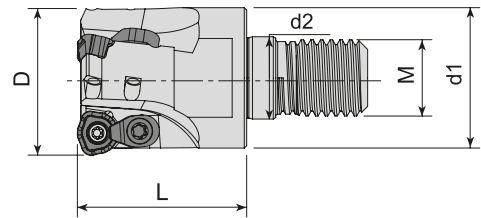
Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück AHFM-SP1004-D32-M16-L43-Z03-H

Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321

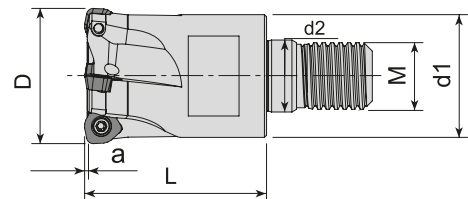
Sıkma Tork Değeri : S 320 / Tightening Torque : P 320 / Anzugsmoment : 320





Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)						Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile				
		D	Z	d1	M	L	d2		a	Sıkma Vidası Screw Schraube	Baskı Parçası Wedge Clamp Spannpratze	Baskı Vidası Clamp Screw Klemmschraube	Tork Anahtar Torx Key Torx-Schlüssel
AHFMC-WD0804-D25-M12-L35-Z02-H	●	25	2	21	M12	35	12.5	-	WDMT 0804..	4010-M3x8	ACK-15	4010-M3x8	80-T10
AHFMC-WD0804-D32-M16-L35-Z03-H	●	32	3	29	M16	35	17	-					

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



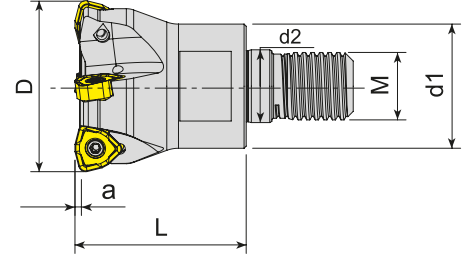
Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)						Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile				
		D	Z	d1	M	L	d2		a	Sıkma Vidası Screw Schraube	Baskı Parçası Wedge Clamp Spannpratze	Baskı Vidası Clamp Screw Klemmschraube	Tork Anahtar Torx Key Torx-Schlüssel
AHFM-WD0503D-D20-M10-L30-Z02-H	●	20	2	18	M10	30	10.5	1.25	WDMT 0503..	4010-M3x6	-	-	80-T10
AHFM-WD0503D-D25-M12-L35-Z03-H	●	25	3	21	M12	35	12.5	1.25		4010-M3x8			
AHFM-WD0503D-D32-M16-L43-Z04-H	●	32	4	29	M16	43	17	1.25					
AHFM-WD0503D-D40-M16-L43-Z05-H	●	40	5	29	M16	43	17	1.25					
AHFMC-WD06T3D-D35-M16-L43-Z03-H	●	35	3	29	M16	43	17	1.5	WDHW 06T3..	3015-M3.5x9	ACK-15	4015-M3.5x11	80-T15
AHFMC-WD0805D-D32-M16-L43-Z02-H	●	32	2	29	M16	43	17	2	WDHW 0805..	4020-M4.5x10	ACK-19	4020-M4.5x12	




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

● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage  
DJT Ucuna Uygun. / Compatible with DJT Insert. Kompatibel mit DJT Wendeplatten.

Sipariş Örneği/Ordering Example/Bestellbeispiel  
1 ad./pcs./stück AHFMC-WD0804-D25-M12-L35-Z02-H  
Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321  
Sıkma Tork Değeri : S 320 / Tightening Torque : P 320 / Anzugsmoment : 320

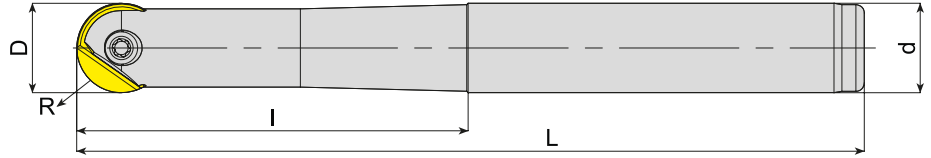
➤ S-SİSTEM HIZLI İLERLEMELİ MODÜLER PARMAK FREZELER  
S-SYSTEM MODULAR (SCREW TYPE) HIGHFEED END MILLS  
S-SYSTEM HOCHVORSCHUB-EINSCHRAUBFRÄSER

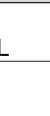




Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)							Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile	
		D	Z	d1	M	L	d2	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel
AHFM-WN09T3-D32-M16-L40-Z03-H	●	32	3	29	M16	40	17	1.5			
AHFM-WN09T3-D40-M16-L40-Z04-H	●	40	4	29	M16	40	17	1.5			

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

➤ KÜRE UÇLU PARMAK FREZELER  
BALL NÖSE END MILLS  
KUGELKOPIERFRÄSER



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile	
		D	R	d	L	I		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel
APMR-BNM12-D12-C12-L130	●	12	6	12	130	32			
APMR-BNM16-D16-C16-L175	●	16	8	16	175	70			
							<b>BNM 160-S</b>	1215-M4x13.5	80-T15

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

● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage  
DJT Ucuna Uygun. / Compatible with DJT Insert. Kompatibel mit DJT Wendeplatten.

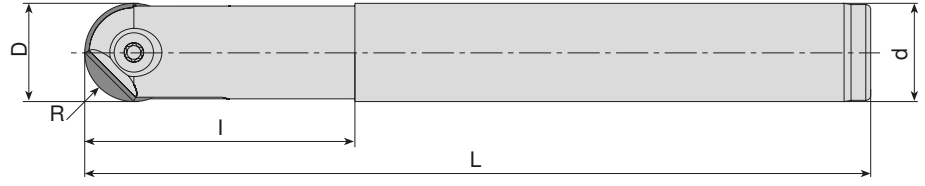
Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück AHFM-WN09T3-D32-M16-L40-Z03-H

Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321

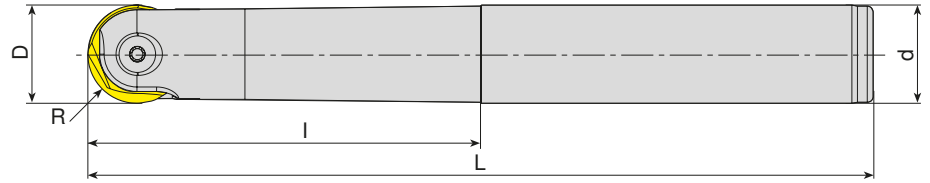


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Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile	
		D	R	d	L	I		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel
APMR-R012-D12-C12-L120	●	12	6	12	120	35	ROHX 1203	1215-M4x0.5x9	80-T15
APMR-R012-D12-C16-L160	●	12	6	16	160	50			
APMR-R016-D16-C16-L160	●	16	8	16	160	45			
APMR-R016-D16-C16-L200	●	16	8	16	200	45	ROHX 1604	1220-M5x0.5x12	80-T20
APMR-R016-D16-C20-L200	●	16	8	20	200	65			
APMR-R020-D20-C20-L160	●	20	10	20	160	55	ROHX 2005	1220-M5x0.5x15	80-T20
APMR-R020-D20-C20-L200	●	20	10	20	200	55			
APMR-R020-D20-C25-L220	●	20	10	25	220	80			

ZCC Ucuna Uygun. / 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	
		D	R	d	L	I		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel
APMR-P3208-D08-C10-L110	●	8	4	10	110	25	P3208	1208-M3x7	80-T08
APMR-P3210-D10-C10-L130	●	10	5	10	130	30	P3210	1215-M4x0.5x9	80-T15
APMR-P3210-D10-C12-L130	●	10	5	12	130	30			
APMR-P3212-D12-C12-L130	●	12	6	12	130	32	P3212	1220-M5x0.5x9	80-T20
APMR-P3216-D16-C16-L175	●	16	8	16	175	60	P3216	1220-M5x0.5x12	
APMR-P3220-D20-C20-L200	●	20	10	20	200	100	P3220	1220-M5x0.5x15	
APMR-P3225-D25-C25-L200	●	25	12.5	25	200	100	P3225	1220-M6x0.75x20	AAL-05-4
APMR-P3232-D32-C32-L200	●	32	16	32	200	100	P3232	1204-M8x0.75x26	

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

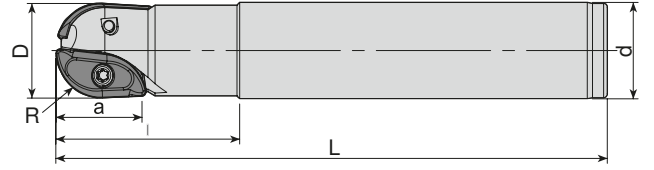
● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage  
WLTR Ucuna Uygun. / Compatible with WLTR Insert. Kompatibel mit WLTR Wendeplatten.

Sipariş Örneği / Ordering Example / Bestellbeispiel  
1 ad./pcs./stück APMR-R012-D12-C12-L120

Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321



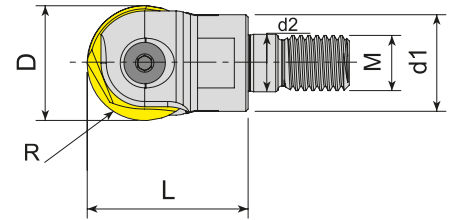
➤ KÜRE UÇLU PARMAK FREZELER  
BALL NÖSE END MILLS  
KUGELKOPIERFRÄSER



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
		D	R	d	L	l		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	
APMR-XP16-D16-C16-L150	●	16	8	16	150	40				
APMR-XP20-D20-C20-L150	●	20	10	20	150	50				
APMR-XP25-D25-C25-L150	●	25	12.5	25	150	50				

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

➤ KÜRE UÇLU MODÜLER PARMAK FREZELER  
BALL NÖSE MODULAR (SCREW TYPE) END MILLS  
MODULARE EINSCHRAUB-KUGELFRÄSER



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)						Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
		D	R	d1	M	L	d2		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	
APMR-P3216-D16-M08-L25	●	16	8	14	M08	25	8.5				
APMR-P3220-D20-M10-L30	●	20	10	18	M10	30	10.5				
APMR-P3225-D25-M12-L35	●	25	12.5	21	M12	35	12.5				
APMR-P3232-D32-M16-L43	●	32	16	30	M16	43	17				

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

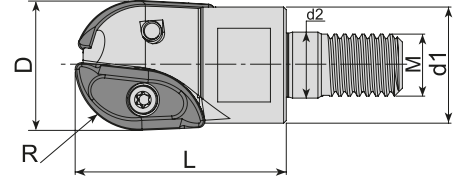
● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage  
WLTR Ucuna Uygundur. / Compatible with WLTR Insert. Kompatibel mit WLTR Wendeplatten.




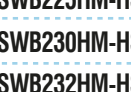

Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück APMR-P3216-D16-M08-L25

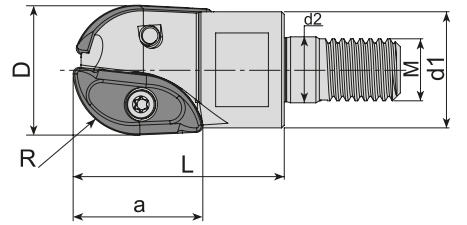
Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321






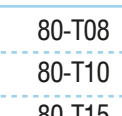
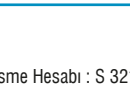

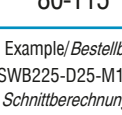
Sıkma Tork Değeri : S 320 / Tightening Torque : P 320 / Anzugsmoment : 320



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)						Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
		D	R	d1	M	L	d2		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	
APMR-SWB225-D25-M12-L35	●	25	12.5	23.5	M12	35	12.5				
APMR-SWB230-D30-M16-L43	●	30	15	28	M16	43	17		1020-M5x11	80-T20	
APMR-SWB232-D32-M16-L43	●	32	16	30	M16	43	17				

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



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)							Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
		D	R	d1	M	L	a	d2		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	
APMR-XP16-D16-M08-L25	●	16	8	14.75	M08	25	16	8.5				
APMR-XP20-D20-M10-L30	●	20	10	18	M10	30	20	10.5				
APMR-XP25-D25-M12-L40	●	25	12.5	22	M12	40	25	12.5				

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

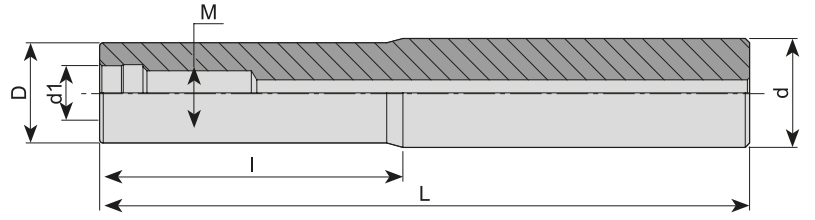
● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage  
ZCC Ucuna Uygunur. / Compatible with ZCC Insert. Kompatibel mit ZCC Wendeplatten.

Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück APMR-SWB225-D25-M12-L35

Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321

Sıkma Tork Değeri : S 320 / Tightening Torque : P 320 / Anzugsmoment : 320



Takım Kodu  
Ordering Code  
Bestell-Bezeichnung

Stok  
Stock  
Lager

Takım Ölçüleri (mm)  
Dimension (mm)  
Abmessung (mm)

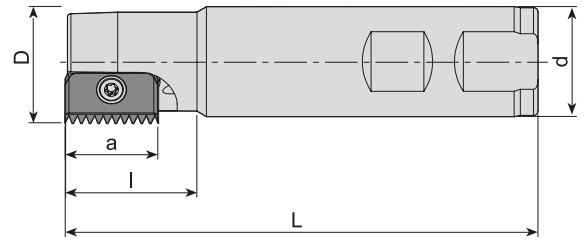
Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	d	M	d1	D	L	I
AVTT-D13-C16-M08-L100-H	●	16	M08	8.5	13	100	40
AVTT-D15-C16-M08-L130-H	●	16	M08	8.5	15	130	70
AVTT-D18-C20-M10-L130-H	●	20	M10	10.5	18	130	70
AVTT-D18-C20-M10-L160-H	●	20	M10	10.5	18	160	80
AVTT-D23-C25-M12-L150-H	●	25	M12	12.5	23	150	70
AVTT-D23-C25-M12-L200-H	●	25	M12	12.5	23	200	100
AVTT-D23-C25-M12-L250-H	●	25	M12	12.5	23	250	150
AVTT-D30-C32-M16-L150-H	●	32	M16	17	30	150	70
AVTT-D30-C32-M16-L200-H	●	32	M16	17	30	200	100
AVTT-D30-C32-M16-L250-H	●	32	M16	17	30	250	150
AVTT-D30-C32-M16-L300-H	●	32	M16	17	30	300	200

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

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

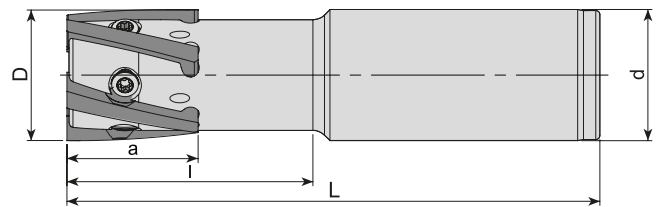
Sipariş Örneği/Ordering Example/Bestellbeispiel  
1 ad./pcs./stück AVTT-D13-C16-M08-L100-H





Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)						Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
		D	Z	d	L	l	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	
ATM-C14-D14-W20-L100-Z01-H	●	14	1	20	100	25	14	C14	3008-M2.5x6	80-T08	
ATM-C21-D18-W20-L100-Z01-H	●	18	1	20	100	30	21		4015-M4x9		
ATM-C21-D21-W25-L125-Z01-H	●	21	1	25	125	40	21	C21	4015-M4x11	80-T15	
ATM-C21-D25-W20-L125-Z01-H	●	25	1	20	125	30	21				
ATM-C21-D28-W25-L90-Z01-H	●	28	1	25	90	30	21				
ATM-C21-D38-W32-L90-Z03-H	●	38	3	32	90	30	21				
ATM-C21-D38-W32-L120-Z03-H	●	38	3	32	120	30	21				
ATM-C21-D43-W32-L90-Z03-H	●	43	3	32	90	30	21	C30	1020-M5x14	80-T20	
ATM-C30-D29-W25-L150-Z01-H	●	29	1	25	150	50	30				

CPT Ucuna Uygunudur. / Compatible with CPT Insert. Kompatibel mit CPT Wendeplatten.

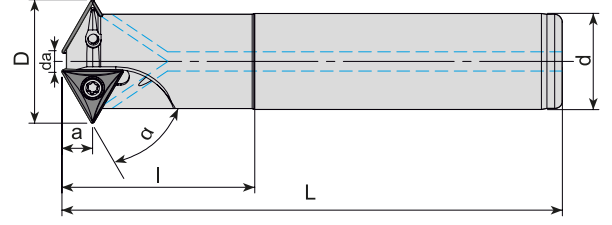




Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)						Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
		D	Z	d	L	l	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	
ATM-H23-D23-C25-L100-Z02-H	●	23	2	25	100	30	27	H23	1015-M4x8	80-T15	
ATM-H32-D32-C32-L130-Z05-H	●	32	5	32	130	35	32	H32	1720-U8-32x10	80-T20	

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

● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage  
CPT Ucuna Uygunudur. / Compatible with CPT Insert. Kompatibel mit CPT Wendeplatten.

Sipariş Örneği/Ordering Example/Bestellbeispiel  
1 ad./pcs./stück ATM-C14-D14-W20-L100-Z01-H  
Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321

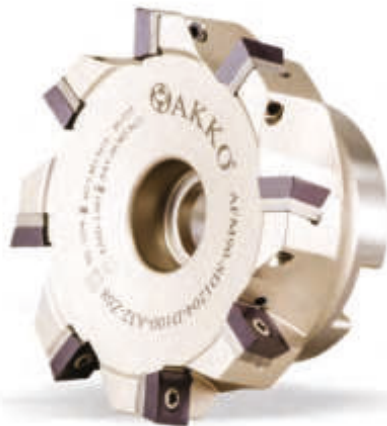


Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)								Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile	
		$\alpha$	D	d	da	L	l	Z	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel
ATM60-TB0601-D13-C10-L150-Z02-H	●	60	13	10	2.5	150	40	2	3.3			80-T06
ATM60-TC0902-D20.5-C16-L150-Z02-H	●	60	20.5	16	5.2	150	40	2	4.7	<b>TC.T 090202</b>	3007-M2.2x5	80-T07
ATM60-TC1102-D26-C20-L150-Z03-H	●	60	26	20	8.3	150	50	3	5.4	<b>TC.T 110202</b>	3008-M2.5x6	80-T08
ATM60-TC16T3-D32-C25-L150-Z02-H	●	60	32	25	6.4	150	50	2	8	<b>TC.T 16T304</b>	4015-M3.5x9	80-T15
ATM60-TC16T3-D40-C32-L250-Z03-H	●	60	40	32	13.7	250	50	3	8			

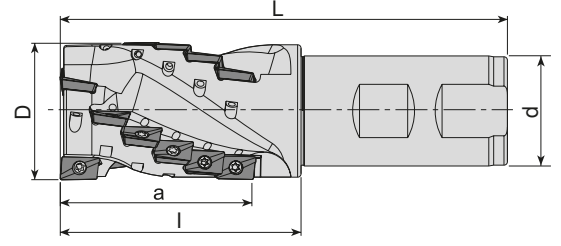
R: Sağ / Right / Rechts L: Sol/Left/Links

● 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 ATM60-TB0601-D13-C10-L150-Z02-H  
Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321







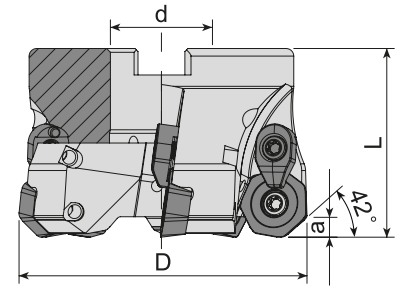
**Takım Kodu**  
**Ordering Code**  
**Bestell-Bezeichnung**

Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)							Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile				
		Z		D	d	a	l	L		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel			
		Toplam Total Gesamt	Etkili Effective Effektiv											
AHM90-AP10-D20-W20-L087-Z0204	●	4	2	20	20	28	37	87						
AHM90-AP10-D20-W20-L087-Z0206	●	6	2	20	20	28	37	87						
AHM90-AP10-D25-W25-L105-Z0208-H	●	8	2	25	25	37	50	105				<b>AP.. 1003..</b>	3008-M2.5x6	80-T08
AHM90-AP10-D32-W32-L115-Z0315-H	●	15	3	32	32	46	55	115						
AHM90-AP10-D40-W32-L130-Z0318-H	●	18	3	40	32	55	70	130						

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

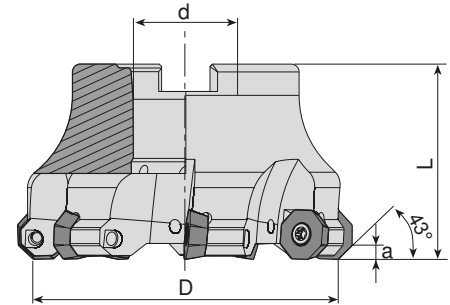
Sipariş Örneği/Ordering Example/Bestellbeispiel  
1 ad./pcs./stück AHM90-AP10-D20-W20-L087-Z0204  
Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321





Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile					
		D	Z	d	L	a		Sıkma Vidası Screw Schraube	Baskı Parçası Wedge Clamp Spannpratze	Baskı Vidası Clamp Screw Klemmschraube	Tork Anahtar Torx Key Torx-Schlüssel	Montaj Vidası Mounting Screw Befestigungsschraube	
AFM42C-XD0806-D063-A27-Z04-H	●	63	4	27	50	12	XDMW 0806..	4020-M4.5x12	ACK-24	4020-M4.5x12	80-T20	2510-M12x35	
AFM42C-XD0806-D080-A27-Z05-H	●	80	5	27	50	12							
AFM42C-XD0806-D100-A32-Z06-H	●	100	6	32	63	12							2514-M16x35
AFM42C-XD0806-D125-B40-Z07	●	125	7	40	63	12							-
AFM42C-XD0806-D160-C40-Z08	●	160	8	40	63	12							-
AFM42C-XD0806-D200-C60-Z09	●	200	9	60	63	12							-

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



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile			
		D	Z	d	L	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	Montaj Vidası Mounting Screw Befestigungsschraube	
AFM43-OD0504-D040-A16-Z04-H	●	40	4	16	40	3.5	OD.. 0504..	4015-M3.5x11	80-T15	2506-M8x30	
AFM43-OD0504-D050-A22-Z05-H	●	50	5	22	40	3.5					2407-M10x30
AFM43-OD0504-D063-A22-Z06-H	●	63	6	22	40	3.5					2510-M12x35
AFM43-OD0504-D080-A27-Z07-H	●	80	7	27	50	3.5					2514-M16x35
AFM43-OD0504-D100-A32-Z08-H	●	100	8	32	50	3.5					-

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

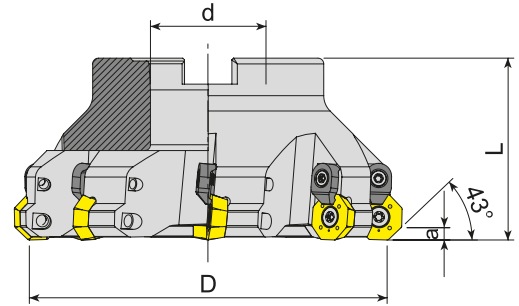
● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage  
WLTR Ucuna Uygundur. / Compatible with WLTR Insert. Kompatibel mit WLTR Wendeleitplatten.

Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück AFM42C-XD0806-D063-A27-Z04-H

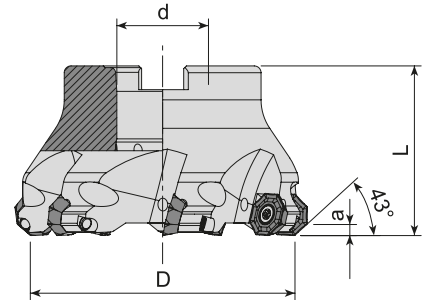
Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321

Montaj Ölçüleri : S 318 / Mounting Reference : P 318 / Montagehinweis : 318



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile					
		D	Z	d	L	a		Sıkma Vidası Screw Schraube	Baskı Parçası Wedge Clamp Spannpratze	Baskı Vidası Clamp Screw Klemmschraube	Tork Anahtar Torx Key Torx-Schlüssel	Montaj Vidası Mounting Screw Befestigungsschraube	
AFM43C-OD0605-D080-A27-Z06-H	●	80	6	27	50	4	OD.. 0605..		ACK-05	4015-M4x11	80-T20	2510-M12x35	
AFM43C-OD0605-D100-A32-Z07-H	●	100	7	32	50	4						1020-M5x11	2514-M16x35
AFM43C-OD0605-D125-B40-Z08	●	125	8	40	63	4						-	

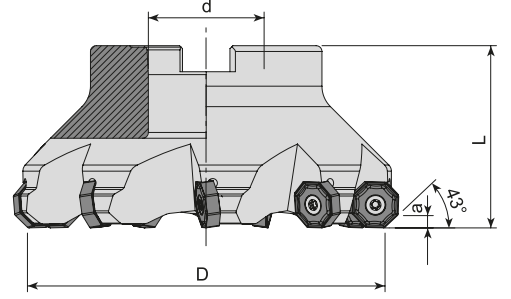
WLTR-LMN Ucuna Uygunur. / Compatible with WLTR-LMN Insert. Kompatibel mit WLTR-LMN Wendeplatten.



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile			
		D	Z	d	L	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	Montaj Vidası Mounting Screw Befestigungsschraube	
AFM43-OF05T3-D050-A22-Z05-H	●	50	5	22	40	3	OF.. 05T3..		80-T15	2407-M10x30	
AFM43-OF05T3-D063-A22-Z06-H	●	63	6	22	40	3				4015-M4x9	2510-M12x35
AFM43-OF05T3-D080-A27-Z07-H	●	80	7	27	50	3				4015-M4x11	-
AFM43-OF05T3-D125-B40-Z09	●	125	9	40	63	3				-	

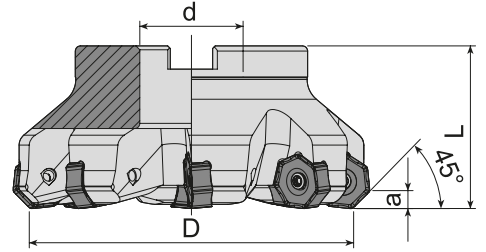
R: Sağ / Right / Rechts L: Sol/Left/Links  
● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage  
ISO Ucuna Uygunur. / Compatible with ISO Insert. Kompatibel mit ISO Wendeplatten.

Sipariş Örneği/Ordering Example/Bestellbeispiel  
1 ad./pcs./stück AFM43C-OD0605-D080-A27-Z06-H  
Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321  
Montaj Ölçüleri : S 318 / Mounting Reference : P 318 / Montagehinweis : 318



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
		D	Z	d	L	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	Montaj Vidası Mounting Screw Befestigungsschraube
AFM43-ON0604-D050-A22-Z05-H	●	50	5	22	40	4	ON.. 0604..	4015-M4x11	80-T15	2407-M10x30
AFM43-ON0604-D063-A22-Z06-H	●	63	6	22	40	4				
AFM43-ON0604-D080-A27-Z07-H	●	80	7	27	50	4				
AFM43-ON0604-D100-A32-Z08-H	●	100	8	32	50	4				
AFM43-ON0604-D125-B40-Z09	●	125	9	40	63	4				

ZCC Ucuna Uygunur. / Compatible with ZCC Insert. Kompatibel mit ZCC Wendepalten.



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
		D	Z	d	L	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	Montaj Vidası Mounting Screw Befestigungsschraube
AFM44-ON0606-D063-A22-Z06-H	●	63	6	22	40	3.8	ONHX 0606..	4020-M4.5x12	80-T20	2407-M10x30
AFM44-ON0606-D080-A27-Z08-H	●	80	8	27	50	3.8				
AFM44-ON0606-D100-A32-Z10-H	●	100	10	32	50	3.8				

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

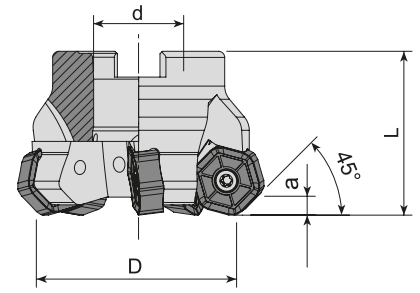
● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage  
KRLY Ucuna Uygunur. / Compatible with KRLY Insert. Kompatibel mit KRLY Wendepalten.

Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück AFM43-ON0604-D050-A22-Z05-H

Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321

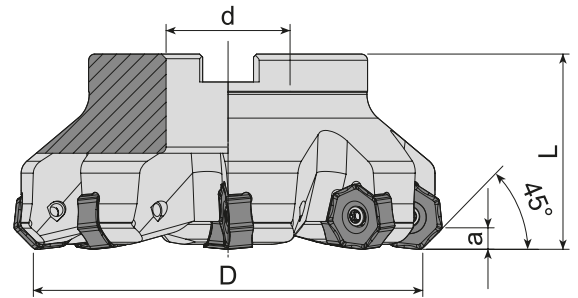
Montaj Ölçüleri : S 318 / Mounting Reference : P 318 / Montagehinweis : 318



**Takım Kodu**  
**Ordering Code**  
**Bestell-Bezeichnung**

Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)						Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile			
	D	Z	d	L	a	Sıkma Vidası Screw Schraube		Tork Anahtar Torx Key Torx-Schlüssel	Montaj Vidası Mounting Screw Befestigungsschraube		
●	50	5	22	40	4.5	HN.. 0905..					
●	63	6	22	40	4.5						2407-M10x30
●	80	7	27	50	4.5						2510-M12x35
●	125	10	40	63	4.5						-
●	160	12	40	63	4.5						-
●	160	12	40	63	4.5						-
●	200	16	60	63	4.5						-
●	200	16	60	63	4.5						-

WDA Ucuna Uygun. / Compatible with WDA Insert. Kompatibel mit WDA Wendeplatten.



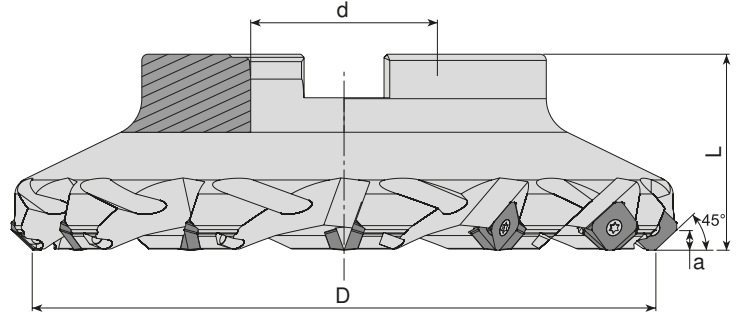
**Takım Kodu**  
**Ordering Code**  
**Bestell-Bezeichnung**

Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)						Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile					
	D	Z	d	L	a	Sıkma Vidası Screw Schraube		Tork Anahtar Torx Key Torx-Schlüssel	Montaj Vidası Mounting Screw Befestigungsschraube				
●	100	7	32	50	6	NNMU 2007..							
●	125	8	40	63	6						1020-M5x14	80-T20	2514-M16x35
●	160	10	40	63	6						-	-	-

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

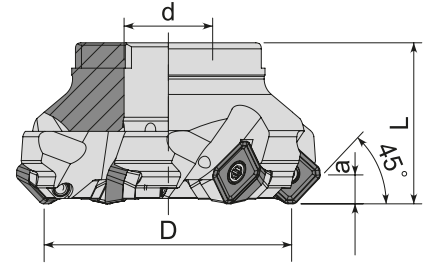
Sipariş Örneği/Ordering Example/Bestellbeispiel  
1 ad./pcs./stück AFM45-HN0905-D063-A22-Z06-H  
Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321  
Montaj Ölçüleri : S 318 / Mounting Reference : P 318 / Montagehinweis : 318





Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile			
		D	Z	d	L	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	Montaj Vidası Mounting Screw Befestigungsschraube	
AFM45-SE12-D050-A22-Z04-H	●	50	4	22	40	6	SE.. 12T3.. R245-12T3..	4015-M3.5x11	80-T15	2407-M10x30	
AFM45L-SE12-D050-A22-Z04-H	●	50	4	22	40	6					
AFM45-SE12-D063-A22-Z05-H	●	63	5	22	40	6					
AFM45L-SE12-D063-A22-Z05-H	●	63	5	22	40	6					
AFM45-SE12-D080-A27-Z06-H	●	80	6	27	50	6					
AFM45L-SE12-D080-A27-Z06-H	●	80	6	27	50	6					
AFM45-SE12-D100-A32-Z07-H	●	100	7	32	50	6					
AFM45-SE12-D125-B40-Z08	●	125	8	40	63	6					
AFM45-SE12-D160-C40-Z10	●	160	10	40	63	6					
AFM45L-SE12-D160-C40-Z10	●	160	10	40	63	6					
AFM45-SE12-D200-C60-Z12	●	200	12	60	63	6	-	-	-		

ZCC-SNDVK Ucuna Uygun. / Compatible with ZCC-SNDVK Insert. Kompatibel mit ZCC-SNDVK Wendeleisten.



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile										
		D	Z	d	L	a		Altık Screw Unterlage	Altık Vidası Wedge Clamp Schraube für Unterlage	Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	Montaj Vidası Mounting Screw Befestigungsschraube						
AFM45-SE13-D050-A22-Z04-H	●	50	4	22	40	6	SEMT 13T3..	AASE-3-0001	AAV-16-M3.5x8	4015-M3.5x12	80-T15	2407-M10x30						
AFM45-SE13-D063-A22-Z05-H	●	63	5	22	40	6												
AFM45-SE13-D080-A27-Z06-H	●	80	6	27	50	6												
AFM45S-SE13-D050-A22-Z05-H	●	50	5	22	40	6												
AFM45S-SE13-D063-A22-Z06-H	●	63	6	22	40	6												
AFM45S-SE13-D080-A27-Z08-H	●	80	8	27	50	6												
AFM45S-SE13-D100-A32-Z10-H	●	100	10	32	50	6												
AFM45S-SE13-D125-B40-Z12	●	125	12	40	63	6												
-	-	-	-	-	-	-							-	-	-	-	-	-

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

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

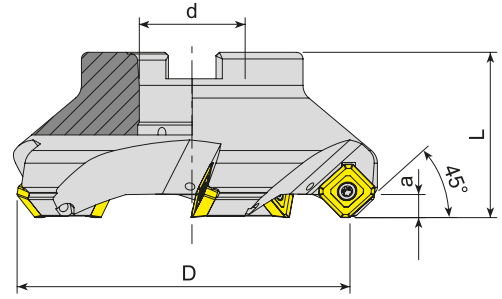
SMTM-DJT Ucuna Uygun. / Compatible with SMTM-DJT Insert. Kompatibel mit SMTM-DJT Wendeleisten.

Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück AFM45-SE12-D050-A22-Z04-H

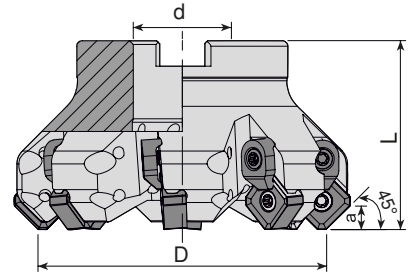
Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321

Montaj Ölçüleri : S 318 / Mounting Reference : P 318 / Montagehinweis : 318



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile			
		D	Z	d	L	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	Montaj Vidası Mounting Screw Befestigungsschraube	
AFM45-SE14M4-D063-A22-Z04-H	●	63	4	22	40	7	SE.. 14M4..	4015-M3.5x11	80-T15	2407-M10x30 2510-M12x35 2514-M16x35	
AFM45-SE14M4-D080-A27-Z05-H	●	80	5	27	50	7					
AFM45-SE14M4-D100-A32-Z05-H	●	100	5	32	50	7					
AFM45-SE14M4-D125-B40-Z06	●	125	6	40	63	7					
AFM45-SE14M4-D160-C40-Z07	●	160	7	40	63	7					

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



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile				
		D	Z	d	L	a		Sıkma Vidası Screw Schraube	Baskı Parçası Wedge Clamp Spannpratze	Baskı Vidası Clamp Screw Klemmschraube	Tork Anahtar Torx Key Torx-Schlüssel	Montaj Vidası Mounting Screw Befestigungsschraube
AFM45C-SN12..-D050-A22-Z04-H	●	50	4	22	42	6	SN.. 12..	1015-M4x11	ACK-05	4015-M4x11	80-T15	2407-M10X30 2510-M12x35 2514-M16x35
AFM45C-SN12..-D050-A22-Z05-H	●	50	5	22	42	6						
AFM45C-SN12..-D063-A22-Z06-H	●	63	6	22	42	6						
AFM45C-SN12..-D063-A22-Z07-H	●	63	7	22	42	6						
AFM45CL-SN12..-D063-A22-Z07-H	●	63	7	22	42	6						
AFM45C-SN12..-D080-A27-Z07-H	●	80	7	27	52	6						
AFM45C-SN12..-D080-A27-Z08-H	●	80	8	27	52	6						
AFM45CL-SN12..-D080-A27-Z08-H	●	80	8	27	52	6						
AFM45C-SN12..-D100-A32-Z08-H	●	100	8	32	52	6						
AFM45C-SN12..-D100-A32-Z10-H	●	100	10	32	52	6						
AFM45CL-SN12..-D100-A32-Z10-H	●	100	10	32	52	6						
AFM45C-SN12..-D125-B40-Z11	●	125	11	40	65	6						
AFM45CL-SN12..-D125-B40-Z11	●	125	11	40	65	6						
AFM45C-SN12..-D160-C40-Z12	●	160	12	40	65	6						
AFM45C-SN12..-D200-C60-Z14	●	200	14	60	65	6						
AFM45CL-SN12..-D200-C60-Z14	●	200	14	60	65	6						

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

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

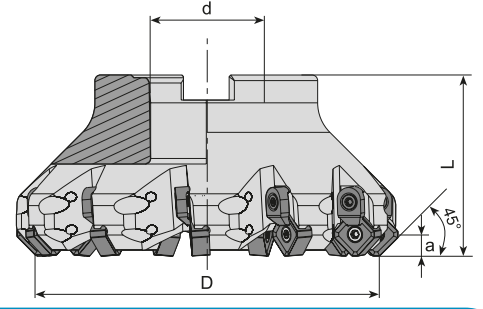
WLTR-LMN-ACHTK Ucuna Uygundur. / Compatible with WLTR-LMN-ACHTK Insert. Kompatibel mit WLTR-LMN-ACHTK Wendeplatten.

Montaj Ölçüleri : S 318 / Mounting Reference : P 318 / Montagehinweis : 318

Sipariş Örneği/Ordering Example/Bestellbeispiel

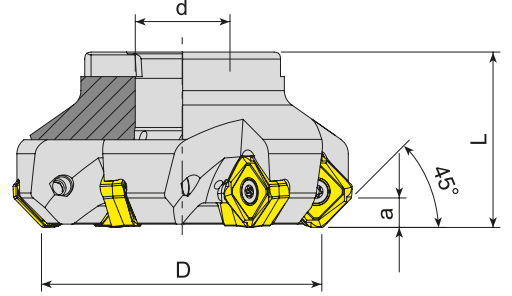
1 ad./pcs./stück AFM45-SE14M4-D063-A22-Z04-H

Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile									
		D	Z	d	L	a		Sıkma Vidası Screw Schraube	Baskı Parçası Wedge Clamp Spannpratze	Baskı Vidası Clamp Screw Klemmschraube	Tork Anahtar Torx Key Torx-Schlüssel	Montaj Vidası Mounting Screw Befestigungsschraube					
AFM45C-SN1206-D050-A22-Z04-H	●	50	4	22	42	6	SN.. 1206..	4015-M4x11	ACK-05	4015-M4x11	80-T15	2407-M10x30					
AFM45CL-SN1206-D050-A22-Z05-H	●	50	5	22	42	6											
AFM45C-SN1206-D050-A22-Z05-H	●	50	5	22	42	6											
AFM45C-SN1206-D063-A22-Z06-H	●	63	6	22	42	6											
AFM45C-SN1206-D063-A22-Z07-H	●	63	7	22	42	6											
AFM45CL-SN1206-D063-A22-Z07-H	●	63	7	22	42	6											
AFM45C-SN1206-D080-A27-Z07-H	●	80	7	27	52	6											
AFM45C-SN1206-D080-A27-Z08-H	●	80	8	27	52	6											
AFM45CL-SN1206-D080-A27-Z08-H	●	80	8	27	52	6											
AFM45C-SN1206-D100-A32-Z08-H	●	100	8	32	52	6											
AFM45C-SN1206-D100-A32-Z10-H	●	100	10	32	52	6											
AFM45CL-SN1206-D100-A32-Z10-H	●	100	10	32	52	6											
AFM45C-SN1206-D125-B40-Z11	●	125	11	40	65	6											
AFM45CL-SN1206-D125-B40-Z11	●	125	11	40	65	6											
AFM45C-SN1206-D160-C40-Z12	●	160	12	40	65	6											
AFM45C-SN1206-D200-C60-Z14	●	200	14	60	65	6											
AFM45CL-SN1206-D200-C60-Z14	●	200	14	60	65	6											
																	2510-M12x35
																	2514-M16x35
																	-

KRLY-PLBT-BHLR Ucuna Uygun. / Compatible with KRLY-PLBT-BHLR Insert. Kompatibel mit KRLY-PLBT-BHLR Wendeschneidplatten.



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
		D	Z	d	L	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	Montaj Vidası Mounting Screw Befestigungsschraube
AFM45-SA1706-D080-A27-Z06-H	●	80	6	27	50	8.4	SAKU 1706..	1020-M5x14	80-T20	2510-M12x35
AFM45-SA1706-D100-A32-Z07-H	●	100	7	32	50	8.4				
AFM45-SA1706-D125-B40-Z09	●	125	9	40	63	8.4				

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

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

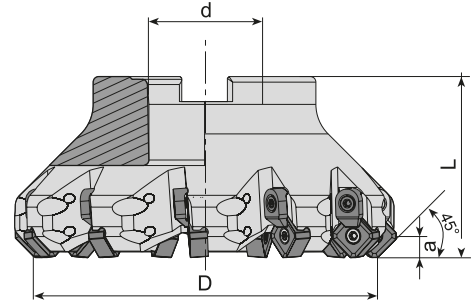
CRTZT Ucuna Uygun. / Compatible with CRTZT Insert. Kompatibel mit CRTZT Wendeschneidplatten.

Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück AFM45C-SN1206-D050-A22-Z04-H

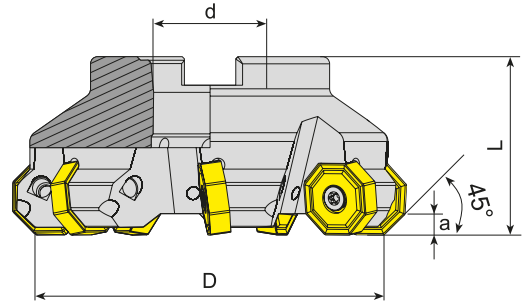
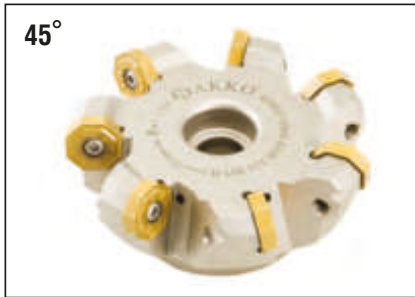
Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321

Montaj Ölçüleri : S 318 / Mounting Reference : P 318 / Montagehinweis : 318



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile					
		D	Z	d	L	a		Sıkma Vidası Screw Schraube	Baskı Parçası Wedge Clamp Spannpratze	Baskı Vidası Clamp Screw Klemmschraube	Tork Anahtar Torx Key Torx-Schlüssel	Montaj Vidası Mounting Screw Befestigungsschraube	
AFM45C-SN12Z-D050-A22-Z05-H	●	50	5	22	42	6	SNEG 1205..	4015-M4x11	ACK-05	4015-M4x11	80-T15	2407-M10x30	
AFM45C-SN12Z-D063-A22-Z06-H	●	63	6	22	42	6							2510-M12x35
AFM45C-SN12Z-D080-A27-Z07-H	●	80	7	27	52	6							2514-M16x35
AFM45C-SN12Z-D100-A32-Z09-H	●	100	9	32	52	6							-
AFM45C-SN12Z-D125-B40-Z11	●	125	11	40	65	6							-
AFM45C-SN12Z-D160-C40-Z12	●	160	12	60	65	6							-
AFM45C-SN12Z-D200-C60-Z14	●	200	14	60	65	6							-

ZCC Ucuna Uygunudur. / 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			
		D	Z	d	L	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	Montaj Vidası Mounting Screw Befestigungsschraube	
AFM45-ON0806-D063-A22-Z05-H	●	63	5	22	40	4	ON.. 0806..	1020-M5x14	80-T20	2508-M10x30	
AFM45-ON0806-D080-A27-Z06-H	●	80	6	27	50	4					2510-M12x35
AFM45-ON0806-D100-A32-Z07-H	●	100	7	32	50	4					2514-M16x35
AFM45-ON0806-D125-B40-Z08	●	125	8	40	63	4					-
AFM45-ON0806-D160-C40-Z10	●	160	10	40	63	4					-
AFM45-ON0806-D200-C60-Z12	●	200	12	60	63	4					-
AFM45-ON0806-D315-D60-Z16	●	315	16	60	63	4					-

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

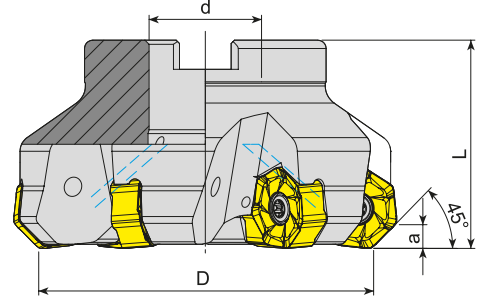
● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage  
ISO Ucuna Uygunudur. / Compatible with ISO Insert. Kompatibel mit ISO Wendeplatten.

Sipariş Örneği/Ordering Example/Bestellbeispiel  
1 ad./pcs./stück AFM45C-SN12Z-D050-A22-Z05-H  
Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321  
Montaj Ölçüleri : S 318 / Mounting Reference : P 318 / Montagehinweis : 318





45°

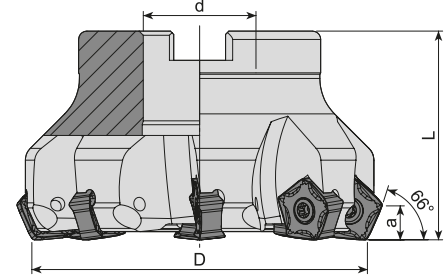


Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile				
		D	Z	d	L	a		Sıkma Vidası Screw Schraube	Baskı Parçası Wedge Clamp Spannpratze	Baskı Vidası Clamp Screw Klemmschraube	Tork Anahtar Torx Key Torx-Schlüssel	Montaj Vidası Mounting Screw Befestigungsschraube
AFM45-XN0906-D063-A22-Z06-H	●	63	6	22	50	5	XN0906..	1120-M5x13	-	-	80-T20	2407-M10x30
AFM45-XN0906-D080-A27-Z06-H	●	80	6	27	50	5						2510-M12x35
AFM45-XN0906-D100-A32-Z07-H	●	100	7	32	55	5						2514-M16x35
AFM45-XN0906-D125-B40-Z08	●	125	8	40	63	5						-

TGTC Ucuna Uygunur. / Compatible with TGTC Insert. Kompatibel mit TGTC Wendepalten.



66°



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile			
		D	Z	d	L	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	Montaj Vidası Mounting Screw Befestigungsschraube	
AFM66-PN0905-D050-A22-Z05	●	50	5	22	40	8	PNMU 0905..	4015-M4x11	80-T15	2508-M10x30	
AFM66-PN0905-D063-A22-Z06	●	63	6	22	40	8					2510-M12x35
AFM66-PN0905-D080-A27-Z08	●	80	8	27	50	8					2514-M16x35
AFM66-PN0905-D100-A32-Z10	●	100	10	32	50	8					-
AFM66-PN0905-D125-B40-Z12	●	125	12	40	63	8					-

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

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

KYCR Ucuna Uygunur. / Compatible with KYCR Insert. Kompatibel mit KYCR Wendepalten.

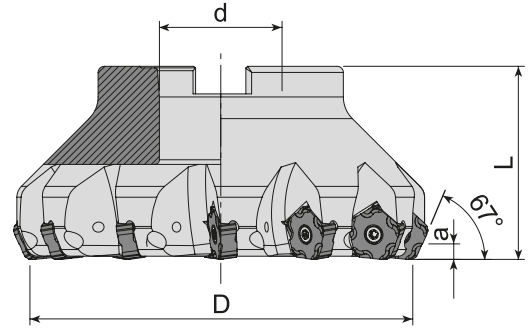
Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück AFM45-XN0906-D063-A22-Z06-H

Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321

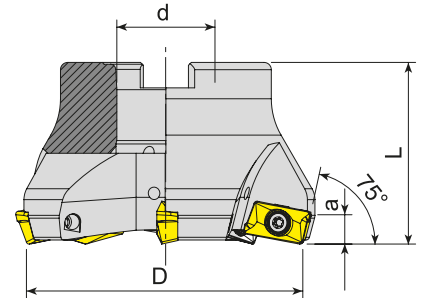
Montaj Ölçüleri : S 318 / Mounting Reference : P 318 / Montagehinweis : 318





Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendescheidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
		D	Z	d	L	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	Montaj Vidası Mounting Screw Befestigungsschraube
AFM67-PN1105-D050-A22-Z05	●	50	5	22	50	5	PNEG 1105..	4015-M4x11	80-T15	2508-M10x30
AFM67-PN1105-D063-A22-Z06	●	63	6	22	50	5				
AFM67-PN1105-D080-A27-Z08	●	80	8	27	50	5				
AFM67-PN1105-D100-B32-Z10	●	100	10	32	50	5				
AFM67-PN1105-D125-B40-Z12	●	125	12	40	63	5				
AFM67-PN1105-D160-C40-Z14	●	160	14	40	63	5				

ZCC Ucuna Uygun. / 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 Wendescheidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
		D	Z	d	L	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	Montaj Vidası Mounting Screw Befestigungsschraube
AFM75-AP16-D063-A22-Z04-H	●	63	4	22	40	6	AP.. 1604..	4015-M4x11	80-T15	2508-M10x30
AFM75-AP16-D080-A27-Z05-H	●	80	5	27	50	6				2510-M12x35
AFM75-AP16-D100-A32-Z06-H	●	100	6	32	50	6				2514-M16x35
AFM75-AP16-D125-B40-Z07	●	125	7	40	63	6				-

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

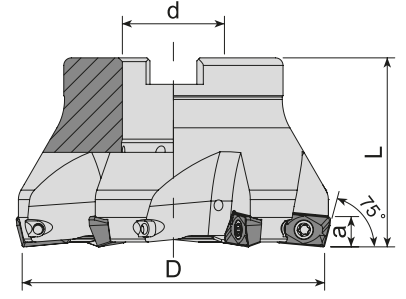
● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage  
ISO Ucuna Uygun. / Compatible with ISO Insert. Kompatibel mit ISO Wendeplatten.

Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück AFM67-PN1105-D050-A22-Z05

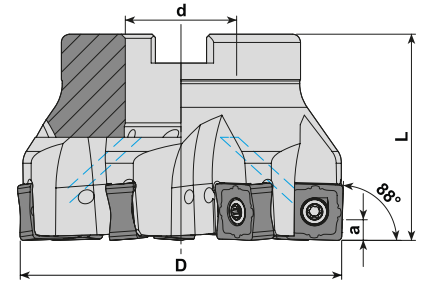
Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321

Montaj Ölçüleri : S 318 / Mounting Reference : P 318 / Montagehinweis : 318



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
		D	Z	d	L	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	Montaj Vidası Mounting Screw Befestigungsschraube
AFM75-X012-D050-A22-Z04-H	●	50	4	22	40	-	XOMX 1204..	3010-M3.5x9	80-T10	2508-M10x30
AFM75-X012-D063-A22-Z05-H	●	63	5	22	40	-				
AFM75-X012-D080-A27-Z06-H	●	80	6	27	50	-				

SC Ucuna Uygun. / Compatible with SC Insert. Kompatibel mit SC Wendeplatten.



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
		D	Z	d	L	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	Montaj Vidası Mounting Screw Befestigungsschraube
AFM88-SN1305-D050-A22-Z04	●	50	4	22	40	5	SNMU 1305..	4015-M4x11	80-T15	2508-M10x30
AFM88-SN1305-D050-A22-Z05	●	50	5	22	40	5				
AFM88-SN1305-D063-A22-Z05	●	63	5	22	40	5				
AFM88-SN1305-D063-A22-Z07	●	63	7	22	40	5				
AFM88-SN1305-D080-A27-Z06	●	80	6	27	50	5				
AFM88-SN1305-D080-A27-Z09	●	80	9	27	50	5				
AFM88-SN1305-D100-A32-Z07	●	100	7	32	50	5				
AFM88-SN1305-D100-A32-Z11	●	100	11	32	50	5				
AFM88-SN1305-D125-B40-Z13	●	125	13	40	63	5				
										2514-M16x35
										-

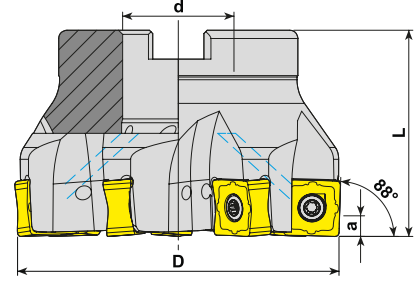
R: Sağ / Right / Rechts L: Sol/Left/Links  
● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage  
KYCR Ucuna Uygun. / Compatible with KYCR Insert. Kompatibel mit KYCR Wendeplatten.

Sipariş Örneği/Ordering Example/Bestellbeispiel  
1 ad./pcs./stück AFM75-X012-D050-A22-Z04-H

Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321  
Montaj Ölçüleri : S 318 / Mounting Reference : P 318 / Montagehinweis : 318



88°

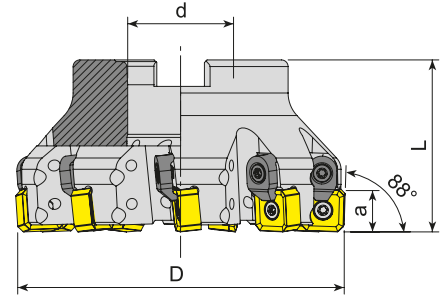


**Takım Kodu**  
**Ordering Code**  
**Bestell-Bezeichnung**

Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile			
	D	Z	d	L	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	Montaj Vidası Mounting Screw Befestigungsschraube	
AFM88-SN1306-D050-A22-Z05-H	●	50	5	22	40	5	SNGX 1306..	1115-M4x10	80-T15	2508-M10x30
AFM88-SN1306-D063-A22-Z06-H	●	63	6	22	40	5				
AFM88-SN1306-D080-A27-Z07-H	●	80	7	27	50	5				

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

88°



**Takım Kodu**  
**Ordering Code**  
**Bestell-Bezeichnung**

Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile					
	D	Z	d	L	a		Sıkma Vidası Screw Schraube	Baskı Parçası Wedge Clamp Spannpratze	Baskı Vidası Clamp Screw Klemmschraube	Tork Anahtar Torx Key Torx-Schlüssel	Montaj Vidası Mounting Screw Befestigungsschraube	
AFM88C-SN1206-D063-A22-Z06-H	●	63	6	22	40	11.5	SN.. 1206..	4615-M4x11	ACK-05	4015-M4x11	80-T15	2508-M10x30
AFM88C-SN1206-D080-A27-Z07-H	●	80	7	27	50	11.5						
AFM88C-SN1206-D100-A32-Z09-H	●	100	9	32	52	11.5						

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

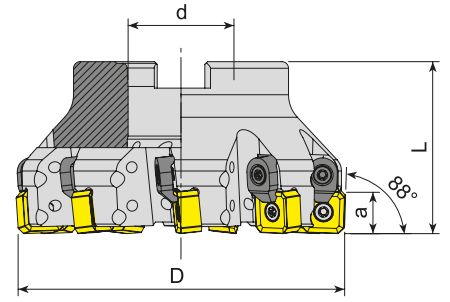
● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage  
ISO Ucuna Uygun. / Compatible with ISO Insert. Kompatibel mit ISO Wendeplatten.

Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück AFM88-SN1306-D050-A22-Z05-H

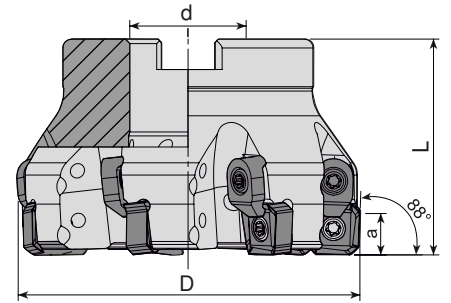
Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321

Montaj Ölçüleri : S 318 / Mounting Reference : P 318 / Montagehinweis : 318



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile				
		D	Z	d	L	a		Sıkma Vidası Screw Schraube	Baskı Parçası Wedge Clamp Spannpratze	Baskı Vidası Clamp Screw Klemmschraube	Tork Anahtar Torx Key Torx-Schlüssel	Montaj Vidası Mounting Screw Befestigungsschraube
AFM88C-SN12..-D063-A22-Z06-H	●	63	6	22	40	11.5	SN.. 12..	1015-M4x11	ACK-05	4015-M4x11	80-T15	2508-M10x30
AFM88C-SN12..-D080-A27-Z07-H	●	80	7	27	50	11.5						2510-M12x35
AFM88C-SN12..-D100-A32-Z09-H	●	100	9	32	52	11.5						2514-M16x35

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



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile				
		D	Z	d	L	a		Sıkma Vidası Screw Schraube	Baskı Parçası Wedge Clamp Spannpratze	Baskı Vidası Clamp Screw Klemmschraube	Tork Anahtar Torx Key Torx-Schlüssel	Montaj Vidası Mounting Screw Befestigungsschraube
AFM88C-SN12Z-D063-A22-Z06-H	●	63	6	22	40	11.5	SNEG 1205..	4015-M4x11	ACK-05	4015-M4x11	80-T15	2508-M10x30
AFM88C-SN12Z-D080-A27-Z07-H	●	80	7	27	50	11.5						2510-M12x35

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

● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage  
ZCC Ucuna Uygun. / Compatible with ZCC Insert. Kompatibel mit ZCC Wendeplatten.

Sipariş Örneği/Ordering Example/Bestellbeispiel

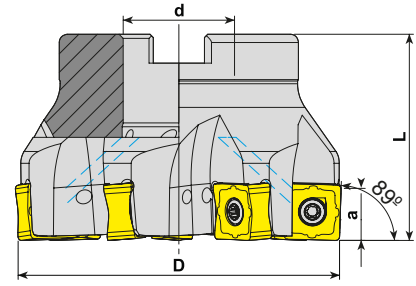
1 ad./pcs./stück AFM88C-SN12..-D063-A22-Z06-H

Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321

Montaj Ölçüleri : S 318 / Mounting Reference : P 318 / Montagehinweis : 318



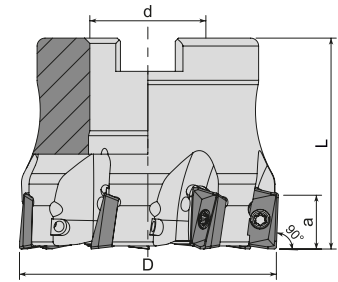
89°



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile				
		D	Z	d	L	a		Sıkma Vidası Screw Schraube	Baskı Parçası Wedge Clamp Spannpratze	Baskı Vidası Clamp Screw Klemmschraube	Tork Anahtar Torx Key Torx-Schlüssel	Montaj Vidası Mounting Screw Befestigungsschraube
AFM89-SN1305I-D040-A16-Z04-H	●	40	4	16	40	10	SNMU 1305.. OXMT 0507..	1015 M4x11	-	-	80-T15	2306-M8x37
AFM89-SN1305I-D050-A22-Z05-H	●	50	5	22	40	10						2508-M10x30
AFM89-SN1305I-D063-A22-Z06-H	●	63	6	22	40	10						2510-M12x35
AFM89-SN1305I-D063-A22-Z07-H	●	63	7	22	40	10						2514-M16x35
AFM89-SN1305I-D080-A27-Z08-H	●	80	8	27	50	10						
AFM89-SN1305I-D100-A32-Z10-H	●	100	10	32	50	10						

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

90°

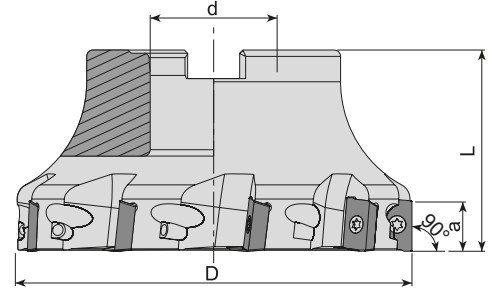


Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
		D	Z	d	L	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	Montaj Vidası Mounting Screw Befestigungsschraube
AFM90-AD10T3-D040-A16-Z06-H	●	40	6	16	40	10	ADMT 10T3..	3008-M2.5x6	80-T08	2506-M8x30
AFM90-AD10T3-D050-A22-Z07-H	●	50	7	22	40	10				2508-M10x30

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

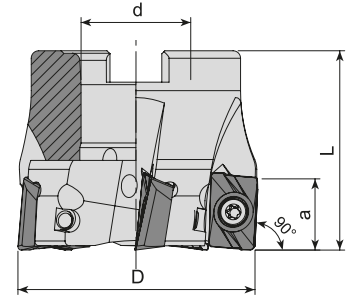
Sipariş Örneği/Ordering Example/Bestellbeispiel  
1 ad./pcs./stück AFM89-SN1305I-D040-A16-Z04-H  
Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321  
Montaj Ölçüleri : S 318 / Mounting Reference : P 318 / Montagehinweis : 318





Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
		D	Z	d	L	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	Montaj Vidası Mounting Screw Befestigungsschraube
AFM90-AD1505-D040-A16-Z04-H	●	40	4	16	40	15	AD.. 1505..	4015-M4x11	80-T15	2506-M8x30
AFM90-AD1505-D050-A22-Z05-H	●	50	5	22	40	15				2508-M10x30
AFM90-AD1505-D063-A22-Z06-H	●	63	6	22	40	15				2510-M12x35
AFM90-AD1505-D080-A27-Z07-H	●	80	7	27	50	15				2514-M16x35
AFM90-AD1505-D100-A32-Z08-H	●	100	8	32	50	15				-
AFM90-AD1505-D125-B40-Z09	●	125	9	40	63	15				-

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



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
		D	Z	d	L	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	Montaj Vidası Mounting Screw Befestigungsschraube
AFM90-AD1505D-D050-A22-Z05-H	●	50	5	22	40	14.3	ADKT 150508	4015-M4x11	80-T15	2508-M10x30
AFM90-AD1505D-D063-A27-Z06-H	●	63	6	27	50	14.3				2510-M12x35
AFM90-AD1505D-D080-A27-Z08-H	●	80	8	27	50	14.3				2514-M16x35
AFM90-AD1505D-D100-A32-Z08-H	●	100	8	32	50	14.3				-
AFM90-AD1505D-D125-B40-Z09	●	125	9	40	63	14.3				-

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

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

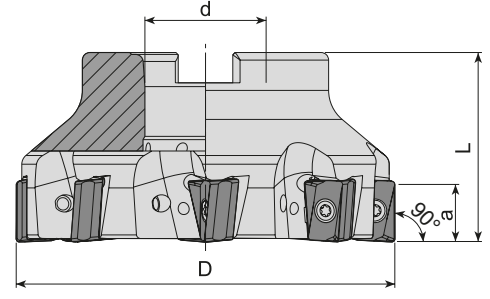
DJT Ucuna Uygundur. / Compatible with DJT Insert. Kompatibel mit DJT Wendepalten.

Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück AFM90-AD1505-D040-A16-Z04-H

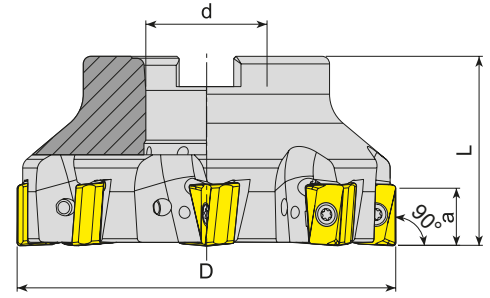
Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321

Montaj Ölçüleri : S 318 / Mounting Reference : P 318 / Montagehinweis : 318



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
		D	Z	d	L	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	Montaj Vidası Mounting Screw Befestigungsschraube
AFM90-AN11-D040-A16-Z04-H	●	40	4	16	40	11	ANGX 1105..	4010-M3x8	80-T10	2506-M8x30
AFM90-AN1506-D050-A22-Z04-H	●	50	4	22	40	14.5	ANGX 1506..	4015-M4x12	80-T15	2508-M10x30
AFM90-AN1506-D063-A22-Z05-H	●	63	5	22	40	14.5				2510-M12x35
AFM90-AN1506-D080-A27-Z06-H	●	80	6	27	50	14.5				2514-M16x35
AFM90-AN1506-D100-A32-Z08-H	●	100	8	32	50	14.5				-
AFM90-AN1506-D125-B40-Z09	●	125	9	40	63	14.5				-
AFM90-AN1506-D160-C40-Z10	●	160	10	40	63	14.5	-	-	-	

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



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
		D	Z	d	L	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	Montaj Vidası Mounting Screw Befestigungsschraube
AFM90-AN1607-D050-A22-Z04-H	●	50	4	22	40	15	AN.X 1607..	4015-M4x11	80-T15	2508-M10x30
AFM90-AN1607-D063-A22-Z06-H	●	63	6	22	40	15				2510-M12x35
AFM90-AN1607-D080-A27-Z07-H	●	80	7	27	50	15				2514-M16x35
AFM90-AN1607-D100-A32-Z08-H	●	100	8	32	50	15				-
AFM90-AN1607-D125-B40-Z10	●	125	9	40	63	15				-

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

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

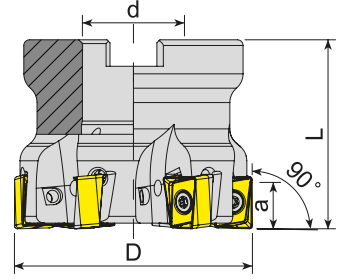
TGTC Ucuna Uygundur. / Compatible with TGTC Insert. Kompatibel mit TGTC Wendeplatten.

Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück AFM90-AN11-D040-A16-Z04-H

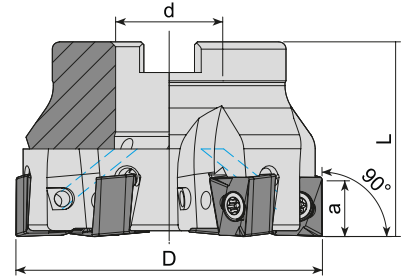
Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321

Montaj Ölçüleri : S 318 / Mounting Reference : P 318 / Montagehinweis : 318



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
		D	Z	d	L	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	Montaj Vidası Mounting Screw Befestigungsschraube
AFM90-AN12-D040-A16-Z04-H	●	40	4	16	40	12	ANKX 1205..		80-T15	2406-M8x30
AFM90-AN12-D050-A22-Z05-H	●	50	5	22	40	12				2508-M10x30
AFM90-AN12-D063-A27-Z06-H	●	63	6	27	50	12				2510-M12x35

ISCR Ucuna Uygun. / 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		
		D	Z	d	L	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	Montaj Vidası Mounting Screw Befestigungsschraube
AFM90-AN1207-D040-A16-Z04-H	●	40	4	16	40	10	ANKX 1207..		80-T15	2506-M8x30
AFM90-AN1207-D050-A22-Z05-H	●	50	5	22	40	10				2508-M10x30
AFM90-AN1207-D063-A22-Z06-H	●	63	6	22	40	10				2510-M12x35
AFM90-AN1607X-D050-A22-Z04-H	●	50	4	22	40	15	ANKX 1607..		80-T15	2506-M8x30
AFM90-AN1607X-D063-A22-Z06-H	●	63	6	22	40	15				2508-M10x30
AFM90-AN1607X-D080-A27-Z07-H	●	80	7	27	50	15				2510-M12x35

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

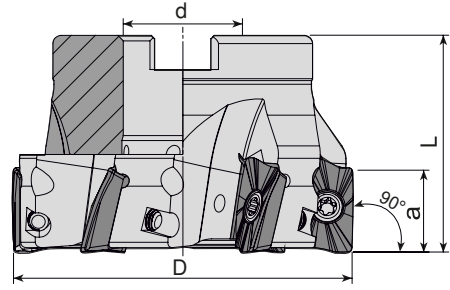
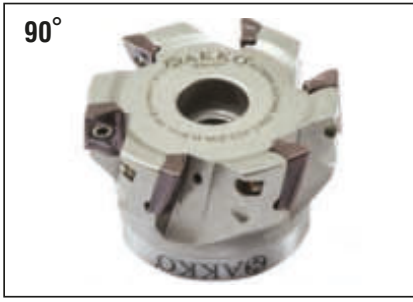
● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage  
XTC-GSC Ucuna Uygun. / Compatible with XTC-GSC Insert. Kompatibel mit XTC-GSC Wendeplatten.

Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück AFM90-AN12-D040-A16-Z04-H

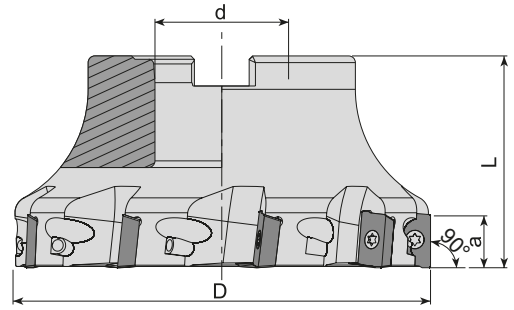
Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321

Montaj Ölçüleri : S 318 / Mounting Reference : P 318 / Montagehinweis : 318



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile						
		D	Z	d	L	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	Montaj Vidası Mounting Screw Befestigungsschraube				
AFM90-A01236-D050-A22-Z05-H	●	50	5	22	40	12								
AFM90-A01848-D050-A22-Z05-H	●	50	5	22	40	15					AO.. 1236..	3008-M2.5x6	80-T08	2508-M10x30
AFM90-A01848-D063-A22-Z06-H	●	63	6	22	40	15					AO.. 1848..	4015-M4x11	80-T15	

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



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile						
		D	Z	d	L	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	Montaj Vidası Mounting Screw Befestigungsschraube				
AFM90-AP1705-D050-A22-Z05-H	●	50	5	22	40	16								
AFM90-AP1705-D063-A22-Z06-H	●	63	6	22	40	16					AP.. 1705..	4015-M4x11	80-T15	2508-M10x30
AFM90-AP1705-D080-A27-Z07-H	●	80	7	27	50	16								2510-M12x35
AFM90-AP1705-D100-A32-Z08-H	●	100	8	32	50	16								2514-M16x35

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

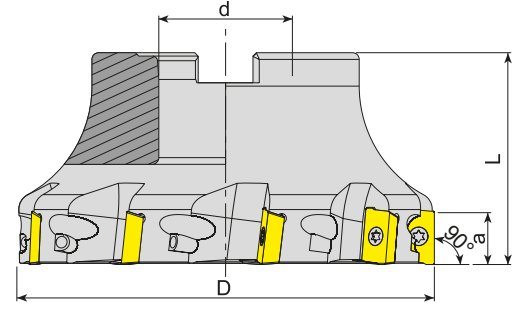
● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage  
TGTC Ucuna Uygunur. / Compatiple with TGTC Insert. Kompatibel mit TGTC Wendeplatten.

Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück AFM90-A01236-D050-A22-Z05-H

Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321

Montaj Ölçüleri : S 318 / Mounting Reference : P 318 / Montagehinweis : 318



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
		D	Z	d	L	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	Montaj Vidası Mounting Screw Befestigungsschraube
AFM90-AP10-D040-A16-Z05-H	●	40	5	16	40	10	AP.. 1003.. ISO UCUNA UYGUNDUR. FOR ISO INSERT. FÜR ISO-WENDEPLATTE	3008-M2.5x6	80-T08	2506-M8x30
AFM90-AP10-D050-A22-Z06-H	●	50	6	22	40	10				2508-M10x30
AFM90-AP10-D063-A22-Z07-H	●	63	7	22	40	10				2510-M12x35
AFM90-AP10-D080-A27-Z08-H	●	80	8	27	50	10				2514-M16x35
AFM90-AP10-D100-A32-Z09-H	●	100	9	32	50	10				2506-M8x30
AFM90-AP16-D040-A16-Z04-H	●	40	4	16	40	16				2508-M10x30
AFM90-AP16-D050-A22-Z05-H	●	50	5	22	40	16				2510-M12x35
AFM90-AP16-D052-A22-Z05-H	●	52	5	22	40	16				2514-M16x35
AFM90-AP16-D063-A22-Z06-H	●	63	6	22	40	16				-
AFM90-AP16-D080-A27-Z07-H	●	80	7	27	50	16				-
AFM90-AP16-D100-A32-Z08-H	●	100	8	32	50	16	AP.. 1604.. DJT UCUNA UYGUNDUR. FOR DJT INSERT. FÜR DJT-WENDEPLATTE	4015-M4x11	80-T15	2508-M10x30
AFM90-AP16-D125-B40-Z09	●	125	9	40	63	16	2510-M12x35			
AFM90-AP16-D160-C40-Z10	●	160	10	40	63	16	2514-M16x35			
AFM90-AP16-D200-C60-Z12	●	200	12	60	63	16	AP.. 1604.. LMN UCUNA UYGUNDUR. FOR LMN INSERT. FÜR LMN-WENDEPLATTE	4015-M4x11	80-T15	2508-M10x30
AFM90-AP16DJ-D050-A22-Z05-H	●	50	5	22	40	16	2510-M12x35			
AFM90-AP16DJ-D063-A22-Z06-H	●	63	6	22	40	16	2514-M16x35			
AFM90-AP16DJ-D080-A27-Z07-H	●	80	7	27	50	16	AP.. 1604.. PLBT UCUNA UYGUNDUR. FOR PLBT INSERT. FÜR PLBT-WENDEPLATTE	4015-M4x11	80-T15	2508-M10x30
AFM90-AP16L-D050-A22-Z05-H	●	50	5	22	40	16	2510-M12x35			
AFM90-AP16L-D063-A22-Z06-H	●	63	6	22	40	16	2514-M16x35			
AFM90-AP16L-D080-A27-Z07-H	●	80	7	27	50	16	AP.. 1604.. ACHTK UCUNA UYGUNDUR. FOR ACHTK INSERT. FÜR ACHTK-WENDEPLATTE	4015-M4x11	80-T15	2506-M8x30
AFM90-AP16P-D040-A16-Z04-H	●	40	4	16	40	16	2508-M10x30			
AFM90-AP16P-D050-A22-Z05-H	●	50	5	22	40	16	2510-M12x35			
AFM90-AP16P-D063-A22-Z06-H	●	63	6	22	40	16	2514-M16x35			
AFM90-AP16P-D080-A27-Z07-H	●	80	7	27	50	16	AP.. 1604.. ACHTK UCUNA UYGUNDUR. FOR ACHTK INSERT. FÜR ACHTK-WENDEPLATTE	4015-M4x11	80-T15	2506-M8x30
AFM90-AP16P-D100-A32-Z08-H	●	100	8	32	50	16	2508-M10x30			
AFM90-AP16P-D100-A32-Z08-H	●	100	8	32	50	16	2510-M12x35			
AFM90-AP16A-D050-A22-Z05-H	●	50	5	22	40	15	2514-M16x35			
AFM90-AP16A-D063-A22-Z06-H	●	63	6	22	40	15	2508-M10x30			
AFM90-AP16A-D080-A27-Z07-H	●	80	7	27	50	15	2510-M12x35			
AFM90-AP16A-D100-A32-Z08-H	●	100	8	32	50	15	2514-M16x35			
AFM90-AP16A-D125-B40-Z09	●	125	9	40	63	15	-			

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

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

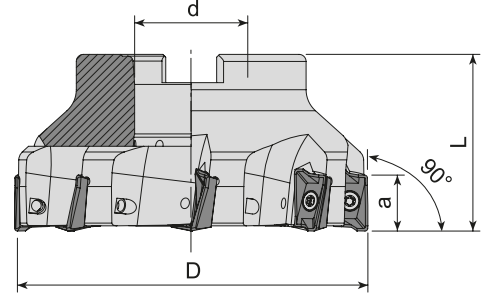
Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück AFM90-AP10-D040-A16-Z05-H

Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321

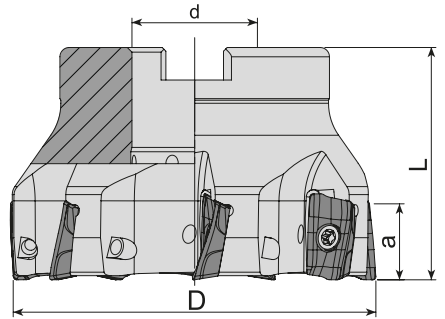
Montaj Ölçüleri : S 318 / Mounting Reference : P 318 / Montagehinweis : 318





Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
		D	Z	d	L	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	Montaj Vidası Mounting Screw Befestigungsschraube
AFM90-AX1235-D040-A16-Z06-H	●	40	6	16	40	10	AX.T 1235..	3108-M3x6	80-T08	2506-M8x30
AFM90-AX1235-D050-A22-Z07-H	●	50	7	22	40	10				2508-M10x30
AFM90-AX1235-D063-A22-Z08-H	●	63	8	22	40	10				2510-M12x35
AFM90-AX1235-D080-A27-Z10-H	●	80	10	27	50	10				2506-M8x30
AFM90-AX1705-D040-A16-Z04-H	●	40	4	16	40	14	AX.T 1705..	4015-M4x11	80-T15	2508-M10x30
AFM90-AX1705-D050-A22-Z05-H	●	50	5	22	40	14				2510-M12x35
AFM90-AX1705-D063-A22-Z06-H	●	63	6	22	40	14				2514-M16x35
AFM90-AX1705-D080-A27-Z07-H	●	80	7	27	50	14				
AFM90-AX1705-D100-A32-Z08-H	●	100	8	32	50	14				

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



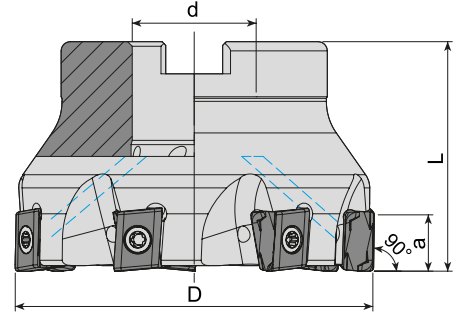
Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
		D	Z	d	L	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	Montaj Vidası Mounting Screw Befestigungsschraube
AFM90-BD1704-D050-A22-Z05-H	●	50	5	22	40	15.7	BDMT 1704..	4015-M4x11	80-T15	2508-M10x30
AFM90-BD1704-D063-A22-Z06-H	●	63	6	22	40	15.7				2510-M12x35
AFM90-BD1704-D080-A27-Z07-H	●	80	7	27	50	15.7				

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

Sipariş Örneği/Ordering Example/Bestellbeispiel  
1 ad./pcs./stück AFM90-AX1235-D040-A16-Z06-H  
Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321  
Montaj Ölçüleri : S 318 / Mounting Reference : P 318 / Montagehinweis : 318



90°

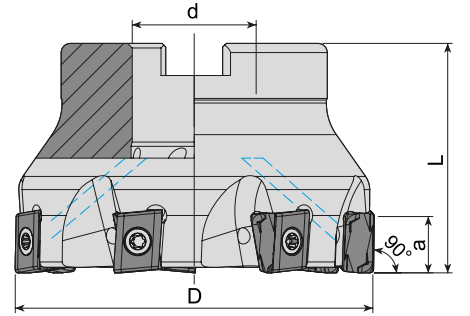


Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile			
		D	Z	d	L	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	Montaj Vidası Mounting Screw Befestigungsschraube	
AFM90-LN1506X-D063-A22-Z06	●	63	6	22	40	7	LNMT 1506..	3015-M4x11	80-T15	2508-M10x30	
AFM90-LN1506X-D080-A27-Z07	●	80	7	27	50	7					
AFM90-LN1506X-D100-A32-Z08	●	100	8	32	50	7					2510-M12x35

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



90°



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile			
		D	Z	d	L	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	Montaj Vidası Mounting Screw Befestigungsschraube	
AFM90-LN1306W-D050-A22-Z05-H	●	50	5	22	40	12	LNHU 1306..	4115-M4x12	80-T15	2508-M10x30	
AFM90-LN1306W-D063-A22-Z06-H	●	63	6	22	40	12					
AFM90-LN1306W-D080-A27-Z07-H	●	80	7	27	50	12					2510-M12x35

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 Uygunur. / Compatible with WLTR Insert. Kompatibel mit WLTR Wendeplatten.

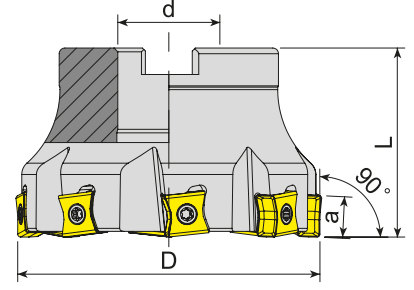
Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück AFM90-LN1506X-D063-A22-Z06

Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321

Montaj Ölçüleri : S 318 / Mounting Reference : P 318 / Montagehinweis : 318

90°



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
		D	Z	d	L	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	Montaj Vidası Mounting Screw Befestigungsschraube
AFM90-LN1106-D050-A22-Z05	●	50	5	22	40	10	LNMT 1106..	4015-M3.5x11	80-T15	2508-M10x30
AFM90-LN1106-D063-A22-Z06	●	63	6	22	40	10				2510-M12x35
AFM90-LN1106-D080-A27-Z08	●	80	8	27	50	10				2514-M16x35
AFM90L-LN1106-D080-A27-Z08	●	80	8	27	50	10				-
AFM90-LN1106-D100-A32-Z09	●	100	9	32	50	10				2506-M8x30
AFM90L-LN1106-D100-A32-Z09	●	100	9	32	50	10				2508-M10x30
AFM90-LN1106-D125-B40-Z10	●	125	10	40	63	10				2510-M12x35
AFM90-LN1306-D040-A16-Z04-H	●	40	4	16	40	12.5	T490 LNMT 1306..	4015-M4x11	80-T15	2514-M16x35
AFM90-LN1306-D050-A22-Z05-H	●	50	5	22	40	12.5				2506-M8x30
AFM90-LN1306-D063-A22-Z06-H	●	63	6	22	40	12.5				2508-M10x30
AFM90-LN1306-D080-A27-Z07-H	●	80	7	27	50	12.5				2510-M12x35
AFM90-LN1306-D100-A32-Z08-H	●	100	8	32	50	12.5				2514-M16x35
AFM90L-LN1506-D040-A16-Z04	○	40	4	16	40	14	LNMT 1506..	4015-M4x11	80-T20	2506-M8x30
AFM90-LN1506-D040-A16-Z04	○	40	4	16	40	14				2508-M10x30
AFM90-LN1506-D050-A22-Z05	○	50	5	22	40	14				2510-M12x35
AFM90-LN1506-D063-A22-Z06	○	63	6	22	40	14				2514-M16x35
AFM90-LN1506-D080-A27-Z07	○	80	7	27	50	14				-
AFM90-LN1607-D050-A22-Z03-H	●	50	3	22	40	16	LNHT 1607..	4420-M5x14	80-T20	2506-M8x30
AFM90-LN1607-D063-A22-Z04-H	○	63	4	22	40	16				2508-M10x30
AFM90-LN1607-D080-A27-Z05-H	●	80	5	27	50	16				2510-M12x35
AFM90-LN1607-D100-A32-Z06-H	●	100	6	32	50	16				2514-M16x35

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

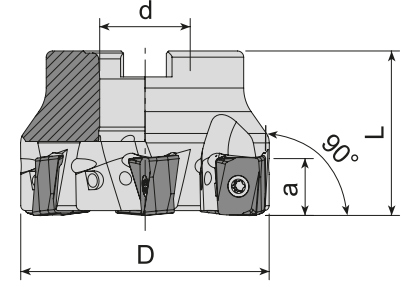
● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage  
ISCR Ucuna Uygunudur. / Compatible with ISCR Insert. Kompatibel mit ISCR Wendepplatten.

Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück AFM90-LN1106-D050-A22-Z05

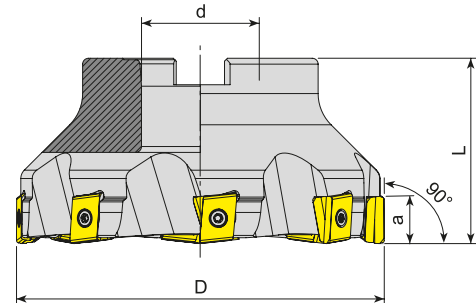
Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321

Montaj Ölçüleri : S 318 / Mounting Reference : P 318 / Montagehinweis : 318



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
		D	Z	d	L	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	Montaj Vidası Mounting Screw Befestigungsschraube
AFM90-LN1307-D050-A22-Z04-H	●	50	4	22	40	13	LNKX 1307..	1315-M4x11	80-T15	2508-M10x30
AFM90-LN1307-D063-A22-Z06-H	●	63	6	22	40	13				2510-M12x35
AFM90-LN1307-D080-A27-Z07-H	●	80	7	27	50	13				2514-M16x35
AFM90-LN1307-D100-A32-Z08-H	●	100	8	32	50	13				-

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



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
		D	Z	d	L	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	Montaj Vidası Mounting Screw Befestigungsschraube
AFM90-LN15Z-D050-A22-Z04	●	50	4	22	40	15	LNKT 1506..	4015-M4x11	80-T15	2508-M10x30
AFM90-LN15Z-D063-A22-Z05	●	63	5	22	40	15				2510-M12x35
AFM90-LN15Z-D080-A27-Z06	●	80	6	27	50	15				2514-M16x35
AFM90-LN15Z-D100-A32-Z07	●	100	7	32	50	15				-
AFM90-LN15Z-D125-B40-Z08	●	125	8	40	63	15				-

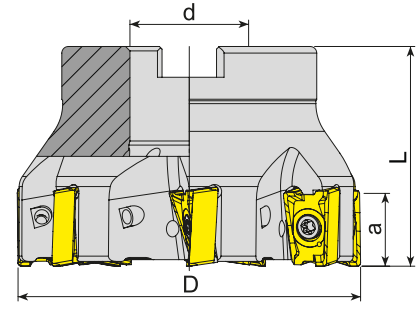
R: Sağ / Right / Rechts L: Sol/Left/Links  
● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage  
ZCC Ucuna Uygun. / Compatible with ZCC Insert. Kompatibel mit ZCC Wendeplatten.

Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück AFM90-LN1506X-D063-A22-Z06

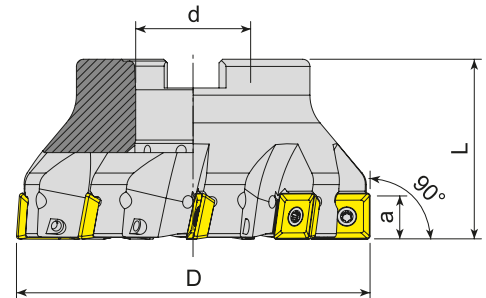
Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321

Montaj Ölçüleri : S 318 / Mounting Reference : P 318 / Montagehinweis : 318



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
		D	Z	d	L	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	Montaj Vidası Mounting Screw Befestigungsschraube
AFM90-LN15T6-D050-A22-Z05-H	●	50	5	22	40	15.5	LNGU 15T6..	4015-M4x12	80-T15	2508-M10x30
AFM90-LN15T6-D063-A22-Z06-H	●	63	6	22	40	15.5				2510-M12x35
AFM90-LN15T6-D080-A27-Z07-H	●	80	7	27	50	15.5				

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



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
		D	Z	d	L	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	Montaj Vidası Mounting Screw Befestigungsschraube
AFM90-R290.12-D050-A22-Z04-H	●	50	4	22	40	10.7	R290-12T3..	4015-M3.5x11	80-T15	2508-M10x30
AFM90-R290.12-D063-A22-Z05-H	●	63	5	22	40	10.7				2510-M12x35
AFM90-R290.12-D080-A27-Z07-H	●	80	7	27	50	10.7				2514-M16x35
AFM90-R290.12-D100-A32-Z09-H	●	100	9	32	50	10.7				-
AFM90-R290.12-D125-B40-Z11	●	125	11	40	63	10.7				

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 Uygunur. / Compatible with SNDVK Insert. Kompatibel mit SNDVK Wendeplatten.

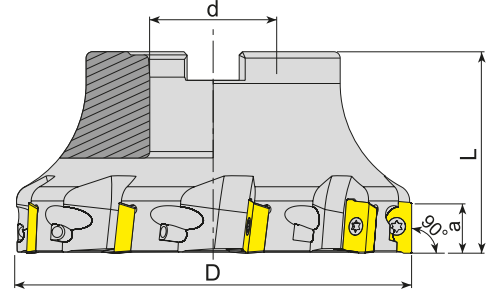
Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück AFM90-LN15T6-D050-A22-Z05-H

Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321

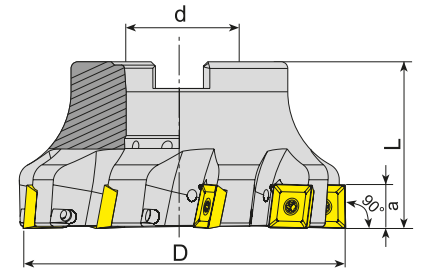
Montaj Ölçüleri : S 318 / Mounting Reference : P 318 / Montagehinweis : 318





Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile			
		D	Z	d	L	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	Montaj Vidası Mounting Screw Befestigungsschraube	
AFM90-R390.11-D040-A16-Z05-H	●	40	5	16	40	10	R390-11T3..	3008-M2.5x6	80-T08	2506-M8x30	
AFM90-R390.11-D050-A22-Z06-H	●	50	6	22	40	10				2508-M10x30	
AFM90-R390.11-D063-A22-Z07-H	●	63	7	22	40	10				2510-M12x35	
AFM90-R390.11-D080-A27-Z09-H	●	80	9	27	50	10	R390-1704..	4015-M3.5x11	80-T15	2506-M8x30	
AFM90-R390.17-D040-A16-Z04-H	●	40	4	16	40	15.4				2508-M10x30	
AFM90-R390.17-D050-A22-Z05-H	●	50	5	22	40	15.4				2510-M12x35	
AFM90-R390.17-D063-A22-Z06-H	●	63	6	22	40	15.4	R390-1806..	4015-M4x11	80-T15	2514-M16x35	
AFM90-R390.17-D080-A27-Z07-H	●	80	7	27	50	15.4				-	
AFM90-R390.17-D100-A32-Z08-H	●	100	8	32	50	15.4				2508-M10x30	
AFM90-R390.17-D125-B40-Z09	●	125	9	40	63	15.4	R390-1806..	4015-M4x11	80-T15	2510-M12x35	
AFM90-R390.18-D050-A22-Z04-H	●	50	4	22	40	15.4				2514-M16x35	
AFM90-R390.18-D063-A22-Z05-H	●	63	5	22	40	15.4				-	
AFM90-R390.18-D080-A27-Z06-H	●	80	6	27	50	15.4	R390-1806..	4015-M4x11	80-T15	2508-M10x30	
AFM90-R390.18-D100-A32-Z07-H	●	100	7	32	50	15.4				2510-M12x35	
AFM90-R390.18-D125-B40-Z08	●	125	8	40	63	15.4				2514-M16x35	

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



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile			
		D	Z	d	L	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	Montaj Vidası Mounting Screw Befestigungsschraube	
AFM90-490R14-D050-A22-Z04-H	●	50	4	22	40	10	490R-1404..	4015-M3.5x11	80-T15	2508-M10x30	
AFM90-490R14-D063-A22-Z05-H	●	63	5	22	40	10				2510-M12x35	
AFM90-490R14-D080-A27-Z07-H	●	80	7	27	50	10				-	

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

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

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



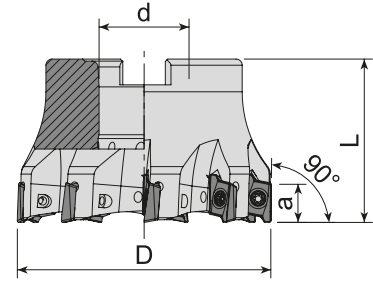
www.akko.com.tr

Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück AFM90-R390.11-D040-A16-Z05-H

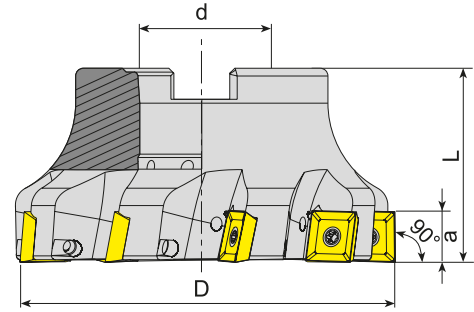
Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321

Montaj Ölçüleri : S 318 / Mounting Reference : P 318 / Montagehinweis : 318



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
		D	Z	d	L	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	Montaj Vidası Mounting Screw Befestigungsschraube
AFM90-RT10-D040-A16-Z06-H	●	40	6	16	40	10	RT 1003..	3008-M2.5x6	80-T08	2506-M8x30
AFM90-RT10-D050-A22-Z07-H	●	50	7	22	40	10				2407-M10x30
AFM90-RT10-D063-A22-Z09-H	●	63	9	22	40	10				

SFTY Ucuna Uygundur. / Compatible with SFTY Insert. Kompatibel mit SFTY 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		
		D	Z	d	L	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	Montaj Vidası Mounting Screw Befestigungsschraube
AFM90-SD09M4-D040-A16-Z04-H	●	40	4	16	40	9	SD.. 09M4..	4015-M3.5x11	80-T15	2406-M8x30
AFM90-SD09M4-D050-A22-Z05-H	●	50	5	22	40	9				2508-M10x30
AFM90-SD09M4-D063-A22-Z06-H	●	63	6	22	40	9				2510-M12x35
AFM90-SD09M4-D080-A27-Z07-H	●	80	7	27	50	9				2408-M10x30
AFM90-SD1305-D050-A22-Z04-H	●	50	4	22	40	13	SD.. 1305..	1020-M5x11	80-T20	2508-M10x30
AFM90-SD1305-D063-A22-Z05-H	●	63	5	22	40	13				2510-M12x35
AFM90-SD1305-D080-A27-Z06-H	●	80	6	27	50	13				2514-M16x35
AFM90-SD1305-D100-A32-Z07-H	●	100	7	32	50	13				-
AFM90-SD1305-D125-B40-Z08	●	125	8	40	63	13				-
AFM90-SD1305-D160-C40-Z10	●	160	10	40	63	13	-	-		

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

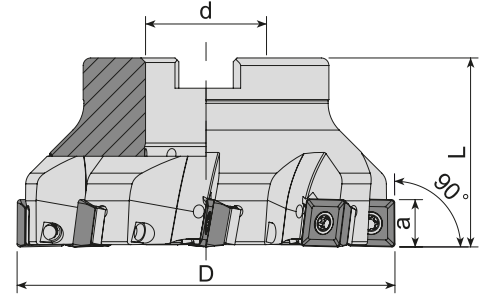
● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage  
KRLY Ucuna Uygundur. / Compatible with KRLY Insert. Kompatibel mit KRLY Wendeplatten.

Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück AFM90-RT10-D040-A16-Z06-H

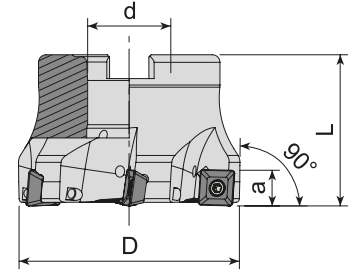
Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321

Montaj Ölçüleri : S 318 / Mounting Reference : P 318 / Montagehinweis : 318



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile				
		D	Z	d	L	a		Altlık Screw Unterlage	Baskı Parçası Wedge Clamp Spannpratze	Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	Montaj Vidası Mounting Screw Befestigungsschraube
AFM90S-SD1204-D050-A22-Z04-H	●	50	4	22	40	11	SDMT 1204..	AASD-3-0001	AAV-08-M3.5x8	4015-M3.5x12	80-T15	2408-M10x30
AFM90S-SD1204-D063-A22-Z05-H	●	63	5	22	40	11						2508-M10x30
AFM90S-SD1204-D080-A27-Z06-H	●	80	6	27	50	11						2510-M12x35
AFM90S-SD1204-D100-A32-Z08-H	●	100	8	32	50	11						2514-M16x35
AFM90S-SD1204-D125-B40-Z10	●	125	10	40	63	11						-
AFM90S-SD1204-D160-C40-Z12	●	160	12	40	63	11						-

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



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
		D	Z	d	L	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	Montaj Vidası Mounting Screw Befestigungsschraube
AFM90-SE09-D040-A16-Z04-H	●	40	4	16	40	6.7	SEET 09T3..	3008-M3x8	80-T08	2506-M8x30
AFM90-SE09-D050-A22-Z05-H	●	50	5	22	40	6.7				2508-M10x30
AFM90-SE09-D063-A22-Z06-H	●	63	6	22	40	6.7				-

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

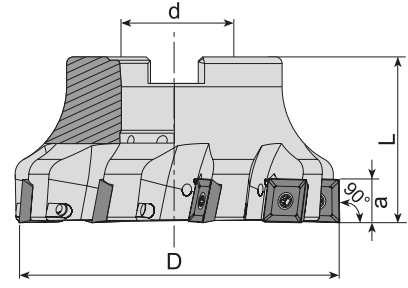
● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage  
ZCC Ucuna Uygunur. / Compatible with ZCC Insert. Kompatibel mit ZCC Wendeplatten.

Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück AFM90S-SD1204-D050-A22-Z04-H

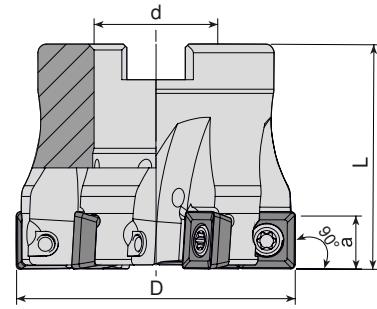
Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321

Montaj Ölçüleri : S 318 / Mounting Reference : P 318 / Montagehinweis : 318



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
		D	Z	d	L	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	Montaj Vidası Mounting Screw Befestigungsschraube
AFM90-SE12-D050-A22-Z04-H	●	50	4	22	40	12	SEET 1203..	4015-M3.5x11	80-T15	2508-M10x30
AFM90-SE12-D063-A22-Z05-H	●	63	5	22	40	12				
AFM90-SE12-D080-A27-Z07-H	●	80	7	27	50	12				
AFM90-SE12-D100-A32-Z09-H	●	100	9	32	50	12				
AFM90-SE12-D125-B40-Z11	●	125	11	40	63	12				

ZCC Ucuna Uygun. / 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		
		D	Z	d	L	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	Montaj Vidası Mounting Screw Befestigungsschraube
AFM90-SP1004-D040-A16-Z04-H	●	40	4	16	40	9.4	SPMT 1004.. XPMT 1004.. QPMR 1004.. QPMT 1004..	4015-M4x10	80-T15	2506-M8x30
AFM90-SP1004-D050-A22-Z04-H	●	50	4	22	40	9.4				
AFM90-SP1004-D050-A22-Z06-H	●	50	6	22	40	9.4				
AFM90-SP1004-D063-A22-Z05-H	●	63	5	22	40	9.4				
AFM90-SP1004-D080-A27-Z07-H	●	80	7	27	50	9.4				
AFM90-SP1004-D100-A32-Z08-H	●	100	8	32	50	9.4				

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

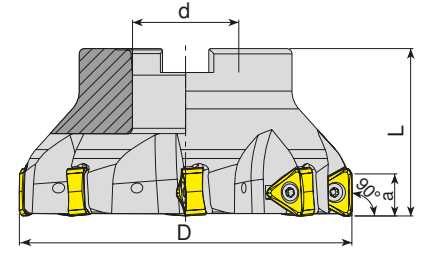
● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage  
ISCR Ucuna Uygun. / Compatible with ISCR Insert. Kompatibel mit ISCR Wendeplatten.

Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück AFM90-SE12-D050-A22-Z04-H

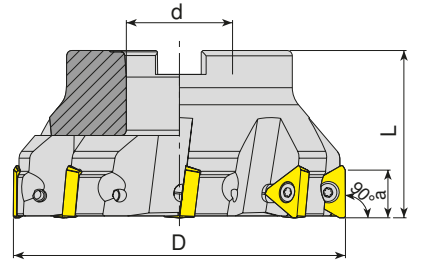
Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321

Montaj Ölçüleri : S 318 / Mounting Reference : P 318 / Montagehinweis : 318



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
		D	Z	d	L	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	Montaj Vidası Mounting Screw Befestigungsschraube
AFM90-TN2207-D063-A22-Z04-H	●	63	4	22	40	15	TN.X 2207..	1120-M4.5x12	80-T20	2508-M10x30
AFM90-TN2207-D080-A27-Z05-H	●	80	5	27	50	15				2510-M12x35
AFM90-TN2207-D100-B32-Z06	●	100	6	32	50	15				-
AFM90-TN2207-D125-B40-Z08	●	125	8	40	63	15				-

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



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
		D	Z	d	L	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	Montaj Vidası Mounting Screw Befestigungsschraube
AFM90-TP2205-D063-A22-Z04	●	63	4	22	40	18	TPKT 2205..	1120-M4.5x12	80-T20	2508-M10x30
AFM90-TP2205-D080-A27-Z06	●	80	6	27	50	18				2510-M12x35
AFM90-TP2205-D100-A32-Z07	●	100	7	32	50	18				2514-M16x35
AFM90-TP2205-D125-B40-Z08	●	125	8	40	63	18				-
AFM90-TP2205-D160-C40-Z09	●	160	9	40	63	18				-
AFM90-TP2205-D200-C60-Z12	●	200	12	60	63	18				-

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

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

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

Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück AFM90-TN2207-D063-A22-Z04-H

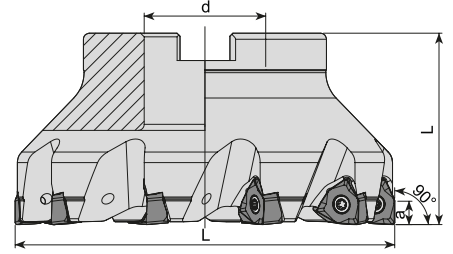
Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321

Montaj Ölçüleri : S 318 / Mounting Reference : P 318 / Montagehinweis : 318





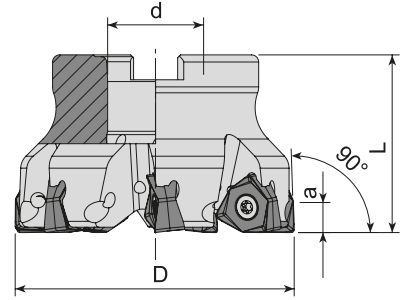
90°



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
		D	Z	d	L	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	Montaj Vidası Mounting Screw Befestigungsschraube
AFM90-WN0604Z-D040-A16-Z04-H	●	40	4	16	16	5.7				2506-M8x30
AFM90-WN0604Z-D050-A22-Z05-H	●	50	5	22	22	5.7				2508-M10x30
AFM90-WN0604Z-D063-A22-Z06-H	●	63	6	22	22	5.7				2510-M12x35
AFM90-WN0604Z-D080-A27-Z07-H	●	80	7	27	27	5.7				2514-M16x35
AFM90-WN0604Z-D100-A32-Z09-H	●	100	9	32	32	5.7				-
AFM90-WN0806Z-D050-A22-Z04-H	●	50	4	22	22	7.7				2508-M10x30
AFM90-WN0806Z-D063-A22-Z05-H	●	63	5	22	22	7.7				2510-M12x35
AFM90-WN0806Z-D080-A27-Z06-H	●	80	6	27	27	7.7				2514-M16x35
AFM90-WN0806Z-D100-A32-Z08-H	●	100	8	32	32	7.7				-
AFM90-WN0806Z-D125-B40-Z10	●	125	10	40	40	7.7				-
AFM90-WN0806Z-D160-C40-Z12	●	160	12	40	40	7.7	-	-		

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

90°



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
		D	Z	d	L	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	Montaj Vidası Mounting Screw Befestigungsschraube
AFM90-WN0806-D050-A16-Z04-H	●	50	4	16	40	8				2506-M8x30
AFM90-WN0806-D063-A22-Z05-H	●	63	5	22	40	8				2508-M10x30
AFM90-WN0806-D080-A27-Z07-H	●	80	7	27	50	8				2510-M12x35

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

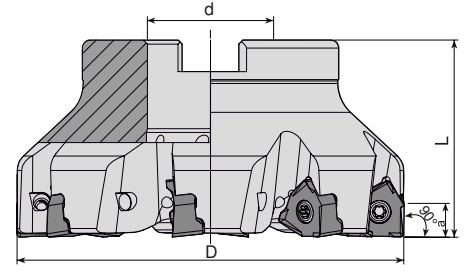
● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage  
KYCR-JD Ucuna Uygun. / Compatible with KYCR-JD Insert. Kompatibel mit KYCR-JD Wendeplatten.

Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück AFM90-WN0604Z-D040-A16-Z04-H

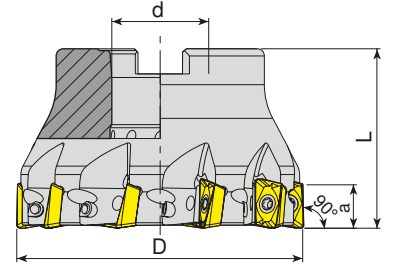
Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321

Montaj Ölçüleri : S 318 / Mounting Reference : P 318 / Montagehinweis : 318



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
		D	Z	d	L	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	Montaj Vidası Mounting Screw Befestigungsschraube
AFM90-XN0403-D040-A16-Z05-H	●	40	5	16	40	4				
AFM90-XN0806-D050-A22-Z04-H	●	50	4	22	40	7.5	XNEX 0806..	4015-M4x11	80-T15	2508-M10x30
AFM90-XN0806-D063-A22-Z05-H	●	63	5	22	40	7.5				2510-M12x35
AFM90-XN0806-D080-A27-Z07-H	●	80	7	27	50	7.5				2514-M16x35
AFM90-XN0806-D100-A32-Z08-H	●	100	8	32	50	7.5				

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



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
		D	Z	d	L	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	Montaj Vidası Mounting Screw Befestigungsschraube
AFM90-X012-D040-A16-Z05-H	●	40	5	16	40	11				2506-M8x30
AFM90-X012-D050-A22-Z07-H	●	50	7	22	40	11				2508-M10x30
AFM90-X012-D063-A22-Z08-H	●	63	8	22	40	11				2510-M12x35
AFM90-X012-D080-A27-Z10-H	●	80	10	27	50	11				2514-M16x35
AFM90-X012-D100-A32-Z12-H	●	100	12	32	50	11				

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

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

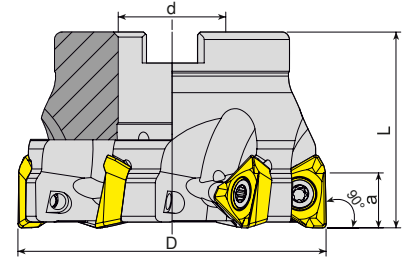
SC Ucuna Uygundur. / Compatible with SC Insert. Kompatibel mit SC Wendeplatten.

Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück AFM90-XN0403-D040-A16-Z05-H

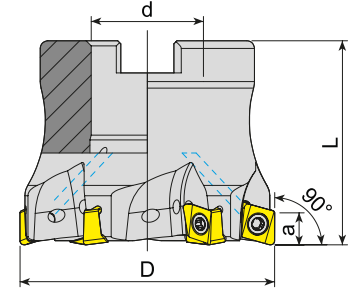
Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321

Montaj Ölçüleri : S 318 / Mounting Reference : P 318 / Montagehinweis : 318



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
		D	Z	d	L	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	Montaj Vidası Mounting Screw Befestigungsschraube
AFM90-3P1004-D040-A16-Z05-H	●	40	5	16	40	7	3PKT 1004..	1108-M2.5x6	80-T08	2506-M8x30
AFM90-3P1004-D050-A22-Z06-H	●	50	6	22	40	7				
AFM90-3P1505-D050-A22-Z04-H	●	50	4	22	40	11	3PKT 1505..	1115-M4x10	80-T15	2508-M10x30
AFM90-3P1505-D050-A22-Z05-H	●	50	5	22	40	11				
AFM90-3P1505-D063-A22-Z04-H	●	63	4	22	40	11				
AFM90-3P1505-D063-A22-Z06-H	●	63	6	22	40	11				
AFM90-3P1505-D080-A27-Z07-H	●	80	7	27	50	11				
AFM90-3P1505-D100-A32-Z08-H	●	100	8	32	50	11				
AFM90-3P1505-D125-B40-Z10	●	125	10	40	63	11				2510-M12x35 2514-M16x35 -

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



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
		D	Z	d	L	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	Montaj Vidası Mounting Screw Befestigungsschraube
AFM90-4N06-D040-A16-Z05-H	●	40	5	16	40	6	4NKT 0603..	1108-M3x6.8	80-T08	2506-M8x30 2508-M10x30
AFM90-4N06-D050-A22-Z06-H	●	50	6	22	40	6				

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

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

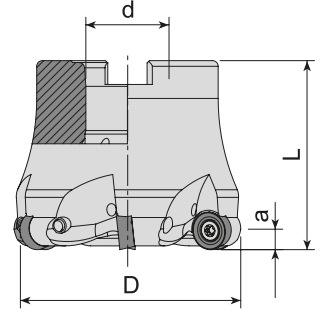
TGTC Ucuna Uygun. / Compatible with TGTC Insert. Kompatibel mit TGTC Wendeplatten.

Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück AFM90-3P1004-D040-A16-Z05-H

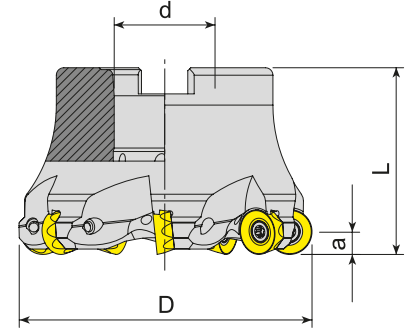
Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321

Montaj Ölçüleri : S 318 / Mounting Reference : P 318 / Montagehinweis : 318



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
		D	Z	d	L	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	Montaj Vidası Mounting Screw Befestigungsschraube
AFMR-RC10T3-D040-A16-Z04-H	●	40	4	16	40	5	RC.. 10T3..	4015-M4x11	80-T15	2406-M8x30
AFMR-RC10T3-D050-A22-Z05-H	●	50	5	22	50	5				2508-M10x30
AFMR-RC10T3-D063-A22-Z06-H	●	63	6	22	50	5				

ZCC Ucuna Uygunur. / 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		
		D	Z	d	L	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	Montaj Vidası Mounting Screw Befestigungsschraube
AFMR-RC1204-D040-A16-Z04-H	●	40	4	16	40	6	RC.. 1204..	4015-M3.5x11	80-T15	2506-M8x30
AFMR-RC1204-D050-A22-Z05-H	●	50	5	22	50	6				2508-M10x30
AFMR-RC1204-D052-A22-Z05-H	●	52	5	22	50	6				
AFMR-RC1204-D063-A22-Z06-H	●	63	6	22	50	6				
AFMR-RC1204-D063-A27-Z06-H	●	80	7	27	50	6				
AFMR-RC1204-D080-A27-Z07-H	●	80	7	27	50	6				2510-M12x35

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

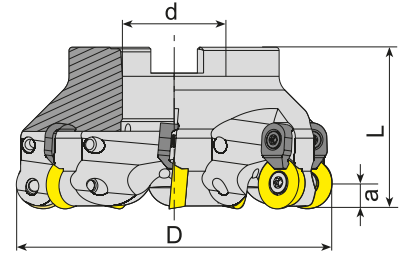
● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage  
SNDVK Ucuna Uygunur. / Compatible with SNDVK Insert. Kompatibel mit SNDVK Wendeplatten.

Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück AFMR-RC10T3-D040-A16-Z04-H

Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321

Montaj Ölçüleri : S 318 / Mounting Reference : P 318 / Montagehinweis : 318



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile					
		D	Z	d	L	a		Sıkma Vidası Screw Schraube	Baskı Parçası Wedge Clamp Spannpratze	Baskı Vidası Clamp Screw Klemmschraube	Tork Anahtar Torx Key Torx-Schlüssel	Montaj Vidası Mounting Screw Befestigungsschraube	
AFMR-RD0702-D050-A22-Z06-H	●	50	6	22	40	3.5	RD.. 0702..	3008-M2.5x6	-	-	80-T08	2407-M10x30	
AFMR-RD0803-D050-A22-Z05-H	●	50	5	22	40	4	RD.. 0803..	3008-M3x8	-	-	80-T08	2407-M10x30	
AFMRC-RD1003-D040-A16-Z04-H	●	40	4	16	40	5	RD.. 1003..					2406-M8x30	
AFMRC-RD1003-D050-A22-Z05-H	●	50	5	22	50	5						2508-M10x30	
AFMRC-RD1003-D052-A22-Z05	●	52	5	22	50	5						2510-M12x35	
AFMRC-RD1003-D063-A22-Z06-H	●	63	6	22	50	5						2514-M16x35	
AFMRC-RD1003-D080-A27-Z07-H	●	80	7	27	50	5						2514-M16x35	
AFMRC-RD1003-D100-A32-Z08-H	●	100	8	32	50	5						2514-M16x35	
AFMRC-RD10T3-D050-A22-Z05-H	●	50	5	22	50	5						RD.. 10T3..	
AFMRC-RD10T3-D063-A22-Z06-H	●	63	6	22	50	5	RD.. 10T3..				2508-M10x30		
AFMRC-RD12T3-D040-A16-Z04-H	●	40	4	16	40	6	RD.. 12T3..	4015-M3.5x11	ACK-15	4015-M3.5x11	80-T15	2406-M8x30	
AFMRC-RD12T3-D050-A22-Z05-H	●	50	5	22	50	6						2508-M10x30	
AFMRC-RD12T3-D052-A22-Z05-H	●	52	5	22	50	6						2510-M12x35	
AFMRC-RD12T3-D063-A22-Z06-H	●	63	6	22	50	6						2514-M16x35	
AFMRC-RD12T3-D080-A27-Z07-H	●	80	7	27	50	6						2514-M16x35	
AFMRC-RD12T3-D100-A32-Z08-H	●	100	8	32	50	6						2514-M16x35	
AFMRC-RD12T3-D125-B40-Z09	●	125	9	40	63	6						-	
AFMRC-RD1204-D040-A16-Z04-H	●	40	4	16	40	6	RD.. 1204..					2406-M8x30	
AFMRC-RD1204-D050-A22-Z05-H	●	50	5	22	50	6						2508-M10x30	
AFMRC-RD1204-D052-A22-Z05-H	●	52	5	22	50	6						2510-M12x35	
AFMRC-RD1204-D063-A22-Z06-H	●	63	6	22	50	6						2514-M16x35	
AFMRC-RD1204-D080-A27-Z07-H	●	80	7	27	50	6						2514-M16x35	
AFMRC-RD1204-D100-A32-Z07-H	●	100	7	32	50	6						2514-M16x35	
AFMRC-RD1204-D100-A32-Z08-H	●	100	8	32	50	6						2514-M16x35	
AFMRC-RD1604-D050-A22-Z04-H	●	50	4	22	50	8	RD.. 1604..	4015-M4.5x11	ACK-05	4015-M4x11		2408-M10x30	
AFMRC-RD1604-D052-A22-Z04-H	●	52	4	22	50	8						2508-M10x30	
AFMRC-RD1604-D063-A22-Z05-H	●	63	5	22	50	8						2510-M12x35	
AFMRC-RD1604-D066-A22-Z05-H	●	66	5	22	50	8						2514-M16x35	
AFMRC-RD1604-D066-A27-Z05-H	●	66	5	27	50	8						2514-M16x35	
AFMRC-RD1604-D080-A27-Z06-H	●	80	6	27	50	8						2514-M16x35	
AFMRC-RD1604-D100-A32-Z07-H	●	100	7	32	50	8						2514-M16x35	
AFMRC-RD1604-D125-B40-Z07	●	125	7	40	63	8	-						

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

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

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

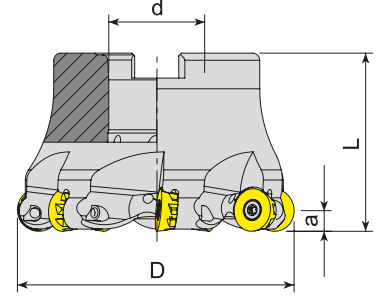
Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück AFMR-RD0702-D050-A22-Z06-H

Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321

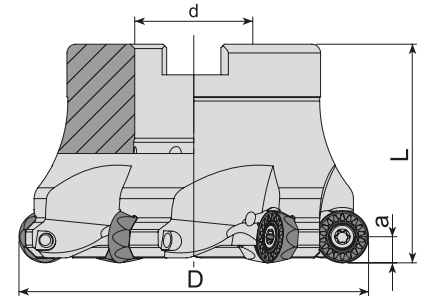
Montaj Ölçüleri : S 318 / Mounting Reference : P 318 / Montagehinweis : 318





Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
		D	Z	d	L	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	Montaj Vidası Mounting Screw Befestigungsschraube
AFMR-RP10T3-D063-A22-Z06-H	●	63	6	22	40	5	RPNX 10T3..	4010-M3x8	80-T10	2508-M10x30
AFMR-RP10T3-D080-A27-Z07-H	●	80	7	27	50	5				2510-M12x35
AFMR-RP1204-D040-A16-Z04-H	●	40	4	16	40	6	RPNX 1204..	4015-M3.5x11	80-T15	2406-M8x30
AFMR-RP1204-D080-A27-Z07-H	●	80	7	27	50	6				2510-M12x35

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



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
		D	Z	d	L	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	Montaj Vidası Mounting Screw Befestigungsschraube
AFMR-RP1204M-D050-A22-Z04-H	●	50	4	22	50	6	RPMT 1204..	4015-M4x11	80-T15	2508-M10x30
AFMR-RP1204M-D052-A22-Z05-H	●	52	5	22	50	6				2510-M12x35
AFMR-RP1204M-D063-A22-Z05-H	●	63	5	22	50	6				
AFMR-RP1204M-D080-A27-Z06-H	●	80	6	27	50	6				

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

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

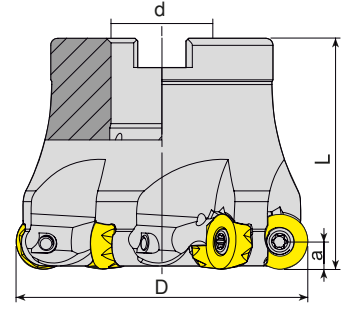
MTSBH Ucuna Uygun. / Compatible with MTSBH Insert. Kompatibel mit MTSBH Wendeplatten.

Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück AFMR-RP10T3-D063-A22-Z06-H

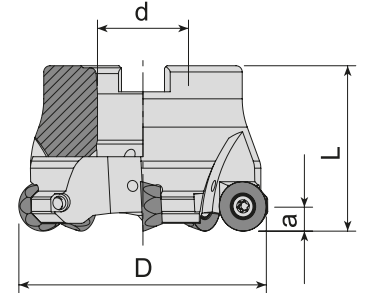
Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321

Montaj Ölçüleri : S 318 / Mounting Reference : P 318 / Montagehinweis : 318



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendescheidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
		D	Z	d	L	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	Montaj Vidası Mounting Screw Befestigungsschraube
AFMR-RY10-D040-A16-Z04-H	●	40	4	16	40	5	RYMX 1004..	4015-M3.5x11	80-T15	2406-M8x30
AFMR-RY10-D040-A16-Z05-H	●	40	5	16	40	5				2506-M8x30
AFMR-RY10-D050-A22-Z05-H	●	50	5	22	50	5				2508-M10x30
AFMR-RY10-D063-A22-Z06-H	●	63	6	22	50	5				2406-M8x30
AFMR-RY12-D040-A16-Z04-H	●	40	4	16	40	6	RYMX 1205..	4015-M4x11	80-T15	2406-M8x30
AFMR-RY12-D050-A22-Z05-H	●	50	5	22	50	6				2508-M10x30
AFMR-RY12-D052-A22-Z05-H	●	52	5	22	50	6				2510-M12x35
AFMR-RY12-D063-A22-Z06-H	●	63	6	22	50	6				2514-M16x35
AFMR-RY12-D080-A27-Z06-H	●	80	6	27	50	6				
AFMR-RY12-D100-A32-Z07-H	●	100	7	32	50	6				

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



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendescheidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
		D	Z	d	L	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	Montaj Vidası Mounting Screw Befestigungsschraube
AFMR-QP10T3-D040-A16-Z04-H	●	40	4	16	40	5	QP.. 10T3..	4015-M3.5x11	80-T15	2506-M8x30
AFMR-QP10T3-D050-A22-Z05-H	●	50	5	22	40	5				2407-M10x30
AFMR-QP10T3-D063-A22-Z06-H	●	63	6	22	40	5				
AFMR-QP1204-D050-A22-Z04-H	●	50	4	22	40	6	QP.. 1204..	4015-M4x11		
AFMR-QP1204-D063-A22-Z05-H	●	63	5	22	40	6				

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

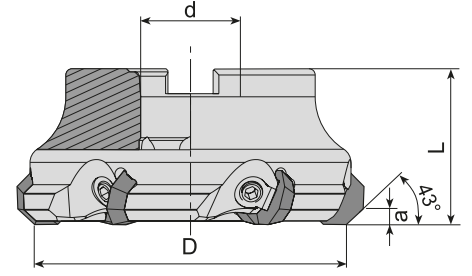
● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage  
SMTM Ucuna Uygundur. / Compatible with SMTM Insert. Kompatibel mit SMTM Wendeplatten.

Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück AFMR-RY10-D040-A16-Z04-H

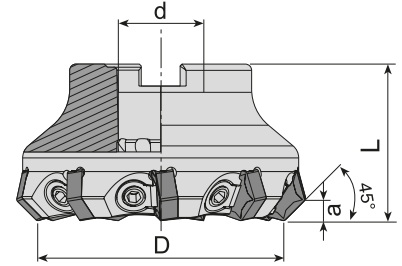
Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321

Montaj Ölçüleri : S 318 / Mounting Reference : P 318 / Montagehinweis : 318



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile				
		D	Z	d	L	a		Baskı Parçası Wedge Clamp Spannpratze	Baskı Vidası Clamp Screw Klemmschraube	Anahtar Allen Key Innensechskantschlüssel	Montaj Vidası Mounting Screw Befestigungsschraube	
AFM43C-OF07-D063-A22-Z04	●	63	4	22	45	5	OF.. 0704..	ACK-11	AKV-15-M8x1x20	AAL-05-4	2508-M10x30	
AFM43C-OF07-D080-A27-Z05	●	80	5	27	50	5					2510-M12x35	
AFM43C-OF07-D100-A32-Z06	●	100	6	32	50	5					2514-M16x35	
AFM43C-OF07-D125-B40-Z08	●	125	8	40	63	5					-	
AFM43C-OF07-D160-C40-Z09	●	160	9	40	63	5					-	

ISO Ucuna Uygun. / Compatible with ISO Insert. Kompatibel mit ISO Wendepalten.



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile				
		D	Z	d	L	a		Baskı Parçası Wedge Clamp Spannpratze	Baskı Vidası Clamp Screw Klemmschraube	Anahtar Allen Key Innensechskantschlüssel	Montaj Vidası Mounting Screw Befestigungsschraube	
AFM45C-HN0905-D063-A22-Z07	●	63	7	22	40	4.5	HN.. 0905..	ACK-11	AKV-15-M8x1x20	AAL-05-4	2508-M10x30	
AFM45C-HN0905-D080-A27-Z09	●	80	9	27	50	4.5					2510-M12x35	
AFM45C-HN0905-D100-A32-Z11	●	100	11	32	50	4.5					2514-M16x35	
AFM45C-HN0905-D125-B40-Z13	●	125	13	40	63	4.5					-	
AFM45CL-HN0905-D125-B40-Z10	●	125	10	40	63	4.5					-	
AFM45C-HN0905-D160-C40-Z15	●	160	15	40	63	4.5					-	

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

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

WDA-KNMTL Ucuna Uygun. / Compatible with WDA-KNMTL Insert. Kompatibel mit WDA-KNMTL Wendepalten.

Sipariş Örneği/Ordering Example/Bestellbeispiel

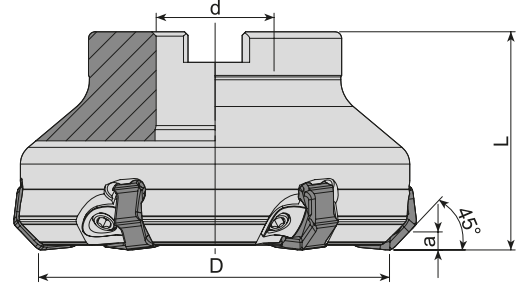
1 ad./pcs./stück AFM43C-OF07-D063-A22-Z04

Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321

Montaj Ölçüleri : S 318 / Mounting Reference : P 318 / Montagehinweis : 318



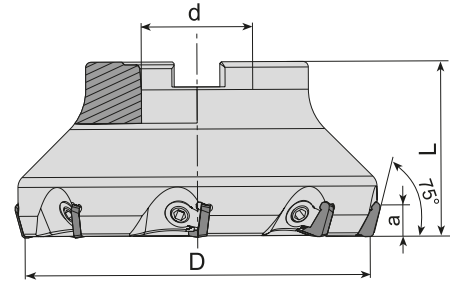
45°



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile				
		D	Z	d	L	a		Baskı Parçası Wedge Clamp Spannpratze	Baskı Vidası Clamp Screw Klemmschraube	Anahtar Allen Key Innensechskantschlüssel	Montaj Vidası Mounting Screw Befestigungsschraube	
AFM45C-XN0806-D063-A22-Z05	●	63	5	22	50	4.5	XNMU 0806..	ACK-26	AKV-26-M6x0.75x20	AAL-03-03	2508-M10x30 2510-M12x35 2514-M16x35	
AFM45C-XN0806-D080-A27-Z06	●	80	6	27	50	4.5						
AFM45C-XN0806-D100-A32-Z08	●	100	8	32	50	4.5						
AFM45C-XN0806-D125-B40-Z08	●	125	8	40	63	4.5						
AFM45C-XN0806-D160-C40-Z10	●	160	10	40	63	4.5						
AFM45C-XN0806-D200-C60-Z12	●	200	12	60	63	4.5						

DJT Ucuna Uygunur. / Compatiple with DJT Insert. Kompatibel mit DJT Wendeplatten.

75°



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile				
		D	Z	d	L	a		Baskı Parçası Wedge Clamp Spannpratze	Baskı Vidası Clamp Screw Klemmschraube	Anahtar Allen Key Innensechskantschlüssel	Montaj Vidası Mounting Screw Befestigungsschraube	
AFM75C-SP12-D050-A22-Z04	●	50	4	22	42	8	SPKN 1203..	ACK-10	AKV-22-M8x1x14	AAL-05-4	2508-M10x30 2510-M12x35 2514-M16x35	
AFM75C-SP12-D063-A22-Z05	●	63	5	22	40	8						
AFM75C-SP12-D080-A27-Z06	●	80	6	27	50	8						
AFM75C-SP12-D100-A32-Z07	●	100	7	32	50	8						
AFM75C-SP12-D125-B40-Z08	●	125	8	40	63	8						
AFM75C-SP12-D160-C40-Z09	●	160	9	40	63	8						
AFM75C-SP12-D200-C60-Z12	●	200	12	60	63	8						

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 Uygunur. / Compatiple with ISO Insert. Kompatibel mit ISO Wendeplatten.

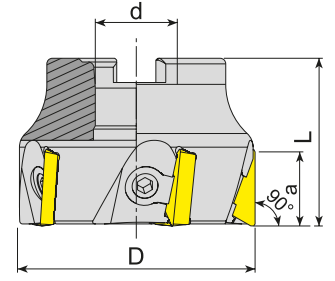
Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück AFM45C-XN0806-D063-A22-Z05

Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321

Montaj Ölçüleri : S 318 / Mounting Reference : P 318 / Montagehinweis : 318





Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile			
		D	Z	d	L	a		Baskı Pabucu Wedge Clamp Spannpratze	Baskı Vidası Clamp Screw Klemmschraube	Anahtar Allen Key Innensechskantschlüssel	Montaj Vidası Mounting Screw Befestigungsschraube
AFM90C-TP16-D050-A22-Z04	●	50	4	22	40	12	TP.. 1603..	ACK-10	AKV-22-M8x1x14 AKV-13-M8x1x16	AAL-05-4	2407-M10x30
AFM90C-TP16-D063-A22-Z06	●	63	6	22	45	12					2508-M10x30
AFM90C-TP16-D080-A27-Z07	●	80	7	27	50	12					2510-M12x35
AFM90C-TP16-D100-A32-Z08	●	100	8	32	50	12					2514-M16x35
AFM90C-TP16-D125-B40-Z08	●	125	8	40	63	12					-
AFM90C-TP22-D063-A22-Z05	●	63	5	22	45	18	TP.. 2204..	ACK-11	AKV-14-M8x1x18	AAL-05-4	2508-M10x30
AFM90C-TP22-D080-A27-Z06	●	80	6	27	50	18					2510-M12x35
AFM90C-TP22-D100-A32-Z07	●	100	7	32	50	18					2514-M16x35
AFM90C-TP22-D125-B40-Z08	●	125	8	40	63	18					-
AFM90C-TP22-D160-C40-Z09	●	160	9	40	63	18					-
AFM90C-TP22-D200-C60-Z12	●	200	12	60	63	18					-
AFM90C-TP22-D250-C60-Z15	●	250	15	60	63	18					-
AFM90C-TP22-D315-D60-Z18	●	315	18	60	63	18	-				

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

● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage  
ISO Ucuna Uygundur. / Compatible with ISO Insert. Kompatibel mit ISO Wendeplatten.

Sipariş Örneği/Ordering Example/Bestellbeispiel

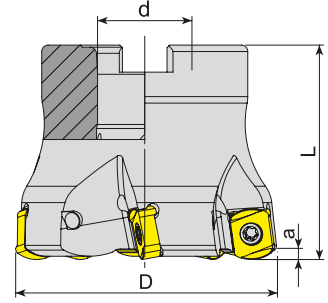
1 ad./pcs./stück AFM90C-TP16-D050-A22-Z04

Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321

Montaj Ölçüleri : S 318 / Mounting Reference : P 318 / Montagehinweis : 318

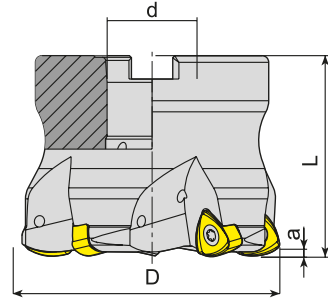






Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
		D	Z	d	L	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	Montaj Vidası Mounting Screw Befestigungsschraube
AHFM-BL0904-D040-A16-Z05-H	●	40	5	16	40	2	BLMP 0904..			2506-M8x30
AHFM-BL0904-D050-A22-Z06-H	●	50	6	22	50	2				2508-M10x30
AHFM-BL0904-D063-A22-Z05-H	●	63	5	22	50	2				
AHFM-BL0904-D063-A22-Z07-H	●	63	7	22	50	2				

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



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
		D	Z	d	L	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	Montaj Vidası Mounting Screw Befestigungsschraube
AHFM-BL1205-D050-A22-Z03-H	●	50	3	22	40	2	BLMP 1205..			2508-M10x30
AHFM-BL1205-D063-A22-Z04-H	●	63	4	22	40	2				2510-M12x35
AHFM-BL1205-D080-A27-Z05-H	●	80	5	27	50	2				

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

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

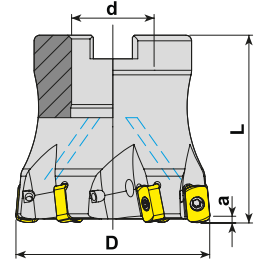
TGTC Ucuna Uygundur. / Compatible with TGTC Insert. Kompatibel mit TGTC Wendeplatten.

Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück AHFM-BL0904-D040-A16-Z05-H

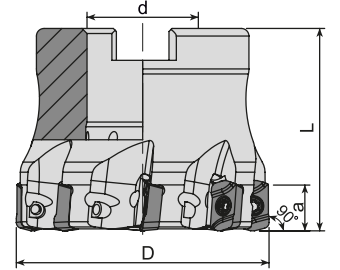
Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321

Montaj Ölçüleri : S 318 / Mounting Reference : P 318 / Montagehinweis : 318



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
		D	Z	d	L	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	Montaj Vidası Mounting Screw Befestigungsschraube
AHFM-EN1004-D050-A22-Z05-H	●	50	5	22	50	1	ENMU 1004..	3008-M2.5X6	80-T08	2508-M10x30
AHFM-EN1004-D050-A22-Z06-H	●	50	6	22	50	1				
AHFM-EN1004-D052-A22-Z06-H	●	52	6	22	50	1				
AHFM-EN1004-D063-A22-Z06-H	●	63	6	22	50	1				

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



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
		D	Z	d	L	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	Montaj Vidası Mounting Screw Befestigungsschraube
AHFM-EP1003-D050-A22-Z08-H	●	50	8	22	40	1	EP.. 1003.. ZPMT 1003.. YPHW 1003..	3008-M2.5X6	80-T08	2508-M10x30
AHFM-EP1003-D063-A22-Z08-H	●	63	8	22	40	1				

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

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

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

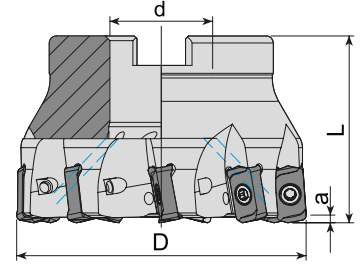
Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück AHFM-EN1004-D050-A22-Z05-H

Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321

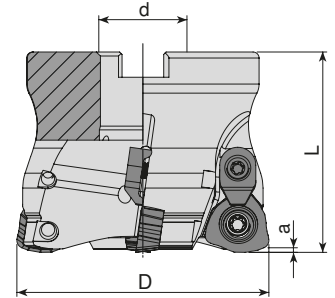
Montaj Ölçüleri : S 318 / Mounting Reference : P 318 / Montagehinweis : 318

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					
		D	Z	d	L	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	Montaj Vidası Mounting Screw Befestigungsschraube			
AHFM-L003-D040-A16-Z06-H	●	40	6	16	40	1	LOGU 0303..						
AHFM-L003-D050-A22-Z07-H	●	50	7	22	40	1					1108-M3x6.8	80-T08	2506-M8x30
AHFM-L003-D063-A22-Z09-H	●	63	9	22	40	1							2508-M10x30

KYCR Ucuna Uygun. / Compatible with KYCR Insert. Kompatibel mit KYCR Wendeschneidplatten.



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile				
		D	Z	d	L	a		Sıkma Vidası Screw Schraube	Baskı Pabucu Wedge Clamp Spannpratze	Baskı Vidası Clamp Screw Klemmschraube	Tork Anahtar Torx Key Torx-Schlüssel	Montaj Vidası Mounting Screw Befestigungsschraube
AHFMC-JD1204-D052-A22-Z03-H	●	52	3	22	50	1.5	JDMW 1204..					
AHFMC-JD1204-D052-A22-Z04-H	●	52	4	22	50	1.5						
AHFMC-JD1405-D052-A22-Z03-H	●	52	3	22	40	2	JDMW 1405..					
AHFMC-JD1405-D063-A22-Z04-H	●	63	4	22	40	2						

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

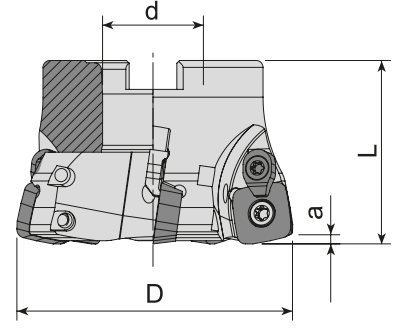
● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage  
MTSBH Ucuna Uygun. / Compatible with MTSBH Insert. Kompatibel mit MTSBH Wendeschneidplatten.

Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück AHFM-L003-D040-A16-Z06-H

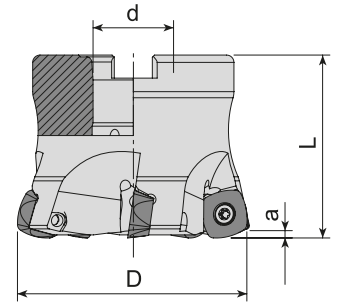
Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321

Montaj Ölçüleri : S 318 / Mounting Reference : P 318 / Montagehinweis : 318



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile					
		D	Z	d	L	a		Sıkma Vidası Screw Schraube	Baskı Pabucu Wedge Clamp Spannpratze	Baskı Vidası Clamp Screw Klemmschraube	Tork Anahtar Torx Key Torx-Schlüssel	Montaj Vidası Mounting Screw Befestigungsschraube	
AHFMC-SD1204-D050-A22-Z04-H	●	50	4	22	40	1.8	SD.. 1204..						
AHFMC-SD1204-D063-A22-Z05-H	●	63	5	22	40	1.8							2508-M10x30
AHFMC-SD1204-D080-A27-Z06-H	●	80	6	27	50	1.8							2510-M12x35
AHFMC-SD1204-D100-A32-Z08-H	●	100	8	32	50	1.8							2514-M16x35

ZCC Ucuna Uygunur. / Compatible with ZCC Insert. Kompatibel mit ZCC Wendepalten.



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile			
		D	Z	d	L	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	Montaj Vidası Mounting Screw Befestigungsschraube	
AHFM-SD1205-D052-A22-Z04-H	●	52	4	22	50	2	SD.. 1205..				
AHFM-SD1205-D052-A22-Z05-H	●	52	5	22	50	2					
AHFM-SD1205-D066-A22-Z05-H	●	66	5	22	50	2					2508-M10x30
AHFM-SD1205-D066-A22-Z06-H	●	66	6	22	50	2					2510-M12x35
AHFM-SD1205-D080-A27-Z06-H	●	80	6	27	70	2					2510-M12x35

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

● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage  
HTCH Ucuna Uygunur. / Compatible with HTCH Insert. Kompatibel mit HTCH Wendepalten.

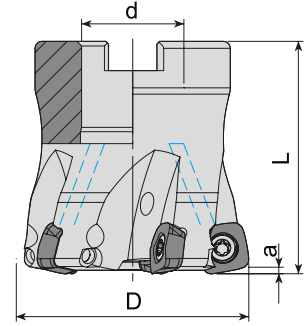
Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück AHFMC-SD1204-D050-A22-Z04-H

Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321

Montaj Ölçüleri : S 318 / Mounting Reference : P 318 / Montagehinweis : 318

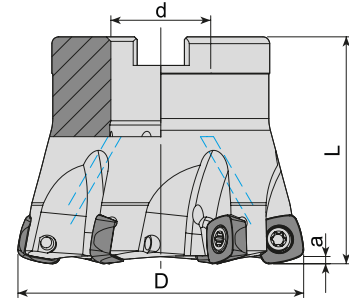
new



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		
		D	Z	d	L	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	Montaj Vidası Mounting Screw Befestigungsschraube
AHFM-SO1004-D050-A22-Z05-H	●	50	5	22	50	1.5	SOMT 1004..			
AHFM-SO1004-D063-A22-Z06-H	●	63	6	22	50	1.5				
AHFM-SO1004-D080-A27-Z07-H	●	80	7	27	63	1.5				

KYCR Ucuna Uygunudur. / Compatible with KYCR Insert. Kompatibel mit KYCR 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		
		D	Z	d	L	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	Montaj Vidası Mounting Screw Befestigungsschraube
AHFM-SP1004-D050-A22-Z05-H	●	50	5	22	50	1.5	SPNW 1004..			
AHFM-SP1004-D052-A22-Z05-H	●	52	5	22	50	1.5				
AHFM-SP1004-D063-A22-Z06-H	●	63	6	22	50	1.5				

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

● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage  
DJT Ucuna Uygunudur. / Compatible with DJT Insert. Kompatibel mit DJT Wendeplatten.

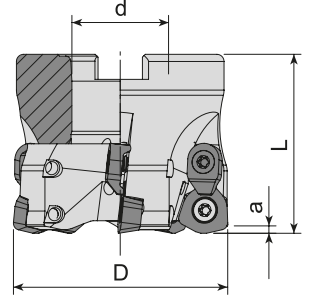
Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück AHFM-SO1004-D050-A22-Z05-H

Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321

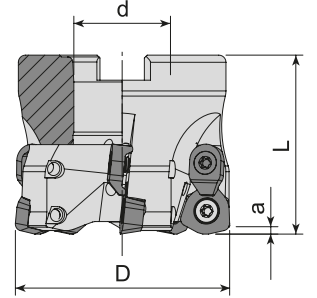
Montaj Ölçüleri : S 318 / Mounting Reference : P 318 / Montagehinweis : 318





Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile				
		D	Z	d	L	a		Sıkma Vidası Screw Schraube	Baskı Pabucu Wedge Clamp Spannpratze	Baskı Vidası Clamp Screw Klemmschraube	Tork Anahtar Torx Key Torx-Schlüssel	Montaj Vidası Mounting Screw Befestigungsschraube
AHFMC-WD06T3D-D042-A16-Z04-H	●	42	4	16	45	1.5	WD.W 06T3..	3015-M3.5x9	ACK-15	4015-M3.5x11	80-T15	2506-M8x30
AHFMC-WD06T3D-D050-A22-Z05-H	●	50	5	22	50	1.5						
AHFMC-WD06T3D-D052-A22-Z05-H	●	52	5	22	50	1.5						
AHFMC-WD0805D-D052-A22-Z04-H	●	52	4	22	50	2	WD.W 0805..	4020-M4.5x12	ACK-19	4020-M4.5x12	80-T20	2508-M10x30
AHFMC-WD0805D-D063-A22-Z05-H	●	63	5	22	50	2						
AHFMC-WD0805D-D063-A27-Z05-H	●	63	5	27	50	2						
AHFMC-WD0805D-D066-A27-Z05-H	●	66	5	27	50	2						
AHFMC-WD0805D-D080-A27-Z05	●	80	5	27	50	2						
AHFMC-WD0805D-D100-A32-Z06	●	100	6	32	50	2						
AHFMC-WD10X6D-D125-B40-Z06	●	125	6	40	63	2.5	WD.W 10X6..					2510-M12x35
AHFMC-WD10X6D-D160-C40-Z07	●	160	7	40	63	2.5						

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



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile				
		D	Z	d	L	a		Sıkma Vidası Screw Schraube	Baskı Pabucu Wedge Clamp Spannpratze	Baskı Vidası Clamp Screw Klemmschraube	Tork Anahtar Torx Key Torx-Schlüssel	Montaj Vidası Mounting Screw Befestigungsschraube
AHFMC-WD0804-D040-A16-Z04-H	●	40	4	16	40	-	WDMT 0804..	4010-M3x8	ACK-15	4010-M3x8	80-T10	2506-M8x30
AHFMC-WD0804-D050-A22-Z04-H	●	50	4	22	50	-						
AHFMC-WD1205-D050-A22-Z04-H	●	50	4	22	50	-	WDMT 1205..	1415-M4x11	ACK-05	4015-M4x11	80-T15	2508-M10x30
AHFMC-WD1205-D052-A22-Z04-H	●	52	4	22	50	-						
AHFMC-WD1205-D063-A22-Z05-H	●	63	5	22	50	-						
AHFMC-WD1205-D080-A27-Z06-H	●	80	6	27	63	-						

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

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

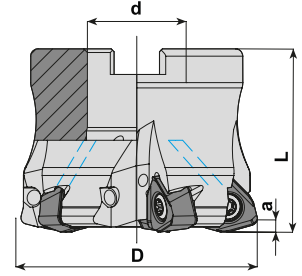
SMTM Ucuna Uygundur. / Compatible with SMTM Insert. Kompatibel mit SMTM Wendeplatten.

Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück AHFMC-WD06T3D-D042-A16-Z04-H

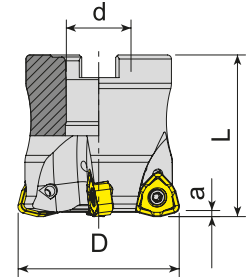
Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321

Montaj Ölçüleri : S 318 / Mounting Reference : P 318 / Montagehinweis : 318



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
		D	Z	d	L	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	Montaj Vidası Mounting Screw Befestigungsschraube
AHFM-WN0907-D050-A22-Z04-H	●	50	4	22	50	3	WNMU 0907..	1020-M5x14	80-T20	2508-M10x30
AHFM-WN0907-D052-A22-Z04-H	●	52	4	22	50	3				
AHFM-WN0907-D063-A22-Z05-H	●	63	5	22	50	3				
AHFM-WN0907-D066-A27-Z05-H	●	66	5	27	50	3				
AHFM-WN0907-D080-A27-Z06-H	●	80	6	27	50	3				2510-M12x35
AHFM-WN0907-D100-A32-Z07-H	●	100	7	32	50	3				2514-M16x35

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



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)					Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
		D	Z	d	L	a		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel	Montaj Vidası Mounting Screw Befestigungsschraube
AHFM-WN09T3-D040-A16-Z04-H	●	40	4	16	40	1.5	WNMX 09T3..	4010-M3x8	80-T10	2506-M8x30
AHFML-WN09T3-D040-A16-Z04-H	●	40	4	16	40	1.5				
AHFM-WN09T3-D050-A22-Z05-H	●	50	5	22	40	1.5				
AHFML-WN09T3-D050-A22-Z05-H	●	50	5	22	40	1.5				2508-M10x30
AHFM-WN09T3-D063-A22-Z06-H	●	63	6	22	40	1.5				

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

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

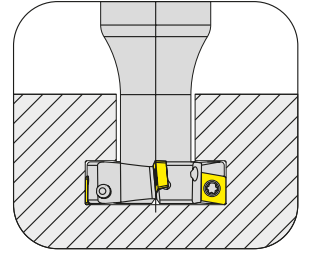
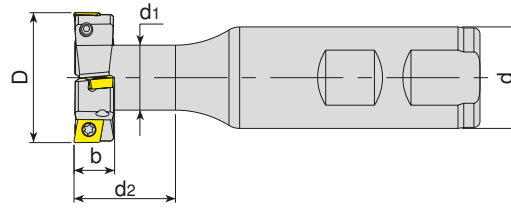
KRLY Ucuna Uygundur. / Compatible with KRLY Insert. Kompatibel mit KRLY Wendepplatten.

Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück AHFM-WN0907-D050-A22-Z04-H

Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321

Montaj Ölçüleri : S 318 / Mounting Reference : P 318 / Montagehinweis : 318



Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)								Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile	
		Z		D	b	d	L	d <sub>1</sub>	d <sub>2</sub>		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel
		Toplam Total Gesamt	Etkili Effective Effektiv									
ATSM90-CC06-D17X8-W16-L85-Z02	●	2	1	17	8	16	85	10	16	CC.. 0602..	3008-M2.5x6	80-T08
ATSM90-CC06-D32X8-W25-L100-Z04	●	4	2	32	8	25	100	16	23			
ATSM90-CC06-D28X8-W20-L66-Z04	●	4	2	28	8	20	66	14	15.5			
ATSM90-CC06-D45.5X8-W25-L100-Z06	●	6	3	45.5	8	25	100	12	30			
ATSM90-CC06-D63X8-W32-L125-Z08	●	8	4	63	8	32	125	31.5	30			
ATSM90-CC06-D18X9-W16-L90-Z02	●	2	1	18	9	16	90	10	16			
ATSM90-CC06-D20X9-W16-L85-Z04	●	4	2	20	9	16	85	10	16			
ATSM90-CC06-D23X10-W20-L90-Z04	●	4	2	23	10	20	90	12	25			
ATSM90-CC06-D32X10-W25-L100-Z04	●	4	2	32	10	25	100	16	25			
ATSM90-CC06-D45X10-W32-L120-Z06	●	6	3	45	10	32	120	20	25			
ATSM90-CC06-D25X11-W25-L100-Z04	●	4	2	25	11	25	100	13	20	CC.. 09T3..	4015-M3.5x9	80-T15
ATSM90-CC09-D30X12-W25-L100-Z04	●	4	2	30	12	25	100	16	25			
ATSM90-CC09-D32X12-W25-L100-Z02	●	2	1	32	12	25	100	16	25			
ATSM90-CC09-D32X12-W25-L100-Z04	●	4	2	32	12	25	100	16	25			
ATSM90-CC09-D32X14-W25-L100-Z04	●	4	2	32	14	25	100	16	25			
ATSM90-CC09-D37X16-W32-L120-Z04	●	4	2	37	16	32	120	17	30			
ATSM90-CC09-D42X17-W32-L120-Z04	●	4	2	42	17	32	120	19	30			
ATSM90-CC09-D40X17-W32-L120-Z04-H	●	4	2	40	17	32	120	19	30	CC.. 1204..	1020-M5x11	80-T20
ATSM90-CC12-D47X20-W32-L120-Z04	●	4	2	47	20	32	120	25	45			
ATSM90-CC12-D52X21-W32-L120-Z04	●	4	2	52	21	32	120	25	45			
ATSM90-CC12-D50X22-W32-L120-Z04	●	4	2	50	22	32	120	25	45			
ATSM90-CC12-D55X22-W32-L120-Z04	●	4	2	55	22	32	120	25	45			

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

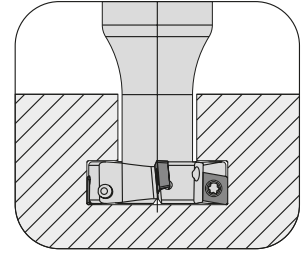
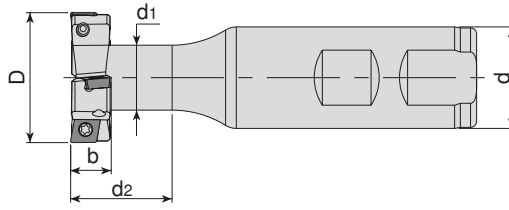
● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage

Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück ATSM90-CC06-D17X8-W16-L85-Z02

Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321





**Takım Kodu**  
**Ordering Code**  
**Bestell-Bezeichnung**

Stok  
Stock  
Lager

Takım Ölçüleri (mm)  
Dimension (mm)  
Abmessung (mm)

Kesici Uç  
Insert  
Wendeschneidplatte

Yedek Parçaları / Spare Parts / Ersatzteile

Sıkma Vidası  
Screw  
Schraube

Tork Anahtar  
Torx Key  
Torx-Schlüssel

Z  
Toplam  
Total  
Gesamt

Etkili  
Effective  
Effektiv

D

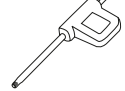
b

d

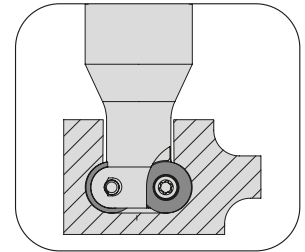
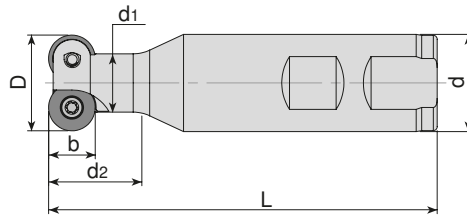
L

d1

d2



ATSM90-SP..05-D22.5X5-W25-L100-Z04	●	4	2	22.5	5	25	100	12	25	<b>SPMG 050204</b> TGTC UCUNA UYGUNDUR. FOR TGTC INSERT. Kompatibel mit TGTC Wendepfatten	3006-M2x4	80-T06
ATSM90-SP..05-D30X5-W25-L100-Z04	●	4	2	30	5	25	100	10	25			
ATSM90-SPGT0502-D63X6-W32-L125-Z10	●	10	5	63	6	32	125	31	30	<b>SPGT 050204</b>		
ATSM90-SPGT0904-D32X14-W32-L120-Z04-H	●	4	2	32	14	32	120	17.5	30	<b>SPGT 090408</b> ZCC UCUNA UYGUNDUR. FOR ZCC INSERT. Kompatibel mit ZCC Wendepfatten	4015-M3.5x9	80-T15
ATSM90-SPGT0904-D37X16-W32-L120-Z04-H	●	4	2	37	16	32	120	21	40			
ATSM90-SPGT0904-D42X17-W32-L120-Z04-H	●	4	2	42	17	32	120	21	40			
ATSM90-SPGT1104-D47X20-W32-L120-Z04-H	●	4	2	47	20	32	120	24	45	<b>SPGT 110408</b>	4015-M4x11	
ATSM90-SP..06-D80X7-W32-L120-Z10	●	10	5	80	7	32	120	32	30	<b>SPMG 060204</b> TGTC UCUNA UYGUNDUR. FOR TGTC INSERT. Kompatibel mit TGTC Wendepfatten	3007-M2.2x5	80-T07



**Takım Kodu**  
**Ordering Code**  
**Bestell-Bezeichnung**

Stok  
Stock  
Lager

Takım Ölçüleri (mm)  
Dimension (mm)  
Abmessung (mm)

Kesici Uç  
Insert  
Wendeschneidplatte

Yedek Parçaları / Spare Parts / Ersatzteile

Sıkma Vidası  
Screw  
Schraube

Tork Anahtar  
Torx Key  
Torx-Schlüssel

Z

D

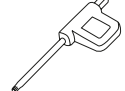
b

d

L

d1

d2



ATSMR-RD0702-D17-W16-L90-Z02	●	2	17	7	16	90	10	12				
ATSMR-RD0702-D25-W16-L90-Z03	●	3	25	7	16	90	15	12	<b>RD.. 0702</b>	3008-M2.5x6	80-T08	
ATSMR-RD0702-D35-W25-L100-Z05	●	5	35	7	25	100	20	20				
ATSMR-RD1003-D21-W25-L100-Z02	●	2	21	10	25	100	12	20	<b>RD.. 1003</b>			
ATSMR-RD1003-D80-W32-L165-Z06-H	●	6	80	10	32	165	30	31.5		4015-M3.5x9	80-T15	
ATSMR-RD12T3-D25-W25-L100-Z02	●	2	25	12	25	100	15	24	<b>RD.. 12T3</b>			
ATSMR-RD12T3-D80-W32-L165-Z06-H	●	6	80	12	32	165	30	31.5				
ATSMR-RD1604-D34-W32-L110-Z02	●	2	34	16	32	110	20	30	<b>RD.. 1604</b>	4015-M4.5x11		

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

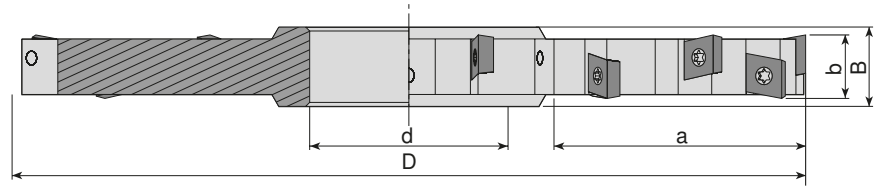
● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage  
ISO Ucuna Uygundur. / Compatiple with ISO Insert. Kompatibel mit ISO Wendepfatten.

Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück ATSM90-SP..05-D22.5X5-W25-L100-Z04

Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321





Takım Kodu Ordering Code Bestell-Bezeichnung	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)						Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile		
		Z		D	b	a	d		B	Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel
		Toplam Total Gesamt	Etkili Effective Effektiv								
ASDM-SPGT05-D80x6-d27-Z10	●	10	5	80	6	17	27	10	SPGT 050204 ZCC UCUNA UYGUNDUR. FOR ZCC INSERT. Kompatibel mit ZCC-Wendeschneidplatten	3006-M2x4	80-T06
ASDM-SPGT05-D100x6-d32-Z12	●	12	6	100	6	25	32	10			
ASDM-SPGT05-D125x6-d40-Z14	●	14	7	125	6	35	40	10			
ASDM-SPGT05-D160x6-d40-Z18	●	18	9	160	6	52	40	10			
ASDM-SPGT06-D80x7-d27-Z10	●	10	5	80	7	17	27	11	SPGT 060204 ZCC UCUNA UYGUNDUR. FOR ZCC INSERT. Kompatibel mit ZCC-Wendeschneidplatten	3007-M2.2x5	80-T07
ASDM-SPGT06-D100x7-d32-Z12	●	12	6	100	7	25	32	11			
ASDM-SPGT06-D125x7-d40-Z14	●	14	7	125	7	35	40	11			
ASDM-SPGT06-D160x7-d40-Z16	●	16	8	160	7	52	40	11			
ASDM-SPGT06-D200x7-d40-Z18	●	18	9	200	7	70	40	11			

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

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

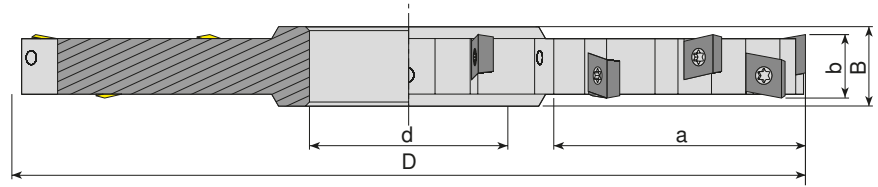
Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück ASDM-SPGT05-D80x6-d27-Z10

Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321







**Takım Kodu**  
**Ordering Code**  
**Bestell-Bezeichnung**

Stok  
Stock  
Lager

Takım Ölçüleri (mm)  
Dimension (mm)  
Abmessung (mm)

Kesici Uç  
Insert  
Wendeschneidplatte

Yedek Parçaları / Spare Parts / Ersatzteile

Sıkma Vidası  
Screw  
Schraube

Tork Anahtar  
Torx Key  
Torx-Schlüssel

Z  
Toplam  
Total  
Gesamt

Etkil  
Effective  
Effektiv

D

b

a

d

B



ASDM-CC06-D80x8-d27-Z10	●	10	5	80	8	17	27	12	CC.. 0602.. ISO UCUNA UYGUNDUR. FOR ISO INSERT. Kompatibel mit ISO Wendepaletten	3008-M2.5x6	80-T08
ASDM-CC06-D100x8-d32-Z12	●	12	6	100	8	25	32	12			
ASDM-CC06-D125x8-d40-Z14	●	14	7	125	8	35	40	12			
ASDM-CC06-D160x8-d40-Z16	●	16	8	160	8	52	40	12			
ASDM-CC06-D200x8-d40-Z18	●	18	9	200	8	70	40	12			
ASDM-CC06-D80x10-d27-Z10	●	10	5	80	10	17	27	14			
ASDM-CC06-D100x10-d32-Z12	●	12	6	100	10	25	32	14			
ASDM-CC06-D125x10-d40-Z14	●	14	7	125	10	35	40	14			
ASDM-CC06-D160x10-d40-Z16	●	16	8	160	10	52	40	14			
ASDM-CC06-D200x10-d40-Z18	●	18	9	200	10	70	40	14			
ASDM-CC09-D80x12-d27-Z08	●	8	4	80	12	17	27	16	CC.. 09T3.. ISO UCUNA UYGUNDUR. FOR ISO INSERT. Kompatibel mit ISO Wendepaletten	4015-M3.5x11	80-T15
ASDM-CC09-D100x12-d32-Z10	●	10	5	100	12	25	32	16			
ASDM-CC09-D125x12-d40-Z12	●	12	6	125	12	35	40	16			
ASDM-CC09-D160x12-d40-Z14	●	14	7	160	12	52	40	16			
ASDM-CC09-D200x12-d40-Z16	●	16	8	200	12	70	40	16			
ASDM-CC09-D80x14-d27-Z08	●	8	4	80	14	17	27	18			
ASDM-CC09-D100x14-d32-Z10	●	10	5	100	14	25	32	18			
ASDM-CC09-D125x14-d40-Z12	●	12	6	125	14	35	40	18			
ASDM-CC09-D160x14-d40-Z14	●	14	7	160	14	52	40	18			
ASDM-CC09-D200x14-d40-Z16	●	16	8	200	14	70	40	18			
ASDM-CC12-D80x16-d27-Z06	●	6	3	80	16	17	27	20	CC.. 1204.. ISO UCUNA UYGUNDUR. FOR ISO INSERT. Kompatibel mit ISO Wendepaletten	1020-M5x11	80-T20
ASDM-CC12-D100x16-d32-Z08	●	8	4	100	16	25	32	20			
ASDM-CC12-D125x16-d40-Z10	●	10	5	125	16	35	40	20			
ASDM-CC12-D160x16-d40-Z12	●	12	6	160	16	52	40	20			
ASDM-CC12-D200x16-d40-Z14	●	14	7	200	16	70	40	20			
ASDM-CC12-D80x18-d27-Z06	●	6	3	80	18	17	27	22			
ASDM-CC12-D100x18-d32-Z08	●	8	4	100	18	25	32	22			
ASDM-CC12-D125x18-d40-Z10	●	10	5	125	18	35	40	22			
ASDM-CC12-D160x18-d40-Z12	●	12	6	160	18	52	40	22			
ASDM-CC12-D200x18-d40-Z14	●	14	7	200	18	70	40	22			
ASDM-CC12-D250x18-d40-Z16	●	16	8	250	18	90	40	22			
ASDM-CC12-D80x20-d27-Z06	●	6	3	80	20	17	27	24			
ASDM-CC12-D100x20-d32-Z08	●	8	4	100	20	25	32	24			
ASDM-CC12-D125x20-d40-Z10	●	10	5	125	20	35	40	24			
ASDM-CC12-D160x20-d40-Z12	●	12	6	160	20	52	40	24			
ASDM-CC12-D200x20-d40-Z14	●	14	7	200	20	70	40	24			
ASDM-CC12-D250x20-d40-Z16	●	16	8	250	20	90	40	24			

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

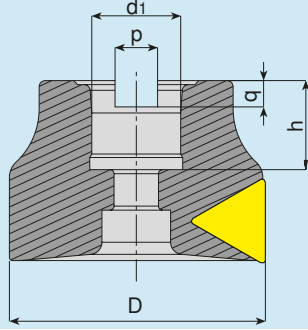
● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage

Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück ASDM-CC06-D80x8-d27-Z10

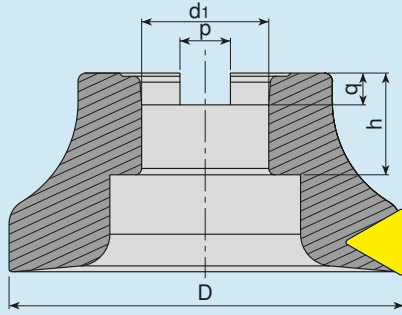
Kesme Hesabı : S 321 / Cutting Calculation : P 321 / Schnittberechnung : 321

A TIP / A TYPE / A-Typ



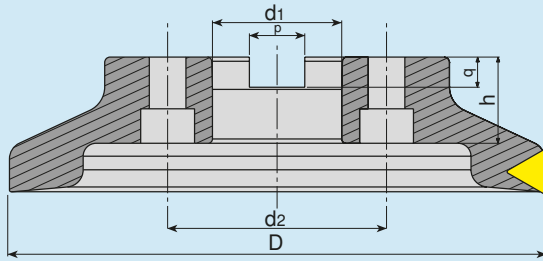
D	d1	d2	p	q	h
40	16	-	8.4	5.6	20
50	22	-	10.4	6.3	22
63	22	-	10.4	6.3	22
80	27	-	12.4	7	25
100	32	-	14.4	8	26

B TIP / B TYPE / B-Typ



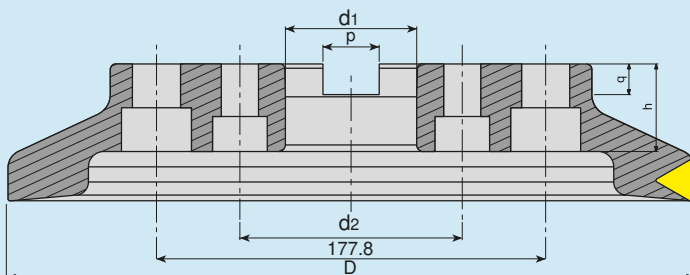
D	d1	d2	p	q	h
125	40	-	16.4	9	32

C TIP / C TYPE / C-Typ



D	d1	d2	p	q	h
160	40	66.7	16.4	9	32
200	60	101.6	25.7	14	40
250	60	101.6	25.7	14	40

D TIP / D TYPE / D-Typ



D	d1	d2	p	q	h
315	60	101.6	25.7	14	40

## TAKMA UÇLU MATKAP (U-DRILL) KULLANMA KILAVUZU

Matkabınızı CNC torna tezgahına bağlamadan önce taretin merkezden kaçık olup olmadığını kontrol etmeniz gerekir. Şayet taretinizde kaçıklık varsa, takma uçlu matkabınızı kesinlikle kullanmayınız. Taretin düzeltilmesi için yapılması gereken işlemler ;

1. Taretin tutucusuna kullanacağınız takma uçlu matkabın çapında ve boyunda üzeri hassas olan silindirik bir parça bağlanır ve tazgahın X değeri sıfıra getirilir.
2. Tezgahın aynasına mıknatıslı komprotör saati yerleştirilir. Saatin uç kısmı tarete bağlanmış olduğumuz parçanın üstüne temas ettirilir.
3. Aynanın üzerine bağlanmış olduğumuz mıknatıslı komprotör ayna ile beraber 360 derece döndürülerek saatteki değişim oranına göre taretin sıfırlanması sağlanır.

## TAKMA UÇLU MATKABINIZI CNC TORNANIZDA DAHA VERİMLİ KULLANMANIZ İÇİN GEREKLİ OLAN KESME HIZLARI ve DEVİRLERİ :

Grup No.	Malzemenin Cinsi	Malzemenin Öz.	Kesme Hızı Vc (m/dk)
1	Çok Yumuşak İş Çelikleri	C1010, Otomat vb.	220
2	İmalat Çelik ve Döküm Malz.	C1030 - 106 vb.	200
3	Takım ve İmalat Çeşitleri	CK-45, 4140, 7131 vb.	170
4	Sıcak İş ve Paslanmaz Çelikler	İmpaks vb.	150

Devir hesabı yapabilmek için önce malzemeyi seçiniz. Seçtiğiniz malzemenin kesme hızını (Vc) 1000 ile çarpıp 3.14'e bölmeliyiz. Çıkan değeri matkap çapına bölmeliyiz. **ÖRNEK** : Malzememiz takım ve imalat çeliği (3. grup), matkap çapı 25 mm kesme hızı 170 ise  $170 \times 1000 = 170000 / 3.14 = 54140$ ,  $54140 / 25 = 2166$  devir çıkar (Tezgahın İş Mili Devri). Tezgahın ilerlemesi kullanacağınız uç ile de alakalı olup 0.05 ile 0.10 arasında değişim gösterir. Kullanıcı kesici ucun kesişine göre bunu ayarlar.

## İŞLEME MERKEZLERİ İÇİN İLERLEME HESABI :

Yukarıdaki hesaplamalarla bulmuş olduğunuz 2166 iş mili devrini, kesici uç ilerlemesi (mm/devir) 0.05 ile 0.10 arasındaki ilerleme seçenekleri ile çarpılır. **ÖRNEK 1** :  $2166 \times 0.05 = 108$  **ÖRNEK 2** :  $2166 \times 0.10 = 217$  çıkan sonuçlar 108 ve 217 işleme merkezleri için ilerleme mm/dakika hesabıdır.

Not: D4 ve üzeri takma uçlu matkaplarda tezgahın içten su verme basıncının en az 6 bar olması gerekmektedir.

## USER'S GUIDE FOR AKKO U-DRILLS

Before connecting your U-Drill to CNC lathe, you have to check if the turret is eccentric from the center or not. If there is any eccentricity in your turret, never use your U-Drill;

Processes that should be done to fix the turret :

1. A cylindrical part whose surface is precision and whose length and diameter is the same with the U-Drill that you will use, should be mounted to the holder of turret and X value of the lathe should be brought to zero ( 0 ).
2. Comparator should be mounted to chuck. The end of the comparator should be contacted ( touched ) to the surface of the part that we mounted on the turret.
3. The comparator that we mounted on the chuck should be turned 360-degree with the chuck and turret should be zeroed by that turning according to changing rate of comparator.

## CUTTING SPEED AND REVOLUTION THAT ARE NEEDED FOR USING ( RUNNING ) YOUR U-DRILLS MORE PRODUCTIVELY

Grup No.	Material	Material Type	Cutting Speed Vc ( m/m)
1	Non-alloy steel and free cutting steel	C1010. Automat etc.	220
2	Low alloy steel and cast steel	C1030 - 106 etc.	200
3	Alloy steel and tool steel	CK-45, 4140, 7131 etc.	170
4	Hot Work Steel and Stainless Steel	Impax etc.	150

P.S. : The cutting speed may be concerned with the type of the insert that you use.

Fistly, choose the material to make calculation of revolution. You should multiply the cutting speed (Vc) of the material that you chose by 1000 and divide by 3.14. You should divide the value that you found by the diameter of U-Drill. For Example : If our material is alloy steel and tool steel ( 3rd group ), diameter of the U-Drill is 25 mm, cutting speed is 170, we should calculate as following;  $170 \times 1000 = 170000 / 3.14 = 54140$ ,  $54140 / 25 = 2166$  rpm is the result that we found ( Spindle Speed ) Feed rate of the lathe is concerned with the U-Drill that you will use and changes between 0.05 and 0.10. The user sets it according to cut of cutting insert.

## FEED CALCULATION FOR CENTRAL MACHINE :

2166 spindle speed, that we found as a result of above mentioned calculation, should be multiplied by cutting insert feed ( mm/r ) between 0.05 and 0.10 feed choisses. Example 1 :  $2166 \times 0.05 = 108$

Example 2 :  $2166 \times 0.10 = 217$  The results 108 and 217 are the feed mm/m calculation for central machine.

Note: Cooling water pressure of lathe must be minimum 6 bar for our D4 u-drills and u-drills longer than D4.

## GEBRAUCHSANLEITUNG FÜR AKKO-VOLLBOHRER

Bevor Sie den Vollbohrer auf die Drehmaschine montieren, prüfen Sie bitte ob der Revolverkopf zentrisch sitzt. Sollte der Revolverkopf aus der Mitte stehen, benutzen Sie den Vollbohrer bitte nicht. Auf folgende Weise können Sie den Revolverkopf zentrieren:

1. Setzen Sie ein präzises Drehteil, das die gleiche Länge und den gleichen Durchmesser hat wie der eingesetzte Vollbohrer, in den Halter vom Revolverkopf und justieren Sie den X-Wert der Drehmaschine auf null.
2. Setzen Sie bitte einen Messtaster in das Spannfutter ein. Der Fühler des Messtasters sollte mit der Oberfläche des Präzisionsteils im Revolver Kontakt haben.
3. Drehen Sie nun das Spannfutter mit dem Messtaster um 360°. Die angezeigte Abweichung zwischen Futter und Revolver sollte null betragen.

### SCHNITTGESCHWINDIGKEIT UND DREHZAHL UM DIE VOLLBOHRER WIRTSCHAFTLICH EINZUSETZEN

Hauptgruppe	Hauptgruppe	Materialbezeichnung	Schnittgeschwindigkeit vc (m/min.)
1	Nicht Legierter Stahl und Automatenstahl	C1010. Automatenstahl	220
2	Niedrig Legierter Stahl und Stahlguss	C1030 - 106 vb.	200
3	Legierter Stahl und Werkzeugstahl	CK-45, 4140, 7131 vb.	170
4	Warmarbeitsstahl und Rostfreier Stahl	Impax und weitere Chrom-Nickel-Stähle	150

P.S.: Die genaue Schnittgeschwindigkeit hängt von der verwendeten Wendeschneidplatte ab. In Abhängigkeit vom Material wählen Sie die Schnittgeschwindigkeit vc. Diesen Wert multiplizieren Sie mit 1000 und teilen ihn durch 3,14 und den Durchmesser des Werkzeugs (in mm).

Beispiel: Rostfreier Stahl (Hauptgruppe 3), Werkzeugdurchmesser 25 mm, Schnittgeschwindigkeit vc=170 m/min. Die Berechnung sieht wie folgt aus:  $170 \times 1000 = 170000 / 3,14 = 54140 / 25 = 2166$  U/min. (Spindeldrehzahl). Der Vorschub der Maschine hängt vom Vollbohrer und der verwendeten Wendeschneidplatte ab und variiert zwischen 0,05 mm und 0,1 mm / Umdrehung.

### VORSCHRUBBERECHNUNG :

Die oben berechnete Spindeldrehzahl von 2166 wird mit dem Vorschub 0,05 mm und 0,1 mm multipliziert.  $2166 \text{ Umdr./min.} \times 0,05 \text{ mm/Umdr.} = 108 \text{ mm/min.}$   $2166 \text{ Umdr./min.} \times 0,1 \text{ mm/Umdr.} = 216 \text{ mm/min.}$  D.h. der Vorschub liegt zwischen 108 mm/min. und 216 mm/min. Hinweis: Der Kühlmitteldruck muss mindestens 6 bar betragen für die Vollbohrer mit  $\geq 4xD$

## SIKMA TORKU TAVSİYELERİ - RECOMMENDED TIGHTENING TORQUE EMPFOHLENES ANZUGSMOMENT

- Takımı Sıkmadan Önce Aşağıdaki Bilgileri Okuyunuz.  
*Read below information before tightening the tool.*  
*Bitte lesen Sie die nachfolgenden Informationen bevor Sie das Werkzeug spannen.*
- Vidalı Takımın Vida Ölçüsü ile Tutucunun İç Vida Ölçüsünü Sıkmadan Önce Kontrol Ediniz.  
*Check screw set's the screw size and together with mounting arbor inner dimension of screws.*  
*Prüfen Sie, ob das Gewinde vom Werkzeug mit dem Gewinde in der Verlängerung identisch ist.*
- Takımı Tutucuya Sıkarken Tablodaki İlgili Değerlere Göre İşlem Yapınız.  
*When tightening head to an arbor, follow the related tightening torque in the table.*  
*Wenn Sie den Einschraubfräser festziehen, beachten Sie bitte die angegebenen Anzugsmomente.*

Vida Screw Schraube	Tork Torque (N.m) Anzugsmoment (N.m)
M6	8
M8	23
M10	46
M12	80
M16	90



## FREZELEME İŞLEMİNDE DEVİR ve İLERLEME HESABI

Vc.	S	D	F	Z	fz	FORMÜLLER
Kesme Hızı (Uç Kutusunun Arkasından Okuyunuz)	İş Mili Devir Sayısı	Tarama Kafası Çapı	İlerleme	Tarama Kafası Ağız Sayısı	Diş Başına Düşen İlerleme Miktarı (Uç Kutusunun Arkasından Okuyunuz)	Devir Hesabı : $S=(Vc \times 1000) / (3,14 \times D)$ İlerleme Hesabı : $F=S \times Z \times fz$

**Örnek :** D=50 mm çapında, Z=5 ağızlı tarama kafası ile frezeleme yapacağız. Kesici uç kutusunun arkasında kesme hızı Vc=200m/dk. olarak verilmiş olsun. Tezgaha girilecek devri hesaplayalım: **Vc=200 m/dk. D=50 mm S =** Öncelikle Kesme Hızı 1000 ile çarpılır, çıkan sonuç 3,14 sayısına bölünür, buradan çıkan sonuç da tarama kafası çapına bölünür.

$S=200 \times 1000 = 200000 \rightarrow 200000/3,14=63663 \rightarrow 63663/50=1273$  devir **S=1273 dev/dakika** devri bulduktan sonra ilerlemeyi bulalım: **Z=5** ağızlı tarama kafası olsun **fz=0,12** olarak uç kutusunun arkasından okunmuş olsun F= yukarıda bulmuş olduğumuz devir sayısı ile ağız sayısı çarpılır, çıkan sonuç diş başına düşen ilerleme miktarı ile çarpılır.

$F=1273 \times 5 = 6365 \rightarrow 6365 \times 0,12 = 763$   $F=763$  mm/dakika

Tezgaha girilecek olan devir = S 1273 Tezgaha girilecek olan ilerleme : **F 763 ortalama değerdir.**

**Not:** Vc ve fz değerlerinin uç kutusunun arkasında verilmiş olması gerekir. Eğer bu değerler uç kutusunun üzerinde yoksa, kesici ucun katalogundan bulunuz. İşleyeceğiniz malzeme çelik ise P, paslanmaz çelik ise M, dökme demir ise K bölümünde yazılı olan Vc ve fz değerlerini okuyun.

## CALCULATING SPINDLE SPEED and FEED RATE FOR MILLING PROCESS

Vc.	S	D	F	Z	fz	FORMULAS
Cutting Speed (Please read from the back- side of cutting insert box)	Spindle Revolution rpm	Milling Tool Diameter	Feed Rate	Number of Effective Tooth	Feed Per Tooth (Please Read From The Back Side of Cutting Insert Box)	Calculation of Revolution : $S=(Vc \times 1000) / (3,14 \times D)$ Feed Rate Calculation : $F=S \times Z \times fz$

For Example : We will make milling with milling tool whose diameter is D 50 mm, whose teeth number is Z=5. The spindle revolution was written as Vc=200m/mn at the back side of cutting insert box. Let's calculate the revolution that should be entered to the milling machine : Vc=200 m/mn D=50 mm  
S = Firstly Cutting Speed is multiplied with 1000, the result should be divided by 3.14 , the last result should be divided by diameter of milling tool.

$S = 200 \times 1000 = 200000 \rightarrow 200000/3,14 = 63663 \rightarrow 63663/50 = 1273$  rev  $S=1273$  rev / mn

After finding spindle revolution, let's find feed rate : milling tool with Z=5 teeth and we read fz=0,12 from the back side of cutting insert box.

F = Tooth number should be multiplied with revolution, the result should be multiplied with feed per tooth.

$F = 1273 \times 5 = 6365 \rightarrow 6365 \times 0,12 = 763$   $F = 763$  mm / mn

Revolution that should be entered to the milling machine = S 1273 Feed Rate that should be entered to the milling machine = F 763 average value.

P.S : The values Vc and fz has to be written at the back side of the cutting insert. If these values were not written on the cutting insert box, please find them from cutting insert catalogue. If the material that you will work is steel, please read Vc and fz values that were written on the part P, if it is stainless steel please read from the part M, if it is cast iron please read from the part K.

## BERECHNUNG VON DREHZAHL UND VORSCHUB FÜR FRÄSWERKZEUGE

Vc.	S	D	F	Z	fz	Formeln
Schnittgeschwindigkeit (finden Sie z.B. auf der Verpackung der Wendeschneidplatte)	Spindel Drehzahl	Fräswerkzeug Durchmesser	Vorschubgeschwindigkeit	Anzahl der effektiven Zähne	Vorschub pro Zahn (finden Sie z.B. auf der Verpackung der Wendeschneidplatte)	Berechnung der Drehzahl: $n=(vc \times 1000) / (3,14 \times D)$ Vorschubberechnung: $F=n \times Z \times fz$

Beispiel: Fräswerkzeug mit D=50 mm und Z=5. Schnittgeschwindigkeit vc=200 m/min. (laut Wendeschneidplattenverpackung).

Berechnung der Drehzahl:  $n=200 \text{ m/min.} \times 1000 = 200000 / 3,14=63694 / 50 \text{ mm} = 1273$  Umdr./min.

Berechnung des Vorschubs: Ermittlung von fz (finden Sie z.B. auf der Verpackung der Wendeschneidplatte), für das Berechnungsbeispiel  $fz=0,12$  mm  $F = n \times Z \times fz = 1273 \times 5 \times 0,12 = 763$  mm/min. D.h., Sie stellen an der Maschine folgende Werte ein: Drehzahl n = 1273 Umdr./min., Vorschub F = 763 mm/min.

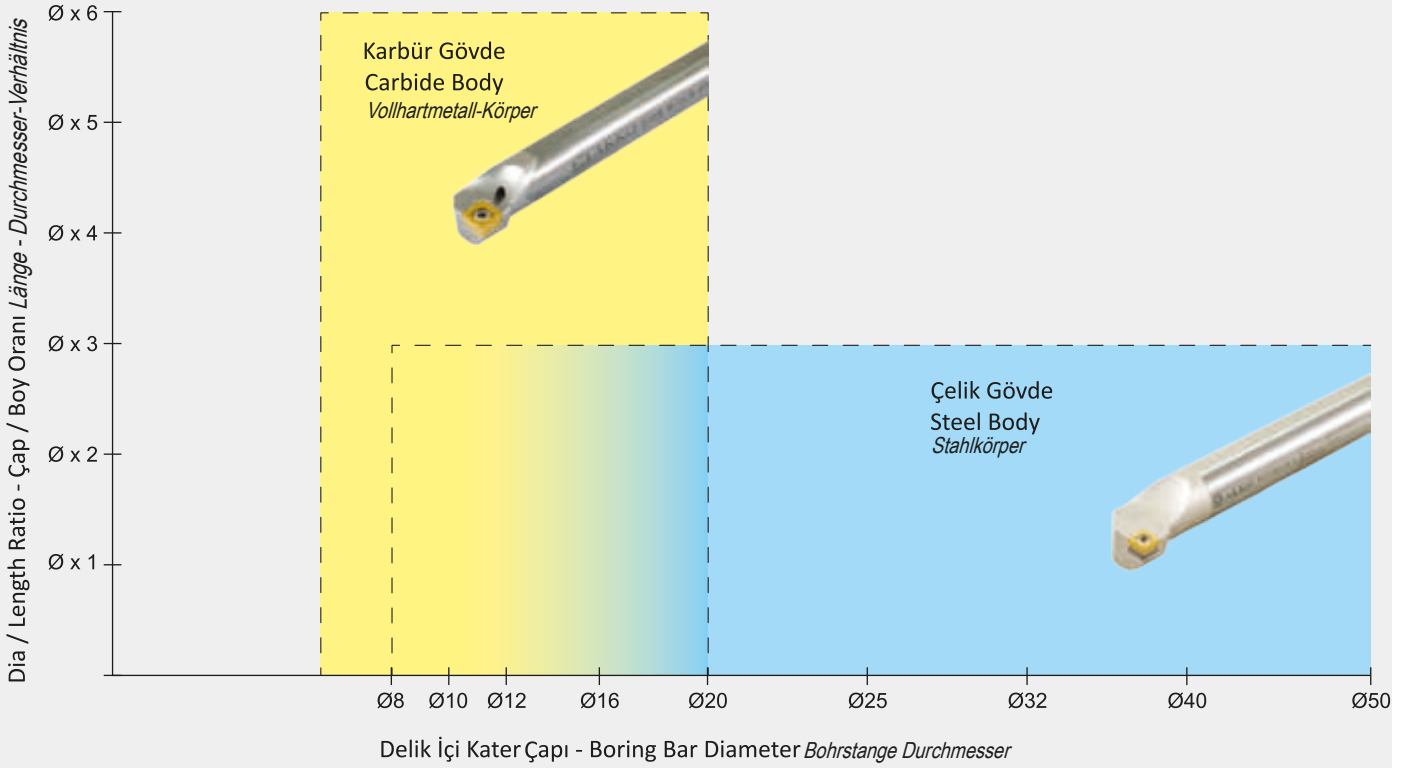
P.S.: Die Werte für vc und fz finden Sie auf der Rückseite der Wendeschneidplattenverpackung. Sollten diese Werte dort nicht stehen, können Sie diese auch im Wendeschneidplattenkatalog finden. Für Stahl wählen Sie für vc und fz bitte die Werte aus dem Bereich P, für rostfreien Stahl aus dem Bereich M und für Guss aus dem Bereich K.



## Gövde Malzemesine Göre Delik İçi Kater Uygulama Kılavuzu

### Internal Boring Bars Application Guide, Related to Body Material

#### Anwendungshinweise für Bohrstangen, abhängig vom Bohrstangen-Material



## T Kanal Freze Kullanım ve Ön Hazırlama Kılavuzu

### Application Guide For T-Slot Milling

#### Anwendungshinweise für T-Nutenfräser

T kanal frezelemede talaşın rahat boşaltılması için iş parçası resimde gösterildiği şekilde işlenmelidir.

Örnek: ATSM90-CC06- D32X10-W25- L100-Z04 kodlu T freze ile kanal açmadan önce, takımın boğazının çalışacağı kısmın parmak freze ile işlenmesi gerekir. Bu durumda kanalın tamamen işlenmesi çok yanlıştır. Tabanda ( $0.8 \times b = 0.8 \times 10$ ) 8mm işlenmeden bırakılmalıdır. Bu bölgeyi T frezenin işlemesi, takımın daha sağlıklı çalışması açısından gereklidir.

İşlenen kanallarda yumuşak kesim için talaşlar uzaklaştırılmış olmalıdır.

When T slot machining steel, the workpiece must be machined as shown in the drawing to ensure smooth chip evacuation.

Example: Before slotting with the T - slot milling cutter - code ATSM90-CC06-D32X10-W25-L100-Z04,

The area of the neck of the tools to be worked and must be machined by End-Mill.

In this case, it is very wrong to machining the slot completely.

Bottom area ( $0.8 \times b = 0.8 \times 10$ ) should be left 8 mm without machining.

This area's operation must be machined by the T- slot milling cutter which is also necessary for the healthier work of the tool holder.

Slots to be machined must be free from chips for smooth machining.

Beim Einsatz von T-Nutenfräsern muss das Werkstück so bearbeitet werden wie es in der Zeichnung dargestellt ist, um einen problemlosen Spänetransport zu gewährleisten.

Beispiel: Einsatz des T-Nutenfräasers ATSM90-CC06-D32X10-W25-L100-Z04

Die Aussparung für den Halsbereich des T-Nutenfräasers muss mit einem Schafffräser vorgearbeitet werden. Bitte beachten Sie dabei, dass die Aussparung nicht komplett bis auf den Grund gefräst wird, sondern eine Bodenstärke von  $0,8 \times b$  (im Beispiel  $0,8 \times 10 \text{ mm} = 8 \text{ mm}$ ) im Werkstück verbleibt.

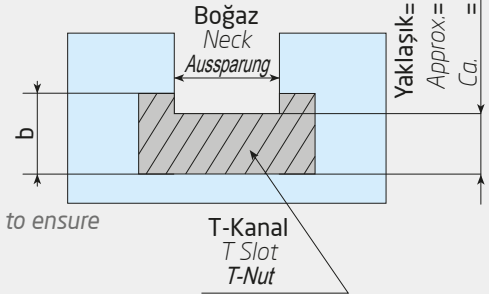
Dieser Bereich soll mit dem T-Nutenfräser bearbeitet werden, da dies für die Stabilität und Standzeit des Werkzeugs besser ist.

In der zu bearbeitenden Nut sollten keine Späne mehr vorhanden sei.

### KULLANIM İÇİN UYARI

#### CAUTION FOR USE

#### Bitte beachten Sie!



**α = 5 Kat Dayanıklılık****α = 5 Times Long Life****α = 5-Fache Standzeit**

## Alfa Kaplamanın Avantajları

Alpha Coating  
Advantages

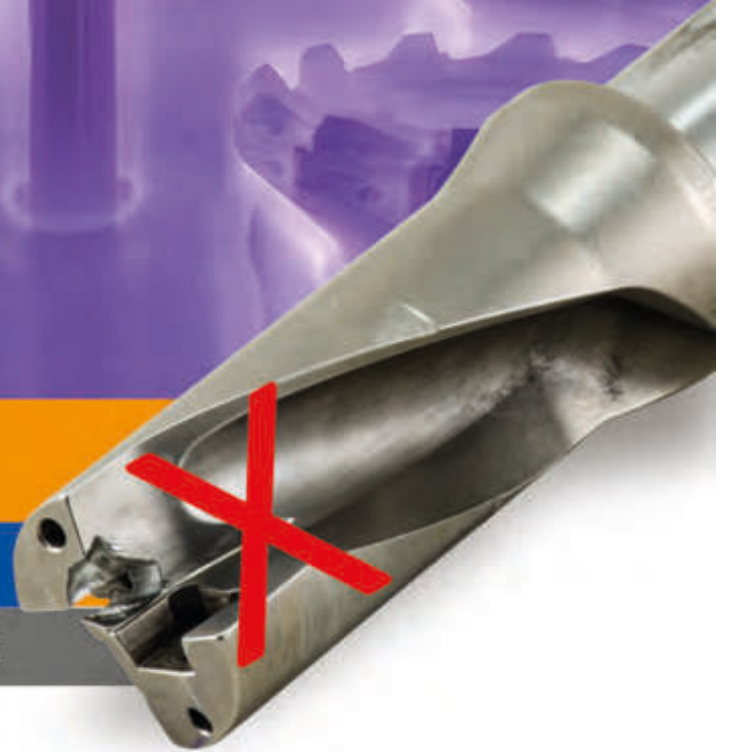
Vorteile der  
Alpha-Beschichtung

- **Yüksek aşınma direnci**  
High resistance to abrasion  
Hoher Verschleißschutz
- **Yüksek yüzey sertliği**  
**750-800 Vickers**  
High surface hardness  
750-800 Vickers  
Hohe Oberflächenhärte von  
750-800 HV
- **Temperlemeye karşı yüksek direnç**  
High resistance to tempering  
Hoher Temperaturwiderstand
- **Yüksek yorulma mukavemeti**  
High fatigue strength  
Hohe Dauerfestigkeit
- **Yüksek çizik ve çentik direnci**  
High scratch and impact resistance  
Hoher Kratz- und Stoß-Widerstand
- **Paslanmaz olmayan çelikler için daha yüksek korozyon direnci**  
Resistant to corrosion of  
non-stainless steel  
Korrosionsschutz

takımınız neden  
**daha uzun ömürlü**  
olmasın?...

**longer tool life...**

**längere Werkzeug-Standzeit**



**α Çevre Dostudur. α is friend of environment.**  
**α ist umweltfreundlich.**

**İnsan sağlığı açısından zararlı değildir. Is not harmful to human health.**  
**Nicht gesundheitsschädlich.**

**Gaz ve diğer atıkları çevreyi kirletmez. Gas and other wastes will not pollute the environment.**  
**Umweltverträgliches Beschichtungsverfahren.**

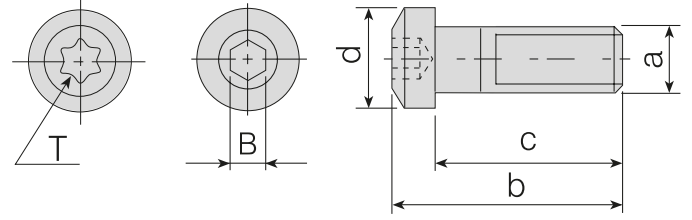
ALTLIKLAR / SHIMS / UNTERLAGE

ÜRÜN RESMİ/PICTURE BILD	ÜRÜN KODU/CODE BEZEICHNUNG	ÜRÜN DETAYI / PRODUCT DETAIL PRODUKTBESCHREIBUNG
	<b>AATN-2-0001</b>	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM
	<b>AATN-2-0002</b>	T-M SİSTEM için / For T-M SYSTEM / FÜR T-M-SYSTEM
	<b>AATN-3-0025</b>	P-SİSTEM için / For P-SYSTEM / FÜR P-SYSTEM
	<b>AATN-3-0015</b>	T-M-P SİSTEM için / For T-M SYSTEM / FÜR T-M-P-SYSTEM
	<b>AATN-2-0020</b>	DİŞ VİDA 16 ALTLIK / For THREADING 16 SHIM / GEWINDE 16 UNTERLAGE
	<b>AATN-2-0004</b>	DİŞ VİDA 22 ALTLIK / For THREADING 22 SHIM / GEWINDE 22 UNTERLAGE
	<b>ATS-16E</b>	DİŞ VİDA 16, DİŞ ÇAP SAĞ - DELİK İÇİ SOL ALTLIK / For THREADING SYSTEM 16 SHIM, EXTERNAL RIGHT-INTERNAL LEFT / FÜR 16 ER-GEWINDEPLATTE, EXTERN RECHTS - INTERN LINKS
	<b>ATS-16I</b>	DİŞ VİDA 16, DİŞ ÇAP SOL - DELİK İÇİ SAĞ ALTLIK / For THREADING SYSTEM 16 SHIM, EXTERNAL LEFT-INTERNAL RIGHT / FÜR 16 ER-GEWINDEPLATTE, EXTERN LINKS - INTERN RECHTS
	<b>ATS-22E</b>	DİŞ VİDA 22, DİŞ ÇAP SAĞ - DELİK İÇİ SOL ALTLIK / For THREADING SYSTEM 22 SHIM, EXTERNAL RIGHT-INTERNAL LEFT / FÜR 22 ER-GEWINDEPLATTE, EXTERN RECHTS - INTERN LINKS
	<b>ATS-22I</b>	DİŞ VİDA 22, DİŞ ÇAP SOL - DELİK İÇİ SAĞ ALTLIK / For THREADING SYSTEM 22 SHIM, EXTERNAL LEFT-INTERNAL RIGHT / FÜR 22 ER-GEWINDEPLATTE, EXTERN LINKS - INTERN RECHTS
	<b>ATS-27E</b>	DİŞ VİDA 27, DİŞ ÇAP SAĞ - DELİK İÇİ SOL ALTLIK / For THREADING SYSTEM 27 SHIM, EXTERNAL RIGHT-INTERNAL LEFT / FÜR 27 ER-GEWINDEPLATTE, EXTERN RECHTS - INTERN LINKS
	<b>ATS-27I</b>	DİŞ VİDA 27, DİŞ ÇAP SOL - DELİK İÇİ SAĞ ALTLIK / For THREADING SYSTEM 27 SHIM, EXTERNAL LEFT-INTERNAL RIGHT / FÜR 27 ER-GEWINDEPLATTE, EXTERN LINKS - INTERN RECHTS
	<b>AACN-2-0001</b>	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM
	<b>AACN-2-0002</b>	T-SİSTEM için / For T-SYSTEM / FÜR T-T-SYSTEM
	<b>AACN-2-0003</b>	P-SİSTEM için / For P-SYSTEM / FÜR P-SYSTEM
	<b>AACN-3-0001</b>	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM
	<b>AACN-3-0002</b>	T-M-P SİSTEM için / For T-M-P SYSTEM / FÜR T-M-P-SYSTEM
	<b>AACN-3-0003</b>	C-SİSTEM için / For C-SYSTEM / FÜR C-SYSTEM
	<b>AACN-3-0002</b>	T-P SİSTEM için / For T-P SYSTEM / FÜR T-P-SYSTEM
	<b>AACN-3-0003</b>	T-P SİSTEM için / For T-P SYSTEM / FÜR T-P-SYSTEM
	<b>AAWN-2-0003</b>	T-M-P SİSTEM için / For T-M-P SYSTEM / FÜR T-M-P-SYSTEM
	<b>AAWN-3-0001</b>	T-M-P SİSTEM için / For T-M-P SYSTEM / FÜR T-M-P-SYSTEM
	<b>AAWN-SW317</b>	T-M-P SİSTEM için / For T-M-P SYSTEM / FÜR T-M-P-SYSTEM
	<b>AKS-16L</b>	C-SİSTEM için / For C-SYSTEM / FÜR C-SYSTEM
	<b>AKS-16R</b>	C-SİSTEM için / For C-SYSTEM / FÜR C-SYSTEM
	<b>AASD-3-0001</b>	S-SİSTEM FREZELEME için / For S-SYSTEM MILLING / S-SYSTEM FÜR FRÄSER
	<b>AASE-3-0001</b>	S-SİSTEM FREZELEME için / For S-SYSTEM MILLING / S-SYSTEM FÜR FRÄSER
	<b>AASN-2-0001</b>	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM
	<b>AASN-2-0002</b>	P-SİSTEM için / For P-SYSTEM / FÜR P-SYSTEM
	<b>AASN-2-0004</b>	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM
	<b>AASN-3-0004</b>	T-P SİSTEM için / For T-P SYSTEM / FÜR T-P-SYSTEM
	<b>AASN-3-0004</b>	C-SİSTEM için / For C-SYSTEM / FÜR C-SYSTEM
	<b>AASN-3-0023</b>	T-P SİSTEM için / For T-P SYSTEM / FÜR T-P-SYSTEM
	<b>AASN-3-0005</b>	T-P SİSTEM için / For T-P SYSTEM / FÜR T-P-SYSTEM
	<b>AASN-3-0020</b>	T-P SİSTEM için / For T-P SYSTEM / FÜR T-P-SYSTEM
	<b>AASN-20020</b>	PSDNN KARTUŞ için / For PSDNN CARTRIDGE / FÜR PSDNN-KURZDREHHALTER
		<b>AADN-2-0001</b>
<b>AADN-SD317</b>		T-SİSTEM için / For T-SYSTEM / FÜR T-SYSTEM
<b>AADN-3-0001</b>		P-SİSTEM için / For P-SYSTEM / FÜR P-SYSTEM
<b>AADN-3-0001</b>		T-M-P SİSTEM için / For T-M-P SYSTEM / FÜR T-M-P-SYSTEM
<b>AADN-2-0003</b>		C-SİSTEM için / For C-SYSTEM / FÜR C-SYSTEM
	<b>AAVN-2-0002</b>	T-SİSTEM için / For T-SYSTEM / FÜR T-SYSTEM
	<b>AAVN-2-0002</b>	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM
	<b>AARC-3-0001</b>	T-SİSTEM için / For T-SYSTEM / FÜR T-SYSTEM
	<b>AARC-3-0002</b>	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM
	<b>AARC-3-0003</b>	C-SİSTEM için / For C-SYSTEM / FÜR C-SYSTEM

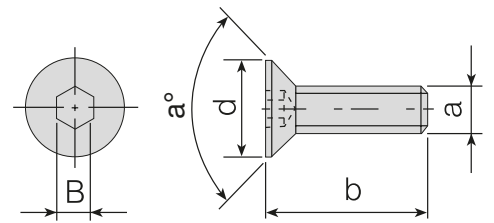


BASKI PABUÇLARI / CLAMPS / SPANNSPRATZE

ÜRÜN RESMİ/PICTURE BILD	ÜRÜN KODU/CODE BEZEICHNUNG	ÜRÜN DETAYI / PRODUCT DETAIL PRODUKTBESCHREIBUNG
	<b>ATK-01</b>	T-SİSTEM için / For T-SYSTEM / FÜR T-SYSTEM DNMG 11, WNMG 06, TNMG 16, CNMG 09 BASKI PABUCU / CLAMP / PRATZE
	<b>ATK-02</b>	T-SİSTEM için / For T-SYSTEM / FÜR T-SYSTEM CNMG 12, WNMG 08, TNMG 22, DNMG 15, SNMG 12 BASKI PABUCU / CLAMP / PRATZE
	<b>ATK-03</b>	T-SİSTEM için / For T-SYSTEM / FÜR T-SYSTEM VNMG 16 BASKI PABUCU / CLAMP / PRATZE
	<b>ATK-04</b>	T-SİSTEM için / For T-SYSTEM / FÜR T-SYSTEM CNMG 16, SNMG 15 BASKI PABUCU / CLAMP / PRATZE
	<b>AMK-01</b>	M-SİSTEM için / For M-SYSTEM / FÜR M-SYSTEM WNMG 06 BASKI PABUCU / CLAMP / PRATZE
	<b>AMK-02</b>	M-SİSTEM için / For M-SYSTEM / FÜR M-SYSTEM DELİK İÇİ / INTERN / INNEN Ø20 TNMG 16, Ø25 MT-NR/L 16 BASKI PABUCU / CLAMP / PRATZE
	<b>AMK-03</b>	M-SİSTEM için / For M-SYSTEM / FÜR M-SYSTEM DNMG 11, CNMG 12 BASKI PABUCU / CLAMP / PRATZE
	<b>AMK-04</b>	M-SİSTEM için / For M-SYSTEM / FÜR M-SYSTEM DNMG 15, TNMG 16-22 BASKI PABUCU / CLAMP / PRATZE
	<b>AMK-05</b>	M-SİSTEM için / For M-SYSTEM / FÜR M-SYSTEM WNMG 08 BASKI PABUCU / CLAMP / PRATZE
	<b>AMK-07</b>	M-SİSTEM için / For M-SYSTEM / FÜR M-SYSTEM S20R MCLNR/L BASKI PABUCU / CLAMP / PRATZE
	<b>ACK-01-R</b>	C-SİSTEM için / For C-SYSTEM / FÜR C-SYSTEM KNUX-R BASKI PABUCU / CLAMP / PRATZE
	<b>ACK-02-L</b>	C-SİSTEM için / For C-SYSTEM / FÜR C-SYSTEM KNUX-L BASKI PABUCU / CLAMP / PRATZE
	<b>ACK-03</b>	C-SİSTEM için / For C-SYSTEM / FÜR C-SYSTEM 154.91 DIŞ ÇAP ve DELİK İÇİ/EXTERNAL and INTERNAL/ AUßEN-DREHHALTER Ø25-Ø32 / PABUCU / CLAMP / PRATZE
	<b>ACK-04</b>	P-C-SİSTEM için / For P-C-SYSTEM / FÜR P-C-SYSTEM CTFPR KARTUŞ BASKI PABUCU / CARTRIDGE CLAMP / PRATZE FÜR KASSETTE
	<b>ACK-05</b>	P-C-SİSTEM için / For P-C-SYSTEM / FÜR P-C-SYSTEM FREZELEME ve DIŞ VIDA AÇMA TAKIMLARINA GÖRE İLAVE BASKI PABUCU ADDITIONAL LITTLE CLAMP for MILLING and THREADING CLAMP KLEINE ZUSATZKLEMME FÜR FRÄSER UND GEWINDEWERKZEUGE
	<b>ACK-06</b>	C-SİSTEM için / For C-SYSTEM / FÜR C-SYSTEM 154.91 DELİK İÇİ / INTERNAL / INNEN Ø16-Ø20 BASKI PABUCU / CLAMP / PRATZE
	<b>ACK-07</b>	C-SİSTEM için / For C-SYSTEM / FÜR C-SYSTEM SERAMİK CNGN, SNGN, DNGN YEDEK TAKIMI SPARE PART SET of CERAMIC CNGN, SNGN, DNGN ERSATZTEILSATZ FÜR KERAMIK CNGN, SNGN, DNGN
	<b>ACK-08</b>	C-SİSTEM için / For C-SYSTEM / FÜR C-SYSTEM SERAMİK TNGN, YEDEK TAKIMI SPARE PART SET of CERAMIC TNGN ERSATZTEILSATZ FÜR KERAMIK TNGN
	<b>ACK-09</b>	P-SİSTEM için / For P-SYSTEM / FÜR P-SYSTEM CNMG 16-19, SNMG 15-19 İLAVE BÜYÜK BASKI PABUCU ADDITIONAL BIG CLAMP / ZUSÄTZLICHE GROSSE KLEMME
	<b>ACK-10</b>	C-SİSTEM FREZELEME için / For C-SYSTEM MILLING C-SYSTEM FÜR FRÄSER SPKN 12, Ø50-Ø63 TPKN 16 BASKI PABUCU / CLAMP / PRATZE (M8x8)
	<b>ACK-11</b>	C-SİSTEM FREZELEME için / For C-SYSTEM MILLING C-SYSTEM FÜR FRÄSER Ø80-Ø100 TPKN 16-TPKN 22, OFKR 07, HNMX 09 BASKI PABUCU / CLAMP / PRATZE (M8x10)
	<b>ACK-12</b>	C-SİSTEM için / For C-SYSTEM / FÜR C-SYSTEM CTSPR KARTUŞ BASKI PABUCU / CARTRIDGE CLAMP PRATZE FÜR KASSETTE
	<b>ACK-15</b>	S-SİSTEM FREZELEME için / For S-SYSTEM MILLING S-SYSTEM FÜR FRÄSER RD.. 10-12 BASKI PABUCU / CLAMP / PRATZE
	<b>ACK-19</b>	S-SİSTEM FREZELEME için / For S-SYSTEM MILLING S-SYSTEM FÜR FRÄSER WD0805D BASKI PABUCU / CLAMP / PRATZE
	<b>ACK-23</b>	C-SİSTEM için / For C-SYSTEM / FÜR C-SYSTEM SERAMİK DNGN 11, YEDEK TAKIMI SPARE PART SET of CERAMIC DNGN 11 ERSATZTEILSATZ FÜR KERAMIK DNGN 11
	<b>ACK-24</b>	S-SİSTEM FREZELEME için / For S-SYSTEM MILLING S-SYSTEM FÜR FRÄSER XD0806D BASKI PABUCU / CLAMP / PRATZE
	<b>ACK-26</b>	C-SİSTEM için / For C-SYSTEM / FÜR C-SYSTEM XNMU 0806.. BASKI PABUCU / CLAMP / PRATZE
	<b>ACK-27</b>	C-SİSTEM için / For C-SYSTEM / FÜR C-SYSTEM RCGX 06 BASKI PABUCU / CLAMP / PRATZE
	<b>ACK-28</b>	C-SİSTEM için / For C-SYSTEM / FÜR C-SYSTEM RCGX 09 BASKI PABUCU / CLAMP / PRATZE
	<b>ACK-29</b>	C-SİSTEM için / For C-SYSTEM / FÜR C-SYSTEM RCGX 12 BASKI PABUCU / CLAMP / PRATZE

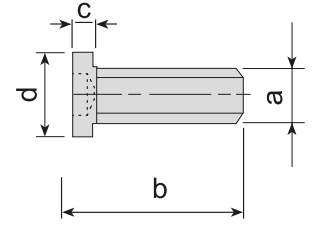
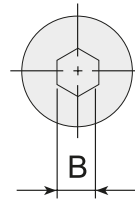


Takım Kodu Ordering Code Bestell-Bezeichnung	BASKI PABUÇ VIDALARI / CLAMP SCREWS / SCHRAUBEN FÜR PRATZEN					Ürün Detayı / Product Detail / Produkt-Details
	a (M)	b	c	d	B(T)	
AKV-01-M5X22	M5x0.8	25.1	22	11	3	T-SİSTEM için / For T-SYSTEM / FÜR T-SYSTEM DNMG 11, WNMG 06, TNMG 16
AKV-02-M6X22	M6x1.0	25.3	22	11	3	T-SİSTEM için / For T-SYSTEM / FÜR T-SYSTEM CNMG 12, WNMG 08, TNMG 22, DNMG 15, SNMG 12, VNMG 16
						M-SİSTEM için / For M-SYSTEM / FÜR M-SYSTEM TNMG 16, TNMG 22
AKV-03-M6X22	M6x1.0	25.3	22	10	3	M-SİSTEM için / For M-SYSTEM / FÜR M-SYSTEM WNMG 08
						KANAL KATERİ için / For EXTERNAL GROOVING FÜR STECHWERKZEUGE 2mm Dış Çap Kanal Kater Vidası / External Grooving Tools Screw 2 mm Schraube für Außen-Stechwerkzeuge
AKV-04-M5X17	M5x0.8	20	17	8.5	3	M-SİSTEM için / For M-SYSTEM / FÜR M-SYSTEM S20R MT-NR/L 16, S20R-S25S MWLN/R/L 06, S25S MDUNR/L 11-Dış Çap / External / AUßEN MWLN/R 06
AKV-05-M6X25	M6x1.0	29.5	25	13.8	4	T-SİSTEM için / For T-SYSTEM / FÜR T-SYSTEM Eski Ürün Vidası / Old Products Screws / Schraube für altes Produkt CNMG 16, SNMG 15
AKV-06-M6X20	M6x1.0	26.5	20	10.6	4	C-SİSTEM için / For C-SYSTEM / FÜR C-SYSTEM KNUX 16
AKV-07-M6X22	M6x1.0	23.5	22	8.5	3	C-SİSTEM için / For C-SYSTEM / FÜR C-SYSTEM ADKT-154.91, AIKT-154.91-R/L-32
AKV-10-M6X14	M6x1.0	16	14	8.8	4	C-SİSTEM için / For C-SYSTEM / FÜR C-SYSTEM AIKT-154.91-R/L-16, AIKT-154.91-R/L-20, AIKT-154.91-R/L-25
AKV-11-M8X29	M8x1.25	33.6	29	11	4	C-SİSTEM için / For C-SYSTEM / FÜR C-SYSTEM TNGN 16, CNGN 12, DNGN 15, SNGN 12
AKV-17-M5X15	M5x0.8	18	15	8.55	3	M-SİSTEM için / For M-SYSTEM / FÜR M-SYSTEM S16P MWLN/R/L 06
AKV-19-M7X25	M7x1.0	29.6	25	14	4	T-SİSTEM için / For T-SYSTEM / FÜR T-SYSTEM Yeni / New / Neu CNMG 16, SNMG 15
AKV-20-M6X19	M6x1.0	22	19	11	3	M-SİSTEM için / For M-SYSTEM / FÜR M-SYSTEM S25S MDUNR/L 15
AKV-21-M6X18	M6x1.0	20	18	8.5	3	C-SİSTEM için / For C-SYSTEM / FÜR C-SYSTEM AIKT-154.91-R/L-25
AKV-23-M4X10	M4x0.7	12.2	10	7.4	15	KARTUŞ için / For CARTRIDGE/ FÜR KASSETTE MONTAJ VIDASI / MOUNTING SCREW / BEFESTIGUNGSSCHRAUBE
AKV-27-M6X20	M6x1.0	23.3	20	10	3	M-SİSTEM için / For M-SYSTEM / FÜR M-SYSTEM S25S MWLN/R/L 08



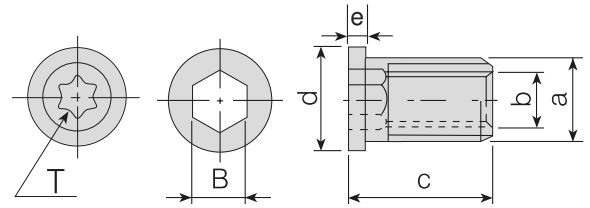
Takım Kodu Ordering Code Bestell-Bezeichnung	ALTLIK VIDALARI / SHIM SCREWS / SCHRAUBE FÜR UNTERLAGE					Ürün Detayı / Product Detail / Produkt-Details
	a (M)	b	d	B	a°	
AAV-01-M3x10	M3x0.5	10	5.9	2	90°	T-SİSTEM için / For T-SYSTEM / FÜR T-SYSTEM WNMG 06, KNUX 16
AAV-02-M5X12	M5x0.8	12	7	3	56°	T-SİSTEM için / For T-SYSTEM / FÜR T-SYSTEM CNMG 12, WNMG 08, TNMG 22, DNMG 15, SNMG 12
AAV-05-M6X15	M6x1.0	16	9	4	60°	T-SİSTEM için / For T-SYSTEM / FÜR T-SYSTEM CNMG 16, SNMG 15
AKV-12-M5X12	M5x0.8	12	7.8	3	90°	C-SİSTEM için / For C-SYSTEM / FÜR C-SYSTEM CTSPR Baskı Pabuç Vidası / Clamp Screw / Klemmschraube
AKV-16-M6X16	M6x1.0	16	10	4	76°	C-SİSTEM için / For C-SYSTEM / FÜR C-SYSTEM CTFPR 13CS 16 Baskı Pabuç Vidası / Clamp Screw / Klemmschraube
AAV-13-M5X8	M5x0.8	8	7	3	56°	T-SİSTEM için / For T-SYSTEM / FÜR T-SYSTEM S25S TSKNR/L 12, S25S TCLNR/L 12, S25S TWLNR/L 08, S25S TDUNR/L 15
AAV-14-M5X14	M5x0.8	14	8.8	3	45°	ADCR için / For ADCR / FÜR ADCR ADCR Montaj Vidası / Mounting Screw / ADCR BEFESTIGUNGSSCHRAUBE





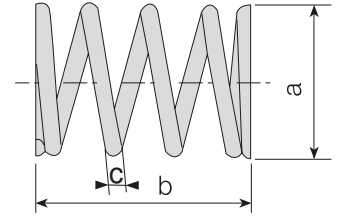
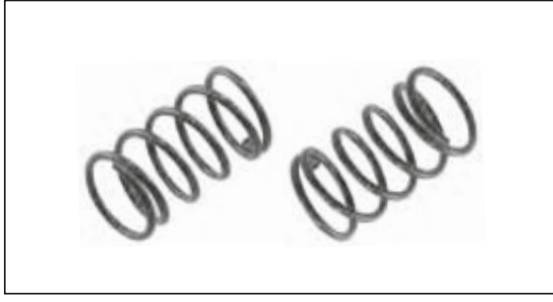
ALTİK VİDALARI / SHIM SCREWS / SCHRAUBE FÜR UNTERLAGE

Takım Kodu Ordering Code Bestell-Bezeichnung	a (M)	b	c	d	B	Ürün Detayı / Product Detail / Produkt-Details	
						T-SİSTEM için / For T-SYSTEM / FÜR T-SYSTEM	C-SİSTEM için / For C-SYSTEM / FÜR C-SYSTEM
AAV-03-M5X12	M5X0.8	12	1.4	6	3	T-SİSTEM için / For T-SYSTEM / FÜR T-SYSTEM	TNMG 16
						C-SİSTEM için / For C-SYSTEM / FÜR C-SYSTEM	TNGN 16
AAV-04-M5X12	M5X0.8	12	1.2	6.5	3	T-SİSTEM için / For T-SYSTEM / FÜR T-SYSTEM	VNMG 16, DNMG 11, CNMG 09
AAV-09-M5X9	M5X0.8	9	1.4	6	3	T-SİSTEM için / For T-SYSTEM / FÜR T-SYSTEM	S25S TCLNR/L 09, S25S TDUNR/L 11, S25S TDQNR/L 11

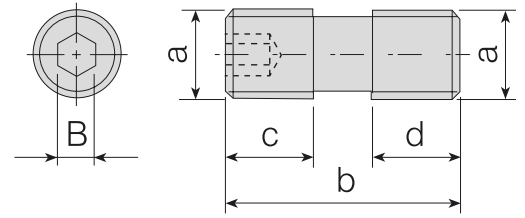


BUKSE VİDALAR / BUKSE SCREWS / SCHRAUBE FÜR UNTERLAGE

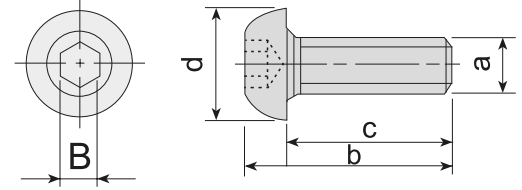
Takım Kodu Ordering Code Bestell-Bezeichnung	a (M)	b	c	d	B(T)	e	Ürün Detayı / Product Detail / Produkt-Details	
							S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM
AAV-06-M3.5X11	M5x0.5	M3.5x0.6	11.3	6	3.5	1.2	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM	CCMT 09, DCMT 11, VBMT 16, VCMT 16, TCMT 16, SCMT 09, 16 ER/L, 16 IR/L
AAV-07-M4.5X13	M6X0.75	M4.5X0.75	13	7.5	4.5	1.6	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM	CCMT 12, SCMT 12, 22 ER/L, 22 IR/L
AAV-08-M3.5X8	M5X0.5	M3.5x0.6	8	6	20	1.2	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM	Ø25 DCMT 11, Ø25-Ø32 CCMT 09, Ø25 TCMT 16, S25S-S32T SVJBR/L 16,
AAV-10-M4.5X8	M6X0.75	M4.5X0.75	8	7.5	4.5	1.05	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM	Ø25-Ø32 CCMT 12, Ø25-Ø32 SCMT 12, SSDCN 1616 H12, SSSCR/L 1616 H12, SIR/L S25R 22
AAV-16-M3.5X8	M5X0.5	M3.5x0.6	8	6	20	1.1	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM	SEMT 13



BASKI YAYI / CLAMP SPRING / FEDER FÜR KLEMME						
Takım Kodu Ordering Code Bestell-Bezeichnung	a	b	c	Ürün Detayı / Product Detail / Produkt-Details		
				AKY-01	7.7	11.2
AKY-02	8.5	13.5	0.7	C-SİSTEM için / For C-SYSTEM / FÜR C-SYSTEM	KNUX 16	



BASKI PABUÇ VİDALARI / CLAMP SCREWS / SCHRAUBEN FÜR PRATZEN							
Takım Kodu Ordering Code Bestell-Bezeichnung	a (M)	b	c	d	B	Ürün Detayı / Product Detail / Produkt-Details	
						AKV-13-M8X1X16	M8x1.0
AKV-14-M8X1X18	M8x1.0	18	8	8	4	C-SİSTEM FREZELEME için / MILLING For C- SYSTEM / C-SYSTEM FÜR FRÄSER	Ø80-Ø100 TPKN 16, Ø63-Ø315 TPKN 22
AKV-15-M8X1X20	M8x1.0	20	8.5	8.5	4	C-SİSTEM FREZELEME için / MILLING For C- SYSTEM / C-SYSTEM FÜR FRÄSER	OFKR 07, HNMX 09
AKV-18-M5X14	M5x0.8	15	5	6.8	2.5	C-SİSTEM FREZELEME için / MILLING For C- SYSTEM / C-SYSTEM FÜR FRÄSER	SN19
AKV-22-M8X1X14	M8x1.0	14	6.8	4.8	4	C-SİSTEM FREZELEME için / MILLING For C- SYSTEM / C-SYSTEM FÜR FRÄSER	Ø50 TPKN 16
AKV-26-M6X0.75X20	M6x0.75	20	8.5	8.5	3	C-SİSTEM FREZELEME için / MILLING For C- SYSTEM / C-SYSTEM FÜR FRÄSER	AFM45C-XN0806

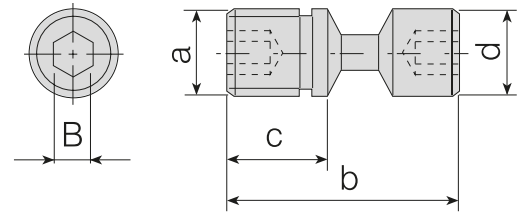


KANAL KATER ve MANTAR VİDALAR / GROOVING TOOL and CLAMP SCREWS / KLEMMSCHRAUBEN

Takım Kodu Ordering Code Bestell-Bezeichnung	a (M)	b	c	d	B	Ürün Detayı / Product Detail / Produkt-Details
1904-M8X1X20	M8X1.0	25.9	20	11.3	4	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM RCMT 32 Sıkma Vidası / Clamp Screw / Klemmschraube
2004-M8X1X20	M8X1.0	25.9	20	11.4	4	KANAL KATERİ için / For EXTERNAL GROOVING / FÜR TNMG-16, TNMG-22 BOHRSTANGE Kanal Kater Vidası / External Grooving Tools Screw / SCHRAUBEN FÜR STECHHALTER
2004-M8X20	M8X1.25	30	25	25	4	KANAL KATERİ için / For EXTERNAL GROOVING / FÜR TNMG-16, TNMG-22 BOHRSTANGE Eski Kanal Kater Vidası / Old External Grooving Tools Screw Alte / Schraube für Stechhalter
AKV-08-M6X12	M6x1.0	17	12	14.3	4	C-SİSTEM FREZELEMİ için / MILLING For C-SYSTEM / C-SYSTEM FÜR FRÄSER Baskı ve Sıkma Vidası, Mantar Vida / Clamp Screw / Klemmschraube
AKV-09-M8X18	M8X1.0	24	18	17.2	5	C-SİSTEM FREZELEMİ için / MILLING For C-SYSTEM / C-SYSTEM FÜR FRÄSER Baskı ve Sıkma Vidası, Mantar Vida / Clamp Screw / Klemmschraube

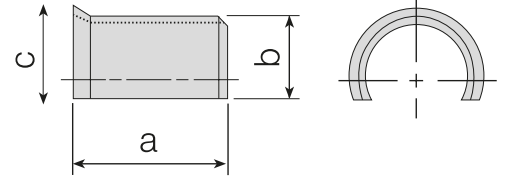
LEVYELER / LEVERS / KNIEHEBEL

Ürün Resmi Product Picture Produkt-Bild	Ürün Kodu Product Code / Code	Ürün Detayı / Product Detail / Produkt-Details
	APL-01	P-SİSTEM için / For P-SYSTEM / FÜR P-SYSTEM CNMG 09, DNMG 11, SNMG 09, TNMG 16, WNMG 06 LEVYESİ / LEVER / KNIEHEBEL
	APL-02	P-SİSTEM için / For P-SYSTEM / FÜR P-SYSTEM CNMG 12, SNMG 12, TNMG 22, WNMG 08 LEVYESİ / LEVER / KNIEHEBEL
	APL-03	P-SİSTEM için / For P-SYSTEM / FÜR P-SYSTEM DNMG 15 LEVYESİ / LEVER / KNIEHEBEL
	APL-04	P-SİSTEM için / For P-SYSTEM / FÜR P-SYSTEM CNMG 16, SNMG 15 LEVYESİ / LEVER / KNIEHEBEL
	APL-05	P-SİSTEM için / For P-SYSTEM / FÜR P-SYSTEM CNMG 19, SNMG 19 LEVYESİ / LEVER / KNIEHEBEL
	APL-06	P-SİSTEM için / For P-SYSTEM / FÜR P-SYSTEM CNMG 25, SNMG 25 LEVYESİ / LEVER / KNIEHEBEL
	APL-07	P-SİSTEM için / For P-SYSTEM / FÜR P-SYSTEM S16P PCLNR/L 09 LEVYESİ / LEVER / KNIEHEBEL
	APL-08	P-SİSTEM için / For P-SYSTEM / FÜR P-SYSTEM S16P PTUNR/L 16 LEVYESİ / LEVER / KNIEHEBEL



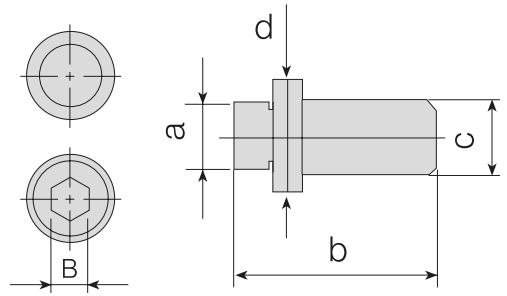
LEVYE VİDALARI / LEVER SCREWS / SCHRAUBEN FÜR KNIEHEBEL

Takım Kodu Ordering Code Bestell-Bezeichnung	a (M)	b	c	d	B	Ürün Detayı / Product Detail / Produkt-Details
ALV-01-M6X14	M6x1.0	14	10	5.85	2.5	P-SİSTEM için / For P-SYSTEM / FÜR P-SYSTEM S20R PCLNR/L 09, S20R PDUNR/L 11, S20R PDQNR/L 11, S20R PWLNR/L 06, S20R PTUNR/L 16
ALV-02-M6X17	M6x1.0	17	10	5.85	2.5	P-SİSTEM için / For P-SYSTEM / FÜR P-SYSTEM CNMG 09, DNMG 11, SNMG 09, TNMG 16, WNMG 06
ALV-03-M8X19	M8X1.0	19.8	11	7.9	3	P-SİSTEM için / For P-SYSTEM / FÜR P-SYSTEM CNMG 12, SNMG 12, TNMG 22, WNMG 08, DNMG 15
ALV-04-M8X22	M8X1.0	21.5	13	7.75	3	P-SİSTEM için / For P-SYSTEM / FÜR P-SYSTEM CNMG 16, SNMG 15
ALV-05-M10X27	M10X1.0	27.5	15	9.9	4	P-SİSTEM için / For P-SYSTEM / FÜR P-SYSTEM CNMG 19, SNMG 19
ALV-06-M12X36	M12X1.0	36	20	12	5	P-SİSTEM için / For P-SYSTEM / FÜR P-SYSTEM CNMG 25, SNMG 25
ALV-07-M6X13	M6X0.1	12.6	6.5	5.9	2.5	P-SİSTEM için / For P-SYSTEM / FÜR P-SYSTEM S16P PCLNR/L 09, S16P PTUNR/L 16
ALV-08-M8X16	M8X1.0	16	10	7.9	3	P-SİSTEM için / For P-SYSTEM / FÜR P-SYSTEM S25S PCLNR/L 12, S25S PDUNR/L 15, S25S PSKNR/L 12



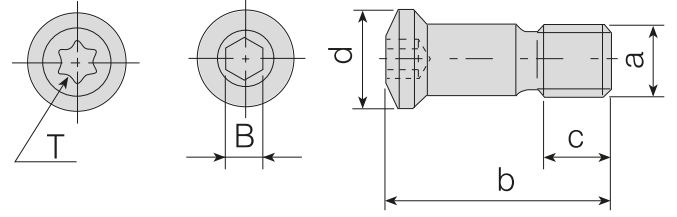
ALTLIK YAYLARI / SHIM SPRINGS / BEFESTIGUNGSFEDER

Takım Kodu Ordering Code Bestell-Bezeichnung	ALTLIK YAYLARI / SHIM SPRINGS / BEFESTIGUNGSFEDER				
	a	b	c	Ürün Detayı / Product Detail / Produkt-Details	
AA Y-01	5.6	4.9	6	P-SİSTEM için / For P-SYSTEM / FÜR P-SYSTEM CNMG 09 ,DNMG 11, SNMG 09, TNMG 16, WNMG 06	
AA Y-02	6	6.9	7.9	P-SİSTEM için / For P-SYSTEM / FÜR P-SYSTEM CNMG 12, SNMG 12, TNMG 22, WNMG 08, DNMG 15	
AA Y-03	8.9	8	9.5	P-SİSTEM için / For P-SYSTEM / FÜR P-SYSTEM CNMG 16, SNMG 15	
AA Y-04	11	9.8	10.7	P-SİSTEM için / For P-SYSTEM / FÜR P-SYSTEM CNMG 19, SNMG 19	
AA Y-05	12	13	15	P-SİSTEM için / For P-SYSTEM / FÜR P-SYSTEM CNMG 25, SNMG 25	

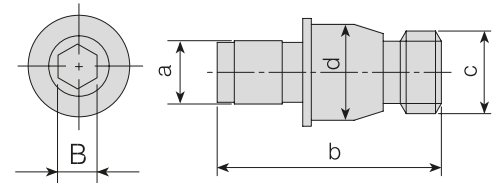


PİMLER / PINS / STIFT

Takım Kodu Ordering Code Bestell-Bezeichnung	PİMLER / PINS / STIFT					
	a	b	c	d	B	Ürün Detayı / Product Detail / Produkt-Details
APM-01	3.55	18	5	6	-	M-SİSTEM için / For M-SYSTEM / FÜR T-SYSTEM Delik İçi / Internal / Intern Ø32-Ø40 TNMG 16 Dış Çap / External / Externe TNMG 16
APM-02	5	18	6	7.3	-	M-SİSTEM için / For M-SYSTEM / FÜR T-SYSTEM TNMG 22, WNMG 08
APM-03	3.5	12	5	6.5	-	M-SİSTEM için / For M-SYSTEM / FÜR T-SYSTEM S20R MTFNR/L 16, S20R MT-NR/L 16, S20R MTUNR/L 16, S20R MTQNR/L 16, S20R MDUNR/L 11
APM-04	5	15	6	7.3	-	M-SİSTEM için / For M-SYSTEM / FÜR T-SYSTEM S32T MCLNR/L 12, DNMG 15, S25S MWLNR/L 08
APM-05	5	11.5	6.5	6.5	3	M-SİSTEM için / For M-SYSTEM / FÜR T-SYSTEM MSYNR 11.5CS 12 Kartuş için / for Cartridge / FÜR KASSETTE
APM-06	3	15.7	-	-	-	C-SİSTEM için / For C-SYSTEM / FÜR T-SYSTEM 154.91
APM-07	3.5	11.5	6.5	6.5	3	M-SİSTEM için / For M-SYSTEM / FÜR T-SYSTEM S20R ET-NR 16
APM-08	3.5	12	5	5.4	-	M-SİSTEM için / For M-SYSTEM / FÜR T-SYSTEM S25S MWLNR/L 06, Dış Çap / External / Externe
APM-09	3.5	10	5	5.4	-	M-SİSTEM için / For M-SYSTEM / FÜR T-SYSTEM S16P MWLNR/L 06
APM-10	3.5	11	5	5.4	-	M-SİSTEM için / For M-SYSTEM / FÜR T-SYSTEM S20R MWLNR/L 06
APM-11	3.5	11	5	6.5	-	M-SİSTEM için / For M-SYSTEM / FÜR T-SYSTEM S20R MTQNR/L 16
APM-12	5	12	6	7.3	-	M-SİSTEM için / For M-SYSTEM / FÜR T-SYSTEM S20R MCLNR/L 12, S25S MCLNR/L 12-Z
APM-13	5	14	6	7.3	-	M-SİSTEM için / For M-SYSTEM / FÜR T-SYSTEM S25S MCLNR/L 12
APM-14	3.55	15	5	6	-	M-SİSTEM için / For M-SYSTEM / FÜR T-SYSTEM S25S MTFNR/L 16, S25S MT-NR/L 16, S25S MTUNR/L 16, S25S MTQNR/L 16
APM-15	4.40	16	6.40	6.40	3	M-SİSTEM için / For M-SYSTEM / FÜR T-SYSTEM MSYNR 16CS 12 Kartuş için / for Cartridge / FÜR KASSETTE

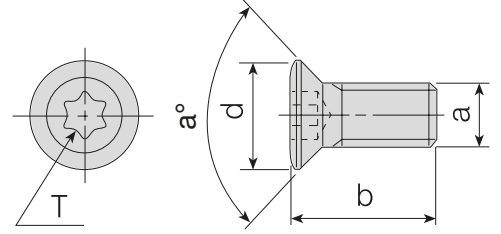


Takım Kodu Ordering Code Bestell-Bezeichnung	KÜRESEL FİNİŞ VİDALARI / BALL NOSE SCREWS / SCHRAUBEN FÜR KUGELKOPFFRÄSER					Ürün Detayı / Product Detail / Produkt-Details
	a (M)	b	c	d	B(T)	
1208-M3x7	M3x0.5	6.9	2.7	4.1	8	KÜRESEL FREZE VİDASI / BALL NOSE SCREW / SCHRAUBE FÜR KUGELFRÄSER P3208
1215-M4X0.5X9	M4X0.5	8.6	3.2	5.75	15	KÜRESEL FREZE VİDASI / BALL NOSE SCREW / SCHRAUBE FÜR KUGELFRÄSER P3210-ROHX 12
1220-M5X0.5X9	M5X0.5	9.6	3.4	6.8	20	KÜRESEL FREZE VİDASI / BALL NOSE SCREW / SCHRAUBE FÜR KUGELFRÄSER P3212
1220-M5X0.5X12	M5X0.5	12.9	4.4	7.4	20	KÜRESEL FREZE VİDASI / BALL NOSE SCREW / SCHRAUBE FÜR KUGELFRÄSER P3216-ROHX 16
1220-M5X0.5X15	M5X0.5	16.4	6	7.8	20	KÜRESEL FREZE VİDASI / BALL NOSE SCREW / SCHRAUBE FÜR KUGELFRÄSER P3220-ROHX 20
1220-M6X0.75X20	M6X0.75	20	6	9.4	20	KÜRESEL FREZE VİDASI / BALL NOSE SCREW / SCHRAUBE FÜR KUGELFRÄSER P3225
1204-M8X0.75X26	M8X0.75	26	7.5	12	4	KÜRESEL FREZE VİDASI / BALL NOSE SCREW / SCHRAUBE FÜR KUGELFRÄSER P3232
1210-M3.5X9.6	M3.5X0.6	9.6	4	4.7	10	KÜRESEL FREZE VİDASI / BALL NOSE SCREW / SCHRAUBE FÜR KUGELFRÄSER BNM 12
1215-M4X13.5	M4X0.7	13.5	5	5.8	15	KÜRESEL FREZE VİDASI / BALL NOSE SCREW / SCHRAUBE FÜR KUGELFRÄSER BNM 16



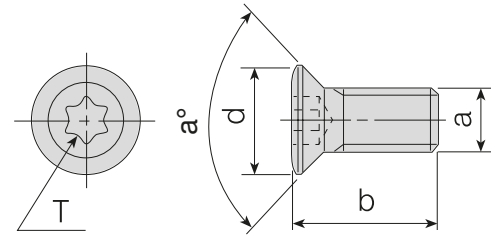
Takım Kodu Ordering Code Bestell-Bezeichnung	EKSANTRİK VİDA / ECCENTRIC SCREW / EXZENTERSCHRAUBEN					Ürün Detayı / Product Detail / Produkt-Details
	a	b	c	d	B	
AEV-01-M6x16	4.85	16	M6x1.0	6.5	2.5	Eksantrik Vida / Eccentric Screw / EXZENTERSCHRAUBEN PSDNN Kartuş için / for Cartridge / FÜR KASSETTE





TORK VİDALARI / TORX SCREWS / TORX-SCHRAUBEN

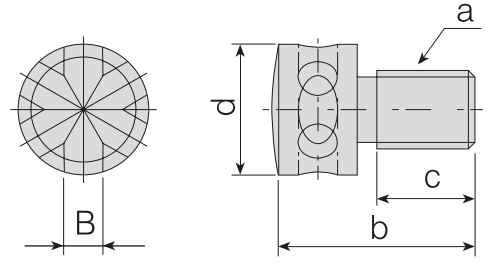
Takım Kodu Ordering Code Bestell-Bezeichnung	a (M)	b	T	d	a°	Ürün Detayı / Product Detail / Produkt-Details	
4006-M1.6x3.2	M1.6X0.35	3.2	6	2.50	60	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM	TORK VİDA / TORX SCREW / TORX-SCHRAUBEN
3006-M1.8x4	M1.8X0.35	4	6	2.45	60	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM	TORK VİDA / TORX SCREW / TORX-SCHRAUBEN
3006-M2x4	M2X0.4	4.3	6	2.7	60	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM	TORK VİDA / TORX SCREW / TORX-SCHRAUBEN
4006-M2x5	M2X0.4	5	6	3	55	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM	TORK VİDA / TORX SCREW / TORX-SCHRAUBEN
3007-M2.2x5	M2.2X0.45	5.2	7	3.15	60	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM	TORK VİDA / TORX SCREW / TORX-SCHRAUBEN
4006-M2.2x5	M2.2X0.45	5	6	2.8	55	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM	TORK VİDA / TORX SCREW / TORX-SCHRAUBEN
1008-M2.5x5	M2.5X0.45	5.5	8	3.5	45	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM	TORK VİDA / TORX SCREW / TORX-SCHRAUBEN
1008-M2.5x7	M2.5X0.45	7	8	3.6	45	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM	TORK VİDA / TORX SCREW / TORX-SCHRAUBEN
1108-M2.5x6	M2.5X0.45	6	8	3.9	R	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM	TORK VİDA / TORX SCREW / TORX-SCHRAUBEN
3008-M2.5x5	M2.5X0.45	5	8	3.5	60	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM	TORK VİDA / TORX SCREW / TORX-SCHRAUBEN
3008-M2.5x6	M2.5X0.45	6	8	3.5	60	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM	TORK VİDA / TORX SCREW / TORX-SCHRAUBEN
4008-M2.5x4	M2.5X0.45	4	8	3.5	45	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM	TORK VİDA / TORX SCREW / TORX-SCHRAUBEN
4008-M2.5x4.5	M2.5X0.45	4.5	8	3.5	45	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM	TORK VİDA / TORX SCREW / TORX-SCHRAUBEN
4008-M2.5x6	M2.5X0.45	5.8	8	3.5	45	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM	TORK VİDA / TORX SCREW / TORX-SCHRAUBEN
4008-M2.5x6.5	M2.5X0.45	6.5	8	4	60	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM	TORK VİDA / TORX SCREW / TORX-SCHRAUBEN
4108-M2.5x6.5	M2.5X0.45	6.5	8	3.5	50	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM	TORK VİDA / TORX SCREW / TORX-SCHRAUBEN
4108-M2.5x8	M2.5X0.45	8	8	3.5	50	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM	TORK VİDA / TORX SCREW / TORX-SCHRAUBEN
1008-M3x6	M3X0.5	6	8	4	60	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM	TORK VİDA / TORX SCREW / TORX-SCHRAUBEN
1008-M3x8	M3X0.5	8	8	3.9	60	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM	TORK VİDA / TORX SCREW / TORX-SCHRAUBEN
1108-M3x6.8	M3X0.5	6.8	8	4	60	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM	TORK VİDA / TORX SCREW / TORX-SCHRAUBEN
3008-M3x6	M3X0.5	6	8	4	45	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM	TORK VİDA / TORX SCREW / TORX-SCHRAUBEN
3008-M3x7	M3X0.5	7	8	4	55	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM	TORK VİDA / TORX SCREW / TORX-SCHRAUBEN
3008-M3x8	M3X0.5	8	8	4	45	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM	TORK VİDA / TORX SCREW / TORX-SCHRAUBEN
3108-M3x6	M3X0.5	6	8	3.8	60	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM	TORK VİDA / TORX SCREW / TORX-SCHRAUBEN
3108-M3x8	M3X0.5	8	8	3.8	60	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM	TORK VİDA / TORX SCREW / TORX-SCHRAUBEN
4008-M3x8	M3X0.5	8	8	4	60	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM	TORK VİDA / TORX SCREW / TORX-SCHRAUBEN
4010-M3x6	M3X0.5	6	10	4.2	45	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM	TORK VİDA / TORX SCREW / TORX-SCHRAUBEN
4010-M3x8	M3X0.5	8	10	4.2	45	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM	TORK VİDA / TORX SCREW / TORX-SCHRAUBEN
1015-M3.5x9	M3.5X0.6	9	15	5.3	60	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM	TORK VİDA / TORX SCREW / TORX-SCHRAUBEN
1015-M3.5x11	M3.5X0.6	11.1	15	5.3	60	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM	TORK VİDA / TORX SCREW / TORX-SCHRAUBEN
1015-M3.5x14	M3.5X0.6	14	15	5.3	66	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM	TORK VİDA / TORX SCREW / TORX-SCHRAUBEN
1015-M3.5x16	M3.5X0.6	16	15	5.3	55	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM	TORK VİDA / TORX SCREW / TORX-SCHRAUBEN
1315-M3.5x11	M3.5X0.6	10.6	15	7.9	-	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM	TORK VİDA / TORX SCREW / TORX-SCHRAUBEN
1510-M3.5x7	M3.5X0.6	7.1	10	5.1	55	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM	TORK VİDA / TORX SCREW / TORX-SCHRAUBEN
1510-M3.5x9	M3.5X0.6	9.1	10	5	55	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM	TORK VİDA / TORX SCREW / TORX-SCHRAUBEN
1615-M3.5x10	M3.5X0.6	10	15	5.8	60	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM	TORK VİDA / TORX SCREW / TORX-SCHRAUBEN
1615-M3.5x11	M3.5X0.6	11	15	5.8	60	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM	TORK VİDA / TORX SCREW / TORX-SCHRAUBEN
1615-M3.5x15	M3.5X0.6	15	15	5.8	60	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM	TORK VİDA / TORX SCREW / TORX-SCHRAUBEN
3010-M3.5x7	M3.5X0.6	7	10	5	55	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM	TORK VİDA / TORX SCREW / TORX-SCHRAUBEN
3010-M3.5x9	M3.5X0.6	9	10	5	55	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM	TORK VİDA / TORX SCREW / TORX-SCHRAUBEN
3015-M3.5x9	M3.5X0.6	8.8	15	5.4	60	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM	TORK VİDA / TORX SCREW / TORX-SCHRAUBEN
4015-M3.5x8	M3.5X0.6	7.9	15	5.3	55	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM	TORK VİDA / TORX SCREW / TORX-SCHRAUBEN
4015-M3.5x9	M3.5X0.6	8.7	15	5.3	60	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM	TORK VİDA / TORX SCREW / TORX-SCHRAUBEN
4015-M3.5x10	M3.5X0.6	9.8	15	5.3	60	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM	TORK VİDA / TORX SCREW / TORX-SCHRAUBEN
4015-M3.5x11	M3.5X0.6	10.7	15	5.3	60	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM	TORK VİDA / TORX SCREW / TORX-SCHRAUBEN



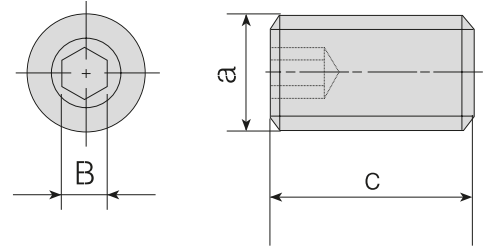
TORK VİDALARI / TORX SCREWS / TORX-SCHRAUBEN

Takım Kodu Ordering Code Bestell-Bezeichnung	a (M)	b	T	d	a°	Ürün Detayı / Product Detail / Produkt-Details	
4015-M3.5x12	M3.5X0.6	12	15	5.3	60	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM	TORK VİDA / TORX SCREW / TORX-SCHRAUBEN
4015-M3.5x14	M3.5X0.6	13.7	15	5.3	60	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM	TORK VİDA / TORX SCREW / TORX-SCHRAUBEN
1015-M4x8	M4X0.7	8	15	6.8	R	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM	TORK VİDA / TORX SCREW / TORX-SCHRAUBEN
1015-M4x9	M4X0.7	9	15	6.8	R	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM	TORK VİDA / TORX SCREW / TORX-SCHRAUBEN
1515-M4x9	M4X0.7	9	15	5.7	50	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM	TORK VİDA / TORX SCREW / TORX-SCHRAUBEN
1015-M4x11	M4X0.7	10.8	15	6.8	R	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM	TORK VİDA / TORX SCREW / TORX-SCHRAUBEN
1115-M4x10	M4X0.7	10	15	5.9	R	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM	TORK VİDA / TORX SCREW / TORX-SCHRAUBEN
1315-M4x11	M4X0.7	11.1	15	5	45	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM	TORK VİDA / TORX SCREW / TORX-SCHRAUBEN
1415-M4x11	M4X0.7	11	15	5.6	50	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM	TORK VİDA / TORX SCREW / TORX-SCHRAUBEN
1515-M4x11	M4X0.7	11.1	15	5.6	50	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM	TORK VİDA / TORX SCREW / TORX-SCHRAUBEN
1615-M4x11	M4X0.7	11.1	15	6	50	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM	TORK VİDA / TORX SCREW / TORX-SCHRAUBEN
3015-M4x9	M4X0.7	9	15	5.6	50	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM	TORK VİDA / TORX SCREW / TORX-SCHRAUBEN
3015-M4x11	M4X0.7	11	15	5.6	50	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM	TORK VİDA / TORX SCREW / TORX-SCHRAUBEN
4015-M4x9	M4X0.7	9	15	5.6	50	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM	TORK VİDA / TORX SCREW / TORX-SCHRAUBEN
4015-M4x10	M4X0.7	10	15	5.6	50	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM	TORK VİDA / TORX SCREW / TORX-SCHRAUBEN
4015-M4x11	M4X0.7	11	15	5.6	50	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM	TORK VİDA / TORX SCREW / TORX-SCHRAUBEN
4015-M4x12	M4X0.7	12	15	5.7	50	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM	TORK VİDA / TORX SCREW / TORX-SCHRAUBEN
4115-M4x12	M4X0.7	12	15	5.6	55	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM	TORK VİDA / TORX SCREW / TORX-SCHRAUBEN
4515-M4x8	M4X0.7	8	15	5.1	50	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM	TORK VİDA / TORX SCREW / TORX-SCHRAUBEN
4515-M4x11	M4X0.7	11	15	5.1	50	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM	TORK VİDA / TORX SCREW / TORX-SCHRAUBEN
4615-M4x11	M4X0.7	11	15	6	50	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM	TORK VİDA / TORX SCREW / TORX-SCHRAUBEN
1015-M4.5x12	M4.5X0.75	12	15	6.6	50	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM	TORK VİDA / TORX SCREW / TORX-SCHRAUBEN
1020-M4.5x14	M4.5X0.75	14	20	6.5	45	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM	TORK VİDA / TORX SCREW / TORX-SCHRAUBEN
1020-M4.5x16	M4.5X0.75	16	20	6.5	45	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM	TORK VİDA / TORX SCREW / TORX-SCHRAUBEN
1120-M4.5x12	M4.5X0.75	12.1	20	7.9	R	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM	TORK VİDA / TORX SCREW / TORX-SCHRAUBEN
1515-M4.5x11	M4.5X0.75	11	15	6.4	45	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM	TORK VİDA / TORX SCREW / TORX-SCHRAUBEN
4015-M4.5x11	M4.5X0.75	11	15	6.4	45	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM	TORK VİDA / TORX SCREW / TORX-SCHRAUBEN
4020-M4.5x10	M4.5X0.75	10	20	6.5	55	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM	TORK VİDA / TORX SCREW / TORX-SCHRAUBEN
4020-M4.5x12	M4.5X0.75	12	20	6.5	55	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM	TORK VİDA / TORX SCREW / TORX-SCHRAUBEN
1020-M5x11	M5X0.8	11	20	6.6	50	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM	TORK VİDA / TORX SCREW / TORX-SCHRAUBEN
1020-M5x14	M5X0.8	14.1	20	6.8	50	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM	TORK VİDA / TORX SCREW / TORX-SCHRAUBEN
1120-M5x13	M5X0.8	13	20	7	R	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM	TORK VİDA / TORX SCREW / TORX-SCHRAUBEN
1615-M5x14	M5X0.8	14	15	7.3	50	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM	TORK VİDA / TORX SCREW / TORX-SCHRAUBEN
1620-M5x18	M5X0.8	18	20	8.15	50	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM	TORK VİDA / TORX SCREW / TORX-SCHRAUBEN
1620-M5x22	M5X0.8	22	20	8.15	50	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM	TORK VİDA / TORX SCREW / TORX-SCHRAUBEN
4420-M5x14	M5X0.8	14	20	6.60	60	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM	TORK VİDA / TORX SCREW / TORX-SCHRAUBEN
1020-M6x16	M6X1.0	16	20	8.5	50	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM	TORK VİDA / TORX SCREW / TORX-SCHRAUBEN
1420-M6x16	M6X1.0	16	20	7.6	50	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM	TORK VİDA / TORX SCREW / TORX-SCHRAUBEN
1520-M6x16	M6X1.0	16	20	8.2	50	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM	TORK VİDA / TORX SCREW / TORX-SCHRAUBEN
1710-U5-40x12.2	UNC 5-40	12.2	10	5.6	60	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM	TORK VİDA / TORX SCREW / TORX-SCHRAUBEN
1720-U8-32x10	UNC 8-32	10	20	7.5	60	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM	TORK VİDA / TORX SCREW / TORX-SCHRAUBEN
1720-U8-32x15	UNC 8-32	15	20	7.5	60	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM	TORK VİDA / TORX SCREW / TORX-SCHRAUBEN
1707-U4-48x6	UNF 4-48	6	7	3.27	60	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM	TORK VİDA / TORX SCREW / TORX-SCHRAUBEN
1707-U4-48x6.5	UNF 4-48	6.5	7	3.27	60	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM	TORK VİDA / TORX SCREW / TORX-SCHRAUBEN
1707-U4-48x8.2	UNF 4-48	8.2	7	3.27	60	S-SİSTEM için / For S-SYSTEM / FÜR S-SYSTEM	TORK VİDA / TORX SCREW / TORX-SCHRAUBEN

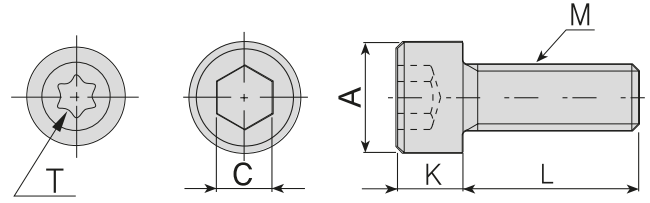




Takım Kodu Ordering Code Bestell-Bezeichnung	EKSENEL AYAR VİDALARI / AXIAL ADJUSTING SCREWS / AXIAL-EINSTELLSCHRAUBE					Ürün Detayı / Product Detail / Produkt-Details
	a (M)	b	c	d	B	
2600-M4x9.5	M4x0.5	5.5	4	4	1.5	Kartuş için / for Cartridge / FÜR KASSETTE
2600-M5x13	M5x0.5	12.8	7	8.7	2.5	Kartuş için / for Cartridge / FÜR KASSETTE
2600-M6x18	M6x1.0	18.2	9	10	3.5	Kartuş için / for Cartridge / FÜR KASSETTE



Takım Kodu Ordering Code Bestell-Bezeichnung	RADYAL AYAR VİDALARI / RADIAL ADJUSTING SCREWS / AXIAL-EINSTELLSCHRAUBE			Ürün Detayı / Product Detail / Produkt-Details
	a (M)	c	B	
2715-M3x4	M3x0.5	4	1.5	KABA BARA için / for ROUGH BORING HEADS FÜR SCHRUPP-SPINDELKOPF
2715-M3x5	M3x0.5	5	1.5	KABA BARA için / for ROUGH BORING HEADS FÜR SCHRUPP-SPINDELKOPF
2715-M3x8	M3x0.5	8	1.5	KABA BARA için / for ROUGH BORING HEADS FÜR SCHRUPP-SPINDELKOPF
2702-M4x4	M4x0.7	4	2	KARTUŞ için / for CARTRIDGE / FÜR KASSETTE
2702-M4x10	M4x0.7	10	2	KARTUŞ için / for CARTRIDGE / FÜR KASSETTE
2702-M4x12	M4x0.7	12	2	KABA BARA için / for ROUGH BORING HEADS FÜR SCHRUPP-SPINDELKOPF
2725-M5x6	M5x0.8	5	2.5	KARTUŞ için / for CARTRIDGE / FÜR KASSETTE
2725-M5x10	M5x0.8	10	2.5	KARTUŞ için / for CARTRIDGE / FÜR KASSETTE
2725-M5x12	M5x0.8	12	2.5	KABA BARA için / for ROUGH BORING HEADS FÜR SCHRUPP-SPINDELKOPF
2725-M5x14	M5x0.8	14	2.5	KABA BARA için / for ROUGH BORING HEADS FÜR SCHRUPP-SPINDELKOPF
2703-M6x16	M6x1	16	3	KABA BARA için / for ROUGH BORING HEADS FÜR SCHRUPP-SPINDELKOPF
2704-M8x25	M8x1.25	25.9	4	KABA BARA için / for ROUGH BORING HEADS FÜR SCHRUPP-SPINDELKOPF

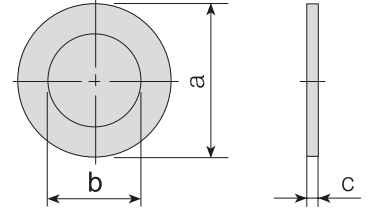


İNBUS ÇİVATALAR / INBUS SCREWS / INNENSECHSKANT-SCHRAUBE

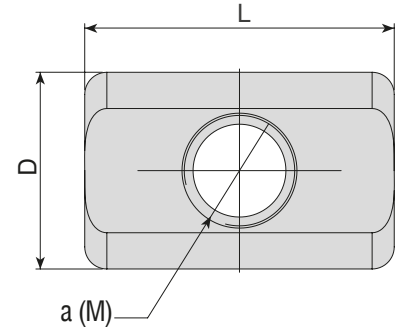
Takım Kodu Ordering Code Bestell-Bezeichnung	M	A	C	K	L	Ürün Detayı / Product Detail / Produkt-Details	
						Ürün Detayı / Product Detail / Produkt-Details	SCHRAUBEN FÜR STECHHALTER
2503-M4x10	M4x0.7	6.85	3	4	10	KANAL KATER VİDASI / SOME GROOVING TOOLS SCREW	SCHRAUBEN FÜR STECHHALTER
2525-M3X14	M3X0.5	5.4	2.5	2.9	14	BARA KARTUŞU İÇİN SIKMA VİDASI / for BORING HEADS CARTRIDGE SCREW	SCHRAUBE FÜR KASSETTE DER SCHRUPP-SPINDELKÖPFE
2503-M4X20	M4x0.7	7	3	3.9	20	BARA KARTUŞU İÇİN SIKMA VİDASI / for BORING HEADS CARTRIDGE SCREW	SCHRAUBE FÜR KASSETTE DER SCHRUPP-SPINDELKÖPFE
2503-M4X12	M4x0.7	6.85	3	4	12	KANAL KATER VİDASI / SOME GROOVING TOOLS SCREW	SCHRAUBEN FÜR STECHHALTER
2503-M4X15	M4x0.7	6.85	3	4	15	BARA KARTUŞU İÇİN SIKMA VİDASI / for BORING HEADS CARTRIDGE SCREW	SCHRAUBE FÜR KASSETTE DER SCHRUPP-SPINDELKÖPFE
2504-M5X16	M5X0.8	8.5	4	5	16	KANAL KATER VİDASI / SOME GROOVING TOOLS SCREW	SCHRAUBEN FÜR STECHHALTER
2504-M5X12	M5X0.8	8.5	4	5	12	KANAL KATER VİDASI / SOME GROOVING TOOLS SCREW	SCHRAUBEN FÜR STECHHALTER
2504-M5X25	M5X0.8	8.5	4	5	25	BARA KARTUŞU İÇİN SIKMA VİDASI / for BORING HEADS CARTRIDGE SCREW	SCHRAUBE FÜR KASSETTE DER SCHRUPP-SPINDELKÖPFE
2505-M6X16	M6X1	9.9	5	6	16	KANAL KATER VİDASI / SOME GROOVING TOOLS SCREW	SCHRAUBEN FÜR STECHHALTER
2505-M6X20	M6X1	9.9	5	6	20	KANAL KATER VİDASI / SOME GROOVING TOOLS SCREW	SCHRAUBEN FÜR STECHHALTER
2505-M6X25	M6X1	9.9	5	6	25	BLOK BASKI PABUÇ VİDASI / for BLOCK CLAMP SCREW	SCHRAUBE FÜR SPANNBLOCK
2505-M6X30	M6X1	9.9	5	6	30	BARA KARTUŞU İÇİN SIKMA VİDASI / for BORING HEADS CARTRIDGE SCREW	SCHRAUBE FÜR KASSETTE DER SCHRUPP-SPINDELKÖPFE
2405-M8X30	M8X1.25	13	5	5	30	A16 MONTAJ VİDASI (KAFASI KÜÇÜK) / MOUNTING SCREW (SMALL HEAD)	BEFESTIGUNGSSCHRAUBE (KLEINER KOPF)
2506-M8X20	M8X1.25	13	6	7.9	20	KARTUŞ MONTAJ VİDASI / CARTRIDGE MOUNTING SCREW	BEFESTIGUNGSSCHRAUBE FÜR KASSETTE
2506-M8X30	M8X1.25	13	6	7.9	30	A16 MONTAJ VİDASI / MOUNTING SCREW	BEFESTIGUNGSSCHRAUBE
2506-M8X35	M8X1.25	13	6	7.9	35	BARA KARTUŞU İÇİN SIKMA VİDASI / for BORING HEADS CARTRIDGE SCREW	SCHRAUBE FÜR KASSETTE DER SCHRUPP-SPINDELKÖPFE
2406-M8X30	M8X1.25	12	6	7.9	30	A16 MONTAJ VİDASI / MOUNTING SCREW	BEFESTIGUNGSSCHRAUBE
2407-M10X30	M10X1.5	16	7	6	30	A16 MONTAJ VİDASI / MOUNTING SCREW	BEFESTIGUNGSSCHRAUBE
2408-M10X30	M10X1.5	13.90	8	10	30	A22 MONTAJ VİDASI / MOUNTING SCREW	BEFESTIGUNGSSCHRAUBE
2508-M10X30	M10X1.5	16	8	10	30	A22 MONTAJ VİDASI / MOUNTING SCREW	BEFESTIGUNGSSCHRAUBE
2508-M10X40	M10X1.5	16	8	10	40	BARA KARTUŞU İÇİN SIKMA VİDASI / for BORING HEADS CARTRIDGE SCREWS	SCHRAUBE FÜR KASSETTE DER SCHRUPP-SPINDELKÖPFE
2408-M12X35	M12X1.75	18	8	7	35	A27 MONTAJ VİDASI / MOUNTING SCREW	BEFESTIGUNGSSCHRAUBE
2510-M12X35	M12X1.75	18	10	12	35	A27 MONTAJ VİDASI / MOUNTING SCREW	BEFESTIGUNGSSCHRAUBE
2514-M16X35	M16X2.0	23.7	14	16	35	A32 MONTAJ VİDASI / MOUNTING SCREW	BEFESTIGUNGSSCHRAUBE
AAV-11-U5-40x4.5	UNC 5-40	5.4	T10	2.8	4.5	16 ER/L, 16 IR/L ALTLIK VİDASI / SHIM SCREW	SCHRAUBE FÜR UNTERLAGE
AAV-12-U8-32x5.5	UNC 8-32	6.7	T20	3.8	5.5	22 ER/L, 22 IR/L ALTLIK VİDASI / SHIM SCREW	SCHRAUBE FÜR UNTERLAGE
AAV-15-M5x5.7	M5X0.8	8.5	T20	3.15	5.7	27 ER/L, 27 IR/L ALTLIK VİDASI / SHIM SCREW	SCHRAUBE FÜR UNTERLAGE

SEKMAN / RING / RING

Ürün Resmi Product Picture Produkt-Bild	Ürün Kodu Product Code / Code	Ürün Detayı / Product Detail / Produkt-Details	
		ACS-01	C-SİSTEM için / For C-SYSTEM / FÜR C-SYSTEM
AS-01		T-M-SİSTEM için / For T-M-SYSTEM / FÜR T-M-SYSTEM	AKV-30-M6x20 SEKMANI / RING



Takım Kodu Ordering Code Bestell-Bezeichnung	BASKI PULU / STAMP / UNTERLEGSCHIEBE			Ürün Detayı / Product Detail / Produkt-Details	
	a	b	c		
ABPL-01	11	6.5	0.5	PUL/STAMP/RING	BASKI PULU / -
ABPL-02	12.75	7.1	0.45	PUL/STAMP/RING	BASKI PULU / -



Takım Kodu Ordering Code Bestell-Bezeichnung	BARA PABUÇLARI / BORING HEADS CARTRIDGE / KASSETTE FÜR SPINDELKOPF			Ürün Detayı / Product Detail / Produkt-Details	
	a (M)	D	L		
ABKS-D16	M3x0.5	4.9	6	KABA BARA için / for ROUGH BORING HEADS / FÜR SCHRUPP-SPINDELKOPF	ABHR-D16x42-W16-L90
ABKS-D20	M4x0.7	5.9	9	KABA BARA için / for ROUGH BORING HEADS / FÜR SCHRUPP-SPINDELKOPF	ABHR-D20x50-W20-L100
ABKS-D25	M4x0.7	5.9	12	KABA BARA için / for ROUGH BORING HEADS / FÜR SCHRUPP-SPINDELKOPF	ABHR-D25x60-W20-L110
ABKS-D32	M5x0.8	8.9	14	KABA BARA için / for ROUGH BORING HEADS / FÜR SCHRUPP-SPINDELKOPF	ABHR-D32x64-W25-L120
ABKS-D40	M6x1	10.9	18	KABA BARA için / for ROUGH BORING HEADS / FÜR SCHRUPP-SPINDELKOPF	ABHR-D40x80-W32-L140
ABKS-D50	M8x1.25	13.9	28	KABA BARA için / for ROUGH BORING HEADS / FÜR SCHRUPP-SPINDELKOPF	ABHR-D50x100-W32-L160
ABKS-D63	M10x1.5	15.9	35	KABA BARA için / for ROUGH BORING HEADS / FÜR SCHRUPP-SPINDELKOPF	ABHR-D63x80-W32-L140, ABHR-D63x130-W40-L200
ABKS-D80	M12x1.75	17.9	45	KABA BARA için / for ROUGH BORING HEADS / FÜR SCHRUPP-SPINDELKOPF	ABHR-D80x140-W40-L210, ABHR-D80x140-W40-L210 - B





Ürün Resmi Product Picture Produkt-Bild	KESME ve KANAL LAMA AÇMA BLOK PABUÇLARI / BLOCKS FOR PARTING AND DEEP GROOVING BLADES CLAMPS KLEMMLEISTE FÜR SCHWERT-SPANNBLOCK		
	Ürün Kodu Product Code / Code	Ürün Detayı / Product Detail / Produkt-Details	
	<b>ABK-01</b>	LAMA BLOĞU için / For BLADE BLOCK / FÜR SCHWERT-SPANNBLOCK	ALBU-20-26 BASKI PABUCU / CLAMP / PRATZE
	<b>ABK-02</b>	LAMA BLOĞU için / For BLADE BLOCK / FÜR SCHWERT-SPANNBLOCK	ALBU-25-26 BASKI PABUCU / CLAMP / PRATZE
	<b>ABK-03</b>	LAMA BLOĞU için / For BLADE BLOCK / FÜR SCHWERT-SPANNBLOCK	ALBU-20-32 BASKI PABUCU / CLAMP / PRATZE
	<b>ABK-04</b>	LAMA BLOĞU için / For BLADE BLOCK / FÜR SCHWERT-SPANNBLOCK	ALBU-25-32, ALBU-32-32 BASKI PABUCU / CLAMP / PRATZE

Ürün Resmi Product Picture Produkt-Bild	LAMA ANAHTARI / BLADE KEY / SCHWERT-SCHLÜSSEL	
	Ürün Kodu Product Code / Code	Ürün Detayı / Product Detail / Produkt-Details
	<b>ALA-01</b>	AKL LAMA ANAHTARI / for BLADE KEY / SCHWERT-SCHLÜSSEL

Ürün Resmi Product Picture Produkt-Bild	ALYAN ANAHTARLARI / ALLEN KEYS / INNENSECHSKANT-SCHLÜSSEL	
	Ürün Kodu Product Code / Code	Ürün Detayı / Product Detail / Produkt-Details
	<b>AAL-01-2</b>	2 mm ALYAN ANAHTARI / ALLEN KEYS / INNENSECHSKANT-SCHLÜSSEL
	<b>AAL-02-2.5</b>	2.5 mm ALYAN ANAHTARI / ALLEN KEYS / INNENSECHSKANT-SCHLÜSSEL
	<b>AAL-03-3</b>	3 mm ALYAN ANAHTARI / ALLEN KEYS / INNENSECHSKANT-SCHLÜSSEL
	<b>AAL-05-4</b>	4 mm ALYAN ANAHTARI / ALLEN KEYS / INNENSECHSKANT-SCHLÜSSEL
	<b>AAL-07-5</b>	5 mm ALYAN ANAHTARI / ALLEN KEYS / INNENSECHSKANT-SCHLÜSSEL
	<b>AAL-08-6</b>	6 mm ALYAN ANAHTARI / ALLEN KEYS / INNENSECHSKANT-SCHLÜSSEL
	<b>AAL-09-1.5</b>	1.5 mm ALYAN ANAHTARI / ALLEN KEYS / INNENSECHSKANT-SCHLÜSSEL
	<b>AAL-11-8</b>	8 mm ALYAN ANAHTARI / ALLEN KEYS / INNENSECHSKANT-SCHLÜSSEL
<b>AAL-12-10</b>	10 mm ALYAN ANAHTARI / ALLEN KEYS / INNENSECHSKANT-SCHLÜSSEL	

Ürün Resmi Product Picture Produkt-Bild	TORK ANAHTARLARI / TORX KEYS / TORX-SCHLÜSSEL	
	Ürün Kodu Product Code / Code	Ürün Detayı / Product Detail / Produkt-Details
	<b>80-T06</b>	T06 TORK ANAHTARI / TORX KEY / TORX-SCHLÜSSEL
	<b>80-T07</b>	T07 TORK ANAHTARI / TORX KEY / TORX-SCHLÜSSEL
	<b>80-T08</b>	T08 TORK ANAHTARI / TORX KEY / TORX-SCHLÜSSEL
	<b>80-T10</b>	T10 TORK ANAHTARI / TORX KEY / TORX-SCHLÜSSEL
	<b>80-T15</b>	T15 TORK ANAHTARI / TORX KEY / TORX-SCHLÜSSEL
	<b>80-T20</b>	T20 TORK ANAHTARI / TORX KEY / TORX-SCHLÜSSEL
	<b>81-T15</b>	T15 T-TİP TORK ANAHTARI / T-TYPE TORX KEY / T-TYP-TORX-SCHLÜSSEL
	<b>81-T20</b>	T20 T-TİP TORK ANAHTARI / T-TYPE TORX KEY / T-TYP-TORX-SCHLÜSSEL

KOD / CODE	AÇIKLAMA / DESCRIPTION	BESCHREIBUNG	S.N. / P.N. SEITE
A/SCLCR/L ..	Boring Bars SET	Bohstangen Set	110
A/SUDCUR/L ..	Boring Bars SET	Bohstangen Set	111
AAKT-IG-R/L ..	Face External Grooving Tool Holders	Axial Stechhalter	149
AAKT-KG-R/L ..	Face External Grooving Tool Holders	Axial Stechhalter	147
AAKT-K-R/L ..	Face External Grooving Tool Holders	Axial Stechhalter	148
AAKT-ZCC2-R/L ..	Face External Grooving Tool Holders	Axial Stechhalter	147
AAUT-T20-R/L ..	Corner Reliefs Grooving Toolholders	Stechwerkzeug für Freistiche	14
ABHR ..	Adjustable Rough Boring Heads	Einstellbare Schrupp-Spindelköpfe	199
ABHRS ..	Adjustable Rough Boring Heads Body	Trägerwerkzeug für einstellbare Schrupp-Spindelköpfe	200
ABT-B4..	Broaching Toolholders	Räumwerkzeug	16
ACBM ..	Countersink Open Milling Tools	Senkwerkzeug f.Zylinderkopfschrauben	207
ACM ..	Chamfering End Mills	Fasfräser	205
ACM45-SP..	Chamfering End Mills	Fasfräser	206
ACPBT..	Pipe Beveling Tools	Rohrendenanaswerkzeug	121
ADCR	Drill Chamfering Ring Tools	Fasing für Vollbohrer	189
ADKT-123-R/L ..	External Grooving Tool Holders	Außen - Stechhalter	138
ADKT-151.22-R/L ..	External Grooving Tool Holders	Außen - Stechhalter	139
ADKT-151.23-R/L ..	External Grooving Tool Holders	Außen - Stechhalter	139
ADKT-154.91-R/L ..	External Grooving Tool Holders	Außen - Stechhalter	140
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STFCR/L	Spare Parts Of Cartridge	Ersatzteile für Kassette	120
STFCR/L ..	Cartridge	Kassette	117
STFCR/L ..	External Tool Holders	Außen-Drehhalter	66
STFCR/L ..	Internal Tool Holders	Innen-Drehhalter	103
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STSCR/L ..	Cartridge	Kassette	118
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SVHCR/L ..	External Tool Holders	Außen-Drehhalter	69
SVJBR/L ..	External Tool Holders	Außen-Drehhalter	69
SVJBR/L ..	Internal Tool Holders	Innen-Drehhalter	104
SVJBR/L ...S	External Tool Holders Swiss Type	Außen-Drehhalter Swiss Type	74
SVJCR/L ..	External Tool Holders	Außen-Drehhalter	70
SVJCR/L ..	Internal Tool Holders	Innen-Drehhalter	107
SVJCR/L ...S	External Tool Holders Swiss Type	Außen-Drehhalter Swiss Type	75
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SVQCR/L ..	Internal Tool Holders	Innen-Drehhalter	105
SVUBR/L ..	Internal Tool Holders	Innen-Drehhalter	106
SVUCR/L ..	Internal Tool Holders	Innen-Drehhalter	106
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SVVCN ..	External Tool Holders	Außen-Drehhalter	71
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TCKNR/L ..	External Tool Holders	Außen-Drehhalter	31
TCLNR/L ..	External Tool Holders	Außen-Drehhalter	32
TCLNR/L ..	Internal Tool Holders	Innen-Drehhalter	80
TCMNN ..	External Tool Holders	Außen-Drehhalter	32
TCZNN ..	External Tool Holders	Außen-Drehhalter	33
TDHNR/L ..	External Tool Holders	Außen-Drehhalter	33
TDJNR/L ..	External Tool Holders	Außen-Drehhalter	34
TDNNN ..	External Tool Holders	Außen-Drehhalter	34
TD-NR/L ..	Internal Tool Holders	Innen-Drehhalter	80
TDQNR/L ..	Internal Tool Holders	Innen-Drehhalter	81
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TSKNR/L ..	External Tool Holders	Außen-Drehhalter	35
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TTJNR/L ..	External Tool Holders	Außen-Drehhalter	37
TT-NR/L ..	Internal Tool Holders	Innen-Drehhalter	82
TTUNR/L ..	Internal Tool Holders	Innen-Drehhalter	83
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TVJNR/L ..	External Tool Holders	Außen-Drehhalter	38
TVUNR/L ..	Internal Tool Holders	Innen-Drehhalter	83
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1015..	Spare Parts	Ersatzteile	332-333
1020..	Spare Parts	Ersatzteile	332-333
1108..	Spare Parts	Ersatzteile	332-333
1120..	Spare Parts	Ersatzteile	332-333
1204..	Spare Parts	Ersatzteile	332-333
1208..	Spare Parts	Ersatzteile	331
1210..	Spare Parts	Ersatzteile	331
1215..	Spare Parts	Ersatzteile	331

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1315..	Spare Parts	Ersatzteile	332-333
1415..	Spare Parts	Ersatzteile	332-333
1420..	Spare Parts	Ersatzteile	332-333
1510..	Spare Parts	Ersatzteile	332-333
1515..	Spare Parts	Ersatzteile	332-333
1520..	Spare Parts	Ersatzteile	332-333
1615..	Spare Parts	Ersatzteile	332-333
1620..	Spare Parts	Ersatzteile	332-333
1707..	Spare Parts	Ersatzteile	332-333
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1720..	Spare Parts	Ersatzteile	332-333
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2004..	Spare Parts	Ersatzteile	329
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2406..	Spare Parts	Ersatzteile	335
2407..	Spare Parts	Ersatzteile	335
2408..	Spare Parts	Ersatzteile	335
2503..	Spare Parts	Ersatzteile	335
2504..	Spare Parts	Ersatzteile	335
2505..	Spare Parts	Ersatzteile	335
2506..	Spare Parts	Ersatzteile	335
2508..	Spare Parts	Ersatzteile	335
2510..	Spare Parts	Ersatzteile	335
2514..	Spare Parts	Ersatzteile	335
2525..	Spare Parts	Ersatzteile	335
2600..	Spare Parts	Ersatzteile	334
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2703..	Spare Parts	Ersatzteile	334
2704..	Spare Parts	Ersatzteile	334
2715..	Spare Parts	Ersatzteile	334
2725..	Spare Parts	Ersatzteile	334
3006..	Spare Parts	Ersatzteile	332-333
3007..	Spare Parts	Ersatzteile	332-333
3008..	Spare Parts	Ersatzteile	332-333
3010..	Spare Parts	Ersatzteile	332-333
3015..	Spare Parts	Ersatzteile	332-333
3108..	Spare Parts	Ersatzteile	332-333
4006..	Spare Parts	Ersatzteile	332-333
4008..	Spare Parts	Ersatzteile	332-333
4010..	Spare Parts	Ersatzteile	332-333
4015..	Spare Parts	Ersatzteile	332-333
4020..	Spare Parts	Ersatzteile	332-333
4420..	Spare Parts	Ersatzteile	332-333
4615..	Spare Parts	Ersatzteile	332-333
80..	Spare Parts	Ersatzteile	337
81..	Spare Parts	Ersatzteile	337
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AADN..	Spare Parts	Ersatzteile	324
AAL..	Spare Parts	Ersatzteile	337
AARC..	Spare Parts	Ersatzteile	324
AASD..	Spare Parts	Ersatzteile	324
AASE..	Spare Parts	Ersatzteile	324
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AATN..	Spare Parts	Ersatzteile	324
AAV..	Spare Parts	Ersatzteile	326-327
AAVN..	Spare Parts	Ersatzteile	324
AAWN..	Spare Parts	Ersatzteile	324
AAV..	Spare Parts	Ersatzteile	330
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ALA..	Spare Parts	Ersatzteile	337
ALV..	Spare Parts	Ersatzteile	329
AMK..	Spare Parts	Ersatzteile	325
APL..	Spare Parts	Ersatzteile	329
APM..	Spare Parts	Ersatzteile	330
ATK..	Spare Parts	Ersatzteile	325
ATS..	Spare Parts	Ersatzteile	324

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