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2022
ÜRÜN BROŞÜRÜ
PRODUCT BROCHURE

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1986 yılında Abdullah KARAKUŞ tarafından kurulan AKKO Oto. Mak. Hırd. San. Tic. Ltd. Şti. Tornalama Takımları, Diş ve Kanal Açma Takımları, Delik Delme Takımları, Frezeleme Takımları ve Özel Takımları üretmektedir. Şu an 36,500 m² ye yakın bir alanda Türkiye, Japonya, Almanya, İsviçre gibi ülkelerin ürettikleri son teknoloji tezgah ve ekipmanlarıyla yıllık 400.000 adet üretim kapasitesiyle, standart 8000 çeşit takım üretimi yapmaktadır. Avrupa, Asya, Afrika, Güney Amerika, Kuzey Amerika ve Orta Doğu'da şimdilik 85 ülkeye ürün sevkiyatına devam etmekte olup 300.000 adet civarında üretilmiş ürün stoklarında mevcuttur. Firmaya, özel üretilen çelik hammadde işleme girer ve bütün üretim süreci bünyesinde gerçekleşir. Çeliğin işlenmesi, ısıtma işlemi, üzerindeki kaplama ve her türlü üretim süreci bir entegre tesis olan AKKO'da gerçekleşir.



We as AKKO Oto. Mak. Hird. 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 8000 kinds of tool holders with production capacity of 400.000 pieces per annum in an area about 36,500 square meter. We are going on exporting 85 countries including European, Asian, African, Asian, South American Countries, North American Countries and Middle East Countries. We keep ready about 300.000 pieces produced products in our stock. Steel Raw materials that we make produced especially for us are delivered our factory and all production process are made in our factory. All kind of process from machining of steel to heat treatment and coating on our tools are made in our integrated factory AKKO.





KALİTE KONTROLÜMÜZ ALTINDA

Yüksek teknolojiye sahip makinelerimizde üretilen ürünlerimiz ile önceliğimiz müşteri memnuniyetini sağlamaktır. Bu kapsamda mevcut laboratuvarımızda bulunan hassas ölçüm ve malzeme test cihazları ile uzman kadromuz tüm kalite kontrol proseslerini gerçekleştirmektedir. Hammadde giriş kontrolünden itibaren imalat proses sürecinde ara kontroller, imalat sonrası son kontroller ve sürekli iyileştirme çalışmaları yapılarak yüksek kalitede ürünler üretilmektedir. Firmamızın temel amacı en kaliteli ürünü, en ekonomik şekilde ve tam zamanında üretmektir.

UNDER OUR QUALITY CONTROL

Our priority is to provide customer satisfaction with our products produced in our high-tech machines. In this context, our expert staffs carries out all quality control processes with precision measurement and material testing devices in our current laboratory. High quality products are produced from the raw material with entry control through the use of intermediate controls, post-production final checks and continuous improvement studies in the manufacturing process. The main purpose of our company is to produce the highest quality products in the most economical way and on time.

Kesici Uçlar ve Takımları / Cutting Inserts and Toolholders

POLY-V Kanal Açma Uçları ve Takımları / POLY-V Grooving Inserts and Toolholders

 AKKO (T12P) UCUNA UYGUNDUR COMPATIBLE WITH AKKO (T12P) INSERT	ADKT-T12P-R/L-1616-T5 ADKT-T12P-R/L-2020-T5 ADKT-T12P-R/L-2525-T5 ADKT-T12P-R/L-3232-T5	 new	T12.10.0234.PJ.R T12.10.0356.PK.R T12.10.0470.PL.R
 new AKKO (T12P) UCUNA UYGUNDUR COMPATIBLE WITH AKKO (T12P) INSERT	ATPVK 2020 K2.34X4 ATPVK 2525 M2.34X4 ATPVK 3232 P2.34X4 ATPVK 2020 K3.56X4 ATPVK 2525 M3.56X4 ATPVK 3232 P3.56X4 ATPVK 2020 K4.7X3 ATPVK 2525 M4.7X3 ATPVK 3232 P4.7X3	 new	B26.07.0234.PJx4 B26.07.0356.PKx4 B26.07.0470.PLx3

Kanal Açma, Köşe Boşaltma Uçları ve Takımları / Inserts and Toolholders For Grooving Corner Reliefs

 AKKO (T20) UCUNA UYGUNDUR COMPATIBLE WITH AKKO (T20) INSERT	AAUT-T20-R/L-1616-45 AAUT-T20-R/L-2020-45 AAUT-T20-R/L-2525-45	 T20.00.0815.45.04R/L T20.00.1220.45.05R/L T20.00.2024.45.06R/L	 T20.00.1220.45.20R/L
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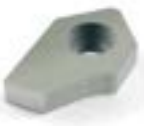
Broş Çekme Uçları ve Takımları / Broaching Inserts and Toolholders

 AKKO (B41-B42) UCUNA UYGUNDUR COMPATIBLE WITH AKKO (B41-B42) INSERT	ABT-B41-D17-Y25-L90-I040 ABT-B41-D17-Y25-L105-I065 ABT-B41-D22-Y25-L100-I050 ABT-B41-D22-Y25-L125-I070 ABT-B42-D30-Y32-L100-I050 ABT-B42-D30-Y32-L125-I075 ABT-B42-D30-Y32-L170-I110 ABT-B42-D38-Y32-L100-I050 ABT-B42-D38-Y32-L125-I075 ABT-B42-D40-Y32-L100-I050 ABT-B42-D40-Y32-L125-I075	 DIN6885 (Tolerans C11) torna ve freze tezgahlarında broş çekme uçları. DIN6885 (Tolerance C11) inserts for keyway broaching on lathe and milling machines.	B41.00.0612.085.VP3001 B41.00.0713.085.VP3001 B41.00.0813.105.VP3001 B42.00.1013.105.VP3001 B42.00.1215.135.VP3001 B42.00.1215.175.VP3001 B42.00.1215.225.VP3001
 DIN6885 (Tolerans P9) torna ve freze tezgahlarında broş çekme uçları. DIN6885 (Tolerance P9) inserts for keyway broaching on lathe and milling machines.	B41.00.0498.020.VP3001 B41.00.0598.020.VP3001 B41.00.0798.020.VP3001 B42.00.0998.030.VP3001 B42.00.1197.030.VP3001 B42.00.1397.030.VP3001	 DIN6885 (Tolerans JS9) torna ve freze tezgahlarında broş çekme uçları. DIN6885 (Tolerance JS9) inserts for keyway broaching on lathe and milling machines.	 Torna ve freze tezgahlarında kama kanalı pah kırma uçları. Inserts for keyway chamfering on lathe and milling machines. B41.00.0150.CH.VP3001 B41.00.0300.CH.VP3001 B42.00.0600.CH.VP3001

Kesici Uçlar ve Takımları / Cutting Inserts and Toolholders

06/07

Supap Yuvası İşleme Uçları ve Takımları / Valve Seat Inserts and Toolholders

 AKKO (B11) UCUNA UYGUNDUR COMPATIBLE WITH AKKO (B11) INSERT	VST-B11-2842 VST-B11-4058	 AKKO (B11) UCUNA UYGUNDUR COMPATIBLE WITH AKKO (B11) INSERT	VST-B11-1830	 AKKO (B11) UCUNA UYGUNDUR COMPATIBLE WITH AKKO (B11) INSERT	VST-B11-2032
	B11003 B11008 B11004 B11009 B11005 B11010 B11006 B11011 B11007 B11012	B11014 B11020 B11016 B11021 B11017 B11022 B11018 B11029 B11019 B11030		B11015 B11024 B11023 B11025	B11026 B11028 B11027
	B11013				

Whirling Uçları ve Takımları / Whirling Inserts and Toolholders

 AKKO (T09) UCUNA UYGUNDUR COMPATIBLE WITH AKKO (T09) INSERT	ATW-301-T09-D1240-Z06 ATW-302-T09-D1233-Z06 ATW-303-T09-D0620-Z06 ATW-304-T09-D1240-Z06 ATW-305-T09-D1245-Z06	ATW-306-T09-D1240-Z06 ATW-307-T09-D1250-Z06 ATW-308-T09-D1142-Z06 ATW-309-T09-D2054-Z08 ATW-310-T09-D1252-Z06	ATW-311-T09-D1252-Z06 ATW-312-T09-D1252-Z06 ATW-313-T09-D1650-Z06 ATW-314-T09-D2052-Z06 ATW-316-T09-D1252-Z06 ATW-315-T09-D1245-Z06	 Standart ISO 5835	T09.HA150.D12 T09.HA200.D12 T09.HA270.D12 T09.HA350.D12 T09.HA400.D12 T09.HA450.D12 T09.HA500.D12 T09.HB400.D12 T09.HB650.D12
 Standart ISO 5835	T09.HA150.D12 T09.HA200.D12 T09.HA270.D12 T09.HA350.D12 T09.HA400.D12 T09.HA450.D12 T09.HA500.D12 T09.HB400.D12 T09.HB650.D12	 Standart ISO 9268	T09.HC290.D12 T09.HC350.D12 T09.HC390.D12 T09.HC420.D12	 Standart ISO 9268	T09.HD400.D12 T09.HD450.D12

Diş Çap Tornalama Katerleri / External Turning Toolholders

 75° TCBNR / L	T Sistem/T System 2525 M16	 75° TCKNR / L	T Sistem/T System 2020 K12 2525 M12 3232 P12 2525 M16 3232 P16	 95° TCLNR / L	T Sistem/T System 2020 K12 2525 M12 3232 P12 4040 S12 5050 S12 2525 M16 3232 P16
 50° TCMNN	T Sistem/T System 1616 H12 2020 K12 2525 M12 3232 P12 2525 M16 3232 P16	 40° TCZNN	T Sistem/T System 2020 K12 2525 M12 3232 P12 2525 M16 3232 P16	 107.5° TDHNR / L	T Sistem/T System 2525 M11 2020 K15 2525 M15 3232 P15
 93° TDJNR / L	T Sistem/T System 1616 H11 2020 K11 2525 M11	2020 K15 2525 M15 3232 P15 4040 S15	2020 K1504 2525 M1504 3232 P1504 4040 S1504	 62.5° TDNNN	T Sistem/T System 1616 H11 2020 K11 2525 M11 2020 K15 2525 M15 3232 P15
 45° TSDNN	T Sistem/T System 1616 H12 2020 K12 2525 M12 3232 P12 3232 P15	 75° TSKNR / L	T Sistem/T System 2020 K12 2525 M12 3232 P12 3232 P15	 45° TSSNR / L	T Sistem/T System 2020 K12 2525 M12 3232 P12 2525 M15 3232 P15
 60° TTENN	T Sistem/T System 2020 K16 2525 M16 3232 P16 2525 M22 3232 P22	 90° TTGNR / L	T Sistem/T System 2020 K16 2525 M16 3232 P16 2525 M22 3232 P22 4040 S22	 93° TTJNR / L	T Sistem/T System 2020 K16 2525 M16 3232 P16 2525 M22 3232 P22
 107.5° TVHNR / L	T Sistem/T System 2020 K16 2525 M16 3232 P16	 93° TVJNR / L	T Sistem/T System 2020 K16 2525 M16 3232 P16	 72.5° TVVNN	T Sistem/T System 2020 K16 2525 M16 3232 P16

Dış Çap Tornalama Katerleri / External Turning Toolholders

08/09

	T Sistem/T System 1616 H06 2020 K06 2525 M06 2020 K08 2525 M08 3232 P08 4040 S08 95° TWLNR / L	T-Sistem İçten Soğutma Kanallı Dış Torna Katerleri / T-System External Turning Toolholders With Coolant Hole 	T Sistem/T System 2020 K12-H 2525 M12-H 3232 P12-H 95° TCLNR/L		T Sistem/T System 2020 K15-H 2525 M15-H 3232 P15-H 93° TDJNR/L
	T Sistem/T System 2525 M15-H 62.5° TDNNN		T Sistem/T System 2020 K08-H 2525 M08-H 3232 P08-H 95° TWLNR/L		M Sistem/M System 2020 K16 2525 M16 3232 P16 2525 M22 3232 P22 4040 S22 60° MTENN
	M Sistem/M System 2020 K16 2525 M16 3232 P16 93° MTJNR / L				M Sistem/M System 1616 H06 2020 K06 2525 M06 95° MWLNR / L
	M Sistem/M System 1616 H06 2020 K06 2525 M06 50° MWMNN				P Sistem/P System 2020 K12C 2525 M12C 3232 P12C 2525 M16C 3232 P16C 75° PCBNR / L
	P Sistem/P System 1616 H09 2020 K09 2525 M09 1616 H12 2020 K12C 2525 M12C 3232 P12C 95° PCLNR / L				P Sistem/P System 2020 K12C 2525 M12C 3232 P19C 4040 S19C 4040 S25C 50° PCMNN
	P Sistem/P System 1616 H11 2020 K11 2525 M11 2020 K15C 2525 M15C 3232 P15C 4040 S15C 93° PDJNR / L		P Sistem/P System 1616 H11 2020 K11 2525 M11 2020 K15C 2525 M15C 3232 P15C 62.5° PDNNN		P Sistem/P System 1616 H09 2020 K12C 2525 M12C 3232 P12C 2525 M15 3232 P15C 3232 P19C 4040 S19C 4040 S25C 5050 S25C 75° PSBNR / L

Diş Çap Tornalama Katerleri / External Turning Toolholders

	P Sistem/P System <table><tr><td>1616 H09 2020 K12C 2525 M12C 3232 P12C</td><td>2525 M15C 3232 P19C 4040 S25C</td></tr></table>	1616 H09 2020 K12C 2525 M12C 3232 P12C	2525 M15C 3232 P19C 4040 S25C		P Sistem/P System <table><tr><td>2020 K09 2020 K12C 2525 M12C 3232 P12C 2525 M15C 3232 P15C</td><td>3232 P19C 4040 S19C 4040 S25C 5050 S25C</td></tr></table>	2020 K09 2020 K12C 2525 M12C 3232 P12C 2525 M15C 3232 P15C	3232 P19C 4040 S19C 4040 S25C 5050 S25C				
1616 H09 2020 K12C 2525 M12C 3232 P12C	2525 M15C 3232 P19C 4040 S25C										
2020 K09 2020 K12C 2525 M12C 3232 P12C 2525 M15C 3232 P15C	3232 P19C 4040 S19C 4040 S25C 5050 S25C										
	P Sistem/P System <table><tr><td>1616 H09 2020 K09 2020 K12C 2525 M12C</td><td>3232 P12C 3232 P15C 3232 P19C 4040 S19C 4040 S25C</td></tr></table>	1616 H09 2020 K09 2020 K12C 2525 M12C	3232 P12C 3232 P15C 3232 P19C 4040 S19C 4040 S25C		P Sistem/P System <table><tr><td>1616 H16 2020 K16 2525 M16 3232 P16</td><td>2525 M22C 3232 P22C</td></tr></table>	1616 H16 2020 K16 2525 M16 3232 P16	2525 M22C 3232 P22C				
1616 H09 2020 K09 2020 K12C 2525 M12C	3232 P12C 3232 P15C 3232 P19C 4040 S19C 4040 S25C										
1616 H16 2020 K16 2525 M16 3232 P16	2525 M22C 3232 P22C										
	P Sistem/P System <table><tr><td>1616 H16 2020 K16 2525 M16 2525 M22C 3232 P22C</td><td></td></tr></table>	1616 H16 2020 K16 2525 M16 2525 M22C 3232 P22C			P Sistem/P System <table><tr><td>1616 H16 2020 K16 2525 M16 3232 P16 2525 M22C 3232 P22C 4040 S27</td><td></td></tr></table>	1616 H16 2020 K16 2525 M16 3232 P16 2525 M22C 3232 P22C 4040 S27			P Sistem/P System <table><tr><td>1616 H16 2020 K16 2525 M16 3232 P16 2525 M22C 3232 P22C</td><td></td></tr></table>	1616 H16 2020 K16 2525 M16 3232 P16 2525 M22C 3232 P22C	
1616 H16 2020 K16 2525 M16 2525 M22C 3232 P22C											
1616 H16 2020 K16 2525 M16 3232 P16 2525 M22C 3232 P22C 4040 S27											
1616 H16 2020 K16 2525 M16 3232 P16 2525 M22C 3232 P22C											
	P Sistem/P System <table><tr><td>1616 H06 2020 K06 2525 M06 1616 H08 2020 K08C 2525 M08C 3232 P08C</td><td></td></tr></table>	1616 H06 2020 K06 2525 M06 1616 H08 2020 K08C 2525 M08C 3232 P08C		P-Sistem İçten Soğutma Kanallı Dış Torna Katerleri / P-System External Turning Toolholders With Coolant Hole							
1616 H06 2020 K06 2525 M06 1616 H08 2020 K08C 2525 M08C 3232 P08C											
	P Sistem/P System <table><tr><td>2020 K12-H 2525 M12-H 3232 P12-H</td><td></td></tr></table>	2020 K12-H 2525 M12-H 3232 P12-H			P Sistem/P System <table><tr><td>2020 K15-H 2525 M15-H 3232 P15-H</td><td></td></tr></table>	2020 K15-H 2525 M15-H 3232 P15-H					
2020 K12-H 2525 M12-H 3232 P12-H											
2020 K15-H 2525 M15-H 3232 P15-H											
	P Sistem/P System <table><tr><td>2525 M15-H</td><td></td></tr></table>	2525 M15-H			P Sistem/P System <table><tr><td>2020 K08-H 2525 M08-H</td><td></td></tr></table>	2020 K08-H 2525 M08-H			C Sistem/C System <table><tr><td>2020 K16 2525 M16 3232 P16 4040 S16</td><td></td></tr></table>	2020 K16 2525 M16 3232 P16 4040 S16	
2525 M15-H											
2020 K08-H 2525 M08-H											
2020 K16 2525 M16 3232 P16 4040 S16											
	C Sistem Seramik C System Ceramic <table><tr><td>2525 M1207C 3232 P1207C 2525 M1607C</td><td></td></tr></table>	2525 M1207C 3232 P1207C 2525 M1607C			C Sistem Seramik C System Ceramic <table><tr><td>2525 M06CV 3225 P06CV 4040 S06CV</td><td>2525 M09CV 3225 P09CV 4040 S09CV</td><td>2525 M12CV 3225 P12CV 4040 S12CV</td></tr></table>	2525 M06CV 3225 P06CV 4040 S06CV	2525 M09CV 3225 P09CV 4040 S09CV	2525 M12CV 3225 P12CV 4040 S12CV			
2525 M1207C 3232 P1207C 2525 M1607C											
2525 M06CV 3225 P06CV 4040 S06CV	2525 M09CV 3225 P09CV 4040 S09CV	2525 M12CV 3225 P12CV 4040 S12CV									

Dış Çap Tornalama Katerleri / External Turning Toolholders

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 C Sistem Seramik <i>C System Ceramic</i> 3225 P06CV 3225 P09CV 3225 P12CV - CRDCR / L	 C Sistem Seramik <i>C System Ceramic</i> 2525 M1107C 2525 M1507C 3232 P1507C 93° CDJNR / L	 C Sistem Seramik <i>C System Ceramic</i> 2525 M1107C 62.5° CDNND
 C Sistem Seramik <i>C System Ceramic</i> 2525 M1207C 3232 P1207C 45° CSDNN	 C Sistem Seramik <i>C System Ceramic</i> 2525 M1207C 3232 P1207C 75° CSKNR / L	 C Sistem Seramik <i>C System Ceramic</i> 2525 M1207C 3232 P1207C 75° CSRNR / L
 C Sistem Seramik <i>C System Ceramic</i> 2525 M1207C 3232 P1207C 45° CSSNR / L	 C Sistem Seramik <i>C System Ceramic</i> 2525 M1607C 3232 P1607C 93° CTJNR / L	 C Sistem Seramik <i>C System Ceramic</i> 0808 E06 1010 E06 1212 F09 1616 H09 2020 K09 2020 K12 2525 M12-Z 2525 M12 90° SCACR / L
 S Sistem/S System 0808 E06 1010 E06 1212 F06 1212 F09 50° SCMCN	 S Sistem/S System 0808 E06 1010 E06 1212 F06 1010 E09 1212 F09 1616 H09 2020 K09 95° SCLCR / L	1616 H09 2020 K12 2525 M12 2525 M09 1616 H12 2020 K12-Z 2020 K12 2525 M12-Z 2525 M12
 S Sistem/S System 0808 E07 1010 E07 1212 F07 1616 H07 1616 H11 2020 K11 2525 M 11 3232 P11 107.5° SDHCR / L	 S Sistem/S System 0808 E07 1010 E07 1212 F07 1616 H07 1616 H11 2020 K11 2525 M 11 3232 P11 93° SDJCR / L	 S Sistem/S System 0808 E07 1010 E07 1212 F07 1616 H07 1616 H11 2020 K11 2525 M 11 3232 P11 62.5° SDNCN
 S Sistem/S System 3232 P12C -° SRDCR / L	 S Sistem/S System 1616 H06 2020 K06 2525 M06 1616 H08C 2020 K08C 2525 M08C -° SRDCN	1616 H10C 2020 K10C 2525 M10C 3232 P10C 2020 K12C 2525 M12C 3232 P12C 2525 M16C 3232 P16C 2525 M20C 3232 P20C 3232 P25C 3232 P32C

Diş Çap Tornalama Katerleri / External Turning Toolholders

 1° SRGCR / L	S Sistem/S System 1616 H06 2020 K06 1616 H08C 2020 K08C 2525 M08C 1616 H10C 2020 K10C 2525 M10C 3232 P10C 2020 K12C 2525 M12C 3232 P12C	 20° SRHCR / L	S Sistem/S System 2525 K06 2525 K08 2525 K10 2525 K12 2525 K16
 1° SRXCR / L	S Sistem/S System 3232 X08C 3232 X10C 3232 X12C	 45° SSDCN	S Sistem/S System 1212 F09 1616 H09-Z 1616 H09 2020 K09-Z 2020 K09 1616 H12-Z 1616 H12 2020 K12 2525 M12 0808 E09 1010 E09 1212 F11 1616 H11 1616 H16 2020 K16 2525 M16 3232 P16
 45° SSSCR / L	S Sistem/S System 1212 F09 1616 H09-Z 1616 H09 2020 K09-Z 2020 K09 1616 H12 2020 K12-Z 2020 K12 2525 M12-Z 2525 M12	 90° STFCR / L	S Sistem/S System 0808 E09 1010 E09 1212 F11 1616 H11 1616 H16 2020 K16 2525 M16 3232 P16
 93° STJCR / L	S Sistem/S System 0808 E09 1010 E09 1212 F11 1616 H11 1616 H16 2020 K16 2525 M16 3232 P16	 90° STCCN	S Sistem/S System 2020 L11 2525 M11 1616 K16 2020 M16 2525 P16 3232 R16 2525 P22
 93° STUCR / L	S Sistem/S System 0808 E09 1010 E09 1212 F11 1616 H11 2020 K16 2525 M16 3232 P16	 107.5° SVHBR / L	S Sistem/S System 1212 F11 1616 H11 2020 K11 2020 K16 2525 M16 3232 P16
 107.5° SVHCR / L	S Sistem/S System 1212 F11 1616 H11 2020 K11 2020 K16 2525 M16 3232 P16	 93° SVJBR / L	S Sistem/S System 1212 F11 1616 H11 2020 K11 1616 H16 2020 K16 2525 M16 3232 P16
 93° SVJCR / L	S Sistem/S System 1212 F11 1616 H11 2020 K11 2525 M11 1212 F16 2020 K16 2525 M16 3232 P16	 72.5° SVVBN	S Sistem/S System 1212 F11 1616 H11 2020 K11 2020 K16 2525 M16 3232 P16
 72.5° SVVCN	S Sistem/S System 1212 F11 1616 H11 2020 K11 2020 K16 2525 M16 3232 P16		

Dış Çap Tornalama Katerleri / External Turning Toolholders

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	S Sistem İsviçre Tipi / S System Swiss Type <table><tr><td>0808 X06-S</td><td>1212 K09-S</td></tr><tr><td>1010 K06-S</td><td>1616 K09-S</td></tr><tr><td>1212 G06-S</td><td>2020 K09-S</td></tr><tr><td>1212 K06-S</td><td></td></tr></table>	0808 X06-S	1212 K09-S	1010 K06-S	1616 K09-S	1212 G06-S	2020 K09-S	1212 K06-S			S Sistem İsviçre Tipi / S System Swiss Type <table><tr><td>0808 X07-S</td><td>1212 K11-S</td></tr><tr><td>1010 K07-S</td><td>1616 F11-S</td></tr><tr><td>1212 K07-S</td><td>1616 K11-S</td></tr><tr><td>1616 F07-S</td><td>2020 K11-S</td></tr><tr><td>1616 K07-S</td><td></td></tr></table>	0808 X07-S	1212 K11-S	1010 K07-S	1616 F11-S	1212 K07-S	1616 K11-S	1616 F07-S	2020 K11-S	1616 K07-S									
0808 X06-S	1212 K09-S																												
1010 K06-S	1616 K09-S																												
1212 G06-S	2020 K09-S																												
1212 K06-S																													
0808 X07-S	1212 K11-S																												
1010 K07-S	1616 F11-S																												
1212 K07-S	1616 K11-S																												
1616 F07-S	2020 K11-S																												
1616 K07-S																													
90° SCACR / L		90° SDACR / L																											
	S Sistem İsviçre Tipi / S System Swiss Type <table><tr><td>1216 K11-S</td><td></td></tr><tr><td>1616 K11-S</td><td></td></tr><tr><td>1216 K16-S</td><td></td></tr><tr><td>1616 K16-S</td><td></td></tr></table>	1216 K11-S		1616 K11-S		1216 K16-S		1616 K16-S			S Sistem İsviçre Tipi / S System Swiss Type <table><tr><td>0808 X06-S</td><td>1212 G09-S</td></tr><tr><td>1010 X06-S</td><td>1212 X09-S</td></tr><tr><td>1212 G06-S</td><td>1616 F09-S</td></tr><tr><td>1212 X06-S</td><td>1616 G09-S</td></tr><tr><td>1212 K06-S</td><td>1616 X09-S</td></tr><tr><td>1616 F06-S</td><td>2020 X09-S</td></tr><tr><td>1616 X06-S</td><td></td></tr></table>	0808 X06-S	1212 G09-S	1010 X06-S	1212 X09-S	1212 G06-S	1616 F09-S	1212 X06-S	1616 G09-S	1212 K06-S	1616 X09-S	1616 F06-S	2020 X09-S	1616 X06-S					
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1212 K06-S	1616 X09-S																												
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1616 K11-S																													
93° SVJBR / L		93° SVJCR / L																											

	SEC Tools 1212-L84-H 1616-L90-H		SEC Tools 12X43.3-07 12X43.3-07-H 16X43.3-07 16X43.3-07-H 12X43.3-11 12X43.3-11-H 16X43.3-11 16X43.3-11-H		SEC Tools 12-43.3-11 12-43.3-11-H 16-43.3-11 16-43.3-11-H
- ASTB		93° SDJCR / L		93° SVJCR / L	

 	SEC Tools 12x43.3-11 16x43.3-11 16x43.3-16
- SER/L-	



DETAYLI BİLGİ İÇİN BARKODU OKUTUNUZ
SCAN ME FOR MORE DETAILS

Delik İçi Tornalama Katerleri / Boring Bars

	T Sistem/T System S25S TCLNR/L 09-Z S25S TCLNR/L 09 S25S TCLNR/L 12-Z S25S TCLNR/L 12 S32T TCLNR/L 12 S40U TCLNR/L 12 S50V TCLNR/L 12 S32T TCLNR/L 16 S40U TCLNR/L 16 S50V TCLNR/L 16		T Sistem/T System S32T TD-NR/L 15 S40U TD-NR/L 15 S50V TD-NR/L 15
95° TCLNR / L		62.5° TD-NR / L	
	T Sistem/T System S25S TDQNR/L 11-Z S25S TDQNR/L 11 S32T TDQNR/L 11 S25S TDQNR/L 15 S32T TDQNR/L 15 S40U TDQNR/L 15 S50V TDQNR/L 15		T Sistem/T System S25S TDUNR/L 11-Z S25S TDUNR/L 11 S32T TDUNR/L 11 S25S TDUNR/L 15 S32T TDUNR/L 15 S40U TDUNR/L 15 S50V TDUNR/L 15
107.5° TDQNR / L		93° TDUNR / L	T Sistem/T System S25S TSKNR/L 12-Z S25S TSKNR/L 12 S32T TSKNR/L 12 S40U TSKNR/L 12
	T Sistem/T System S25S TT-NR/L 16-Z S25S TT-NR/L 16 S32T TT-NR/L 16		T Sistem/T System S25S TTUNR/L 16-Z S25S TTUNR/L 16 S32T TTUNR/L 16 S25S TTUNR/L 22 S32T TTUNR/L 22 S40U TTUNR/L 22 S50V TTUNR/L 22
60° TT-NR / L		93° TTUNR / L	T Sistem/T System S25S TVUNR/L 16 S32T TVUNR/L 16 S40U TVUNR/L 16
	T Sistem/T System S25S TWLNR/L 06-Z S25S TWLNR/L 06 S32T TWLNR/L 06 S25S TWLNR/L 08-Z S25S TWLNR/L 08 S32T TWLNR/L 08 S40U TWLNR/L 08 S50V TWLNR/L 08 A32S TWLNR/L 08 A40T TWLNR/L 08 A50U TWLNR/L 08		C Sistem/C System S25S CKUNR/L 16 S32T CKUNR/L 16 S40U CKUNR/L 16 S50V CKUNR/L 16
95° TWLNR / L		93° CKUNR / L	
	M Sistem/M System S20R MCLNR/L 12 S25S MCLNR/L 12-Z S25S MCLNR/L 12 S32T MCLNR/L 12		M Sistem/M System S20R MDUNR/L 11 S25S MDUNR/L 11 S25S MDUNR/L 15-Z S25S MDUNR/L 15 S32T MDUNR/L 15 S40U MDUNR/L 15 S50V MDUNR/L 15
95° MCLNR / L		93° MDUNR / L	M Sistem/M System S20R MTFNR/L 16 S25S MTFNR/L 16 S32T MTFNR/L 16 S40U MTFNR/L 16 S32T MTFNR/L 22 S40U MTFNR/L 22 S50V MTFNR/L 22
	M Sistem/M System S20R MT-NR/L 16 S25S MT-NR/L 16-Z S25S MT-NR/L 16 S32T MT-NR/L 16 S40U MT-NR/L 16 S32T MT-NR/L 22 S40U MT-NR/L 22 S50U MT-NR/L 22		M Sistem/M System S20R MTQNR/L 16 S25S MTQNR/L 16-Z S25S MTQNR/L 16 S32T MTQNR/L 16 S40U MTQNR/L 16 S32T MTQNR/L 22 S40U MTQNR/L 22 S50V MTQNR/L 22
60° MT-NR / L		107.5° MTQNR / L	M Sistem/M System S20R MTUNR/L 16 S25S MTUNR/L 16-Z S25S MTUNR/L 16 S32T MTUNR/L 16 S40U MTUNR/L 16 S50V MTUNR/L 16 S32T MTUNR/L 22 S40U MTUNR/L 22 S50V MTUNR/L 22
			93° MTUNR / L



M Sistem/M System

S16P MWLNR/L 06
S20R MWLNR/L 06
S25S MWLNR/L 06
S25S MWLNR/L 08-Z
S25S MWLNR/L 08
S32T MWLNR/L 08
S40U MWLNR/L 08

95° **MWLNR / L**



P Sistem/P System

S16P PCLNR/L 09
S20R PCLNR/L 09
S25S PCLNR/L 09
S25S PCLNR/L 12C
S32T PCLNR/L 12C
S40U PCLNR/L 12C
S50V PCLNR/L 12C
S32T PCLNR/L 16C

95° **PCLNR / L**

S40U PCLNR/L 16C
S50V PCLNR/L 16C
S40U PCLNR/L 19C
S50V PCLNR/L 19C
A20P PCLNR/L 09
A25R PCLNR/L 12C
A32S PCLNR/L 12C

A40T PCLNR/L 12C
A50U PCLNR/L 12C
A32S PCLNR/L 16C
A40T PCLNR/L 16C
A50U PCLNR/L 16C
A40T PCLNR/L 19C
A50U PCLNR/L 19C



P Sistem/P System

S20R PDQNR/L 11 S32T PDQNR/L 1504 A32S PDQNR/L 15
S25S PDQNR/L 11 S40U PDQNR/L 1504 A40T PDQNR/L 15
S32T PDQNR/L 15 S50V PDQNR/L 1504 A50U PDQNR/L 15
S40U PDQNR/L 15 A20P PDQNR/L 11 A32S PDQNR / L 1504
S50V PDQNR/L 15 A25R PDQNR/L 11 A40T PDQNR / L 1504

107.5° **PDQNR / L**



P Sistem/P System

S20R PDUNR/L 11 A20P PDUNR/L 11
S25S PDUNR/L 11 A25R PDUNR/L 11
S25S PDUNR/L 15 A32S PDUNR/L 11
S32T PDUNR/L 15 A32S PDUNR/L 15
S40U PDUNR/L 15 A40T PDUNR/L 15
S50V PDUNR/L 15 A50U PDUNR/L 15

93° **PDUNR / L**



P Sistem/P System

S32T PDXNR/L 15
S40U PDXNR/L 15
S50V PDXNR/L 15

93° **PDXNR / L**



P Sistem/P System

S25S PSKNR/L 12C
S32T PSKNR/L 12C
S40U PSKNR/L 12C
S50V PSKNR/L 12C
S32T PSKNR/L 15C
S40U PSKNR/L 15C
S50V PSKNR/L 15C
A25R PSKNR/L 12C
A32S PSKNR/L 12C
A40T PSKNR/L 12C
A50U PSKNR/L 12C
A32S PSKNR/L 15C
A40T PSKNR/L 15C
A50U PSKNR/L 15C

75° **PSKNR / L**



P Sistem/P System

S16P PTUNR/L 16
S20R PTUNR/L 16
S25S PTUNR/L 16C
S32T PTUNR/L 16C
S40U PTUNR/L 16C
S32T PTUNR/L 22C
S40U PTUNR/L 22C
S50V PTUNR/L 22C
A16M PTUNR/L 16
A20P PTUNR/L 16
A25R PTUNR/L 16C
A32S PTUNR/L 16C
A40T PTUNR/L 16C
A32S PTUNR/L 22C
A40T PTUNR/L 22C

93° **PTUNR / L**



P Sistem/P System

A25R PTFNR/L 16C
A32S PTFNR/L 16C

90° **PTFNR / L**



P Sistem/P System

S20R PWLNR/L 06
S25S PWLNR/L 06
S32T PWLNR/L 06

95° **PWLNR / L**

S25S PWLNR/L 08C
S32T PWLNR/L 08C
S40U PWLNR/L 08C
S50V PWLNR/L 08C
A16M PWLNR/L 06
A20P PWLNR/L 06

A25R PWLNR/L 06
A32S PWLNR/L 06
A40T PWLNR/L 06C
A25R PWLNR/L 08C
A32S PWLNR/L 08C
A40T PWLNR/L 08C
A50U PWLNR/L 08C



S Sistem/S System

S08H SCFCR/L 06
S10K SCFCR/L 06
S12K SCFCR/L 06

90° **SCFCR / L**

S12K SCFCR/L 09
S16P SCFCR/L 09
S20R SCFCR/L 09

S25S SCFCR/L 09-Z
S25S SCFCR/L 09
S25S SCFCR/L 12



S Sistem/S System

S10K SD-CR/L 07
S12K SD-CR/L 07
S16P SD-CR/L 07
S20R SD-CR/L 07
S16P SD-CR/L 11
S20R SD-CR/L 11
S25S SD-CR/L 11-Z
S25S SD-CR/L 11
S32T SD-CR/L 11
S40U SD-CR/L 11

62.5° **SD-CR / L**



S Sistem/S System

S0608H SCLCR/L 03
S0608H SCLCR/L 06
S08H SCLCR/L 06
S10K SCLCR/L 06
S12K SCLCR/L 06
S1216P SCLCR/L 06
S16P SCLCR/L 06

95° **SCLCR / L**

S12K SCLCR/L 09
S1416P SCLCR/L 09
S16P SCLCR/L 09
S1620R SCLCR/L 09
S20R SCLCR/L 09
S25S SCLCR/L 09-Z
S25S SCLCR/L 09

S32T SCLCR/L 09
S25S SCLCR/L 12-Z
S25S SCLCR/L 12
S32T SCLCR/L 12
S40U SCLCR/L 12
A08H SCLCR/L 06
A10H SCLCR/L 06

A12H SCLCR/L 06
A16M SCLCR/L 09
A20P SCLCR/L 09
A25R SCLCR/L 09
A32S SCLCR/L 09
A25R SCLCR/L 12



S Sistem/S System

S10K SDPCR/L 07
S12K SDPCR/L 07
S16P SDPCR/L 11
S20R SDPCR/L 11
S25S SDPCR/L 11

117.5° **SDPCR / L**

Delik İçi Tornalama Katerleri / Boring Bars

	S Sistem/S System S16P SRGCR/L 08 S20R SRGCR/L 08 S25S SRGCR/L 08C S32T SRGCR/L 08C S40U SRGCR/L 08C A16M SRGCR/L 08 A20P SRGCR/L 08 A25R SRGCR/L 08C A32S SRGCR/L 08C A40T SRGCR/L 08C		S Sistem/S System S10K SDQCR/L 07 S12K SDQCR/L 07 S16P SDQCR/L 07 S20R SDQCR/L 07	S Sistem/S System S16P SDQCR/L 11 S20R SDQCR/L 11 S25S SDQCR/L 11-Z S25S SDQCR/L 11 S32T SDQCR/L 11 S40U SDQCR/L 11	S Sistem/S System A10H SDQCR/L 07 A12H SDQCR/L 07 A16M SDQCR/L 07 A20P SDQCR/L 07 A16M SDQCR/L 11 A20P SDQCR/L 11 A25R SDQCR/L 11 A32S SDQCR/L 11
-°	SRGCR / L	107.5°	SDQCR / L		

	S Sistem/S System S0810K SDUCR/L 07 S10K SDUCR/L 07 S12K SDUCR/L 07 S1216P SDUCR/L 07 S1416P SDUCR/L 07 S16P SDUCR/L 07 S20R SDUCR/L 07	S Sistem/S System S1416P SDUCR/L 11 S16P SDUCR/L 11 S1620R SDUCR/L 11 S20R SDUCR/L 11 S25S SDUCR/L 11-Z S25S SDUCR/L 11 S32T SDUCR/L 11	S Sistem/S System S40U SDUCR/L 11 S50V SDUCR/L 11 A0810H SDUCR/L 07 A10H SDUCR/L 07 A12H SDUCR/L 07 A16M SDUCR/L 07 A20P SDUCR/L 07	S Sistem/S System A16M SDUCR/L 11 A20P SDUCR/L 11 A25R SDUCR/L 11 A32S SDUCR/L 11	
93°	SDUCR / L				

	S Sistem/S System S12K SDXCR/L 07 S16P SDXCR/L 07 S20R SDXCR/L 07 S16P SDXCR/L 11 S20R SDXCR/L 11 S25S SDXCR/L 11 S32T SDXCR/L 11 S40U SDXCR/L 11 A12H SDXCR/L 07 A16M SDXCR/L 07 A20P SDXCR/L 07 A16M SDXCR/L 11 A20P SDXCR/L 11 A25R SDXCR/L 11 A32S SDXCR/L 11		S Sistem/S System S16P SSSCR/L 09 S20R SSSCR/L 09 S25S SSSCR/L 09 S25S SSSCR/L 09-Z S25S SSSCR/L 12 S32T SSSCR/L 12 S40U SSSCR/L 12		S Sistem/S System S12K ST-CR/L 11 S16P ST-CR/L 11 S20R ST-CR/L 11 S16P ST-CR/L 16 S20R ST-CR/L 16 S25S ST-CR/L 16-Z S25S ST-CR/L 16 S32T ST-CR/L 16 S40U ST-CR/L 16
93°	SDXCR / L	45°	SSSCR / L	60°	ST-CR / L

	S Sistem/S System S0610F STFCR/L 06 S08H STFCR/L 06 S10K STFCR/L 09 S12K STFCR/L 09	S Sistem/S System S12K STFCR/L 11 S16P STFCR/L 11 S20R STFCR/L 11 S25S STFCR/L 16-Z S25S STFCR/L 16 S32T STFCR/L 16 A10H STFCR/L 11 A12H STFCR/L 11 A16M STFCR/L 11		S Sistem/S System S10K STUCR/L 09 S12K STUCR/L 09 S12K STUCR/L 11 S16P STUCR/L 11 S20R STUCR/L 11	S Sistem/S System S16P STUCR/L 16 S20R STUCR/L 16 S25S STUCR/L 16 S32T STUCR/L 16 S40U STUCR/L 16 A10H STUCR/L 09 A12H STUCR/L 09	S Sistem/S System A12H STUCR/L 11 A16M STUCR/L 11 A20P STUCR/L 11 A16M STUCR/L 16 A20P STUCR/L 16 A25R STUCR/L 16 A32S STUCR/L 16
90°	STFCR / L		93°	STUCR / L		

	S Sistem/S System S08H STUPR/L 0802 S10K STUPR/L 1103 S12K STUPR/L 1103 S12M STUPR/L 1103 S16P STUPR/L 1103 S16R STUPR/L 1103 A20R STUPR/L 1103		S Sistem/S System S25S SVJBR/L 16 S32T SVJBR/L 16 S40U SVJBR/L 16		S Sistem/S System S12K SVJCR/L 11 S16P SVJCR/L 11 S20R SVJCR/L 11 A12H SVJCR/L 11 A16M SVJCR/L 11 A20P SVJCR/L 11
93°	STUPR / L	93°	SVJBR / L	93°	SVJCR / L

	S Sistem/S System S16P SVQBR/L 11 S20R SVQBR/L 11 S25S SVQBR/L 16-Z S25S SVQBR/L 16 S32T SVQBR/L 16 S40U SVQBR/L 16 A20Q SVQBR/L 11 A20Q SVQBR/L 16 A25S SVQBR/L 16 A32S SVQBR/L 16		S Sistem/S System S16P SVQCR/L 11 S20R SVQCR/L 11 S25S SVQCR/L 16 S32T SVQCR/L 16 S40U SVQCR/L 16 A16M SVQCR/L 11 A20P SVQCR/L 11 A25R SVQCR/L 16 A32S SVQCR/L 16 A40T SVQCR/L 16		S Sistem/S System S16P SVUBR/L 11 S20R SVUBR/L 11 S25S SVUBR/L 16-Z S25S SVUBR/L 16 S32T SVUBR/L 16 S40U SVUBR/L 16 A20Q SVUBR/L 16 A32S SVUBR/L 16
107.5°	SVQBR / L	107.5°	SVQCR / L	93°	SVUBR / L

Delik İçi Tornalama Katerleri / Boring Bars

16/17

 93° SVUCR / L	S Sistem/S System S16P SVUCR/L 11 S20R SVUCR/L 11 S25S SVUCR/L 16-Z S32T SVUCR/L 16 S40U SVUCR/L 16 A12K SVUCR/L 07 A20Q SVUCR/L 11 A25R SVUCR/L 16	 93° SVXBR / L	S Sistem/S System S16P SVXBR/L 1102 S20R SVXBR/L 1102 S16P SVXBR/L 11 S20R SVXBR/L 11 S25S SVXBR/L 16 S32T SVXBR/L 16 S40U SVXBR/L 16	 95° SWLCR	S Sistem/S System S0608H SWLCR 03 S0810K SWLCR 03
 93° SWUBR	S Sistem/S System S08H SWUBR 06-5.5 S08H SWUBR 06-7 S0610H SWUBR 06	 95° SCLCR / L	S Sistem Karbür Şaftlı S System Carbide Shank C06J SCLCR/L 06 E08K SCLCR/L 06 E10M SCLCR/L 06 E12Q SCLCR/L 06 E16R SCLCR/L 09 E20S SCLCR/L 09	 93° SDUCR / L	S Sistem Karbür Şaftlı S System Carbide Shank E10M SDUCR/L 07 E12Q SDUCR/L 07 E16R SDUCR/L 11 E20S SDUCR/L 11
 90° STFCR/L	S Sistem/S System E10M STFCR/L 09 E12Q STFCR/L 09 E12Q STFCR/L 11	 93° STUPR/L	S Sistem/S System E12Q STUPR/L 1103 E16R STUPR/L 1103		

S-Sistem Delik İçi Tornalama Kater Setleri / S-System Boring Bars Sets

 95° SET-A/SCLCR/L	S Sistem/S System A08H SCLCR/L 06 A10H SCLCR/L 06 A12H SCLCR/L 06 A16M SCLCR/L 09	 95° SET-E/SCLCR/L	S Sistem/S System E08K SCLCR/L 06 E10M SCLCR/L 06 E12Q SCLCR/L 06 E16R SCLCR/L 09	 95° SET-S/SCLCR/L	S Sistem/S System S08H SCLCR/L 06 S10K SCLCR/L 06 S12K SCLCR/L 06 S16P SCLCR/L 09
 93° SET-A/SDUCR/L	S Sistem/S System A10H SDUCR/L 07 A12H SDUCR/L 07 A16M SDUCR/L 11	 93° SET-E/SDUCR/L	S Sistem/S System E10M SDUCR/L 07 E12Q SDUCR/L 07 E16R SDUCR/L 11	 93° SET-S/SDUCR/L	S Sistem/S System S10K SDUCR/L 07 S12K SDUCR/L 07 S16P SDUCR/L 11

Kartuşlar / Cartridges

	S Sistem/S System S10X SCACR/L 06 S10A SCACR/L 06 S1018 SCACR/L 06 S1065 SCACR/L 06 S10C SCACR/L 06 S12B SCACR/L 06 S12D SCACR/L 06 S12D SCACR/L 09	S1265 SCACR/L 09 S12H SCACR/L 09 S15C SCACR/L 09 S1554 SCACR/L 09 S15E SCACR/L 09 S15D SCACR/L 09 S16A SCACR/L 09 S16B SCACR/L 09	S16C SCACR/L 09 S16D SCACR/L 09 S16E SCACR/L 09 S16G SCACR/L 09 S16H SCACR/L 09 S1868 SCACR/L 09 S18E SCACR/L 09 S1888 SCACR/L 09	S18105 SCACR/L 09 S18175 SCACR/L 09 S20E SCACR/L 09 S20E SCACR/L 12 S20H SCACR/L 12	
90° SCACR / L					
	S Sistem/S System S10X SCMCN 06 S12D SCMCN 06 S16C SCMCN 09 S16D SCMCN 09		S Sistem/S System S12D SRSCN 10 S14D SRSCN 10 S16D SRSCN 10		S Sistem/S System STXCR/L 2020 B16 STXCR/L 2020 E16 STXCR/L 2020 B16-SA STXCR/L 2020 E16-SA STXCR/L 2020 B16-PL STXCR/L 2020 E16-PL STXCR/L 2020 H16-PL
50° SCMCN		- SRSCN		-° STXCR / L	
	S Sistem/S System 06CA 06 08CA 06 10CA 09 12CA 12 16CA 12		S Sistem/S System 06CA 06 10CA 09 12CA 12		S Sistem/S System 10CA 09 12CA 12
90° SCFCR / L		45° SCSCR / L		75° SSKCR / L	
	S Sistem/S System 08CA 09 10CA 11 12CA 16 16CA 16		S Sistem/S System 08CA 09 10CA 11 12CA 16		S Sistem/S System 08CA 09 10CA 11
90° STFCR / L		45° STSCR / L		60° STTCR / L	
	P Sistem/P System 16CA 12		P Sistem/P System 12CA 16 16CA 16		P Sistem/P System 16CA 12
75° PSKNR / L		90° PTFNR / L		75° PSRNR / L	
	P Sistem/P System S22D PSDNN 12C				
45° PSDNN					

Tırlamaz Takımlar / Antivibration Tools

18/19



ATTB

Tırlamaz Takımların Gövdesi / Anti Vibration Tools Shank

ATTB-D16-156-7D-H	ATTB-D32-416-10D-H
ATTB-D16-204-10D-H-E	ATTB-D40-408-7D-H
ATTB-D20-200-7D-H	ATTB-D40-528-10D-H
ATTB-D20-260-10D-H-E	ATTB-D50-519-7D-H
ATTB-D25-255-7D-H	ATTB-D50-669-10D-H
ATTB-D25-330-10D-H	ATTB-D60-628-7D-H
ATTB-D32-320-7D-H	ATTB-D60-808-10D-H



SDUCR / L

Kartuşlar / Cartridges

ATTC-A16 SDUCR/L 07
ATTC-A20 SDUCR/L 11
ATTC-A25 SDUCR/L 11
ATTC-A32 SDUCR/L 11
ATTC-A40 SDUCR/L 11



SCFCR / L

Kartuşlar / Cartridges

ATTC-A16 SCLCR/L 06
ATTC-A20 SCLCR/L 09
ATTC-A25 SCLCR/L 09
ATTC-A32 SCLCR/L 09
ATTC-A40 SCLCR/L 12



SVUCR / L

Kartuşlar / Cartridges

ATTC-A20 SVUCR/L 11
ATTC-A25 SVUCR/L 11
ATTC-A32 SVUCR/L 16
ATTC-A40 SVUCR/L 16



TCLNR / L

Kartuşlar / Cartridges

ATTC-A32 TCLNR/L 12
ATTC-A40 TCLNR/L 12



ATTC

Merkeziye Aparatı / Centering Instrument

ATTC-16-25
ATTC-32-60

Boru Pahlama Takımları / Pipe Beveling and Chamfering Tools



Takım Kodu Tool Code	Dmax D in	Dmin D out	Max (Dout-Din)
ACPBT-1	27-52	52	18-36
ACPBT-2	27-49	52	25-36
ACPBT-3	48-75	75	41
ACPBT-4	51-75	75	51
ACPBT-5	22-35	35	22
ACPBT-6	15-35	35	15
ACPBT-7	49-53	75	32-36
ACPBT-8	49	75	33-37



Takım Kodu Tool Code	D1 Dmax	Dmin
ACPBT-9	38	24
ACPBT-10	78	64

D2	Dmax	Dmin
15	43	1
29		



ÖTG-TC..

Takım Adı/Tool Code

ÖTG-TC11-4IL
ÖTG-TC11-4IR
ÖTG-TC16-1AL
ÖTG-TC16-1AR
ÖTG-TC16-2DL
ÖTG-TC16-2DR
ÖTG-TC16-3IL
ÖTG-TC16-3IR

Dış Çap ve Delik İçi Diş Açma Takımları / External and Internal Threading Toolholders



SER / L

Dış Çap Diş Açma İsviçre Tipi Kayar Otomat Makina Katerleri / External Threading Toolholders For Swiss Type Sliding Automatic Lathes

1010 K11-S
1212 K11-S



SER / L

Dış Çap Diş Açma/External Threading Toolholders

0808 E11	2525 M16C	2525 M16C-T
1010 E11	3232 P16C	2525 M22C-T
1212 F 11	2525 M22C	2020 K16C-S
1616 H11	3232 P22C	2525 M16C-S
2020 H11	4040 S22C	3232 P16C-S
1616 H16C		
2020 K16C		



TER / L

Dış Çap Diş Açma/External Threading Toolholders

1616 H16
2020 K16
2525 M16
3232 P16
2525 M22
3232 P22
4040 S22
2525 M27
3232 P27
4040 S27



SIR / L

Delik İçi Diş Açma Takımları/Internal Threading Toolholders

S12X05H 06	S16M 16	S25R 22C
S16X05H 06	S20x16P 16	S32S 22C
S16X07M 08	S20P 16	S40T 22C
S10H 11	S25R 16C	S50U 22C
S12K 11	S32S 16C	S25R 16C-T
S16X10M 11	S40T 16C	S32S 16C-T
S16X13M 11	S50U 16C	S25R 22C-T
S16M 11	S20P 22	S32S 22C-T
S16x13M 16		

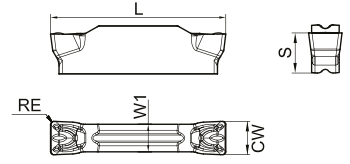


TIR / L

Delik İçi Diş Açma Takımları/Internal Threading Toolholders

A25R 16
A32S 16
A40T 16
S25R 16
S32S 16
S40T 16
S50U 16
S25R 22
S32S 22
S40T 22
S50U 22
S32S 27
S40T 27
S50U 27

Kesme ve Kanal Açma Uçları / Parting and Grooving Inserts



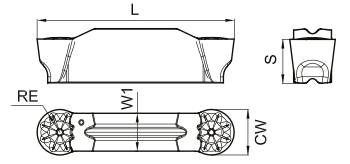
AGD-MT

AKKO Çift Taraflı Kesme Uçları
AKKO Grooving Double Side



Sipariş Kodu Ordering Code	Ölçü / Dimension (mm)					Kaplama Karbürleri / Coated Carbides		
	CW±0.05	RE±0.05	L	W1	S	AP1225	AK1115	AA4230
AGD2002-MT	2.0	0.2	16.0	1.2	3.5	●	●	●
AGD2502-MT	2.5	0.2	18.5	2.0	3.85	●	●	●
AGD3004-MT	3.0	0.4	21.2	2.35	4.8	●	●	●
AGD4004-MT	4.0	0.4	21.0	3.3	4.8	●	●	●
AGD5004-MT	5.0	0.4	26.0	4.1	5.8	●	●	●
AGD5008-MT	5.0	0.8	26.0	4.1	5.8	●	●	●
AGD6004-MT	6.0	0.4	26.0	5.0	5.8	●	●	●
AGD6008-MT	6.0	0.8	26.0	5.0	5.8	●	●	●
AGD8008-MT	8.0	0.8	31.0	6.0	6.5	●	●	●

● Stok Stock ○ Talep Edilmesi Halinde Üretililecek Available upon order



AGD-MR

AKKO Çift Taraflı Kesme Uçları
AKKO Grooving Double Side



Sipariş Kodu Ordering Code	Ölçü / Dimension (mm)					Kaplama Karbürleri / Coated Carbides			
	CW±0.05	RE±0.05	L	W1	S	AP1105	AP1225	AK1115	AA4230
AGD2010-MR	2.0	1.0	16.0	1.2	3.5	●	●	●	●
AGD3015-MR	3.0	1.5	21.2	2.35	4.8	●	●	●	●
AGD4020-MR	4.0	2.0	21.0	3.3	4.8	●	●	●	●
AGD5025-MR	5.0	2.5	26.0	4.1	5.8	●	●	●	●
AGD6030-MR	6.0	3.0	26.0	5.0	5.8	●	●	●	●
AGD8040-MR	8.0	4.0	31.0	6.0	6.5	●	●	●	●

● Stok Stock ○ Talep Edilmesi Halinde Üretililecek Available upon order

ISO	İs Parçası Malzemesi Workpiece Material	Sertlik Hardness (HB)	Kesme Hızı / Cutting Speed Vc m/min						
			AP1105	AP1225	AK1115	AS3115	AS3125	AA4230	AS9125
P	Düşük Karbonlu Çelik Low Carbon Steel	80 – 170	120 (80-220)	120 (80-220)		70 (50-100)	70 (50-100)	110 (70-180)	
	Yüksek Karbonlu Çelik High Carbon Steel	170 – 250	120 (80-220)	120 (80-220)				110 (70-150)	
	Düşük Alaşımli Çelik Low-alloy Steel	140 – 260	110 (60-180)	110 (60-180)		70 (50-100)	70 (50-100)	(40-150)	
	Yüksek Alaşımli Çelik High-alloy Steel	180 – 300	110 (60-180)	110 (60-180)				110 (40-150)	
	Dökme Çelik Cast Steel	180 – 300	110 (60-180)	110 (60-180)				110 (40-150)	
M	Ferritik / Martenzitik Ferritic / Martensitic	150 – 270				90 (50-150)	90 (30-180)	110 (40-180)	
	Östenitik Austenitic	150 – 270				90 (50-150)	90 (30-180)	(40-180)	
K	Dövülebilir Dökme Demir Malleable Cast Iron	150 – 230			130 (50-200)			(50-180)	
	Gri Dökme Demir Gray Cast Iron	150 – 230			130 (50-200)			110 (50-180)	
	Sferö Döküm Demir Nodular Cast Iron	160 – 260			100 (50-150)			100 (50-150)	
S	Isıya Dayanıklı Alaşımlar Heat-resistant Alloy	130 – 400				35 (15-60)	35 (15-70)		
	Titanyum Alaşımlar Titanium Alloys	130 – 400				35 (15-60)	35 (15-70)		35 (15-60)

Dış Çap Kanal Açma Takımları / External Grooving Toolholders

	ADKT-K-R/L-1212-1.5-T15 ADKT-K-R/L-2020-1.5-T15 ADKT-K-R/L-1212-2-T15 ADKT-K-R/L-1616-2-T10 ADKT-K-R/L-1616-2-T15 ADKT-K-R/L-2020-2-T15 ADKT-K-R/L-2525-2-T15 ADKT-K-R/L-3232-2-T15 ADKT-K-R/L-1212-3-T15	ADKT-K-R/L-1616-3-T15 ADKT-K-R/L-2020-3-T20 ADKT-K-R/L-2020-3-R28 ADKT-K-R/L-2525-3-R15 ADKT-K-R/L-2525-3-T22 ADKT-K-R/L-3232-3-T22 ADKT-K-R/L-2020-4-T20 ADKT-K-R/L-2020-4-R25 ADKT-K-R/L-2525-4-T18	ADKT-K-R/L-2525-4-T22 ADKT-K-R/L-3232-4-T22 ADKT-K-R/L-2020-5-T20 ADKT-K-R/L-2525-5-T18 ADKT-K-R/L-2525-5-T25 ADKT-K-R/L-3232-5-T25 ADKT-K-R/L-2525-6-T25 ADKT-K-R/L-3232-6-T25 ADKT-K-R/L-3232-8-T32		ADKT-KG-R/L-2020-4-T20 ADKT-KG-R/L-2525-2-T8 ADKT-KG-R/L-2525-2-T15 ADKT-KG-R/L-2525-2-T17 ADKT-KG-R/L-1616-3-T20 ADKT-KG-R/L-2020-3-T20 ADKT-KG-R/L-2525-3-T10 ADKT-KG-R/L-2525-3-T13 ADKT-KG-R/L-2525-3-T22	ADKT-KG-R/L-2020-4-T20 ADKT-KG-R/L-2525-4-T10 ADKT-KG-R/L-2525-4-T16 ADKT-KG-R/L-2525-4-T22 ADKT-KG-R/L-2525-5-T12 ADKT-KG-R/L-2525-5-T15 ADKT-KG-R/L-2525-5-T25 ADKT-KG-R/L-2525-6-T25
AKKO (AGD) / KRLY - JD (MGM.) UCUNA UYGUNDUR COMPATIBLE WITH AKKO (AGD) / KRLY - JD (MGM.) INSERT				KRLY (KG.) UCUNA UYGUNDUR COMPATIBLE WITH KRLY (KG.) INSERT		
	ADKT-H-R/L-2020-3-T20 ADKT-H-R/L-2525-3-T22 ADKT-H-R/L-2525-3-T26 ADKT-H-R/L-2020-4-T20 ADKT-H-R/L-2525-4-T22 ADKT-H-R/L-3232-4-T22 ADKT-H-R/L-2020-5-T20 ADKT-H-R/L-2525-5-T25 ADKT-H-R/L-2525-6-T25		ADKT-HK-R/L-1616-2-T15 ADKT-HK-R/L-2020-2-T15 ADKT-HK-R/L-2525-2-T15 ADKT-HK-R/L-2020-3-T20 ADKT-HK-R/L-2525-3-T22 ADKT-HK-R/L-2020-4-T20 ADKT-HK-R/L-2525-4-T22 ADKT-HS223-R/L-2020-2-T15 ADKT-HS223-R/L-2020-3-T17		ADKT-ZCC1-R/L-2020-3-T20 ADKT-ZCC1-R/L-2525-3-T22 ADKT-ZCC1-R/L-2020-4-T20 ADKT-ZCC1-R/L-2525-4-T22	
HRN (S229) UCUNA UYGUNDUR COMPATIBLE WITH HRN (S229) INSERT		HRN (S224-S223) UCUNA UYGUNDUR COMPATIBLE WITH HRN (S224-S223) INSERT		ZCC (ZQMX) UCUNA UYGUNDUR COMPATIBLE WITH ZCC (ZQMX) INSERT		
	ADKT-ZCC2-R/L-1616-2-T15 ADKT-ZCC2-R/L-2020-2-T7 ADKT-ZCC2-R/L-2020-2-T15 ADKT-ZCC2-R/L-2525-2-T15 ADKT-ZCC2-R/L-1616-2.5-T15 ADKT-ZCC2-R/L-2020-2.5-T17 ADKT-ZCC2-R/L-2525-2.5-T15 ADKT-ZCC2-R/L-1616-3-T15 ADKT-ZCC2-R/L-1616-3-T17 ADKT-ZCC2-R/L-1616-3-T20	ADKT-ZCC2-R/L-2020-3-T12 ADKT-ZCC2-R/L-2020-3-T20 ADKT-ZCC2-R/L-2020-3-R21 ADKT-ZCC2-R/L-2020-3-R25 ADKT-ZCC2-R/L-2525-3-T12 ADKT-ZCC2-R/L-2525-3-T22 ADKT-ZCC2-R/L-2525-3-R30 ADKT-ZCC2-R/L-2020-4-T12 ADKT-ZCC2-R/L-2020-4-T20 ADKT-ZCC2-R/L-2525-4-T12	ADKT-ZCC2-R/L-2525-4-T22 ADKT-ZCC2-R/L-2020-5-T12 ADKT-ZCC2-R/L-2020-5-T20 ADKT-ZCC2-R/L-2525-5-T12 ADKT-ZCC2-R/L-2525-5-T25 ADKT-ZCC2-R/L-3232-5-T25 ADKT-ZCC2-R/L-2020-6-T20 ADKT-ZCC2-R/L-2525-6-T25 ADKT-ZCC2-R/L-3232-6-T25 ADKT-ZCC2-R/L-3232-6-T30		ADKT-KM-R/L-2020-2-T15 ADKT-KM-R/L-2525-2-T15 ADKT-KM-R/L-2020-3-T20 ADKT-KM-R/L-2525-3-T22 ADKT-KM-R/L-2525-4-T22	
ZCC (Z.D) UCUNA UYGUNDUR COMPATIBLE WITH ZCC (Z.D) INSERT				KNMTL (A4.) UCUNA UYGUNDUR COMPATIBLE WITH KNMTL (A4.) INSERT		
	ADKT-I-R/L-1212-2-T15 ADKT-I-R/L-1616-2-T15 ADKT-I-R/L-2020-2-T15 ADKT-I-R/L-2525-2-T15 ADKT-I-R/L-3232-2-T15 ADKT-I-R/L-1212-3-T15 ADKT-I-R/L-1616-3-T15 ADKT-I-R/L-2020-3-T12 ADKT-I-R/L-2020-3-T20 ADKT-I-R/L-2525-3-T12 ADKT-I-R/L-2525-3-T22 ADKT-I-R/L-3232-3-T22	ADKT-I-R/L-2020-4-T20 ADKT-I-R/L-2525-4-T12 ADKT-I-R/L-2525-4-T22 ADKT-I-R/L-3232-4-T25 ADKT-I-R/L-2020-5-T20 ADKT-I-R/L-2525-5-T12 ADKT-I-R/L-2525-5-T25 ADKT-IG-R/L-1616-3-T18 ADKT-IG-R/L-2020-3-T12 ADKT-IG-R/L-2020-3-R20 ADKT-IG-R/L-2525-3-T12 ADKT-IG-R/L-2525-3-T22	ADKT-IGI-R/L-2020-2-T15 ADKT-IGI-R/L-2525-2-T15 ADKT-IGI-R/L-1616-3-T15 ADKT-IGI-R/L-2020-3-T20 ADKT-IGI-R/L-2525-3-T9 ADKT-IGI-R/L-2525-3-T22 ADKT-IGI-R/L-2525-4-T22 ADKT-IGI-R/L-2525-5-T25 ADKT-IGI-R/L-2525-8-T30 ADKT-IGTN-R/L-2525-5-T25 ADKT-IDC-R/L-2525-3-T21		ADKT-ITG-R/L-2020-3-T8 ADKT-ITG-R/L-2525-3-T8 ADKT-ITG-R/L-3232-3-T8 ADKT-ITG-R/L-2020-4-T9 ADKT-ITG-R/L-2525-4-T17 ADKT-ITG-R/L-3232-4-T17 ADKT-ITG-R/L-3232-5-T25	
ISCR (DGN-GRP-GIM-GTN-DCE) UCUNA UYGUNDUR COMPATIBLE WITH ISCR (DGN-GRP-GIM-GTN-DCE) INSERT				ISCR (TGM.) UCUNA UYGUNDUR COMPATIBLE WITH ISCR (TGM.) INSERT		

Kanal Açma Takımları / Grooving Toolholders



SNDVK (123) UCUNA UYGUNDUR
COMPATIBLE WITH SNDVK (123) INSERT

ADKT-123-R/L-1212-1.5-R15
ADKT-123-R/L-1616-1.5-R15
ADKT-123-R/L-1616-2-T15
ADKT-123-R/L-2020-2-T8
ADKT-123-R/L-2020-2-T15
ADKT-123-R/L-2525-2-T8
ADKT-123-R/L-2525-2-T15
ADKT-123-R/L-3232-2-T15
ADKT-123-R/L-1616-3-T10
ADKT-123-R/L-1616-3-T15
ADKT-123-R-2020-3-T10
ADKT-123-R-2020-3-T15

ADKT-123-R/L-2020-3-T20
ADKT-123-R-2525-3-T10
ADKT-123-R-2525-3-T15
ADKT-123-R/L-2525-3-T22
ADKT-123-R/L-2020-4-T20
ADKT-123-R-2525-4-T13
ADKT-123-R/L-2525-4-T22
ADKT-123-R/L-3232-4-T25
ADKT-123-R/L-2020-5-T20
ADKT-123-R/L-2525-5-T25
ADKT-123-R/L-3232-6-T15



SNDVK (151.2) UCUNA UYGUNDUR
COMPATIBLE WITH SNDVK (151.2) INSERT

ADKT-151.22-R/L-1616-2-T15
ADKT-151.22-R/L-2020-2-T15
ADKT-151.22-R/L-2525-2-T15
ADKT-151.22-R/L-1616-3-T15
ADKT-151.22-R/L-2020-3-T20
ADKT-151.22-R/L-2525-3-T22

ADKT-151.22-R/L-1616-4-T15
ADKT-151.22-R/L-2020-4-T20
ADKT-151.22-R/L-2525-4-T22
ADKT-151.22-R/L-2020-5-T20
ADKT-151.22-R/L-2525-5-T25



SNDVK (151.2) UCUNA UYGUNDUR
COMPATIBLE WITH SNDVK (151.2) INSERT

ADKT-151.23-R/L-1616-2-T15
ADKT-151.23-R/L-2020-2-T15
ADKT-151.23-R/L-2525-2-T15
ADKT-151.23-R/L-1616-2.5-T15
ADKT-151.23-R/L-2020-2.5-T15
ADKT-151.23-R/L-2525-2.5-T15
ADKT-151.23-R/L-1212-3-T15
ADKT-151.23-R/L-1616-3-T15

ADKT-151.23-R/L-2020-3-T20
ADKT-151.23-R/L-2525-3-T20
ADKT-151.23-R/L-2525-3-T22
ADKT-151.23-R/L-1616-4-T15
ADKT-151.23-R/L-2020-4-T20
ADKT-151.23-R/L-2525-4-T22
ADKT-151.23-R/L-2020-5-T20
ADKT-151.23-R/L-2525-5-T25



SNDVK (154.91) UCUNA UYGUNDUR
COMPATIBLE WITH SNDVK (154.91) INSERT

ADKT-154.91-R/L-2020-3-T4
ADKT-154.91-R/L-2525-3-T4
ADKT-154.91-R/L-2020-5-T5
ADKT-154.91-R/L-2525-5-T5



ARN (LOMR) UCUNA UYGUNDUR
COMPATIBLE WITH ARN (LOMR) INSERT

ADKT-ARN-R/L-2020-2-T15
ADKT-ARN-R/L-2525-2-T15
ADKT-ARN-R/L-2020-3-T20
ADKT-ARN-R/L-2525-3-T22



TGTC (TD.) UCUNA UYGUNDUR
COMPATIBLE WITH TGTC (TD.) INSERT

ADKT-TD-R/L-1212-2-T15
ADKT-TD-R/L-1616-2-T8
ADKT-TD-R/L-1616-2-T15
ADKT-TD-R/L-2020-2-T9
ADKT-TD-R/L-2020-2-T15
ADKT-TD-R/L-2020-2-T17
ADKT-TD-R/L-2020-2-T20
ADKT-TD-R/L-2525-2-T8
ADKT-TD-R/L-2525-2-T17

ADKT-TD-R/L-1212-3-T15
ADKT-TD-R/L-1616-3-T15
ADKT-TD-R/L-2020-3-T12
ADKT-TD-R/L-2020-3-T20
ADKT-TD-R/L-2020-3-T25
ADKT-TD-R/L-2020-3-T30
ADKT-TD-R/L-2525-3-T9
ADKT-TD-R/L-2525-3-T12
ADKT-TD-R/L-2525-3-T22

ADKT-TD-R/L-2525-3-T25
ADKT-TD-R/L-2525-3-T30
ADKT-TD-R/L-3232-3-T25
ADKT-TD-R/L-2525-4-T10
ADKT-TD-R/L-2525-4-T15
ADKT-TD-R/L-2525-4-T22
ADKT-TD-R/L-2525-4-T25
ADKT-TD-R/L-2525-4-T30
ADKT-TD-R/L-2525-5-T25



TGTC (RD.) UCUNA UYGUNDUR
COMPATIBLE WITH TGTC (RD.) INSERT

ADKT-RD-R/L-1616-2-T17
ADKT-RD-R/L-2020-2-T17
ADKT-RD-R/L-2525-2-T17
ADKT-RD-R/L-1616-3-T20
ADKT-RD-R/L-2020-3-T25
ADKT-RD-R/L-2525-3-T25
ADKT-RD-R/L-2020-4-T30
ADKT-RD-R/L-2525-4-T30



SMTM (WCF) UCUNA UYGUNDUR
COMPATIBLE WITH SMTM (WCF) INSERT

ADKT-SWC-R/L-2020-2-T25
ADKT-SWC-R/L-2020-3-T25



TNGLY (DGM) UCUNA UYGUNDUR
COMPATIBLE WITH TNGLY (DGM) INSERT

ADKT-TG-R/L-1616-2-R17
ADKT-TG-R/L-2020-2-T8
ADKT-TG-R/L-2020-2-R12
ADKT-TG-R/L-2020-2-R17
ADKT-TG-R/L-2525-2-R12
ADKT-TG-R/L-2525-2-R17
ADKT-TG-R/L-1616-3-T20
ADKT-TG-R/L-2020-3-T12
ADKT-TG-R/L-2020-3-T20

ADKT-TG-R/L-2525-3-T9
ADKT-TG-R/L-2525-3-T20
ADKT-TG-R/L-2525-3-R25
ADKT-TG-R/L-2525-4-T15
ADKT-TG-R/L-2525-4-T20
ADKT-TG-R/L-2525-4-T25
ADKT-TG-R/L-2525-5-T12
ADKT-TG-R/L-2525-5-T25
ADKT-TG-R/L-2525-5-T32



SMTM (GCM) UCUNA UYGUNDUR
COMPATIBLE WITH SMTM (GCM) INSERT

ADKT-SGC-R/L-1212-2-R15
ADKT-SGC-R/L-1616-2-R15
ADKT-SGC-R/L-2020-2-R20
ADKT-SGC-R/L-2525-2-R20
ADKT-SGC-R/L-1212-3-R15
ADKT-SGC-R/L-1616-3-R15
ADKT-SGC-R/L-2020-3-R22
ADKT-SGC-R/L-2525-3-R15
ADKT-SGC-R/L-2525-3-R22
ADKT-SGC-R/L-2525-4-R25



HRN (S312) UCUNA UYGUNDUR
COMPATIBLE WITH HRN (S312) INSERT

ADKT-H22-R/L-1616-(0.5-2)-T6
ADKT-H22-R/L-2020-(0.5-2)-T6
ADKT-H22-R/L-2525-(0.5-2)-T6



WLTR (GX16-GX24) UCUNA UYGUNDUR
COMPATIBLE WITH WLTR (GX16-GX24) INSERT

ADKT-WGX16-R/L-2020-2-R16
ADKT-WGX16-R/L-2525-2-R16
ADKT-WGX24-R/L-2020-3-T20
ADKT-WGX24-R/L-2525-3-T22
ADKT-WGX24-R/L-3232-3-T22
ADKT-WGX24-R/L-2525-4-T22
ADKT-WGX24-R/L-2525-5-T25
ADKT-WGX24-R/L-3232-5-T25



PLBT (GP) UCUNA UYGUNDUR
COMPATIBLE WITH PLBT (GP) INSERT

ADKT-GP-R/L-2020-2-T15
ADKT-GP-R/L-2525-2-T15
ADKT-GP-R/L-2020-3-T20
ADKT-GP-R/L-2525-3-T22
ADKT-GP-R/L-2525-4-T22
ADKT-GP-R/L-2525-5-T25



CRTZT (GX24) UCUNA UYGUNDUR
COMPATIBLE WITH CRTZT (GX24) INSERT

ADKT-CD-R/L-2020-3-R20
ADKT-CD-R/L-2525-3-R23



LMNA (GCTX) UCUNA UYGUNDUR
COMPATIBLE WITH LMNA (GCTX) INSERT

ADKT-LGC-R/L-1616-2-D40
ADKT-LGC-R/L-2020-2-D40
ADKT-LGC-R/L-2525-2-D40
ADKT-LGC-R/L-1616-3-T20
ADKT-LGC-R/L-2020-3-T20
ADKT-LGC-R/L-2525-3-T20

Dış Çap Kanal Açma İsviçre Tipi Kayar Otomat Takımları External Grooving Toolholders For Swiss Type Sliding Automatic Lathes

 TGTC (TD.) UCUNA UYGUNDUR COMPATIBLE WITH TGTC (TD.) INSERT	ADKT-TD-R/L-1212-2-T12-K-S ADKT-TD-R/L-1616-2-T16-K-S ADKT-TD-R/L-1212-3-T12-K-S ADKT-TD-R/L-1616-3-T16-K-S	 AKKO (AGD) / KRLY - JD (MGM.) UCUNA UYGUNDUR COMPATIBLE WITH AKKO (AGD) / KRLY - JD (MGM.) INSERT	ADKT-K-R/L-1212-2-R12-K-S ADKT-K-R/L-1616-2-R16-K-S ADKT-K-R/L-1212-3-R12-K-S ADKT-K-R/L-1616-3-R16-K-S	 ZCC (Z..D) UCUNA UYGUNDUR COMPATIBLE WITH ZCC (Z..D) INSERT	ADKT-ZCC2-R/L-1010-2-T12-K-S ADKT-ZCC2-R/L-1212-2-T12-K-S ADKT-ZCC2-R/L-1616-2-R16-K-S ADKT-ZCC2-R/L-1212-3-T12-K-S			
 KRLY (KG.) UCUNA UYGUNDUR COMPATIBLE WITH KRLY (KG.) INSERT	ADKT-KG-R/L-1212-2-R12-K-S ADKT-KG-R/L-1616-2-R16-K-S ADKT-KG-R/L-1212-3-R12-K-S ADKT-KG-R/L-1616-3-R16-K-S	 ISCR (DGN) UCUNA UYGUNDUR COMPATIBLE WITH ISCR (DGN) INSERT	ADKT-I-R/L-0808-2-R10-S ADKT-I-R/L-1010-2-R10-K-S ADKT-I-R/L-1212-2-R12-K-S ADKT-I-R/L-1616-3-R16-K-S	 WLTR (GX16-GX24) UCUNA UYGUNDUR COMPATIBLE WITH WLTR (GX16-GX24) INSERT	ADKT-WGX16-R/L-1212-2-R12-K-S ADKT-WGX16-R/L-1616-2-R16-K-S ADKT-WGX24-R/L-1616-3-R16-K-S			
 TGTC (RD.) UCUNA UYGUNDUR COMPATIBLE WITH TGTC (RD.) INSERT	ADKT-RD-R/L-1212-2-T12-K-S ADKT-RD-R/L-1616-2-T17-K-S ADKT-RD-R/L-1212-3-T12-K-S	 TNGLY (DGM) UCUNA UYGUNDUR COMPATIBLE WITH TNGLY (DGM) INSERT	ADKT-TG-R/L-1212-2-R12-K-S ADKT-TG-R/L-1212-3-R12-K-S	 İçten Soğutma Kanallı Dış Çap Kanal Açma Takımları / External Grooving Toolholders With Coolant Hole ADKT-K-R/L-2020-3-T20-H ADKT-K-R/L-2525-3-T22-H ADKT-K-R/L-2020-4-T20-H ADKT-K-R/L-2525-4-T22-H ADKT-K-R/L-2525-5-T25-H AKKO (AGD) / KRLY - JD (MGM.) UCUNA UYGUNDUR COMPATIBLE WITH AKKO (AGD) / KRLY - JD (MGM.) INSERT				
 TGTC (TD.) UCUNA UYGUNDUR COMPATIBLE WITH TGTC (TD.) INSERT	ADKT-TD-R/L-2020-3-T30-H	Dış Çap Alın Kanal Açma Takımları / Face Grooving Toolholders <table><tr><td> AAKT-K-R/L-2525-34-45-3-T17 AAKT-K-R/L-2525-39-55-3-T17 AAKT-K-R/L-2525-49-80-3-T17 AAKT-K-R/L-2525-70-110-3-T17 AAKT-K-R/L-2525-100-150-3-T17 AAKT-K-R/L-2525-80-180-3-T32 AAKT-K-R/L-2525-175-215-3-T22 AAKT-K-R/L-2525-700-800-3-T17 AAKT-K-R/L-2525-50-85-4-T22 AKKO (AGD) / KRLY - JD (MGM.) UCUNA UYGUNDUR COMPATIBLE WITH AKKO (AGD) / KRLY - JD (MGM.) INSERT </td><td> AAKT-K-R/L-2525-70-110-4-T22 AAKT-K-R/L-2525-100-150-4-T22 AAKT-K-R/L-2525-80-180-4-T32 AAKT-K-R/L-2525-180-800-4-T32 AAKT-K-R/L-2525-70-110-5-T25 AAKT-K-R/L-2525-100-150-5-T25 AAKT-K-R/L-2525-80-180-5-T32 AAKT-K-R/L-2525-140-200-5-T25 AAKT-K-R/L-2525-180-800-5-T32 </td><td> AAKT-K-R/L-2525-60-100-6-T25 AAKT-K-R/L-2525-60-100-6-T35 AAKT-K-R/L-2525-100-200-6-T25 AAKT-K-R/L-2525-100-200-6-T35 AAKT-K-R/L-2525-100-200-6-T45 AAKT-K-R/L-2525-140-300-6-T35 AAKT-K-R/L-2525-140-300-8-T35 AAKT-K-R/L-3232-140-350-8-T35 </td></tr></table>				 AAKT-K-R/L-2525-34-45-3-T17 AAKT-K-R/L-2525-39-55-3-T17 AAKT-K-R/L-2525-49-80-3-T17 AAKT-K-R/L-2525-70-110-3-T17 AAKT-K-R/L-2525-100-150-3-T17 AAKT-K-R/L-2525-80-180-3-T32 AAKT-K-R/L-2525-175-215-3-T22 AAKT-K-R/L-2525-700-800-3-T17 AAKT-K-R/L-2525-50-85-4-T22 AKKO (AGD) / KRLY - JD (MGM.) UCUNA UYGUNDUR COMPATIBLE WITH AKKO (AGD) / KRLY - JD (MGM.) INSERT	AAKT-K-R/L-2525-70-110-4-T22 AAKT-K-R/L-2525-100-150-4-T22 AAKT-K-R/L-2525-80-180-4-T32 AAKT-K-R/L-2525-180-800-4-T32 AAKT-K-R/L-2525-70-110-5-T25 AAKT-K-R/L-2525-100-150-5-T25 AAKT-K-R/L-2525-80-180-5-T32 AAKT-K-R/L-2525-140-200-5-T25 AAKT-K-R/L-2525-180-800-5-T32	AAKT-K-R/L-2525-60-100-6-T25 AAKT-K-R/L-2525-60-100-6-T35 AAKT-K-R/L-2525-100-200-6-T25 AAKT-K-R/L-2525-100-200-6-T35 AAKT-K-R/L-2525-100-200-6-T45 AAKT-K-R/L-2525-140-300-6-T35 AAKT-K-R/L-2525-140-300-8-T35 AAKT-K-R/L-3232-140-350-8-T35
 AAKT-K-R/L-2525-34-45-3-T17 AAKT-K-R/L-2525-39-55-3-T17 AAKT-K-R/L-2525-49-80-3-T17 AAKT-K-R/L-2525-70-110-3-T17 AAKT-K-R/L-2525-100-150-3-T17 AAKT-K-R/L-2525-80-180-3-T32 AAKT-K-R/L-2525-175-215-3-T22 AAKT-K-R/L-2525-700-800-3-T17 AAKT-K-R/L-2525-50-85-4-T22 AKKO (AGD) / KRLY - JD (MGM.) UCUNA UYGUNDUR COMPATIBLE WITH AKKO (AGD) / KRLY - JD (MGM.) INSERT	AAKT-K-R/L-2525-70-110-4-T22 AAKT-K-R/L-2525-100-150-4-T22 AAKT-K-R/L-2525-80-180-4-T32 AAKT-K-R/L-2525-180-800-4-T32 AAKT-K-R/L-2525-70-110-5-T25 AAKT-K-R/L-2525-100-150-5-T25 AAKT-K-R/L-2525-80-180-5-T32 AAKT-K-R/L-2525-140-200-5-T25 AAKT-K-R/L-2525-180-800-5-T32	AAKT-K-R/L-2525-60-100-6-T25 AAKT-K-R/L-2525-60-100-6-T35 AAKT-K-R/L-2525-100-200-6-T25 AAKT-K-R/L-2525-100-200-6-T35 AAKT-K-R/L-2525-100-200-6-T45 AAKT-K-R/L-2525-140-300-6-T35 AAKT-K-R/L-2525-140-300-8-T35 AAKT-K-R/L-3232-140-350-8-T35						
 ZCC (Z..D) UCUNA UYGUNDUR COMPATIBLE WITH ZCC (Z..D) INSERT	AAKT-ZCC2-R/L-2525-140-180-2-T4 AAKT-ZCC2-R/L-2525-35-45-3-T17 AAKT-ZCC2-R/L-2525-39-55-3-T17 AAKT-ZCC2-R/L-2525-49-80-3-T17 AAKT-ZCC2-R/L-2525-70-110-3-T15 AAKT-ZCC2-R/L-2525-70-110-3-T17 AAKT-ZCC2-R/L-2525-100-150-3-T17	AAKT-ZCC2-R/L-2525-40-60-4-T22 AAKT-ZCC2-R/L-2525-52-80-4-T22 AAKT-ZCC2-R/L-2525-72-110-4-T22 AAKT-ZCC2-R/L-2525-100-150-4-T22 AAKT-ZCC2-R/L-2525-140-200-4-T22 AAKT-ZCC2-R/L-2525-55-95-5-T25 AAKT-ZCC2-R/L-2525-85-140-5-T25	AAKT-ZCC2-R/L-2525-130-200-5-T25 AAKT-ZCC2-R/L-2525-190-400-5-T25 AAKT-ZCC2-R/L-2525-190-400-5-T35 AAKT-ZCC2-R/L-2525-200-500-5-T17 AAKT-ZCC2-R/L-2525-60-110-6-T15	 KRLY - JD (KG.) UCUNA UYGUNDUR COMPATIBLE WITH KRLY - JD (KG.) INSERT	AAKT-KG-R/L-2525-44-70-4-T22 AAKT-KG-R/L-2525-60-120-4-T22 AAKT-KG-R/L-2525-112-200-4-T22			

Kanal Açma Takımları / Grooving Toolholders



AAKT-IG-R/L-2525-40-60-4-T25
AAKT-IG-R/L-2525-52-80-4-T25
AAKT-IG-R/L-2525-70-110-4-T28
AAKT-IG-R/L-2525-100-150-4-T25
AAKT-IG-R/L-2525-110-200-4-T28
AAKT-IG-R/L-2525-110-200-4-T32
AAKT-IG-R/L-2525-180-800-4-T28
AAKT-IG-R/L-2525-70-110-5-T32
AAKT-IG-R/L-2525-110-200-5-T9
AAKT-IG-R/L-2525-110-200-5-T32
AAKT-IG-R/L-2525-180-800-5-T32
AAKT-IG-R/L-2525-58-100-6-T32
AAKT-IG-R/L-2525-88-180-6-T32

ISCR (DGN-GRP) UCUNA UYGUNDUR
COMPATIBLE WITH ISCR (DGN-GRP) INSERT

L Tip Alın Kanal Açma Takımları/L Type Face External Grooving Toolholders



ALKT-ZCC2-R/L-2525-35-45-3-T10
ALKT-ZCC2-R/L-2525-39-55-3-T10
ALKT-ZCC2-R/L-2525-35- $\varnothing$ -3-T4
ALKT-ZCC2-R/L-2525-40-60-4-T14
ALKT-ZCC2-R/L-2525-52-80-4-T14
ALKT-ZCC2-R/L-2525-72-110-4-T14
ALKT-ZCC2-R/L-2525-100-230-4-T14
ALKT-ZCC2-R/L-2525-40- $\varnothing$ -4-T4

ZCC (Z..D) UCUNA UYGUNDUR
COMPATIBLE WITH ZCC (Z..D) INSERT

Kesme ve Derin Kanal Açma Lamaları Blades For Parting and Deep Grooving



AKL-I-26-2
AKL-I-32-2
AKL-I-26-3
AKL-I-32-3
AKL-I-26-4
AKL-I-32-4

ISCR (DGN-GRP) UCUNA UYGUNDUR
COMPATIBLE WITH ISCR (DGN-GRP) INSERT



AKL-123-32-2
AKL-123-32-3
AKL-123-32-4

SNDVK (123) UCUNA UYGUNDUR
COMPATIBLE WITH SNDVK (123) INSERT



AKL-TD-32-2
AKL-TD-32-3

TGTC (TD.) UCUNA UYGUNDUR
COMPATIBLE WITH TGTC (TD.) INSERT



AKL-SGC-26-3
AKL-SGC-32-3

SMTM (GCM) UCUNA UYGUNDUR
COMPATIBLE WITH SMTM (GCM) INSERT



AKL-K-32-2
AKL-K-32-3
AKL-K-32-4

KRLY (MGM.) UCUNA UYGUNDUR
COMPATIBLE WITH KRLY (MGM.) INSERT

Kesme ve Derin Kanal Açma Lama Bloğu Blocks For Parting and Deep Grooving Blades



ALBU-20-26
ALBU-20-32
ALBU-25-26
ALBU-25-32
ALBU-32-32

ALBU

Mini Kanal Kateri / Mini Grooving Tool



AIKT-MB07-A16-090-15
AIKT-MB07-A16-090-22
AIKT-MB09-A16-090-19
AIKT-MB09-A16-110-40
AIKT-MB09-A16-095-28

SNDVK (MB) UCUNA UYGUNDUR
COMPATIBLE WITH SNDVK (MB) INSERT



AIKT-K-R/L-16-2-T4
AIKT-K-R/L-20-2-T4
AIKT-K-R/L-25-2-T6
AIKT-K-R/L-20-3-T6
AIKT-K-R/L-20-3-T7
AIKT-K-R/L-25-3-T6
AIKT-K-R/L-25-3-T10
AIKT-K-R/L-32-3-T6

AKKO (AGD) / KRLY - JD (MGM.) UCUNA UYGUNDUR
COMPATIBLE WITH AKKO (AGD) / KRLY - JD (MGM.) INSERT

AIKT-K-R/L-32-3-T12
AIKT-K-R/L-40-3-T6
AIKT-K-R/L-40-3-T12
AIKT-K-R/L-20-4-T6
AIKT-K-R/L-20-4-T7
AIKT-K-R/L-25-4-T6
AIKT-K-R/L-25-4-T10
AIKT-K-R/L-32-4-T6

AIKT-K-R/L-32-4-T12
AIKT-K-R/L-40-4-T6
AIKT-K-R/L-40-4-T12
AIKT-K-R/L-25-5-T7
AIKT-K-R/L-32-5-T7
AIKT-K-R/L-40-5-T7
AIKT-K-R/L-40-5-T12



AIKT-KG-R/L-25-2-T7
AIKT-KG-R/L-20-3-T6.5-H
AIKT-KG-R/L-25-3-T7
AIKT-KG-R/L-40-3-T8
AIKT-KG-R/L-25-4-T8

KRLY (KG.) UCUNA UYGUNDUR
COMPATIBLE WITH KRLY (KG.) INSERT



AIKT-RD-R/L-16-2-T6
AIKT-RD-R/L-20-2-T6
AIKT-RD-R/L-25-2-T6
AIKT-RD-R/L-16-3-T6
AIKT-RD-R/L-20-3-T6
AIKT-RD-R/L-25-3-T6
AIKT-RD-R/L-32-3-T6
AIKT-RD-R/L-20-4-T6
AIKT-RD-R/L-25-4-T6
AIKT-RD-R/L-32-4-T6

TGTC (RD.) UCUNA UYGUNDUR
COMPATIBLE WITH TGTC (RD.) INSERT

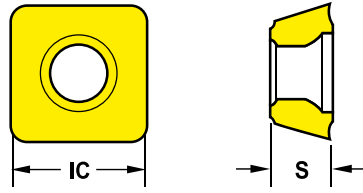


AIKT-TG-R/L-20-2-T6
AIKT-TG-R/L-20-3-T6
AIKT-TG-R/L-25-3-T8
AIKT-TG-R/L-32-3-T10
AIKT-TG-R/L-32-3-T12
AIKT-TG-R/L-32-4-T10
AIKT-TG-R/L-32-5-T10

TNGLY (DGM) UCUNA UYGUNDUR
COMPATIBLE WITH TNGLY (DGM) INSERT

 HRN (S229) UCUNA UYGUNDUR COMPATIBLE WITH HRN (S229) INSERT	AIKT-H-R/L-25-3-T8 AIKT-H-R/L-32-3-T7 AIKT-H-R/L-40-3-T7 AIKT-H-R/L-25-4-T8	AIKT-H-R/L-32-4-T7 AIKT-H-R/L-40-4-T7 AIKT-H-R/L-25-5-T8 AIKT-H-R/L-32-5-T7 AIKT-H-R/L-40-5-T7	 SNDVK (154.91) UCUNA UYGUNDUR COMPATIBLE WITH SNDVK (154.91) INSERT	AIKT-154.91-R/L-16-3-T3 AIKT-154.91-R/L-20-3-T4 AIKT-154.91-R/L-25-3-T4 AIKT-154.91-R/L-25-5-T5 AIKT-154.91-R/L-32-5-T5
 SNDVK (123) UCUNA UYGUNDUR COMPATIBLE WITH SNDVK (123) INSERT	AIKT-123-R/L-20-2-T6 AIKT-123-R/L-25-2-T6 AIKT-123-R/L-32-2-T7 AIKT-123-R/L-20-3-T6 AIKT-123-R/L-25-3-T7 AIKT-123-R/L-32-3-T9	AIKT-123-R/L-20-4-T8 AIKT-123-R/L-25-4-T7 AIKT-123-R/L-32-4-T7 AIKT-123-R/L-32-4-T10 AIKT-123-R/L-25-5-T8 AIKT-123-R/L-32-5-T11	 HRN (S224-S223) UCUNA UYGUNDUR COMPATIBLE WITH HRN (S224-S223) INSERT	AIKT-HK-R/L-20-2-T6 AIKT-HK-R/L-25-2-T6 AIKT-HK-R/L-20-3-T6 AIKT-HK-R/L-25-3-T6 AIKT-HK-R/L-32-3-T6 AIKT-HK-R/L-20-4-T6 AIKT-HK-R/L-25-4-T6 AIKT-HK-R/L-32-4-T6
 ZCC (Z.D) UCUNA UYGUNDUR COMPATIBLE WITH ZCC (Z.D) INSERT	AIKT-ZCC2-R/L-16-2-T4 AIKT-ZCC2-R/L-20-3-T5 AIKT-ZCC2-R/L-20-3-T8 AIKT-ZCC2-R/L-25-3-T5 AIKT-ZCC2-R/L-25-3-T10 AIKT-ZCC2-R/L-32-3-T6 AIKT-ZCC2-R/L-32-3-T8 AIKT-ZCC2-R/L-32-3-T13 AIKT-ZCC2-R/L-40-3-T12	AIKT-ZCC2-R/L-25-4-T6 AIKT-ZCC2-R/L-32-4-T7 AIKT-ZCC2-R/L-32-4-T8 AIKT-ZCC2-R/L-32-4-T10 AIKT-ZCC2-R/L-32-5-T7 AIKT-ZCC2-R/L-32-5-T8 AIKT-ZCC2-R/L-40-5-T8 AIKT-ZCC2-R/L-40-5-T10	 ISCR (TGM.) UCUNA UYGUNDUR COMPATIBLE WITH ISCR (TGM.) INSERT	AIKT-ITG-R/L-16-3-T6-H AIKT-ITG-R/L-20-3-T6-H AIKT-ITG-R/L-25-3-T8-H AIKT-ITG-R/L-32-3-T8-H AIKT-ITG-R/L-20-4-T6-H
 ISCR (DGN) UCUNA UYGUNDUR COMPATIBLE WITH ISCR (DGN) INSERT	AIKT-I-R/L-20-3-T5 AIKT-I-R/L-25-3-T6	 ISCR (DGN-GRP) UCUNA UYGUNDUR COMPATIBLE WITH ISCR (DGN-GRP) INSERT	AIKT-IG-R/L-25-4-T10-H AIKT-IG-R/L-32-4-T10-H AIKT-IG-R/L-40-4-T12-H AIKT-IG-R/L-25-5-T10-H AIKT-IG-R/L-32-5-T10-H AIKT-IG-R/L-40-5-T12-H AIKT-IG-R/L-50-5-T12-H	 ISCR (GIMIY-GIPI) UCUNA UYGUNDUR COMPATIBLE WITH ISCR (GIMIY-GIPI) INSERT
 ISCR (GEPI) UCUNA UYGUNDUR COMPATIBLE WITH ISCR (GEPI) INSERT	AIKT-IGE-R/L-10-2-T3-H AIKT-IGE-R/L-16-2-T3-D11.5 AIKT-IGE-R/L-16-2-T2.5-H AIKT-IGE-R/L-16-3-T2.5-H AIKT-IGE-R/L-16-3-T2.5-D20	 SMTM (GCM) UCUNA UYGUNDUR COMPATIBLE WITH SMTM (GCM) INSERT	AIKT-SGC-R-25-3-T6 AIKT-SGC-R-32-3-T6 AIKT-SGC-R-40-3-T6	 ZCC (QC..) UCUNA UYGUNDUR COMPATIBLE WITH ZCC (QC..) INSERT
 KNMTL (A4.) UCUNA UYGUNDUR COMPATIBLE WITH KNMTL (A4.) INSERT	AIKT-KM-R/L-20-2-T7 AIKT-KM-R/L-20-3-T7 AIKT-KM-R/L-25-3-T10 AIKT-KM-R/L-32-3-T12 AIKT-KM-R/L-40-3-T12 AIKT-KM-R/L-20-4-T7 AIKT-KM-R/L-32-4-T12.2-H	 PLBT (GP) UCUNA UYGUNDUR COMPATIBLE WITH PLBT (GP) INSERT	AIKT-GP-R/L-20-2-T4 AIKT-GP-R/L-25-2-T6 AIKT-GP-R/L-20-3-T6 AIKT-GP-R/L-25-3-T6 AIKT-GP-R/L-32-3-T6 AIKT-GP-R/L-20-4-T6 AIKT-GP-R/L-25-4-T6 AIKT-GP-R/L-32-4-T6	 TGTC (TD.) UCUNA UYGUNDUR COMPATIBLE WITH TGTC (TD.) INSERT

Delik Delme Uçları (SPMX - WCMX) / Drilling Inerts (SPMX - WCMX)

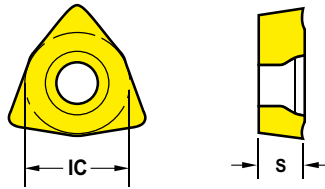


	IC	S
Metric	5	2.38
Inch	0.197	0.094
Metric	6	2.41
Inch	0.236	0.094
Metric	7.94	3.97
Inch	0.313	0.156
Metric	9.8	4.3
Inch	0.386	0.169
Metric	11.5	4.8
Inch	0.453	0.189
Metric	14.3	5.2
Inch	0.563	0.205

ISO 4 Corner / 4 Köşeli SPMX Series / Serileri 00, 01, 02, 03, 04, 05



EDP	DESCRIPTION / AÇIKLAMA	FEED RATE / İLERLEME	
T.01.07.02.00	SPMX050204-VG3002	mm/rev.	0.07~0.14
		Inch/rev.	.003~.006
T.01.07.02.01	SPMX060204-VG3002	mm/rev.	0.08~0.14
		Inch/rev.	.003~.006
T.01.07.02.02	SPMX07T308-VG3002	mm/rev.	0.08~0.16
		Inch/rev.	.003~.006
T.01.07.02.03	SPMX090408-VG3002	mm/rev.	0.08~0.16
		Inch/rev.	.003~.006
T.01.07.02.04	SPMX110408-VG3002	mm/rev.	0.10~0.18
		Inch/rev.	.004~.007
T.01.07.02.05	SPMX140512-VG3002	mm/rev.	0.10~0.20
		Inch/rev.	.004~.008



	IC	S
Metric	5.56	2.38
Inch	0.219	0.094
Metric	6.35	2.38
Inch	0.236	0.094
Metric	7.94	3.18
Inch	0.313	0.125
Metric	9.53	3.97
Inch	0.375	0.156
Metric	12.7	4.76
Inch	0.500	0.187

ISO 3 Corner / 3 Köşeli WCMX Series / Serileri 01, 02, 03, 04, 05



EDP	DESCRIPTION / AÇIKLAMA	FEED RATE / İLERLEME	
T.01.07.01.01	WCMX030208-VG3002	mm/rev.	0.05~0.12
		Inch/rev.	.002~.005
T.01.07.01.02	WCMX040208-VG3002	mm/rev.	0.05~0.12
		Inch/rev.	.002~.005
T.01.07.01.03	WCMX050308-VG3002	mm/rev.	0.06~0.14
		Inch/rev.	.002~.006
T.01.07.01.04	WCMX06T308-VG3002	mm/rev.	0.08~0.14
		Inch/rev.	.003~.006
T.01.07.01.05	WCMX080412-VG3002	mm/rev.	0.08~0.14
		Inch/rev.	.003~.006

Cutting Speed / Kesme Hızı			Vc (ft/min)	
ISO	VDI	Sub Group / Alt Grup	VG3002	
			Min	Max
P	1~5	Non-Alloyed Steel / Alaşımsız Çelik	460	1250
	6~9	Low-Alloyed Steel / Düşük Alaşımlı Çelik	390	980
	10~11	High-Alloyed Steel / Yüksek Alaşımlı Çelik	230	490
M	12~13	Ferritic & Martensitic / Ferritik Ve Martenzitik	390	660
	14	Austenitic Stainless Steel / Östenitik Paslanmaz Çelik	430	820
K	15~16	Grey Cast Iron / Gri Dökme Demir	390	820
	17~18	Nodular Cast Iron / Sferö Döküm Demir	430	720

Takma Uçlu Matkaplar / U-Drill System

D2 WCM - (ISO)



ATUM 16XD2 WCM. 030208
ATUM 16.5XD2 WCM. 030208
ATUM 17XD2 WCM. 030208
ATUM 17.5XD2 WCM. 030208
ATUM 18XD2 WCM. 030208
ATUM 18.5XD2 WCM. 030208
ATUM 19XD2 WCM. 030208
ATUM 19.5XD2 WCM. 030208
ATUM 20XD2 WCM. 040208
ATUM 20.5XD2 WCM. 040208
ATUM 21XD2 WCM. 040208
ATUM 21.5XD2 WCM. 040208
ATUM 22XD2 WCM. 040208
ATUM 22.5XD2 WCM. 040208
ATUM 23XD2 WCM. 040208
ATUM 23.5XD2 WCM. 040208
ATUM 24XD2 WCM. 050308
ATUM 24.5XD2 WCM. 050308
ATUM 25XD2 WCM. 050308
ATUM 25.5XD2 WCM. 050308
ATUM 26XD2 WCM. 050308
ATUM 26.5XD2 WCM. 050308
ATUM 27XD2 WCM. 050308
ATUM 27.5XD2 WCM. 050308
ATUM 28XD2 WCM. 050308
ATUM 28.5XD2 WCM. 050308
ATUM 29XD2 WCM. 050308
ATUM 29.5XD2 WCM. 050308
ATUM 30XD2 WCM. 06T308
ATUM 31XD2 WCM. 06T308
ATUM 32XD2 WCM. 06T308
ATUM 33XD2 WCM. 06T308
ATUM 34XD2 WCM. 06T308
ATUM 35XD2 WCM. 06T308
ATUM 36XD2 WCM. 06T308
ATUM 37XD2 WCM. 06T308
ATUM 38XD2 WCM. 06T308
ATUM 39XD2 WCM. 06T308
ATUM 40XD2 WCM. 06T308
ATUM 41XD2 WCM. 06T308
ATUM 42XD2 WCM. 06T308
ATUM 43XD2 WCM. 06T308
ATUM 44XD2 WCM. 06T308
ATUM 45XD2 WCM. 080412
ATUM 46XD2 WCM. 080412
ATUM 47XD2 WCM. 080412
ATUM 48XD2 WCM. 080412
ATUM 49XD2 WCM. 080412
ATUM 50XD2 WCM. 080412
ATUM 51XD2 WCM. 080412
ATUM 52XD2 WCM. 080412
ATUM 53XD2 WCM. 080412
ATUM 54XD2 WCM. 080412
ATUM 55XD2 WCM. 080412
ATUM 56XD2 WCM. 080412
ATUM 57XD2 WCM. 080412
ATUM 58XD2 WCM. 080412
ATUM 59XD2 WCM. 080412
ATUM 60XD2 WCM. 080412

D3 WCM - (ISO)



ATUM 16XD3 WCM. 030208
ATUM 16.5XD3 WCM. 030208
ATUM 17XD3 WCM. 030208
ATUM 17.5XD3 WCM. 030208
ATUM 18XD3 WCM. 030208
ATUM 18.5XD3 WCM. 030208
ATUM 19XD3 WCM. 030208
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ATUM 20XD3 WCM. 040208
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ATUM 22XD3 WCM. 040208
ATUM 22.5XD3 WCM. 040208
ATUM 23XD3 WCM. 040208
ATUM 23.5XD3 WCM. 040208
ATUM 24XD3 WCM. 050308
ATUM 24.5XD3 WCM. 050308
ATUM 25XD3 WCM. 050308
ATUM 25.5XD3 WCM. 050308
ATUM 26XD3 WCM. 050308
ATUM 26.5XD3 WCM. 050308
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ATUM 28XD3 WCM. 050308
ATUM 28.5XD3 WCM. 050308
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ATUM 29.5XD3 WCM. 050308
ATUM 30XD3 WCM. 06T308
ATUM 30.5XD3 WCM. 06T308
ATUM 31XD3 WCM. 06T308
ATUM 31.5XD3 WCM. 06T308
ATUM 32XD3 WCM. 06T308
ATUM 32.5XD3 WCM. 06T308
ATUM 33XD3 WCM. 06T308
ATUM 33.5XD3 WCM. 06T308
ATUM 34XD3 WCM. 06T308
ATUM 34.5XD3 WCM. 06T308
ATUM 35XD3 WCM. 06T308
ATUM 35.5XD3 WCM. 06T308
ATUM 36XD3 WCM. 06T308
ATUM 36.5XD3 WCM. 06T308
ATUM 37XD3 WCM. 06T308
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ATUM 40XD3 WCM. 06T308
ATUM 40.5XD3 WCM. 06T308
ATUM 41XD3 WCM. 06T308
ATUM 41.5XD3 WCM. 06T308
ATUM 42XD3 WCM. 06T308
ATUM 42.5XD3 WCM. 06T308
ATUM 43XD3 WCM. 06T308
ATUM 43.5XD3 WCM. 06T308
ATUM 44XD3 WCM. 06T308
ATUM 44.5XD3 WCM. 06T308
ATUM 45XD3 WCM. 080412
ATUM 45.5XD3 WCM. 080412
ATUM 46XD3 WCM. 080412
ATUM 47XD3 WCM. 080412
ATUM 48XD3 WCM. 080412
ATUM 49XD3 WCM. 080412
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ATUM 55XD3 WCM. 080412
ATUM 56XD3 WCM. 080412
ATUM 57XD3 WCM. 080412
ATUM 58XD3 WCM. 080412
ATUM 59XD3 WCM. 080412
ATUM 60XD3 WCM. 080412

Delik Delme ve İşleme Takımları / Drilling and Holemaking Tools

Takma Uçlu Matkaplar / U-Drill System

D4 WCM - (ISO)



ATUM 16XD4 WCM. 030208
 ATUM 17XD4 WCM. 030208
 ATUM 17.5XD4 WCM. 030208
 ATUM 18XD4 WCM. 030208
 ATUM 19XD4 WCM. 030208
 ATUM 20XD4 WCM. 040208
 ATUM 21XD4 WCM. 040208
 ATUM 22XD4 WCM. 040208
 ATUM 22.5XD4 WCM. 040208
 ATUM 23XD4 WCM. 040208
 ATUM 24XD4 WCM. 050308
 ATUM 25XD4 WCM. 050308
 ATUM 26XD4 WCM. 050308
 ATUM 26.5XD4 WCM. 050308
 ATUM 27XD4 WCM. 050308
 ATUM 28XD4 WCM. 050308
 ATUM 28.5XD4 WCM. 050308
 ATUM 29XD4 WCM. 050308
 ATUM 30XD4 WCM. 06T308
 ATUM 31XD4 WCM. 06T308
 ATUM 32XD4 WCM. 06T308
 ATUM 33XD4 WCM. 06T308
 ATUM 33.5XD4 WCM. 06T308
 ATUM 34XD4 WCM. 06T308
 ATUM 35XD4 WCM. 06T308
 ATUM 36XD4 WCM. 06T308
 ATUM 37XD4 WCM. 06T308
 ATUM 38XD4 WCM. 06T308
 ATUM 38.5XD4 WCM. 06T308
 ATUM 39XD4 WCM. 06T308
 ATUM 40XD4 WCM. 06T308
 ATUM 41XD4 WCM. 06T308
 ATUM 42XD4 WCM. 06T308
 ATUM 43XD4 WCM. 06T308
 ATUM 44XD4 WCM. 06T308
 ATUM 45XD4 WCM. 080412
 ATUM 46XD4 WCM. 080412
 ATUM 47XD4 WCM. 080412
 ATUM 48XD4 WCM. 080412
 ATUM 49XD4 WCM. 080412
 ATUM 50XD4 WCM. 080412

D2

SP.. - SPMX (AKKO)
 - SPMG (TGTC)



ATUM 12.5XD2 SP. 050204
 ATUM 13XD2 SP. 050204
 ATUM 13.5XD2 SP. 050204
 ATUM 14XD2 SP. 050204
 ATUM 14.5XD2 SP. 050204
 ATUM 15XD2 SP. 050204
 ATUM 15.5XD2 SP. 060204
 ATUM 16XD2 SP. 060204
 ATUM 16.5XD2 SP. 060204
 ATUM 17XD2 SP. 060204
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 ATUM 18.5XD2 SP. 060204
 ATUM 19XD2 SP. 060204
 ATUM 19.5XD2 SP. 060204
 ATUM 20XD2 SP. 060204
 ATUM 20.5XD2 SP. 060204
 ATUM 21XD2 SP. 060204
 ATUM 21.5XD2 SP. 060204
 ATUM 22XD2 SP. 07T308
 ATUM 22.5XD2 SP. 07T308
 ATUM 23XD2 SP. 07T308
 ATUM 23.5XD2 SP. 07T308
 ATUM 24XD2 SP. 07T308
 ATUM 24.5XD2 SP. 07T308
 ATUM 25XD2 SP. 07T308
 ATUM 25.5XD2 SP. 07T308
 ATUM 26XD2 SP. 07T308
 ATUM 26.5XD2 SP. 07T308
 ATUM 27XD2 SP. 07T308
 ATUM 27.5XD2 SP. 07T308
 ATUM 28XD2 SP. 090408
 ATUM 28.5XD2 SP. 090408
 ATUM 29XD2 SP. 090408
 ATUM 29.5XD2 SP. 090408
 ATUM 30XD2 SP. 090408
 ATUM 31XD2 SP. 090408
 ATUM 32XD2 SP. 090408
 ATUM 33XD2 SP. 090408
 ATUM 34XD2 SP. 110408
 ATUM 35XD2 SP. 110408
 ATUM 36XD2 SP. 110408
 ATUM 37XD2 SP. 110408
 ATUM 38XD2 SP. 110408
 ATUM 39XD2 SP. 110408
 ATUM 40XD2 SP. 110408
 ATUM 41XD2 SP. 110408
 ATUM 42XD2 SP. 140512
 ATUM 43XD2 SP. 140512
 ATUM 44XD2 SP. 140512
 ATUM 45XD2 SP. 140512
 ATUM 46XD2 SP. 140512
 ATUM 47XD2 SP. 140512
 ATUM 48XD2 SP. 140512
 ATUM 49XD2 SP. 140512
 ATUM 50XD2 SP. 140512

D5 WCM - (ISO)



ATUM 20XD5 WCM. 040208
 ATUM 21XD5 WCM. 040208
 ATUM 22XD5 WCM. 040208
 ATUM 23XD5 WCM. 040208
 ATUM 24XD5 WCM. 050308
 ATUM 25XD5 WCM. 050308
 ATUM 26XD5 WCM. 050308
 ATUM 27XD5 WCM. 050308
 ATUM 28XD5 WCM. 050308
 ATUM 29XD5 WCM. 050308
 ATUM 30XD5 WCM. 06T308
 ATUM 31XD5 WCM. 06T308
 ATUM 32XD5 WCM. 06T308
 ATUM 33XD5 WCM. 06T308
 ATUM 34XD5 WCM. 06T308
 ATUM 35XD5 WCM. 06T308
 ATUM 37XD5 WCM. 06T308
 ATUM 38XD5 WCM. 06T308
 ATUM 46XD5 WCM. 080412

Takma Uçlu Matkaplar / U-Drill System

D3

SP.. - SPMX (AKKO)
- SPMG (TGTC)



ATUM 12.5XD3 SP.. 050204
ATUM 13XD3 SP.. 050204
ATUM 13.5XD3 SP.. 050204
ATUM 14XD3 SP.. 050204
ATUM 14.5XD3 SP.. 050204
ATUM 15XD3 SP.. 050204
ATUM 15.5XD3 SP.. 060204
ATUM 16XD3 SP.. 060204
ATUM 16.5XD3 SP.. 060204
ATUM 17XD3 SP.. 060204
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ATUM 18XD3 SP.. 060204
ATUM 18.5XD3 SP.. 060204
ATUM 19XD3 SP.. 060204
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ATUM 20XD3 SP.. 060204
ATUM 20.5XD3 SP.. 060204
ATUM 21XD3 SP.. 060204
ATUM 21.5XD3 SP.. 060204
ATUM 22XD3 SP.. 07T308
ATUM 22.5XD3 SP.. 07T308
ATUM 23XD3 SP.. 07T308
ATUM 23.5XD3 SP.. 07T308
ATUM 24XD3 SP.. 07T308
ATUM 24.5XD3 SP.. 07T308
ATUM 25XD3 SP.. 07T308
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ATUM 26XD3 SP.. 07T308
ATUM 26.5XD3 SP.. 07T308
ATUM 27XD3 SP.. 07T308
ATUM 27.5XD3 SP.. 07T308
ATUM 28XD3 SP.. 090408
ATUM 28.5XD3 SP.. 090408
ATUM 29XD3 SP.. 090408
ATUM 29.5XD3 SP.. 090408
ATUM 30XD3 SP.. 090408
ATUM 30.5XD3 SP.. 090408
ATUM 31XD3 SP.. 090408
ATUM 31.5XD3 SP.. 090408
ATUM 32XD3 SP.. 090408
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ATUM 33XD3 SP.. 090408
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ATUM 34XD3 SP.. 110408
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ATUM 35XD3 SP.. 110408
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ATUM 36XD3 SP.. 110408
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ATUM 37XD3 SP.. 110408
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ATUM 38XD3 SP.. 110408
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ATUM 39XD3 SP.. 110408
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ATUM 40XD3 SP.. 110408
ATUM 40.5XD3 SP.. 110408
ATUM 41XD3 SP.. 110408
ATUM 41.5XD3 SP.. 110408
ATUM 42XD3 SP.. 140512
ATUM 42.5XD3 SP.. 140512
ATUM 43XD3 SP.. 140512
ATUM 43.5XD3 SP.. 140512
ATUM 44XD3 SP.. 140512
ATUM 44.5XD3 SP.. 140512
ATUM 45XD3 SP.. 140512
ATUM 45.5XD3 SP.. 140512
ATUM 46XD3 SP.. 140512
ATUM 47XD3 SP.. 140512
ATUM 48XD3 SP.. 140512
ATUM 49XD3 SP.. 140512
ATUM 50XD3 SP.. 140512
ATUM 51XD3 SP.. 140512
ATUM 52XD3 SP.. 140512

D4

SP.. - SPMX (AKKO)
- SPMG (TGTC)



ATUM 13XD4 SP.. 050204
ATUM 14XD4 SP.. 050204
ATUM 15XD4 SP.. 050204
ATUM 16XD4 SP.. 060204
ATUM 17XD4 SP.. 060204
ATUM 17.5XD4 SP.. 060204
ATUM 18XD4 SP.. 060204
ATUM 19XD4 SP.. 060204
ATUM 19.5XD4 SP.. 060204
ATUM 20XD4 SP.. 060204
ATUM 21XD4 SP.. 060204
ATUM 22XD4 SP.. 07T308
ATUM 23XD4 SP.. 07T308
ATUM 23.5XD4 SP.. 07T308
ATUM 24XD4 SP.. 07T308
ATUM 25XD4 SP.. 07T308
ATUM 26XD4 SP.. 07T308
ATUM 27XD4 SP.. 07T308
ATUM 27.5XD4 SP.. 07T308
ATUM 28XD4 SP.. 090408
ATUM 29XD4 SP.. 090408
ATUM 30XD4 SP.. 090408
ATUM 31XD4 SP.. 090408
ATUM 32XD4 SP.. 090408
ATUM 33XD4 SP.. 090408
ATUM 33.5XD4 SP.. 090408
ATUM 34XD4 SP.. 110408
ATUM 35XD4 SP.. 110408
ATUM 36XD4 SP.. 110408
ATUM 37XD4 SP.. 110408
ATUM 38XD4 SP.. 110408
ATUM 39XD4 SP.. 110408
ATUM 40XD4 SP.. 110408
ATUM 41XD4 SP.. 110408
ATUM 42XD4 SP.. 140512
ATUM 43XD4 SP.. 140512
ATUM 44XD4 SP.. 140512

D5

SP.. - SPMX (AKKO)
- SPMG (TGTC)



ATUM 14XD5 SP.. 050204
ATUM 16XD5 SP.. 060204
ATUM 17XD5 SP.. 060204
ATUM 18XD5 SP.. 060204
ATUM 19XD5 SP.. 060204
ATUM 20XD5 SP.. 060204
ATUM 21XD5 SP.. 060204
ATUM 22XD5 SP.. 07T308
ATUM 22XD5 SP.. 07T308-32
ATUM 23XD5 SP.. 07T308
ATUM 23XD5 SP.. 07T308-32
ATUM 24XD5 SP.. 07T308-32
ATUM 25XD5 SP.. 07T308
ATUM 25XD5 SP.. 07T308-32
ATUM 26XD5 SP.. 07T308
ATUM 26XD5 SP.. 07T308-32
ATUM 27XD5 SP.. 07T308
ATUM 27XD5 SP.. 07T308-32
ATUM 28XD5 SP.. 090408-32
ATUM 29XD5 SP.. 090408-32
ATUM 30XD5 SP.. 090408
ATUM 31XD5 SP.. 090408
ATUM 32XD5 SP.. 090408
ATUM 33XD5 SP.. 090408

Delik Delme ve İşleme Takımları / Drilling and Holemaking Tools

Takma Uçlu Matkaplar / U-Drill System

D2 SPGT - (ZCC)



ATUM 12.5XD2 SPGT 050204
ATUM 13XD2 SPGT 050204
ATUM 13.5XD2 SPGT 050204
ATUM 14XD2 SPGT 050204
ATUM 15XD2 SPGT 050204
ATUM 16XD2 SPGT 060204
ATUM 16.5XD2 SPGT 060204
ATUM 17XD2 SPGT 060204
ATUM 17.5XD2 SPGT 060204
ATUM 18XD2 SPGT 060204
ATUM 19XD2 SPGT 060204
ATUM 20XD2 SPGT 060204
ATUM 22XD2 SPGT 07T308
ATUM 22.5XD2 SPGT 07T308
ATUM 23XD2 SPGT 07T308
ATUM 24XD2 SPGT 07T308
ATUM 25XD2 SPGT 07T308
ATUM 26XD2 SPGT 07T308
ATUM 28XD2 SPGT 090408
ATUM 29XD2 SPGT 090408
ATUM 30XD2 SPGT 090408
ATUM 32XD2 SPGT 090408
ATUM 35XD2 SPGT 110408
ATUM 36XD2 SPGT 110408
ATUM 40XD2 SPGT 110408

D3 SPGT - (ZCC)



ATUM 28.5XD3 SPGT 090408
ATUM 29XD3 SPGT 090408
ATUM 29.5XD3 SPGT 090408
ATUM 30XD3 SPGT 090408
ATUM 31XD3 SPGT 090408
ATUM 32XD3 SPGT 090408
ATUM 33XD3 SPGT 090408
ATUM 34XD3 SPGT 110408
ATUM 35XD3 SPGT 110408
ATUM 37XD3 SPGT 110408
ATUM 38XD3 SPGT 110408
ATUM 39XD3 SPGT 110408
ATUM 40XD3 SPGT 110408
ATUM 42XD3 SPGT 140512
ATUM 43XD3 SPGT 140512
ATUM 44XD3 SPGT 140512
ATUM 49XD3 SPGT 140512
ATUM 50XD3 SPGT 140512

D4 SPGT - (ZCC)



ATUM 13XD4 SPGT 050204
ATUM 14XD4 SPGT 050204
ATUM 15XD4 SPGT 050204
ATUM 16XD4 SPGT 060204
ATUM 17XD4 SPGT 060204
ATUM 17.5XD4 SPGT 060204
ATUM 18XD4 SPGT 060204
ATUM 19XD4 SPGT 060204
ATUM 19.5XD4 SPGT 060204
ATUM 20XD4 SPGT 060204
ATUM 21XD4 SPGT 060204
ATUM 22XD4 SPGT 07T308
ATUM 23XD4 SPGT 07T308
ATUM 23.5XD4 SPGT 07T308
ATUM 24XD4 SPGT 07T308
ATUM 25XD4 SPGT 07T308
ATUM 26XD4 SPGT 07T308
ATUM 27.5XD4 SPGT 07T308
ATUM 28XD4 SPGT 090408
ATUM 29XD4 SPGT 090408
ATUM 30XD4 SPGT 090408
ATUM 33.5XD4 SPGT 090408
ATUM 38XD4 SPGT 110408

D3 SPGT - (ZCC)



ATUM 12.5XD3 SPGT 050204
ATUM 13XD3 SPGT 050204
ATUM 13.5XD3 SPGT 050204
ATUM 14XD3 SPGT 050204
ATUM 14.5XD3 SPGT 050204
ATUM 15XD3 SPGT 050204
ATUM 15.5XD3 SPGT 060204
ATUM 16XD3 SPGT 060204
ATUM 16.5XD3 SPGT 060204
ATUM 17XD3 SPGT 060204
ATUM 17.5XD3 SPGT 060204
ATUM 18XD3 SPGT 060204
ATUM 18.5XD3 SPGT 060204
ATUM 19XD3 SPGT 060204
ATUM 19.5XD3 SPGT 060204
ATUM 20XD3 SPGT 060204
ATUM 20.5XD3 SPGT 060204
ATUM 21XD3 SPGT 060204
ATUM 21.5XD3 SPGT 060204
ATUM 22XD3 SPGT 07T308
ATUM 22.5XD3 SPGT 07T308
ATUM 23XD3 SPGT 07T308
ATUM 23.5XD3 SPGT 07T308
ATUM 24XD3 SPGT 07T308
ATUM 24.5XD3 SPGT 07T308
ATUM 25XD3 SPGT 07T308
ATUM 25.5XD3 SPGT 07T308
ATUM 26XD3 SPGT 07T308
ATUM 26.5XD3 SPGT 07T308
ATUM 27XD3 SPGT 07T308
ATUM 27.5XD3 SPGT 07T308
ATUM 28XD3 SPGT 090408

D3 SO. - SOMX-SOMT (ISCR)



ATUM 14XD3 SO.. 050204
ATUM 15XD3 SO.. 050204
ATUM 16XD3 SO.. 050204
ATUM 16.5XD3 SO.. 050204
ATUM 17XD3 SO.. 050204
ATUM 17.5XD3 SO.. 050204
ATUM 18XD3 SO.. 060304
ATUM 19XD3 SO.. 060204
ATUM 20XD3 SO.. 060304
ATUM 21XD3 SO.. 070305
ATUM 22XD3 SO.. 070305
ATUM 22.5XD3 SO.. 070305
ATUM 23XD3 SO.. 070305
ATUM 24XD3 SO.. 070305
ATUM 25XD3 SO.. 09T306
ATUM 26XD3 SO.. 09T306
ATUM 27XD3 SO.. 09T306
ATUM 29XD3 SO.. 09T306
ATUM 30XD3 SO.. 09T306

Takma Uçlu Matkaplar / U-Drill System

D3 SO.. - SOMX-SOMT (ISCR)



ATUM 31XD3 SO.. 09T306
ATUM 33XD3 SO.. 09T306
ATUM 35XD3 SO.. 120408
ATUM 36XD3 SO.. 120408
ATUM 37XD3 SO.. 120408
ATUM 38XD3 SO.. 120408
ATUM 39XD3 SO.. 120408
ATUM 40XD3 SO.. 120408
ATUM 43XD3 SO.. 120408

D4 SO.. - SOMX-SOMT (ISCR)



ATUM 14XD4 SO.. 050204
ATUM 14.5XD4 SO.. 050204
ATUM 15XD4 SO.. 050204
ATUM 15.5XD4 SO.. 050204
ATUM 17XD4 SO.. 050204
ATUM 19XD4 SO.. 060304
ATUM 19.5XD4 SO.. 060304
ATUM 20XD4 SO.. 060304
ATUM 21XD4 SO.. 070305
ATUM 22XD4 SO.. 070305
ATUM 22.5XD4 SO.. 070305
ATUM 23XD4 SO.. 070305
ATUM 24XD4 SO.. 070305
ATUM 25XD4 SO.. 09T306
ATUM 27XD4 SO.. 09T306
ATUM 28XD4 SO.. 09T306
ATUM 29XD4 SO.. 09T306
ATUM 30XD4 SO.. 09T306
ATUM 31XD4 SO.. 09T306
ATUM 33XD4 SO.. 09T306
ATUM 34XD4 SO.. 09T306
ATUM 35XD4 SO.. 120408

D2 KDR - SPMT-XOMT (KRLY)



ATUM 14XD2 KDR 0502..
ATUM 18XD2 KDR 0602..
ATUM 20XD2 KDR 07T2..
ATUM 22XD2 KDR 07T2..
ATUM 24XD2 KDR 0903..
ATUM 25XD2 KDR 0903..
ATUM 26XD2 KDR 0903..
ATUM 28XD2 KDR 0903..
ATUM 30XD2 KDR 11T3..
ATUM 32XD2 KDR 11T3..
ATUM 34XD2 KDR 11T3..
ATUM 37XD2 KDR 1304..

D4 KDR - SPMT-XOMT (KRLY)



ATUM 14XD4 KDR 0502..
ATUM 14.5XD4 KDR 0502..
ATUM 15XD4 KDR 0502..
ATUM 15.5XD4 KDR 0502..
ATUM 16XD4 KDR 0502..
ATUM 17XD4 KDR 0602..
ATUM 17.5XD4 KDR 0602..
ATUM 18XD4 KDR 0602..
ATUM 18.5XD4 KDR 0602..
ATUM 19XD4 KDR 0602..
ATUM 20XD4 KDR 07T2..
ATUM 21XD4 KDR 07T2..
ATUM 22XD4 KDR 07T2..
ATUM 24XD4 KDR 0903..
ATUM 25XD4 KDR 0903..

D3 KDR - SPMT-XOMT (KRLY)



ATUM 12.5XD3 KDR 0402..
ATUM 13XD3 KDR 0402..
ATUM 14XD3 KDR 0502..
ATUM 14.5XD3 KDR 0502..
ATUM 15XD3 KDR 0502..
ATUM 15.5XD3 KDR 0502..
ATUM 16XD3 KDR 0502..
ATUM 16.5XD3 KDR 0602..
ATUM 17XD3 KDR 0602..
ATUM 17.5XD3 KDR 0602..
ATUM 18XD3 KDR 0602..
ATUM 18.5XD3 KDR 0602..
ATUM 19XD3 KDR 0602..
ATUM 19.5XD3 KDR 0602..
ATUM 20XD3 KDR 07T2..
ATUM 20.5XD3 KDR 07T2..
ATUM 21XD3 KDR 07T2..
ATUM 22XD3 KDR 07T2..
ATUM 23XD3 KDR 07T2..
ATUM 23.5XD3 KDR 07T2..
ATUM 24XD3 KDR 0903..
ATUM 24.5XD3 KDR 0903..
ATUM 25XD3 KDR 0903..
ATUM 26XD3 KDR 0903..
ATUM 27XD3 KDR 0903..
ATUM 28XD3 KDR 0903..
ATUM 29XD3 KDR 0903..
ATUM 30XD3 KDR 11T3..
ATUM 32XD3 KDR 11T3..
ATUM 33XD3 KDR 11T3..
ATUM 34XD3 KDR 11T3..
ATUM 35XD3 KDR 11T3..
ATUM 37XD3 KDR 1304..
ATUM 38XD3 KDR 1304..
ATUM 39XD3 KDR 1304..
ATUM 40XD3 KDR 1304..

D2 SOMT - (TGTC)



ATUM 14XD2 SOMT 050204
ATUM 16XD2 SOMT 050204
ATUM 17XD2 SOMT 060204
ATUM 18XD2 SOMT 060204
ATUM 20XD2 SOMT 070306
ATUM 22XD2 SOMT 070306
ATUM 23XD2 SOMT 08T306
ATUM 24XD2 SOMT 08T306
ATUM 25XD2 SOMT 08T306
ATUM 26XD2 SOMT 08T306
ATUM 27XD2 SOMT 09T308
ATUM 28XD2 SOMT 09T308
ATUM 29XD2 SOMT 09T308
ATUM 30XD2 SOMT 09T308
ATUM 32XD2 SOMT 11T308
ATUM 33XD2 SOMT 11T308
ATUM 34XD2 SOMT 11T308
ATUM 35XD2 SOMT 11T308
ATUM 37XD2 SOMT 130408
ATUM 38XD2 SOMT 130408
ATUM 40XD2 SOMT 130408
ATUM 45XD2 SOMT 150510
ATUM 47XD2 SOMT 150510

Delik Delme ve İşleme Takımları / Drilling and Holemaking Tools

D3 SOMT - (TGTC)



ATUM 14XD3 SOMT 050204
 ATUM 14.5XD3 SOMT 050204
 ATUM 15XD3 SOMT 050204
 ATUM 15.5XD3 SOMT 050204
 ATUM 16XD3 SOMT 050204
 ATUM 16.5XD3 SOMT 060204
 ATUM 17XD3 SOMT 060204
 ATUM 17.5XD3 SOMT 060204
 ATUM 18XD3 SOMT 060204
 ATUM 18.5XD3 SOMT 060204
 ATUM 19XD3 SOMT 060204
 ATUM 19.5XD3 SOMT 070306
 ATUM 20XD3 SOMT 070306
 ATUM 20.5XD3 SOMT 070306
 ATUM 21XD3 SOMT 070306
 ATUM 22XD3 SOMT 070306
 ATUM 22.5XD3 SOMT 08T306
 ATUM 23XD3 SOMT 08T306
 ATUM 23.5XD3 SOMT 08T306
 ATUM 24XD3 SOMT 08T306
 ATUM 24.5XD3 SOMT 08T306
 ATUM 25XD3 SOMT 08T306
 ATUM 26XD3 SOMT 08T306
 ATUM 27XD3 SOMT 09T308
 ATUM 27.5XD3 SOMT 09T308
 ATUM 28XD3 SOMT 09T308
 ATUM 29XD3 SOMT 09T308
 ATUM 30XD3 SOMT 09T308
 ATUM 32XD3 SOMT 11T308
 ATUM 33XD3 SOMT 11T308
 ATUM 34XD3 SOMT 11T308
 ATUM 35XD3 SOMT 11T308
 ATUM 36XD3 SOMT 11T308
 ATUM 37XD3 SOMT 130408
 ATUM 38XD3 SOMT 130408
 ATUM 39XD3 SOMT 130408
 ATUM 40XD3 SOMT 130408
 ATUM 45XD3 SOMT 150510
 ATUM 49XD3 SOMT 150510
 ATUM 50XD3 SOMT 150510

D4 SOMT - (TGTC)



ATUM 14XD4 SOMT 050204
 ATUM 14.5XD4 SOMT 050204
 ATUM 16XD4 SOMT 050204
 ATUM 17XD4 SOMT 060204
 ATUM 17.5XD4 SOMT 060204
 ATUM 18XD4 SOMT 060204
 ATUM 19XD4 SOMT 060204
 ATUM 20XD4 SOMT 070306
 ATUM 21XD4 SOMT 070306
 ATUM 22XD4 SOMT 070306
 ATUM 24XD4 SOMT 08T306
 ATUM 25XD4 SOMT 08T306

D5 SOMT - (TGTC)



ATUM 14XD5 SOMT 050204
 ATUM 15XD5 SOMT 050204
 ATUM 15.5XD5 SOMT 050204
 ATUM 16XD5 SOMT 050204
 ATUM 17.5XD5 SOMT 060204
 ATUM 18XD5 SOMT 060204
 ATUM 19XD5 SOMT 060204
 ATUM 19.5XD5 SOMT 070306
 ATUM 20XD5 SOMT 070306
 ATUM 21XD5 SOMT 070306
 ATUM 22XD5 SOMT 070306
 ATUM 23XD5 SOMT 08T306
 ATUM 24XD5 SOMT 08T306
 ATUM 25XD5 SOMT 08T306
 ATUM 26XD5 SOMT 08T306
 ATUM 27XD5 SOMT 09T308
 ATUM 28XD5 SOMT 09T308
 ATUM 29XD5 SOMT 09T308
 ATUM 30XD5 SOMT 09T308
 ATUM 33XD5 SOMT 11T308
 ATUM 34XD5 SOMT 11T308
 ATUM 35XD5 SOMT 11T308
 ATUM 36XD5 SOMT 11T308

D3 880-.. (SNDVK)



ATUM 14XD3 880-0202..
 ATUM 14.5XD3 880-0202..
 ATUM 15XD3 880-0202..
 ATUM 15.5XD3 880-0202..
 ATUM 16XD3 880-0202..
 ATUM 16.5XD3 880-0303..
 ATUM 17XD3 880-0303..
 ATUM 17.5XD3 880-0303..
 ATUM 18XD3 880-0303..
 ATUM 18.5XD3 880-0303..
 ATUM 19XD3 880-0303..
 ATUM 19.5XD3 880-0303..
 ATUM 20XD3 880-0403..
 ATUM 20.5XD3 880-0403..
 ATUM 21XD3 880-0403..
 ATUM 21.5XD3 880-0403..
 ATUM 22XD3 880-0403..
 ATUM 22.5XD3 880-0403..
 ATUM 23XD3 880-0403..
 ATUM 24XD3 880-0503..
 ATUM 25XD3 880-0503..
 ATUM 26XD3 880-0503..
 ATUM 27XD3 880-0503..
 ATUM 28XD3 880-0503..
 ATUM 29XD3 880-0503..
 ATUM 30XD3 880-0604..
 ATUM 31XD3 880-0604..
 ATUM 32XD3 880-0604..
 ATUM 33XD3 880-0604..
 ATUM 34XD3 880-0604..
 ATUM 35XD3 880-0604..
 ATUM 36XD3 880-0704..
 ATUM 38XD3 880-0704..
 ATUM 39XD3 880-0704..
 ATUM 40XD3 880-0704..
 ATUM 41XD3 880-0704..
 ATUM 42XD3 880-0704..
 ATUM 45XD3 880-0805..
 ATUM 46XD3 880-0805..
 ATUM 48XD3 880-0805..
 ATUM 50XD3 880-0805..

Delik Pahlama Bileziği / Drill Chamfering Ring Tools

ADCR	Takım Kodu / Tool Code
	ADCR-120-VB1103
	ADCR-125-VB1103
	ADCR-130-VB1103
	ADCR-135-VB1103
	ADCR-140-VB1103
	ADCR-145-VB1103
	ADCR-150-VB1103
	ADCR-155-VB1103
	ADCR-160-VB1103
	ADCR-165-VB1103
	ADCR-170-VB1103
	ADCR-175-VB1103
	ADCR-180-VB1103
	ADCR-185-VB1103
	ADCR-190-VB1103
	ADCR-195-VB1103
	ADCR-200-VB1103
	ADCR-205-VB1103
	ADCR-210-VB1103
	ADCR-215-VB1103
	ADCR-220-VB1103
	ADCR-225-VB1103
	ADCR-230-VB1103
	ADCR-235-VB1103
	ADCR-240-VB1103
	ADCR-245-VB1103
	ADCR-250-VB1103
	ADCR-255-VB1103
	ADCR-260-VB1103
	ADCR-265-VB1103
	ADCR-270-VB1103
	ADCR-275-VB1103
	ADCR-280-VB1103
	ADCR-285-VB1103
	ADCR-290-VB1103
	ADCR-295-VB1103
	ADCR-300-VB1103

Ekokes-Delik Delme, Delik İçi ve Dış Çap Tornalama
Ekokes-Drilling, Boring and External Turning

	AEKR/L-D2.25X8 XC.. 040104
	AEKR/L-D2.25X10 XC.. 050204
	AEKR/L-D2.25X12 XC.. 060204
	AEKR/L-D2.25X14 XC.. 070304
	AEKR/L-D2.25X16 XC.. 080304
	AEKR/L-D2.25X18 XC.. 09T304
	AEKR/L-D2.25X20 XC.. 10T304
	AEKR/L-D2.25X25 XC.. 130404
	AEKR/L-D2.25X32 XC.. 170504

CR12T-ISCRTGTC-KRLY UCUNA UYGUNDUR
COMPATIBLE WITH CR12T-ISCRTGTC-KRLY INSERT

Eksantrik U-Drill Adaptörü / Excentric Adaptor For U-Drills

	AET-2025
	AET-2532
	AET-3240
	Ø+0.4 - Ø-0.2 ARASINDA ONDALIKLI OLARAK AYARLANABİLİR ÖR: Ø25 TAKIM = 24.8≈25.4 ARASI AYARLANABİLİR.
	CAN BE ADJUSTABLE BETWEEN Ø+0.4 - Ø-0.2 AS DECIMAL. FOR EXAMPLE: Ø25 TOOL; CAN BE ADJUSTABLE BETWEEN 24.8≈ 25.4

AET

Ayarlı Kaba Delik İşleme Baraları / Adjustable Rough Boring Heads

Takım Kodu / Tool Code	Dmin-Dmax
ABHR-D18x22-W16-L90-CC06	18-22
ABHR-D18x22-W16-L150-CC06	18-22
ABHR-D18x22-W16-L200-CC06	18-22
ABHR-D22x28-W20-L100-CC06	22-28
ABHR-D22x28-W20-L150-CC06	22-28
ABHR-D22x28-W20-L200-CC06	22-28
ABHR-D28x38-W20-L110-CC06	28-38
ABHR-D28x38-W20-L160-CC06	28-38
ABHR-D28x38-W20-L230-CC06	28-38
ABHR-D36x50-W25-L120-CC06	36-50
ABHR-D36x50-W25-L170-CC06	36-50
ABHR-D36x50-W25-L250-CC06	36-50
ABHR-D36x50-W25-L120-CC09	36-50
ABHR-D36x50-W25-L170-CC09	36-50
ABHR-D36x50-W25-L250-CC09	36-50
ABHR-D50x68-W32-L140-CC09	50-68
ABHR-D50x68-W32-L200-CC09	50-68
ABHR-D50x68-W32-L280-CC09	50-68
ABHR-D50x68-W32-L140-CC12	50-68
ABHR-D50x68-W32-L200-CC12	50-68
ABHR-D50x68-W32-L280-CC12	50-68
ABHR-D68x90-W32-L160-CC12	68-90
ABHR-D68x90-W32-L210-CC12	68-90
ABHR-D68x90-W32-L280-CC12	68-90
ABHR-D90x120-W32-L140-CC12	90-120
ABHR-D90x120-W40-L200-CC12	90-120
ABHR-D90x120-W40-L300-CC12	90-120
ABHR-D120x160-W40-L210-CC12	120-160
ABHR-D120x160-W40-L300-CC12	120-160
ABHR-D160x200-W40-L210-B-CC12	160-200
ABHR-D160x200-W40-L300-B-CC12	160-200

Ayarlı Kaba Delik İşleme Bara Gövdesi / Adjustable Rough Boring Heads Body

Takım Kodu / Tool Code	Kartuş / Cartridge
ABHRS-D16x42-W16-L90	AK.. 18-22
ABHRS-D16x102-W16-L150	AK.. 18-22
ABHRS-D16x152-W16-L200	AK.. 18-22
ABHRS-D20x50-W20-L100	AK.. 22-28
ABHRS-D20x100-W20-L150	AK.. 22-28
ABHRS-D20x150-W20-L200	AK.. 22-28
ABHRS-D25x60-W20-L110	AK.. 28-38
ABHRS-D25x110-W20-L160	AK.. 28-38
ABHRS-D25x180-W20-L230	AK.. 28-38
ABHRS-D32x64-W25-L120	AK.. 36-50
ABHRS-D32x114-W25-L170	AK.. 36-50
ABHRS-D32x194-W25-L250	AK.. 36-50
ABHRS-D32x64-W25-L120	AK.. 36-50-09
ABHRS-D32x114-W25-L170	AK.. 36-50-09
ABHRS-D32x194-W25-L250	AK.. 36-50-09
ABHRS-D40x80-W32-L140	AK.. 50-68
ABHRS-D40x140-W32-L200	AK.. 50-68
ABHRS-D40x220-W32-L280	AK.. 50-68
ABHRS-D40x80-W32-L140	AK.. 50-68-12
ABHRS-D40x140-W32-L200	AK.. 50-68-12
ABHRS-D40x220-W32-L280	AK.. 50-68-12
ABHRS-D50x100-W32-L160	AK.. 68-90
ABHRS-D50x150-W32-L210	AK.. 68-90
ABHRS-D50x220-W32-L280	AK.. 68-90
ABHRS-D63x80-W32-L140	AK.. 90-120
ABHRS-D63x130-W40-L200	AK.. 90-120
ABHRS-D63x230-W40-L300	AK.. 90-120
ABHRS-D80x140-W40-L210	AK.. 120-160
ABHRS-D80x230-W40-L300	AK.. 120-160
ABHRS-D80x140-W40-L210	AK.. 160-200
ABHRS-D80x230-W40-L300	AK.. 160-200

Frezeleme Takımları / Milling Tools

Ayarlı Kaba Delik İşleme Bara Kartuşları / Adjustable Rough Boring Heads Cartridge



Takım Kodu / Tool Code	Ölçü Aralığı-Boring Range
AKSR 18-22	18-22
AKSR 22-28	22-28
AKSR 28-38	28-38
AKSR 36-50	36-50
AKSR 36-50-09	36-50
AKSR 50-68	50-68
AKSR 50-68-12	50-68
AKSR 68-90	68-90
AKSR 90-120	90-120
AKSR 120-160	120-160
AKSR 160-200	160-200



Takım Kodu / Tool Code	Ölçü Aralığı-Boring Range
AKCR 28-38	28-38
AKCR 36-50	36-50
AKCR 36-50-09	36-50
AKCR 50-68	50-68
AKCR 50-68-12	50-68
AKCR 68-90	68-90
AKCR 90-120	90-120
AKCR 120-160	120-160
AKCR 160-200	160-200

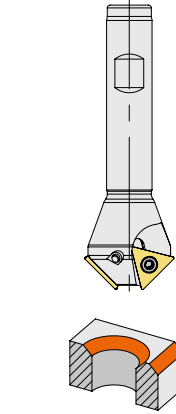
Diş Açma Frezeleme Takımları Thread Milling Tools

-°	ATM-C..	Uç / Insert	Takım Kodu / Tool Code
		C14 (For CPT)	ATM-C14-D14-W20-L100-Z01-H ATM-C21-D18-W20-L100-Z01-H ATM-C21-D21-W25-L125-Z01-H ATM-C21-D25-W20-L125-Z01-H ATM-C21-D28-W25-L90-Z01-H ATM-C21-D38-W32-L90-Z03-H ATM-C21-D38-W32-L120-Z03-H ATM-C21-D43-W32-L90-Z03-H ATM-C30-D29-W25-L150-Z01-H
		C21 (For CPT)	
		C30 (For CPT)	
-°	ATM-H..	Uç / Insert	Takım Kodu / Tool Code
		H23 (For CPT)	ATM-H23-D23-C25-L100-Z02-H
		H32 (For CPT)	ATM-H32-D32-C32-L130-Z05-H
60°	ATM60..	Uç / Insert	Takım Kodu / Tool Code
		TBGT 060102	ATM60-TB0601-D13-C10-L150-Z02-H
		TC.T 090202	ATM60-TC0902-D20.5-C16-L150-Z02-H
		TC.T 110202	ATM60-TC1102-D26-C20-L150-Z03-H
		TC.T 16T304 (For ISO)	ATM60-TC16T3-D32-C25-L150-Z02-H ATM60-TC16T3-D40-C32-L250-Z03-H

Silindirik Havşa Başlı Vida (DIN 974-1) Havşalarını Açma Frezeleri Countersink Milling Tool For Cylindrical Allen Head Screws (DIN 974-1)

-°	ACBM..	Uç / Insert	Takım Kodu / Tool Code
		CC.. 0602.. (For ISO)	ACBM-CC06-D17X6-W16-L150-Z02 ACBM-CC06-D18X7-W16-L100-Z02-H ACBM-CC06-D18X7-W16-L160-Z02-H ACBM-CC06-D20X9-W20-L100-Z02-H ACBM-CC06-D20X9-W20-L160-Z02-H ACBM-CC09-D26X8.5-W25-L130-Z02-H ACBM-CC09-D26X8.5-W25-L200-Z02 ACBM-CC09-D30X12.5-W32-L130-Z02-H ACBM-CC09-D33X15.5-W32-L130-Z02-H ACBM-CC09-D33X15.5-W32-L200-Z2
		CC.. 09T3.. (For ISO)	
		SPMG 0602.. (For TIGTC)	ACBM-SP06-D15X4-W16-L160-Z02-H

Pah Frezeler / Chamfering Tools



-°	ACM..-TC..	Uç / Insert	Takım Kodu / Tool Code
		TCT 16T304	ACM10-TC16-D17X22-W16-L90-Z01 ACM15-TC16-D17X24-W16-L90-Z01 ACM15-TC16-D22X29-W16-L100-Z01 ACM15-TC16-D30X37-W20-L100-Z02 ACM15-TC16-D35X42-W20-L100-Z03 ACM15-TC16-D52X59-W25-L110-Z03 ACM17.5-TC16-D17X25-W16-L90-Z01 ACM18.5-TC16-D21.3X30-W20-L100-Z02 ACM20-TC16-D12X22-W16-L100-Z01 ACM20-TC16-D17X27-W16-L100-Z01 ACM20-TC16-D23X33-W20-L100-Z02 ACM20-TC16-D28X38-W20-L100-Z02 ACM20-TC16-D35X45-W20-L100-Z03 ACM20-TC16-D39X49-W20-L100-Z03 ACM20-TC16-D45X55-W25-L110-Z03 ACM20-TC16-D51X61-W25-L110-Z03 ACM22.5-TC16-D17X28-W16-L100-Z01 ACM25-TC16-D17X29-W16-L100-Z01 ACM30-TC16-D6X20-W16-L100-Z01 ACM30-TC16-D15X30-W16-L100-Z01 ACM30-TC16-D17.5X32.5-W20-L100-Z02 ACM30-TC16-D20X35-W16-L100-Z02 ACM30-TC16-D30X45-W20-L100-Z02 ACM30-TC16-D35X50-W20-L100-Z03 ACM30-TC16-D45X60-W25-L110-Z03
		TCT 090204	ACM45-TC09-D7X18-W16-L100-Z02
		TCT 110204	ACM45-TC11-D11X24-W16-L100-Z02
		TCT 16T304	ACM45-TC16-D5X26-W16-L100-Z01 ACM45-TC16-D10X31-W16-L100-Z02 ACM45-TC16-D10X31-W20-L100-Z02 ACM45-TC16-D18X39-W16-L100-Z02 ACM45-TC16-D18X39-W20-L100-Z02 ACM45-TC16-D20X41-W20-L100-Z02 ACM45-TC16-D30X51-W20-L100-Z02 ACM55-TC16-D16X40-W20-L100-Z03 ACM62-TC16-D14X40-W20-L100-Z03 ACM72-TC16-D14X42-W20-L100-Z03

45°	ACM45-SP11	Uç / Insert	Takım Kodu / Tool Code
		SPGT 110408 (For ZCC)	ACM45-SP1104-D12x26-W20-L150-Z01 ACM45-SP1104-D25x39-W25-L150-Z02 ACM45-SP1104-D32x46-W32-L150-Z03

Helis Pah Frezeleme Takımları / Helix Chamfer Milling Tools



-°	AHM..-AP16..	Uç / Insert	Takım Kodu / Tool Code
		AP.. 1604.. (For ISO)	AHM15-AP16-D35x93-A27-Z0306-H AHM30-AP16-D35x87-A27-Z0306-H AHM45-AP16-D35x77-A27-Z0306-H AHM60-AP16-D35x65-A22-Z0306-H AHM75-AP16-D35x50-A22-Z0306-H

Frezeleme Takımları / Milling Tools

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Vidalı Takım Tutucular / Screwed Tool Holders

AVTT	Takım Kodu / Tool Code
	AVTT-D13-C16-M08-L100-H AVTT-D15-C16-M08-L130-H AVTT-D18-C20-M10-L130-H AVTT-D18-C20-M10-L160-H AVTT-D23-C25-M12-L150-H AVTT-D23-C25-M12-L200-H AVTT-D23-C25-M12-L250-H AVTT-D30-C32-M16-L150-H AVTT-D30-C32-M16-L200-H AVTT-D30-C32-M16-L250-H AVTT-D30-C32-M16-L300-H

S Sistem Yüzey Parmak Frezeler / S System End Mills

90°	AEM90-3P..	Uç / Insert	Takım Kodu / Tool Code
	3P.T 060308 (For TGTC)	AEM90-3P0603-D16-W16-L120-Z03-H AEM90-3P0603-D20-W20-L150-Z03-H AEM90-3P0603-D25-W25-L150-Z05-H	
	3P.T 100408 (For TGTC)	AEM90-3P1004-D20-W20-L150-Z02 AEM90-3P1004-D21-C20-L200-Z02 AEM90-3P1004-D25-W25-L150-Z03	
	3P.T 150508 (For TGTC)	AEM90-3P1505-D32-W32-L150-Z03 AEM90-3P1505-D38-W32-L150-Z03 AEM90-3P1505-D40-W32-L150-Z04	

Yüzey Frezeler / Face Milling Tools

90°	AFM90-3P..	Uç / Insert	Takım Kodu / Tool Code
	3PKT 1004..	AFM90-3P1004-D040-A16-Z05-H AFM90-3P1004-D050-A22-Z06-H AFM90-3P1505-D050-A22-Z04-H AFM90-3P1505-D050-A22-Z05-H	
	3PKT 1505.. (For TGTC)	AFM90-3P1505-D063-A22-Z04-H AFM90-3P1505-D063-A22-Z06-H AFM90-3P1505-D080-A27-Z07-H AFM90-3P1505-D100-A32-Z08-H AFM90-3P1505-D125-B40-Z10	

S Sistem Modüler Parmak Frezeler / S System Modular End Mills (Screw Type Tools)

90°	AEM90-3P1004	Uç / Insert	Takım Kodu / Tool Code
	3P.T 1004..	AEM90-3P1004-D20-M10-L35-Z02 AEM90-3P1004-D32-M16-L43-Z05-H	

S Sistem Yüzey Parmak Frezeler / S System End Mills

90°	AEM90-AD..	Uç / Insert	Takım Kodu / Tool Code
	ADMT 1003.. (For DJT)	AEM90-AD1003-D16-C16-L150-Z02	
		AEM90-AD1003-D17-C16-L150-Z02	
		AEM90-AD1003-D20-C20-L200-Z03	
		AEM90-AD1003-D21-C20-L150-Z03	
		AEM90-AD1003-D21-C20-L200-Z03	
		AEM90-AD1003-D25-C25-L200-Z03	
		AEM90-AD1003-D26-C25-L150-Z03	
		AEM90-AD1003-D26-C25-L200-Z03	
	ADKT 150508 (For DJT)	AEM90-AD1505D-D25-W25-L150-Z02	
		AEM90-AD1505D-D32-W32-L150-Z03	

Yüzey Frezeler / Face Milling Tools

90°	AFM90-4N06	Uç / Insert	Takım Kodu / Tool Code
	4NKT 0603.. (For TGTC)	AFM90-4N06-D040-A16-Z05-H AFM90-4N06-D050-A22-Z06-H	

S Sistem Yüzey Parmak Frezeler / S System End Mills

90°	AEM90-4N06	Uç / Insert	Takım Kodu / Tool Code
	4NKT 0603.. (For TGTC)	AEM90-4N06-D16-W16-L120-Z02-H AEM90-4N06-D16-W16-L160-Z02 AEM90-4N06-D20-W16-L120-Z03-H AEM90-4N06-D20-W16-L160-Z03	

S Sistem Modüler Parmak Frezeler / S System Modular End Mills (Screw Type Tools)

90°	AEM90-AD1505D	Uç / Insert	Takım Kodu / Tool Code
	ADKT 150508 (For DJT)	AEM90-AD1505D-D25-M12-L43-Z02-H AEM90-AD1505D-D32-M16-L43-Z03-H	

Yüzey Frezeler / Face Milling Tools

90°	AFM90-AD1505D	Uç / Insert	Takım Kodu / Tool Code
	ADKT 150508 (For DJT)	AFM90-AD1505D-D050-A22-Z05-H AFM90-AD1505D-D063-A27-Z06-H AFM90-AD1505D-D080-A27-Z08-H AFM90-AD1505D-D100-A32-Z08-H AFM90-AD1505D-D125-B40-Z09	

S Sistem Yüzey Parmak Frezeler / S System End Mills

90°	AEM90-AD15	Uç / Insert	Takım Kodu / Tool Code
	AD.. 1505.. (For ISCR)	AEM90-AD1505-D25-W25-L150-Z02 AEM90-AD1505-D30-W25-L150-Z03 AEM90-AD1505-D32-W32-L150-Z03	

Yüzey Frezeler / Face Milling Tools

90°	AFM90-AD1505	Uç / Insert	Takım Kodu / Tool Code
	AD.. 1505.. (For ISCR)	AFM90-AD1505-D040-A16-Z04-H AFM90-AD1505-D050-A22-Z05-H AFM90-AD1505-D063-A22-Z06-H AFM90-AD1505-D080-A27-Z07-H AFM90-AD1505-D100-A32-Z08-H AFM90-AD1505-D125-B40-Z09	

S Sistem Yüzey Parmak Frezeler / S System End Mills

90°	AEM90-AD..	Uç / Insert	Takım Kodu / Tool Code
	ADMX 0702.. (For PRMT)	AEM90-AD07-D10-C08-L90-Z02-H AEM90-AD07-D10-C10-L80-Z02-H AEM90-AD07-D12-C10-L80-Z03-H AEM90-AD07-D12-C12-L90-Z03-H AEM90-AD07-D16-C16-L110-Z04-H AEM90-AD07-D20-C20-L125-Z05-H AEM90-AD07-D25-C25-L140-Z06-H	
	ADMX 11T3.. (For PRMT)	AEM90-AD11-D16-C16-L135-Z02-H AEM90-AD11-D18-C16-L135-Z02-H AEM90-AD11-D18-C16-L160-Z02-H AEM90-AD11-D20-C20-L150-Z02-H AEM90-AD11-D20-C20-L150-Z03-H AEM90-AD11-D22-C20-L150-Z03-H AEM90-AD11-D22-C20-L200-Z03-H AEM90-AD11-D25-C25-L170-Z03-H AEM90-AD11-D25-C25-L170-Z04-H AEM90-AD11-D28-C25-L165-Z04-H AEM90-AD11-D28-C25-L200-Z04-H AEM90-AD11-D30-C25-L165-Z04-H AEM90-AD11-D30-C25-L200-Z04-H AEM90-AD11-D32-C32-L195-Z05-H	

Frezeleme Takımları / Milling Tools

S Sistem Yüzey Parmak Frezeler / S System End Mills

90°	AEM90-AD..	Uç / Insert	Takım Kodu / Tool Code
		ADMT 0803.. (For WLTR)	AEM90-AD0803-D16-W16-L150-Z02 AEM90-AD0803-D17-W16-L150-Z02 AEM90-AD0803-D17-W16-L200-Z02 AEM90-AD0803-D20-W20-L150-Z03 AEM90-AD0803-D21-W20-L200-Z03
		ADMT 10T3.. (For WLTR)	AEM90-AD10T3-D16-W16-L100-Z02-H AEM90-AD10T3-D16-W16-L150-Z02 AEM90-AD10T3-D16-C16-L200-Z02 AEM90-AD10T3-D17-W16-L150-Z02 AEM90-AD10T3-D17-W16-L200-Z02 AEM90-AD10T3-D20-W20-L70-Z03 AEM90-AD10T3-D20-W20-L100-Z03-H AEM90-AD10T3-D20-C20-L150-Z03 AEM90-AD10T3-D20-W20-L150-Z03 AEM90-AD10T3-D25-W25-L100-Z03-H AEM90-AD10T3-D25-W25-L100-Z04-H AEM90-AD10T3-D25-W25-L150-Z03
		ADMT 1204.. (For WLTR)	AEM90-AD1204-D20-W20-L150-Z02 AEM90-AD1204-D21-C20-L150-Z02 AEM90-AD1204-D22-C20-L150-Z02 AEM90-AD1204-D25-W25-L150-Z03 AEM90-AD1204-D26-W25-L180-Z03 AEM90-AD1204-D32-W32-L150-Z04
		ADMT 1606.. (For WLTR)	AEM90-AD1606-D25-W25-L150-Z02 AEM90-AD1606-D32-W32-L150-Z03

Yüzey Frezeler / Face Milling Tools

90°	AFM90-AD10T3	Uç / Insert	Takım Kodu / Tool Code
		ADMT 10T3.. (For WLTR)	AFM90-490R08-D063-A22-Z06-H AFM90-490R14-D050-A22-Z04-H AFM90-490R14-D063-A22-Z05-H AFM90-490R14-D080-A27-Z07-H AFM90-490R14-D100-A32-Z07-H AFM90-490R14-D125-B40-Z08 AFM90-490R14-D160-C40-Z12 AFM90-490R14-D200-C60-Z16

Yüzey Frezeler / Face Milling Tools

90°	AFM90-490R14	Uç / Insert	Takım Kodu / Tool Code
		490R-1404.. (For SNDVK)	AFM90-490R14-D050-A22-Z04-H AFM90-490R14-D063-A22-Z05-H AFM90-490R14-D080-A27-Z07-H

Yüzey Frezeler / Face Milling Tools

90°	AFM90-AN..	Uç / Insert	Takım Kodu / Tool Code
		ANGX 1105..	AFM90-AN11-D040-A16-Z04-H AFM90-AN1506-D050-A22-Z04-H AFM90-AN1506-D063-A22-Z05-H AFM90-AN1506-D080-A27-Z06-H AFM90-AN1506-D100-A32-Z08-H AFM90-AN1506-D125-B40-Z12 AFM90-AN1506-D160-C40-Z14
		ANGX 150608 (For ZCC)	

S Sistem Yüzey Parmak Frezeler / S System End Mills

90°	AEM90-AN11	Uç / Insert	Takım Kodu / Tool Code
		ANGX 110508 (For ZCC)	AEM90-AN11-D22-W20-L150-Z02 AEM90-AN11-D25-W25-L150-Z02 AEM90-AN11-D25-C25-L200-Z02 AEM90-AN11-D26-W25-L150-Z02 AEM90-AN11-D28-W25-L150-Z02 AEM90-AN11-D32-W32-L150-Z03 AEM90-AN11-D32-C32-L200-Z03 AEM90-AN11-D40-W32-L150-Z04

S Sistem Yüzey Parmak Frezeler / S System End Mills

90°	AEM90-AN1207	Uç / Insert	Takım Kodu / Tool Code
		ANKX 1207.. (For XTC-GSC)	AEM90-AN1207-D25-W25-L150-Z02 AEM90-AN1207-D32-W32-L150-Z03 AEM90-AN1207-D40-W32-L150-Z04

Yüzey Frezeler / Face Milling Tools

90°	AFM90-AN12	Uç / Insert	Takım Kodu / Tool Code
		ANKX 1205.. (For ISCR)	AFM90-AN12-D040-A16-Z04-H AFM90-AN12-D050-A22-Z05-H AFM90-AN12-D063-A27-Z06-H

S Sistem Yüzey Parmak Frezeler / S System End Mills

90°	AEM90-AN1607	Uç / Insert	Takım Kodu / Tool Code
		AN.X 1607.. (For TGTC)	AEM90-AN1607-D32-C25-L150-Z02 AEM90-AN1607-D40-C32-L150-Z03

Yüzey Frezeler / Face Milling Tools

90°	AFM90-AN1607	Uç / Insert	Takım Kodu / Tool Code
		AN.X 1607.. (For TGTC)	AFM90-AN1607-D050-A22-Z04-H AFM90-AN1607-D063-A22-Z06-H AFM90-AN1607-D080-A27-Z07-H AFM90-AN1607-D100-A32-Z08-H AFM90-AN1607-D125-B40-Z10

S Sistem Yüzey Parmak Frezeler / S System End Mills

90°	AEM90-A01236	Uç / Insert	Takım Kodu / Tool Code
		A0.. 1236.. (For MTSBSH)	AEM90-A01236-D16-W16-L150-Z02 AEM90-A01236-D20-C20-L100-Z02 AEM90-A01236-D25-C25-L115-Z02 AEM90-A01236-D25-W25-L150-Z03 AEM90-A01236-D32-W32-L150-Z04

S Sistem Modüler Parmak Frezeler / S System Modular End Mills (Screw Type Tools)

90°	AEM90-A01236	Uç / Insert	Takım Kodu / Tool Code
		A0.. 1236.. (For MTSBSH)	AEM90-A01236-D16-M08-L30-Z02 AEM90-A01236-D20-M10-L35-Z03

Yüzey Frezeler / Face Milling Tools

90°	AFM90-A0..	Uç / Insert	Takım Kodu / Tool Code
		A0.. 1236..	AFM90-A01236-D050-A22-Z05-H
		A0.. 1848..	AFM90-A01848-D050-A22-Z05-H
		(For MTSBSH)	AFM90-A01848-D063-A22-Z06-H

Yüzey Frezeler / Face Milling Tools

90°	AFM90-AN..	Uç / Insert	Takım Kodu / Tool Code
		ANKX 1207.. (For XTC-GSC)	AFM90-AN1207-D040-A16-Z04-H AFM90-AN1207-D050-A22-Z05-H AFM90-AN1207-D063-A22-Z06-H
		ANKX 1607.. (For XTC-GSC)	AFM90-AN1607X-D050-A22-Z04-H AFM90-AN1607X-D063-A22-Z06-H AFM90-AN1607X-D080-A27-Z07-H

Frezeleme Takımları / Milling Tools

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S Sistem Yüzey Parmak Frezeler / S System End Mills

90°	AEM90-AP..	Uç / Insert	Takım Kodu / Tool Code
	APMT 0602.. (For KRLV)	APMT 0602..	AEM90-AP06-D10-C10-L120-Z02
		(For KRLV)	AEM90-AP06-D12-C12-L120-Z02
	APMT 0903.. (For KRLV)	APMT 0903..	AEM90-AP0903-D16-C16-L150-Z02
		(For KRLV)	AEM90-AP0903-D17-C16-L150-Z02
			AEM90-AP0903-D20-C20-L150-Z02
			AEM90-AP0903-D21-C20-L150-Z02
	APKT 09T3.. (For TGTC)	APKT 09T3..	AEM90-AP0903-D25-C25-L150-Z03
		(For TGTC)	AEM90-AP09-D16-C16-L100-Z02-H
			AEM90-AP09-D16-C15-L150-Z02
			AEM90-AP09-D16-W16-L150-Z02-H
			AEM90-AP09-D16-C16-L200-Z02-H
			AEM90-AP09-D17-C16-L150-Z02
			AEM90-AP09-D17-C16-L180-Z02-H
			AEM90-AP09-D20-C20-L150-Z03-H
			AEM90-AP09-D20-C20-L200-Z03-H
			AEM90-AP09-D20-C20-L250-Z02-H
	AP. 1003.. (For ISO)	AP. 1003..	AEM90-AP09-D21-C20-L150-Z03
		(For ISO)	AEM90-AP09-D26-C25-L150-Z04
			AEM90-AP10-D12-W16-L100-Z01-H
			AEM90-AP10-D12-W16-L150-Z01
			AEM90-AP10-D14-W16-L100-Z01-H
			AEM90-AP10-D14-W16-L150-Z01
			AEM90-AP10-D16-C16-L100-Z02-H
			AEM90-AP10-D16-W16-L100-Z02-H
			AEM90-AP10-D16-C16-L120-Z02-H
			AEM90-AP10-D16-C16-L150-Z02
			AEM90-AP10-D16-C16-L150-Z02-H
			AEM90-AP10-D16-W16-L150-Z02
			AEM90-AP10-D16-C16-L200-Z02
			AEM90-AP10-D16-C16-L200-Z02-H
			AEM90-AP10-D16-C16-L250-Z02
			AEM90-AP10-D18-W16-L100-Z02-H
			AEM90-AP10-D18-W16-L150-Z02
			AEM90-AP10-D20-C20-L100-Z03-H
			AEM90-AP10-D20-W20-L100-Z03-H
			AEM90-AP10-D20-C20-L120-Z03-H
			AEM90-AP10-D20-C20-L150-Z03
			AEM90-AP10-D20-C20-L150-Z03-H
			AEM90-AP10-D20-W20-L150-Z03
			AEM90-AP10-D20-C20-L200-Z02
			AEM90-AP10-D20-C20-L200-Z03-H
			AEM90-AP10-D20-C20-L250-Z02
			AEM90-AP10-D20-C20-L250-Z02-H
			AEM90-AP10-D21-W20-L150-Z03
			AEM90-AP10-D22-W20-L100-Z03-H
			AEM90-AP10-D22-W20-L150-Z03
			AEM90-AP10-D23-W20-L150-Z03
			AEM90-AP10-D24-W20-L150-Z03
		AEM90-AP10-D25-W25-L100-Z04-H	
		AEM90-AP10-D25-C25-L100-Z03-H	
	AEM90-AP10-D25-W25-L100-Z03-H		
	AEM90-AP10-D25-C25-L120-Z03-H		
	AEM90-AP10-D25-C25-L150-Z03		
	AEM90-AP10-D25-W25-L150-Z03		
	AEM90-AP10-D25-C25-L200-Z02		
	AEM90-AP10-D25-C25-L200-Z03		
	AEM90-AP10-D25-C25-L250-Z02		
	AEM90-AP10-D30-C25-L100-Z04-H		
	AEM90-AP10-D30-C25-L120-Z04-H		
	AEM90-AP10-D30-C25-L150-Z04		
	AEM90-AP10-D32-C25-L100-Z04-H		
	AEM90-AP10-D32-C25-L120-Z04-H		
	AEM90-AP10-D32-C25-L150-Z04		
	AEM90-AP10-D32-W25-L150-Z04		
	AEM90-AP10-D32-C32-L130-Z05		
	AEM90-AP10-D32-W32-L150-Z04		
	AEM90-AP10-D40-W32-L150-Z05		
AP. 1003.. (For DJT)	AP. 1003..	AEM90-AP10D-D16-W16-L150-Z02	
	(For DJT)	AEM90-AP10D-D20-W20-L150-Z03	
		AEM90-AP10D-D25-W20-L150-Z03	
AP. 1003.. (For B.OKE)	AP. 1003..	AEM90-AP100-D16-C15-L150-Z02	
	(For B.OKE)	AEM90-AP100-D21-C20-L150-Z03	
		AEM90-AP100-D26-C25-L150-Z04	
		AEM90-AP100-D33-C32-L200-Z05	
AP. 1003.. (For SMTM)	AP. 1003..	AEM90-AP10S-D16-W16-L150-Z02	
	(For SMTM)	AEM90-AP10S-D20-W20-L150-Z02	
		AEM90-AP10S-D25-W25-L150-Z03	

S Sistem Yüzey Parmak Frezeler / S System End Mills

90°	AEM90-AP..	Uç / Insert	Takım Kodu / Tool Code	
	AP. 11T3.. (For ZCC)	AEM90-AP11-D16-C16-L150-Z02	AEM90-AP11-D16-C16-L150-Z02-H	
		AEM90-AP11-D16-W16-L150-Z02	AEM90-AP11-D16-W16-L150-Z02-H	
		AEM90-AP11-D16-C16-L200-Z02	AEM90-AP11-D17-C16-L150-Z02	
		AEM90-AP11-D17-C16-L150-Z02	AEM90-AP11-D17-C16-L200-Z02	
		AEM90-AP11-D20-C20-L150-Z03	AEM90-AP11-D20-W20-L150-Z03	
		AEM90-AP11-D20-W20-L150-Z03	AEM90-AP11-D20-W20-L150-Z03-H	
		AEM90-AP11-D20-C20-L200-Z03	AEM90-AP11-D21-C20-L150-Z03	
		AEM90-AP11-D21-W20-L150-Z03	AEM90-AP11-D21-W20-L150-Z03-H	
		AEM90-AP11-D21-C20-L200-Z03	AEM90-AP11-D25-C25-L150-Z03	
		AEM90-AP11-D25-W25-L150-Z03	AEM90-AP11-D25-W25-L150-Z03-H	
		AEM90-AP11-D26-C25-L150-Z03	AEM90-AP11-D26-C24-L150-Z03	
		AEM90-AP11-D32-W25-L150-Z04	AEM90-AP11-D32-W32-L150-Z03-H	
		AEM90-AP11-D32-W32-L150-Z04		
		APMT 1135.. (For ACHTK)	AEM90-AP1135A-D14-C16-L150-Z01	
			AEM90-AP1135A-D16-C16-L150-Z02	
			AEM90-AP1135A-D16-C16-L200-Z02	
			AEM90-AP1135A-D16-C16-L250-Z02	
			AEM90-AP1135A-D17-C16-L180-Z02	
			AEM90-AP1135A-D20-C20-L150-Z03	
			AEM90-AP1135A-D20-C20-L200-Z02	
			AEM90-AP1135A-D21-C20-L180-Z02	
		APMT 1135.. (For YG)	AEM90-AP1135A-D25-C25-L200-Z03	
			AEM90-AP1135A-D26-C25-L250-Z02	
		APMT 1135.. (For B.OKE)	AEM90-AP1135A-D33-C32-L250-Z02	
			AEM90-AP1135Y-D16-W16-L150-Z02	
		APMT 1135.. (For XTC-GSC)	AEM90-AP110-D16-C15-L150-Z02	
			AEM90-AP110-D21-C20-L150-Z03	
			AEM90-AP110-D26-C25-L150-Z04	
		AP. 1135.. (For XTC-GSC)	AEM90-AP110-D33-C32-L200-Z05	
			AEM90-APK11G-D16-W16-L150-Z02	
	AEM90-APK11G-D20-W20-L150-Z03			
	AEM90-APK11G-D25-W25-L150-Z03			
	AEM90-AP1135-D16-W16-L110-Z02-H			
	AEM90-AP1135-D16-W16-L150-Z02			
	AEM90-AP1135-D20-W20-L125-Z03-H			
	AP. 1204.. (For TGTC)	AEM90-AP1135-D25-W25-L125-Z04-H		
		AEM90-AP1135-D25-W25-L200-Z04-H		
		AEM90-AP1135-D32-W32-L125-Z05-H		
		AEM90-AP1135-D32-W32-L200-Z04-H		
		AEM90-AP1204-D20-C20-L150-Z02		
		AEM90-AP1204-D21-C20-L150-Z02		
		AEM90-AP1204-D21-C20-L200-Z02		
	AP. 1604.. (For ISO)	AEM90-AP1204-D25-C25-L150-Z03		
		AEM90-AP1204-D26-C25-L250-Z02		
		AEM90-AP1204-D32-C25-L150-Z03		
AEM90-AP16-D25-C20-L100-Z02				
AEM90-AP16-D25-W25-L100-Z02-H				
AEM90-AP16-D25-W25-L150-Z02				
AEM90-AP16-D25-C25-L250-Z02				
AEM90-AP16-D28-W25-L100-Z03-H				
AEM90-AP16-D28-W25-L150-Z03				
AEM90-AP16-D30-W25-L110-Z03-H				
AEM90-AP16-D30-W25-L150-Z02				
AEM90-AP16-D30-W25-L150-Z03				
AEM90-AP16-D32-W32-L110-Z03-H				
AEM90-AP16-D32-C32-L150-Z03				
AEM90-AP16-D32-W25-L150-Z03				
AEM90-AP16-D32-W32-L150-Z03				
AEM90-AP16-D32-W32-L150-Z03-H				
AEM90-AP16-D32-C25-L200-Z03-H				
AEM90-AP16-D32-C32-L250-Z02				
AEM90-AP16-D32-C32-L250-Z03				

Frezeleme Takımları / Milling Tools

S Sistem Yüzey Parmak Frezeler / S System End Mills

90°	AEM90-AP..	Uç / Insert	Takım Kodu / Tool Code
	AP. 1604.. (For ISO)		AEM90-AP16-D35-W32-L150-Z03 AEM90-AP16-D36-W32-L110-Z03-H AEM90-AP16-D36-W32-L150-Z03 AEM90-AP16-D40-W32-L110-Z04-H AEM90-AP16-D40-C32-L150-Z04 AEM90-AP16-D40-W32-L150-Z04 AEM90-AP16-D40-C32-L250-Z02 AEM90-AP16-D40-C32-L250-Z04
			AEM90-AP16D-J-D25-W25-L150-Z02 AEM90-AP16D-J-D25-C25-L200-Z02 AEM90-AP16D-J-D32-W32-L150-Z03 AEM90-AP16D-J-D32-C32-L180-Z03 AEM90-AP16D-J-D32-C32-L200-Z03
			AEM90-AP16L-D25-C25-L120-Z02-H AEM90-AP16L-D25-C25-L150-Z02 AEM90-AP16L-D25-C25-L200-Z02 AEM90-AP16L-D25-C25-L250-Z02 AEM90-AP16L-D32-C32-L120-Z03-H AEM90-AP16L-D32-C32-L150-Z03 AEM90-AP16L-D32-C32-L200-Z03 AEM90-AP16L-D32-C32-L250-Z03 AEM90-AP16L-D40-C32-L120-Z04-H AEM90-AP16L-D40-C32-L150-Z04 AEM90-AP16L-D40-C32-L200-Z04 AEM90-AP16L-D40-C32-L250-Z04
			AEM90-AP16P-D25-W25-L100-Z02-H AEM90-AP16P-D25-W25-L150-Z02 AEM90-AP16P-D32-W32-L150-Z03 AEM90-AP16P-D32-C32-L250-Z02 AEM90-AP16P-D40-W32-L150-Z04
	AP. 1604.. (For LMN)		AEM90-AP1705-D25-C25-L120-Z02 AEM90-AP1705-D26-C25-L200-Z02 AEM90-AP1705-D26-C25-L250-Z02 AEM90-AP1705-D26-C25-L300-Z02 AEM90-AP1705-D28-W25-L075-Z02 AEM90-AP1705-D32-C25-L150-Z03 AEM90-AP1705-D32-C32-L250-Z03 AEM90-AP1705-D32-C32-L300-Z02
	AP. 1604.. (For PLBT)		
	AP. 1705.. (For TGTC)		

S Sistem Modüler Parmak Frezeler / S System Modular End Mills (Screw Type Tools)

90°	AEM90-AP..	Uç / Insert	Takım Kodu / Tool Code
	AP. 1003.. (For ISO)		AEM90-AP10-D16-M08-L30-Z02-H AEM90-AP10-D20-M10-L30-Z03-H AEM90-AP10-D25-M12-L35-Z03-H AEM90-AP10-D32-M16-L35-Z04-H AEM90-AP10-D40-M16-L43-Z05-H AEM90-AP10-D42-M16-L43-Z05-H
			AEM90-AP10D-D16-M08-L30-Z02-H AEM90-AP10D-D20-M10-L30-Z03-H AEM90-AP10D-D25-M12-L35-Z03-H
			AEM90-AP11-D16-M08-L30-Z02-H AEM90-AP11-D20-M10-L30-Z03-H AEM90-AP11-D25-M12-L35-Z03-H AEM90-AP11-D32-M16-L35-Z04-H AEM90-AP11-D40-M16-L43-Z05-H
			AEM90-AP16-D25-M12-L43-Z02-H AEM90-AP16-D32-M16-L43-Z03-H AEM90-AP16-D40-M16-L43-Z04-H AEM90-AP16-D42-M16-L43-Z04-H
	AP. 1604.. (For ISO)		AEM90-AP16D-D25-M12-L43-Z02-H AEM90-AP16D-D32-M16-L43-Z03-H AEM90-AP16D-D40-M16-L43-Z04-H
	AP. 1604.. (For DJT)		
	AP. 1604.. (For LMNA)		

S Sistem Helis Frezeler / S System Helix End Mills

90°	AHM90-AP10	Uç / Insert	Takım Kodu / Tool Code
	AP. 1003.. (For ISO)		AHM90-AP10-D20-W20-L087-Z0204 AHM90-AP10-D20-W20-L087-Z0206 AHM90-AP10-D25-W25-L105-Z0208-H AHM90-AP10-D32-W32-L115-Z0315-H AHM90-AP10-D40-W32-L130-Z0318-H

S Sistem Helis Frezeler / S System Helix End Mills

90°	AHM90-AP1204	Uç / Insert	Takım Kodu / Tool Code
	AP. 1204.. (For TGTC)		AHM90-AP1204-D32-W32-L140-Z0212-H AHM90-AP1204-D40-W32-L160-Z0321-H

Yüzey Frezeler / Face Milling Tools

75°	AFM75-AP16	Uç / Insert	Takım Kodu / Tool Code
	AP. 1604.. (For ISO)		AFM75-AP16-D063-A22-Z04-H AFM75-AP16-D080-A27-Z05-H AFM75-AP16-D100-A32-Z06-H AFM75-AP16-D125-B40-Z07

Yüzey Frezeler / Face Milling Tools

90°	AFM90-AP..	Uç / Insert	Takım Kodu / Tool Code
	AP. 1003.. (For ISO)		AFM90-AP10-D040-A16-Z05-H AFM90-AP10-D050-A22-Z06-H AFM90-AP10-D063-A22-Z07-H AFM90-AP10-D080-A27-Z08-H AFM90-AP10-D100-A32-Z09-H AFM90-AP16-D040-A16-Z04-H AFM90-AP16-D050-A22-Z05-H AFM90-AP16-D052-A22-Z05-H AFM90-AP16-D063-A22-Z06-H AFM90-AP16-D080-A27-Z07-H AFM90-AP16-D100-A32-Z08-H AFM90-AP16-D125-B40-Z09 AFM90-AP16-D160-C40-Z10 AFM90-AP16-D200-C60-Z12
	AP. 1604.. (For ISO)		AFM90-AP16D-D050-A22-Z05-H AFM90-AP16D-D063-A22-Z06-H AFM90-AP16D-D080-A27-Z07-H
	AP. 1604.. (For LMNA)		AFM90-AP16L-D050-A22-Z05-H AFM90-AP16L-D063-A22-Z06-H AFM90-AP16L-D080-A27-Z07-H
	AP. 1604.. (For PLBT)		AFM90-AP16P-D040-A16-Z04-H AFM90-AP16P-D050-A22-Z05-H AFM90-AP16P-D063-A22-Z06-H AFM90-AP16P-D080-A27-Z07-H AFM90-AP16P-D100-A32-Z08-H AFM90-AP16A-D050-A22-Z05-H AFM90-AP16A-D063-A22-Z06-H AFM90-AP16A-D080-A27-Z07-H AFM90-AP16A-D100-A32-Z08-H AFM90-AP16A-D125-B40-Z09 AFM90-AP16Y-D040-A16-Z04-H AFM90-AP16Y-D050-A22-Z05-H AFM90-AP16Y-D063-A22-Z06-H AFM90-AP16Y-D080-A27-Z07-H AFM90-AP16Y-D100-A32-Z08-H
	AP. 1604.. (For ACHTK)		
	AP. 1604.. (For YG)		

Yüzey Frezeler / Face Milling Tools

90°	AFM90-AP1705	Uç / Insert	Takım Kodu / Tool Code
	AP. 1705.. (For TGTC-LMNA)		AFM90-AP1705-D050-A22-Z05-H AFM90-AP1705-D063-A22-Z06-H AFM90-AP1705-D080-A27-Z07-H AFM90-AP1705-D100-A32-Z08-H

S Sistem Modüler Parmak Frezeler / S System Modular End Mills (Screw Type Tools)

90°	AEM90-AX..	Uç / Insert	Takım Kodu / Tool Code
	AX.T 1235.. (For SMTM)		AEM90-AX1235-D16-M08-L30-Z02-H AEM90-AX1235-D20-M10-L30-Z03-H AEM90-AX1235-D25-M12-L35-Z04-H
	AX.T 1705.. (For SMTM)		AEM90-AX1705-D25-M12-L43-Z02-H AEM90-AX1705-D32-M16-L43-Z02-H

Frezeleme Takımları / Milling Tools

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S Sistem Yüzey Parmak Frezeler / S System End Mills

90°	AEM90-AX..	Uç / Insert	Takım Kodu / Tool Code
	AX.T 0602.. (For TGTG)		AEM90-AX0602-D10-C09-L120-Z02
			AEM90-AX0602-D10-C10-L080-Z02
			AEM90-AX0602-D10-C10-L120-Z02
			AEM90-AX0602-D12-C11-L120-Z02
			AEM90-AX0602-D12-C12-L080-Z02
			AEM90-AX0602-D12-C12-L120-Z02
			AEM90-AX0602-D14-C12-L120-Z03
			AEM90-AX0602-D16-W16-L120-Z04-H
			AEM90-AX0602-D16-W16-L150-Z04-H
			AEM90-AX0602-D20-W20-L120-Z05-H
			AEM90-AX0602-D20-W20-L150-Z05-H
			AEM90-AX0903-D16-C16-L120-Z02
			AEM90-AX0903-D16-C16-L180-Z02
			AEM90-AX0903-D17-C16-L120-Z02
			AEM90-AX0903-D17-C16-L180-Z02
AX.T 0903.. (For TGTG)			AEM90-AX0903-D20-C20-L120-Z03
			AEM90-AX0903-D20-C20-L200-Z02
			AEM90-AX0903-D21-C20-L120-Z03
			AEM90-AX0903-D21-C20-L200-Z02
			AEM90-AX0903-D25-C25-L150-Z03
			AEM90-AX0903-D25-C25-L250-Z02
			AEM90-AX0903-D26-C25-L150-Z03

S Sistem Yüzey Parmak Frezeler / S System End Mills

90°	AEM90-AZ11..	Uç / Insert	Takım Kodu / Tool Code
	AZGT 1135.. (For ZCC)		AEM90-AZ11-D12-W16-L90-Z01
			AEM90-AZ11-D16-C16-L200-Z02
			AEM90-AZ11-D16-W15-L170-Z02
			AEM90-AZ11-D16-W16-L100-Z02
			AEM90-AZ11-D16-W16-L150-Z02
			AEM90-AZ11-D17-C16-L150-Z02
			AEM90-AZ11-D17-C16-L180-Z02
			AEM90-AZ11-D17-W16-L100-Z02
			AEM90-AZ11-D18-W16-L120-Z02
			AEM90-AZ11-D20-C20-L200-Z03
			AEM90-AZ11-D20-W19-L170-Z03
			AEM90-AZ11-D20-W20-L110-Z02
			AEM90-AZ11-D21-C20-L150-Z03
			AEM90-AZ11-D21-C20-L180-Z03
			AEM90-AZ11-D21-W20-L110-Z03
			AEM90-AZ11-D22-C20-L150-Z02
			AEM90-AZ11-D25-C24-L180-Z04
			AEM90-AZ11-D25-W25-L110-Z04
			AEM90-AZ11-D26-C25-L250-Z02
			AEM90-AZ11-D26-W25-L120-Z03
			AEM90-AZ11-D26-W25-L120-Z04
			AEM90-AZ11-D28-C25-L180-Z03
			AEM90-AZ11-D28-C25-L250-Z02
			AEM90-AZ11-D33-W32-L130-Z04

S Sistem Yüzey Parmak Frezeler / S System End Mills

90°	AEM90-AX..	Uç / Insert	Takım Kodu / Tool Code
	AX.T 1235.. (For SMTM)		AEM90-AX1235-D16-C14-L120-Z02-H
			AEM90-AX1235-D16-C15-L145-Z02-H
			AEM90-AX1235-D16-C16-L100-Z02-H
			AEM90-AX1235-D16-C16-L140-Z02-H
			AEM90-AX1235-D16-C16-L145-Z02-H
			AEM90-AX1235-D16-C16-L150-Z02
			AEM90-AX1235-D20-C19-L150-Z02-H
			AEM90-AX1235-D20-C20-L110-Z03-H
			AEM90-AX1235-D20-C20-L150-Z02
			AEM90-AX1235-D20-C20-L150-Z02-H
			AEM90-AX1235-D20-C20-L150-Z03
			AEM90-AX1235-D25-C20-L120-Z04-H
			AEM90-AX1235-D25-C20-L150-Z04-H
			AEM90-AX1235-D25-C24-L170-Z02-H
			AEM90-AX1235-D25-C25-L120-Z04-H
			AEM90-AX1235-D25-C25-L150-Z03
			AEM90-AX1235-D25-C25-L170-Z02-H
			AEM90-AX1235-D25-W25-L100-Z04-H
			AEM90-AX1235-D32-C32-L130-Z05-H
			AEM90-AX1235-D32-C32-L180-Z02-H
			AEM90-AX1705-D25-C25-L150-Z02
			AEM90-AX1705-D28-W25-L115-Z02-H
			AEM90-AX1705-D32-C32-L150-Z03
			AEM90-AX1705-D32-C32-L180-Z02-H
AX.T 1705.. (For SMTM)			AEM90-AX1705-D25-C25-L150-Z02
			AEM90-AX1705-D28-W25-L115-Z02-H
			AEM90-AX1705-D32-C32-L150-Z03
			AEM90-AX1705-D32-C32-L180-Z02-H

S Sistem Yüzey Parmak Frezeler / S System End Mills

90°	AEM90-BD..	Uç / Insert	Takım Kodu / Tool Code
	BDMT 11T3.. (For KYCR)		AEM90-BD11T3-D16-C15-L180-Z02
			AEM90-BD11T3-D16-C16-L100-Z02-H
			AEM90-BD11T3-D16-W16-L100-Z02-H
			AEM90-BD11T3-D16-W16-L150-Z02
			AEM90-BD11T3-D16-C16-L160-Z02-H
			AEM90-BD11T3-D17-W16-L150-Z02
			AEM90-BD11T3-D17-C16-L180-Z02
			AEM90-BD11T3-D18-W16-L100-Z02
			AEM90-BD11T3-D18-W16-L100-Z02-H
			AEM90-BD11T3-D20-C20-L170-Z03-H
			AEM90-BD11T3-D20-W20-L81-Z03-H
			AEM90-BD11T3-D20-W20-L100-Z02-H
			AEM90-BD11T3-D20-W20-L100-Z03-H
			AEM90-BD11T3-D20-C20-L110-Z03-H
			AEM90-BD11T3-D25-C20-L120-Z03-H
			AEM90-BD11T3-D20-W20-L150-Z02
			AEM90-BD11T3-D20-W20-L150-Z03
			AEM90-BD11T3-D20-W20-L150-Z03-H
			AEM90-BD11T3-D21-W20-L150-Z03
			AEM90-BD11T3-D21-C20-L200-Z02
			AEM90-BD11T3-D22-W20-L090-Z02-H
			AEM90-BD11T3-D25-W25-L100-Z03-H
			AEM90-BD11T3-D25-C25-L120-Z03-H
			AEM90-BD11T3-D25-W25-L150-Z03
			AEM90-BD11T3-D26-W25-L150-Z03
			AEM90-BD11T3-D26-C25-L250-Z02
			AEM90-BD11T3-D32-W32-L110-Z04-H
			AEM90-BD11T3-D32-C32-L130-Z04-H
			AEM90-BD11T3-D32-W32-L150-Z04
			AEM90-BD11T3-D40-W32-L110-Z04-H
			AEM90-BD1704-D25-C25-L210-Z03-H
			AEM90-BD1704-D32-C32-L130-Z03-H
			AEM90-BD1704-D25-W25-L100-Z02-H
			AEM90-BD1704-D25-W25-L150-Z02
			AEM90-BD1704-D32-W32-L110-Z03-H
			AEM90-BD1704-D32-W32-L130-Z03-H
			AEM90-BD1704-D32-W32-L150-Z03
			AEM90-BD1704-D40-W32-L110-Z04-H
			AEM90-BD1704-D40-W32-L150-Z04
BDMT 1704.. (For KYCR)			AEM90-BD1704-D25-C25-L210-Z03-H
			AEM90-BD1704-D32-C32-L130-Z03-H
			AEM90-BD1704-D25-W25-L100-Z02-H
			AEM90-BD1704-D25-W25-L150-Z02

Yüzey Frezeler / Face Milling Tools

90°	AFM90-AX1705	Uç / Insert	Takım Kodu / Tool Code
	AX.T 1235.. (For SMTM)		AFM90-AX1235-D040-A16-Z06-H
			AFM90-AX1235-D050-A22-Z07-H
			AFM90-AX1235-D063-A22-Z08-H
			AFM90-AX1235-D080-A27-Z10-H
	AX.T 1705.. (For SMTM)		AFM90-AX1705-D040-A16-Z04-H
			AFM90-AX1705-D050-A22-Z05-H
			AFM90-AX1705-D063-A22-Z06-H
			AFM90-AX1705-D080-A27-Z07-H
			AFM90-AX1705-D100-A32-Z08-H

S Sistem Modüler Parmak Frezeler / S System Modular End Mills (Screw Type Tools)

90°	AEM90-BD11T3	Uç / Insert	Takım Kodu / Tool Code
	BDMT 11T3.. (For KYCR)		AEM90-BD11T3-D16-M08-L25-Z02-H
			AEM90-BD11T3-D25-M12-L35-Z04-H
			AEM90-BD11T3-D32-M16-L40-Z05-H

Frezeleme Takımları / Milling Tools

Yüzey Frezeler / Face Milling Tools

90°	AFM90-BD..	Uç / Insert	Takım Kodu / Tool Code
		BDMT 11T3.. (For KYCR)	AFM90-BD11T3-D040-A16-Z04-H AFM90-BD11T3-D040-A16-Z05-H AFM90-BD11T3-D050-A22-Z05-H AFM90-BD11T3-D063-A22-Z06-H
		BDMT 1704.. (For KYCR)	AFM90-BD1704-D050-A22-Z04-H AFM90-BD1704-D050-A22-Z05-H AFM90-BD1704-D063-A22-Z06-H AFM90-BD1704-D080-A27-Z06-H AFM90-BD1704-D080-A27-Z07-H AFM90-BD1704-D100-A32-Z07-H

S Sistem Modüler Parmak Frezeler / S System Modular End Mills (Screw Type Tools)

90°	AEM90-DC..	Uç / Insert	Takım Kodu / Tool Code
		DC.T 0702. (For ISO)	AEM90-DC07-D20-M10-L30-Z02-H AEM90-DC07-D25-M12-L35-Z03-H AEM90-DC07-D32-M16-L43-Z04-H AEM90-DC07-D40-M16-L43-Z05-H
		DC.T 11T3.. (For ISO)	AEM90-DC11-D32-M16-L43-Z03-H-F AEM90-DC11-D40-M16-L43-Z03-H-F

S Sistem Yüzey Parmak Frezeler / S System End Mills

90°	AEM90-ED..	Uç / Insert	Takım Kodu / Tool Code
		EDPT 10T3.. (For KNMTL)	AEM90-ED10T3-D16-W16-L120-Z02 AEM90-ED10T3-D20-W20-L120-Z02
		EDPT 1404.. (For KNMTL)	AEM90-ED1404-D20-W20-L150-Z02 AEM90-ED1404-D25-W25-L150-Z02 AEM90-ED1404-D30-C25-L150-Z03

Yüzey Frezeler / Face Milling Tools

45°	AFM45-HN0905	Uç / Insert	Takım Kodu / Tool Code
		HN.. 0905.. (For WDA)	AFM45-HN0905-D050-A22-Z05-H AFM45-HN0905-D063-A22-Z06-H AFM45-HN0905-D080-A27-Z07-H AFM45L-HN0905-D100-A32-Z08-H AFM45-HN0905-D125-B40-Z10 AFM45L-HN0905-D125-B40-Z10 AFM45-HN0905-D160-C40-Z12 AFM45L-HN0905-D160-C40-Z12 AFM45-HN0905-D200-C60-Z16 AFM45L-HN0905-D200-C60-Z16

Yüzey Frezeler / Face Milling Tools

45°	AFM45C-HN0905	Uç / Insert	Takım Kodu / Tool Code
		HN.. 0905.. (For WDA-KNMTL)	AFM45C-HN0905-D063-A22-Z07 AFM45C-HN0905-D080-A27-Z09 AFM45C-HN0905-D100-A32-Z11 AFM45C-HN0905-D125-B40-Z13 AFM45CL-HN0905-D125-B40-Z10 AFM45C-HN0905-D160-C40-Z15

Yüzey Frezeler / Face Milling Tools

90°	AFM90-LN1306W	Uç / Insert	Takım Kodu / Tool Code
		LNHU 1306.. (For WLTR)	AFM90-LN1306W-D050-A22-Z05-H AFM90-LN1306W-D063-A22-Z06-H AFM90-LN1306W-D080-A27-Z07-H

S Sistem Yüzey Parmak Frezeler / S System End Mills

90°	AEM90-LN..	Uç / Insert	Takım Kodu / Tool Code
		LNMT 0804.. (For ISCR)	AEM90-LN08-D16-W16-L100-Z02-H AEM90-LN08-D16-W16-L150-Z02 AEM90-LN08-D20-W20-L100-Z03-H AEM90-LN08-D25-W25-L100-Z03-H AEM90-LN08-D32-W32-L110-Z05-H
		T490 LNMT 1306.. (For ISCR)	AEM90-LN1306-D32-C32-L110-Z03-H AEM90-LN1306-D32-W32-L150-Z03

Yüzey Frezeler / Face Milling Tools

90°	AFM90-LN..	Uç / Insert	Takım Kodu / Tool Code
		LNMT 1106.. (For ISCR)	AFM90-LN1106-D050-A22-Z05 AFM90-LN1106-D063-A22-Z06 AFM90-LN1106-D080-A27-Z08 AFM90-LN1106-D100-A32-Z09 AFM90-LN1106-D100-A32-Z09 AFM90-LN1106-D125-B40-Z10
		T490 LNMT 1306.. (For ISCR)	AFM90-LN1306-D040-A16-Z04-H AFM90-LN1306-D050-A22-Z05-H AFM90-LN1306-D063-A22-Z06-H AFM90-LN1306-D080-A27-Z07-H AFM90-LN1306-D100-A32-Z08-H
		LNMT 1506.. (For ISCR)	AFM90-LN1506-D040-A16-Z04 AFM90-LN1506-D040-A16-Z04 AFM90-LN1506-D050-A22-Z05 AFM90-LN1506-D063-A22-Z06 AFM90-LN1506-D080-A27-Z07
		LNMT 1607.. (For ISCR)	AFM90-LN1607-D050-A22-Z03-H AFM90-LN1607-D063-A22-Z04-H AFM90-LN1607-D080-A27-Z05-H AFM90-LN1607-D100-A32-Z06-H

S Sistem Yüzey Parmak Frezeler / S System End Mills

90°	AEM90-LN1106	Uç / Insert	Takım Kodu / Tool Code
		LNMT 1106.. (For XTC-GSC)	AEM90-LN1106-D25-W25-L150-Z03 AEM90-LN1106-D32-W32-L150-Z04 AEM90-LN1106-D40-W32-L150-Z05

Yüzey Frezeler / Face Milling Tools

90°	AFM90-LN1506X	Uç / Insert	Takım Kodu / Tool Code
		LNMT 1506.. (For XTC-GSC)	AFM90-LN1506X-D063-A22-Z06 AFM90-LN1506X-D080-A27-Z07 AFM90-LN1506X-D100-A32-Z08

Yüzey Frezeler / Face Milling Tools

90°	AFM90-L01207	Uç / Insert	Takım Kodu / Tool Code
		LOGU 1207.. (For MTSBSH)	AFM90-L01207-D040-A16-Z04-H AFM90-L01207-D050-A22-Z05-H AFM90-L01207-D063-A22-Z05-H

Frezeleme Takımları / Milling Tools

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Yüzey Frezeler / Face Milling Tools

90°	AFM90-L008	Uç / Insert	Takım Kodu / Tool Code
		LOEX 0804... (For SC)	AFM90-L008-D040-A16-Z06-H AFM90-L008-D050-A22-Z07-H AFM90-L008-D063-A27-Z06-H

45°	AFM45-NN2007	Uç / Insert	Takım Kodu / Tool Code
		NNMU 2007... (For MTSBSH)	AFM45-NN2007-D100-A32-Z07-H AFM45-NN2007-D125-B40-Z08 AFM45-NN2007-D160-C40-Z10

S Sistem Yüzey Parmak Frezeler / S System End Mills

90°	AEM90-LN15T6	Uç / Insert	Takım Kodu / Tool Code
		LNGU 15T6... (For KNMTL)	AEM90-LN15T6-D25-W25-L150-Z02-H AEM90-LN15T6-D32-W32-L150-Z03-H AEM90-LN15T6-D40-W32-L150-Z03-H

Yüzey Frezeler / Face Milling Tools

90°	AFM90-LN15T6	Uç / Insert	Takım Kodu / Tool Code
		LNGU 15T6... (For KNMTL)	AFM90-LN15T6-D050-A22-Z05-H AFM90-LN15T6-D063-A22-Z06-H AFM90-LN15T6-D080-A27-Z07-H

S Sistem Yüzey Parmak Frezeler / S System End Mills

90°	AEM90-LN1006	Uç / Insert	Takım Kodu / Tool Code
		LN.X 1006... (For KRLY)	AEM90-LN1006-D16-W16-L120-Z01-H AEM90-LN1006-D16-W16-L150-Z01 AEM90-LN1006-D18-W16-L120-Z02-H AEM90-LN1006-D20-W20-L120-Z02-H AEM90-LN1006-D20-W20-L150-Z02 AEM90-LN1006-D25-W25-L120-Z03-H AEM90-LN1006-D25-W25-L150-Z03 AEM90-LN1006-D32-W32-L120-Z04-H AEM90-LN1006-D32-W32-L150-Z04

Yüzey Frezeler / Face Milling Tools

90°	AFM90-LN1307	Uç / Insert	Takım Kodu / Tool Code
		LNGX 1307... (For WLTR)	AFM90-LN1307-D050-A22-Z04-H AFM90-LN1307-D063-A22-Z06-H AFM90-LN1307-D080-A27-Z07-H AFM90-LN1307-D100-A32-Z08-H

Yüzey Frezeler / Face Milling Tools

90°	AFM90-LN15Z	Uç / Insert	Takım Kodu / Tool Code
		LNKT 1506... (For ZCC)	AFM90-LN15Z-D050-A22-Z04 AFM90-LN15Z-D063-A22-Z05 AFM90-LN15Z-D080-A27-Z06 AFM90-LN15Z-D100-A32-Z07 AFM90-LN15Z-D125-B40-Z08

Yüzey Frezeler / Face Milling Tools

43°	AFM43-OD0504	Uç / Insert	Takım Kodu / Tool Code
		OD.. 0504... (For WLTR)	AFM43-OD0504-D040-A16-Z04-H AFM43-OD0504-D050-A22-Z05-H AFM43-OD0504-D063-A22-Z06-H AFM43-OD0504-D080-A27-Z07-H AFM43-OD0504-D100-A32-Z08-H

Yüzey Frezeler / Face Milling Tools

43°	AFM43C-OD0605	Uç / Insert	Takım Kodu / Tool Code
		OD.. 0605... (For WLTR-LMNA)	AFM43C-OD0605-D080-A27-Z06-H AFM43C-OD0605-D100-A32-Z07-H AFM43C-OD0605-D125-B40-Z08

Yüzey Frezeler / Face Milling Tools

43°	AFM43-OF05T3	Uç / Insert	Takım Kodu / Tool Code
		OF.. 05T3... (For ISO)	AFM43-OF05T3-D050-A22-Z05-H AFM43-OF05T3-D063-A22-Z06-H AFM43-OF05T3-D080-A27-Z07-H AFM43-OF05T3-D125-B40-Z09

Yüzey Frezeler / Face Milling Tools

43°	AFM43C-OF07	Uç / Insert	Takım Kodu / Tool Code
		OF.. 0704... (For ISO)	AFM43C-OF07-D063-A22-Z04 AFM43C-OF07-D080-A27-Z05 AFM43C-OF07-D100-A32-Z06 AFM43C-OF07-D125-B40-Z08 AFM43C-OF07-D160-C40-Z09

Yüzey Frezeler / Face Milling Tools

43°	AFM43-ON0604	Uç / Insert	Takım Kodu / Tool Code
		ON.. 0604... (For ZCC)	AFM43-ON0604-D050-A22-Z05-H AFM43-ON0604-D063-A22-Z06-H AFM43-ON0604-D080-A27-Z07-H AFM43-ON0604-D100-A32-Z08-H AFM43-ON0604-D125-B40-Z09

Yüzey Frezeler / Face Milling Tools

45°	AFM45-ON0806	Uç / Insert	Takım Kodu / Tool Code
		ON.. 0806... (For ISO)	AFM45-ON0806-D063-A22-Z05-H AFM45-ON0806-D063-A22-Z06-H AFM45-ON0806-D080-A27-Z06-H AFM45-ON0806-D080-A27-Z08-H AFM45-ON0806-D100-A32-Z07-H AFM45-ON0806-D100-A32-Z10-H AFM45-ON0806-D125-B40-Z08 AFM45-ON0806-D100-A32-Z10 AFM45-ON0806-D160-C40-Z10 AFM45-ON0806-D125-B40-Z12 AFM45-ON0806-D200-C60-Z12 AFM45-ON0806-D160-C40-Z14 AFM45-ON0806-D250-C60-Z14 AFM45-ON0806-D315-D60-Z16 AFM45C-ON0806-D080-A27-Z10 AFM45C-ON0806-D100-A32-Z14-H AFM45C-ON0806-D125-B40-Z18 AFM45C-ON0806-D160-C40-Z22

Yüzey Frezeler / Face Milling Tools

44°	AFM44-ON0606	Uç / Insert	Takım Kodu / Tool Code
		ONHX 0606... (For KRLY)	AFM44-ON0606-D063-A22-Z06-H AFM44-ON0606-D080-A27-Z08-H AFM44-ON0606-D100-A32-Z10-H

Frezeleme Takımları / Milling Tools

Yüzey Frezeler / Face Milling Tools

66°	AFM66-PN0905	Uç / Insert	Takım Kodu / Tool Code
		PNMU 0905.. (For KYCR)	AFM66-PN0905-D050-A22-Z05 AFM66-PN0905-D063-A22-Z06 AFM66-PN0905-D080-A27-Z08 AFM66-PN0905-D100-A32-Z10 AFM66-PN0905-D125-B40-Z12

S Sistem Modüler Parmak Frezeler / S System Modular End Mills (Screw Type Tools)

90°	AEM90-RT10	Uç / Insert	Takım Kodu / Tool Code
		RT 1003.. (For SFTY)	AEM90-RT10-D16-M08-L20-Z02-H AEM90-RT10-D20-M10-L25-Z03-H AEM90-RT10-D25-M12-L30-Z04-H AEM90-RT10-D32-M16-L43-Z05-H AEM90-RT10-D42-M16-L43-Z06-H

Yüzey Frezeler / Face Milling Tools

67°	AFM67-PN1105	Uç / Insert	Takım Kodu / Tool Code
		PNEG 1105.. (For ZCC)	AFM67-PN1105-D050-A22-Z05 AFM67-PN1105-D063-A22-Z06 AFM67-PN1105-D080-A27-Z08 AFM67-PN1105-D100-B32-Z10 AFM67-PN1105-D125-B40-Z12 AFM67-PN1105-D160-C40-Z14

Yüzey Frezeler / Face Milling Tools

90°	AFM90-R390..	Uç / Insert	Takım Kodu / Tool Code
		R390-11T3.. (For SNDVK)	AFM90-R390.11-D040-A16-Z05-H AFM90-R390.11-D050-A22-Z06-H AFM90-R390.11-D063-A22-Z07-H AFM90-R390.11-D080-A27-Z09-H
		R390-1704.. (For SNDVK)	AFM90-R390.17-D040-A16-Z04-H AFM90-R390.17-D050-A22-Z05-H AFM90-R390.17-D063-A22-Z06-H AFM90-R390.17-D080-A27-Z07-H AFM90-R390.17-D100-A32-Z08-H AFM90-R390.17-D125-B40-Z09
		R390-1806.. (For SNDVK)	AFM90-R390.18-D050-A22-Z04-H AFM90-R390.18-D063-A22-Z05-H AFM90-R390.18-D080-A27-Z06-H AFM90-R390.18-D100-A32-Z07-H AFM90-R390.18-D125-B40-Z08

Yüzey Frezeler / Face Milling Tools

90°	AFM90-R290.12	Uç / Insert	Takım Kodu / Tool Code
		R290-12T3.. (For SNDVK)	AFM90-R290.12-D050-A22-Z04-H AFM90-R290.12-D063-A22-Z05-H AFM90-R290.12-D080-A27-Z07-H AFM90-R290.12-D100-A32-Z09-H AFM90-R290.12-D125-B40-Z11

S Sistem Yüzey Parmak Frezeler / S System End Mills

90°	AEM90-RT..	Uç / Insert	Takım Kodu / Tool Code
		RT 0702.. (For SFTY)	AEM90-RT07-D10-W10-L120-Z02 AEM90-RT07-D12-C12-L120-Z02 AEM90-RT07-D12-W12-L120-Z02 AEM90-RT07-D14-W12-L120-Z02
		RT 1003.. (For SFTY)	AEM90-RT10-D16-C15-L160-Z02 AEM90-RT10-D16-W16-L120-Z02-H AEM90-RT10-D16-W16-L150-Z02 AEM90-RT10-D16-C16-L200-Z02 AEM90-RT10-D17-W16-L160-Z02 AEM90-RT10-D17-C16-L200-Z02 AEM90-RT10-D18-W16-L120-Z02-H AEM90-RT10-D20-C19-L200-Z03 AEM90-RT10-D20-C20-L110-Z03 AEM90-RT10-D20-W20-L120-Z03-H AEM90-RT10-D20-W20-L150-Z03 AEM90-RT10-D20-C20-L200-Z03 AEM90-RT10-D21-W20-L200-Z03 AEM90-RT10-D22-W20-L120-Z03-H AEM90-RT10-D22-C20-L150-Z03 AEM90-RT10-D22-C20-L200-Z03 AEM90-RT10-D25-W25-L120-Z04-H AEM90-RT10-D25-W25-L150-Z04 AEM90-RT10-D25-C25-L200-Z04 AEM90-RT10-D26-C25-L250-Z04 AEM90-RT10-D32-W32-L120-Z05-H AEM90-RT10-D32-W32-L150-Z05 AEM90-RT10-D32-C32-L200-Z05 AEM90-RT10-D33-C32-L250-Z04
		RT 1304.. (For SFTY)	AEM90-RT13-D32-C32-L250-Z04
		RT 1604.. (For SFTY)	AEM90-RT16-D25-W25-L120-Z02-H AEM90-RT16-D25-W25-L150-Z02 AEM90-RT16-D25-C25-L200-Z02 AEM90-RT16-D32-W32-L120-Z03-H AEM90-RT16-D32-W32-L150-Z03 AEM90-RT16-D32-C32-L200-Z03 AEM90-RT16-D32-C32-L250-Z03 AEM90-RT16-D32-C32-L270-Z03 AEM90-RT16-D40-W32-L120-Z04-H AEM90-RT16-D40-W32-L150-Z04 AEM90-RT16-D40-C32-L200-Z04

S Sistem Yüzey Parmak Frezeler / S System End Mills

90°	AEM90-R390..	Uç / Insert	Takım Kodu / Tool Code
		R390-11T3.. (For SNDVK)	AEM90-R390.11-D16-W16-L100-Z02-H AEM90-R390.11-D16-W16-L150-Z02 AEM90-R390.11-D16-W16-L150-Z02-H AEM90-R390.11-D20-W20-L090-Z02-H AEM90-R390.11-D20-W20-L100-Z03-H AEM90-R390.11-D20-W20-L150-Z03 AEM90-R390.11-D20-W20-L150-Z03-H AEM90-R390.11-D20-C20-L150-Z03 AEM90-R390.11-D22-W20-L090-Z02-H AEM90-R390.11-D25-C20-L150-Z03 AEM90-R390.11-D25-W25-L100-Z03-H AEM90-R390.11-D25-W25-L150-Z03 AEM90-R390.11-D25-W25-L150-Z03-H AEM90-R390.11-D30-W25-L150-Z04-H AEM90-R390.11-D32-C25-L200-Z03 AEM90-R390.11-D32-W32-L150-Z05-H AEM90-R390.17-D25-W25-L150-Z02 AEM90-R390.17-D25-W25-L150-Z02-H AEM90-R390.17-D30-W25-L150-Z03 AEM90-R390.17-D30-W25-L150-Z03-H AEM90-R390.17-D32-W32-L150-Z03-H
		R390-1704.. (For SNDVK)	AEM90-R390.17-D25-W25-L150-Z02 AEM90-R390.17-D30-W25-L150-Z03 AEM90-R390.17-D30-W25-L150-Z03-H AEM90-R390.17-D32-W32-L150-Z03-H
		R390-1806.. (For SNDVK)	AEM90-R390.18-D32-C32-L150-Z03

S Sistem Modüler Parmak Frezeler / S System Modular End Mills (Screw Type Tools)

90°	AEM90-R390.11	Uç / Insert	Takım Kodu / Tool Code
		R390-11T3 (For SNDVK)	AEM90-R390.11-D16-M08-L30-Z02-H AEM90-R390.11-D20-M10-L30-Z03-H AEM90-R390.11-D25-M12-L35-Z03-H AEM90-R390.11-D32-M16-L43-Z04-H

Frezeleme Takımları / Milling Tools

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Yüzey Frezeler / Face Milling Tools

90°	AFM90-RT10	Uç / Insert	Takım Kodu / Tool Code
		RT 1003.. (For SFTY)	AFM90-RT10-D040-A16-Z06-H AFM90-RT10-D050-A22-Z07-H AFM90-RT10-D063-A22-Z09-H

Yüzey Frezeler / Face Milling Tools

45°	AFM45-SE13	Uç / Insert	Takım Kodu / Tool Code
		SEMT 13T3.. (For SMTM-DJT)	AFM45-SE13-D050-A22-Z04-H AFM45-SE13-D063-A22-Z05-H AFM45-SE13-D080-A27-Z06-H AFM45-SE13-D050-A22-Z05-H AFM45-SE13-D063-A22-Z06-H AFM45-SE13-D080-A27-Z08-H AFM45-SE13-D100-A32-Z10-H AFM45-SE13-D125-B40-Z12

Yüzey Frezeler / Face Milling Tools

45°	AFM45-SA1706	Uç / Insert	Takım Kodu / Tool Code
		SAKU 1706.. (For CRTZT)	AFM45-SA1706-D080-A27-Z06-H AFM45-SA1706-D100-A32-Z07-H AFM45-SA1706-D125-B40-Z09

Yüzey Frezeler / Face Milling Tools

90°	AEM90-S0803	Uç / Insert	Takım Kodu / Tool Code
		SOMT 0803.. (For SMTM)	AEM90-S00803-D20-C16-L110-Z02-H AEM90-S00803-D25-C20-L110-Z02-H AEM90-S00803-D32-C25-L120-Z03-H

Yüzey Frezeler / Face Milling Tools

90°	AFM90-SD..	Uç / Insert	Takım Kodu / Tool Code
		SD.. 09M4.. (For KRLV)	AFM90-SD09M4-D040-A16-Z04-H AFM90-SD09M4-D050-A22-Z05-H AFM90-SD09M4-D063-A22-Z06-H AFM90-SD09M4-D063-A27-Z06-H AFM90-SD09M4-D080-A27-Z07-H
		SD.. 1305.. (For KRLV)	AFM90-SD1305-D050-A22-Z04-H AFM90-SD1305-D063-A22-Z05-H AFM90-SD1305-D080-A27-Z06-H AFM90-SD1305-D100-A32-Z07-H AFM90-SD1305-D125-B40-Z08 AFM90-SD1305-D160-C40-Z10

Yüzey Frezeler / Face Milling Tools

45°	AFM45-SE..	Uç / Insert	Takım Kodu / Tool Code
		SE.. 12T3.. R245-12T3.. (For ZCC-SNDVK)	AFM45-SE12-D050-A22-Z04-H AFM45-SE12-D050-A22-Z04-H AFM45-SE12-D063-A22-Z05-H AFM45-SE12-D063-A22-Z05-H AFM45-SE12-D080-A27-Z06-H AFM45-SE12-D080-A27-Z06-H AFM45-SE12-D100-A32-Z07-H AFM45-SE12-D125-B40-Z08 AFM45-SE12-D160-C40-Z10 AFM45-SE12-D160-C40-Z10 AFM45-SE12-D200-C60-Z12
		SE.. 14M4.. (For KRLV)	AFM45-SE14M4-D063-A22-Z04-H AFM45-SE14M4-D080-A27-Z05-H AFM45-SE14M4-D100-A32-Z05-H AFM45-SE14M4-D125-B40-Z06 AFM45-SE14M4-D160-C40-Z07

Yüzey Frezeler / Face Milling Tools

90°	AFM90S-SD1204	Uç / Insert	Takım Kodu / Tool Code
		SDMT 1204.. (For DJT)	AFM90S-SD1204-D050-A22-Z04-H AFM90S-SD1204-D063-A22-Z05-H AFM90S-SD1204-D080-A27-Z06-H AFM90S-SD1204-D100-A32-Z08-H AFM90S-SD1204-D125-B40-Z10 AFM90S-SD1204-D160-C40-Z12

Yüzey Frezeler / Face Milling Tools

90°	AFM90-SE12	Uç / Insert	Takım Kodu / Tool Code
		SEET 1203.. (For ZCC)	AFM90-SE12-D050 A22 Z04-H AFM90-SE12-D063 A22 Z05-H AFM90-SE12-D080 A27 Z07-H AFM90-SE12-D100 A32 Z09-H AFM90-SE12-D125 B40 Z11

S Sistem Yüzey Parmak Frezeler / S System End Mills

90°	AEM90-SE09	Uç / Insert	Takım Kodu / Tool Code
		SEET 09T3.. (For ZCC)	AEM90-SE09-D25-C25-L120-Z03-H AEM90-SE09-D25-C25-L150-Z02 AEM90-SE09-D32-C32-L120-Z04-H AEM90-SE09-D32-C32-L150-Z03

Yüzey Frezeler / Face Milling Tools

45°	AFM45C-SN1206	Uç / Insert	Takım Kodu / Tool Code
		SN.. 1206.. (For KRLV-PLBT-BHLR)	AFM45C-SN1206-D050-A22-Z04-H AFM45C-SN1206-D050-A22-Z05-H AFM45C-SN1206-D050-A22-Z05-H AFM45C-SN1206-D063-A22-Z06-H AFM45C-SN1206-D063-A22-Z07-H AFM45C-SN1206-D063-A22-Z07-H AFM45C-SN1206-D080-A27-Z07-H AFM45C-SN1206-D080-A27-Z08-H AFM45C-SN1206-D080-A27-Z08-H AFM45C-SN1206-D100-A32-Z08-H AFM45C-SN1206-D100-A32-Z10-H AFM45C-SN1206-D100-A32-Z10-H AFM45C-SN1206-D125-B40-Z11 AFM45C-SN1206-D125-B40-Z11 AFM45C-SN1206-D160-C40-Z12 AFM45C-SN1206-D200-C60-Z14 AFM45C-SN1206-D200-C60-Z14

Yüzey Frezeler / Face Milling Tools

90°	AFM90-SE09	Uç / Insert	Takım Kodu / Tool Code
		SEET 09T3.. (For ZCC)	AFM90-SE09-D040-A16-Z04-H AFM90-SE09-D050-A22-Z05-H AFM90-SE09-D063-A22-Z06-H

Frezeleme Takımları / Milling Tools

Yüzey Frezeler / Face Milling Tools

45°	AFM45C-SN..	Uç / Insert	Takım Kodu / Tool Code
		SN.. 12.... (For WLTR-LMN-ACHTK)	AFM45C-SN12..-D050-A22-Z04-H AFM45C-SN12..-D050-A22-Z05-H AFM45C-SN12..-D063-A22-Z06-H AFM45C-SN12..-D063-A22-Z07-H AFM45C-SN12..-D063-A22-Z07-H AFM45C-SN12..-D080-A27-Z07-H AFM45C-SN12..-D080-A27-Z08-H AFM45C-SN12..-D080-A27-Z08-H AFM45C-SN12..-D100-A32-Z08-H AFM45C-SN12..-D100-A32-Z10-H AFM45C-SN12..-D100-A32-Z10-H AFM45C-SN12..-D125-B40-Z11 AFM45C-SN12..-D125-B40-Z11 AFM45C-SN12..-D160-C40-Z12 AFM45C-SN12..-D200-C60-Z14 AFM45C-SN12..-D200-C60-Z14

Yüzey Frezeler / Face Milling Tools

88°	AFM88-SN1305	Uç / Insert	Takım Kodu / Tool Code
		SNMU 1305.. (For KYCR)	AFM88-SN1305-D050-A22-Z04 AFM88-SN1305-D050-A22-Z05 AFM88-SN1305-D063-A22-Z05 AFM88-SN1305-D063-A22-Z07 AFM88-SN1305-D080-A27-Z06 AFM88-SN1305-D080-A27-Z09 AFM88-SN1305-D100-A32-Z07 AFM88-SN1305-D100-A32-Z11 AFM88-SN1305-D125-B40-Z13

Yüzey Frezeler / Face Milling Tools

88°	AFM88C-SN1204	Uç / Insert	Takım Kodu / Tool Code
		SNCN 1204.. (For UNIN-NT-KYCR)	AFM88C-SN1204-D050-A22-Z05 AFM88C-SN1204-D063-A22-Z06 AFM88C-SN1204-D080-A27-Z07 AFM88C-SN1204-D100-A32-Z08 AFM88C-SN1204-D125-B40-Z11

Yüzey Frezeler / Face Milling Tools

88°	AFM88C-SN1206	Uç / Insert	Takım Kodu / Tool Code
		SN.. 1206.. (For ISO)	AFM88C-SN1206-D063-A22-Z06-H AFM88C-SN1206-D080-A27-Z07-H AFM88C-SN1206-D100-A32-Z09-H
		SN.. 12.. (For ISO)	AFM88C-SN12..-D063-A22-Z06-H AFM88C-SN12..-D080-A27-Z07-H AFM88C-SN12..-D100-A32-Z09-H

Yüzey Frezeler / Face Milling Tools

45°	AFM45C-SN12Z	Uç / Insert	Takım Kodu / Tool Code
		SNEG 1205.. (For ZCC)	AFM45C-SN12Z-D050-A22-Z05-H AFM45C-SN12Z-D063-A22-Z06-H AFM45C-SN12Z-D080-A27-Z07-H AFM45C-SN12Z-D100-A32-Z09-H AFM45C-SN12Z-D125-B40-Z11 AFM45C-SN12Z-D160-C40-Z12 AFM45C-SN12Z-D200-C60-Z14

Yüzey Frezeler / Face Milling Tools

88°	AFM88C-SN12Z	Uç / Insert	Takım Kodu / Tool Code
		SNEG 1205.. (For ZCC)	AFM88C-SN12Z-D063-A22-Z06-H AFM88C-SN12Z-D080-A27-Z07-H

Yüzey Frezeler / Face Milling Tools

90°	AFM90-SP09T3	Uç / Insert	Takım Kodu / Tool Code
		SPMT 09T3.. (For SNDVK)	AFM90-SP09T3-D040-A16-Z05-H AFM90-SP09T3-D050-A22-Z06-H AFM90-SP09T3-D063-A22-Z07-H AFM90-SP09T3-D080-A27-Z08-H

90°	AFM90-SP1004	Uç / Insert	Takım Kodu / Tool Code
		SPMT 1004.. XPMR 1004.. QPMR 1004.. QPMT 1004.. (For ISCR)	AFM90-SP1004-D040-A16-Z04-H AFM90-SP1004-D050-A22-Z04-H AFM90-SP1004-D050-A22-Z06-H AFM90-SP1004-D063-A22-Z05-H AFM90-SP1004-D080-A27-Z07-H AFM90-SP1004-D100-A32-Z08-H

S Sistem Yüzey Parmak Frezeler / S System End Mills

90°	AEM90-SPGT	Uç / Insert	Takım Kodu / Tool Code
		SPGT 0602.. (For ZCC)	AEM90-SPGT0602-D16-W16-L150-Z02
		SPGT 07T3.. (For ZCC)	AEM90-SPGT07T3-D20-W20-L150-Z03
		SPGT 0904.. (For ZCC)	AEM90-SPGT0904-D30-W32-L150-Z03

Yüzey Frezeler / Face Milling Tools

75°	AFM75C-SP12	Uç / Insert	Takım Kodu / Tool Code
		SPKN 1203.. (For ISO)	AFM75C-SP12-D050-A22-Z04 AFM75C-SP12-D063-A22-Z05 AFM75C-SP12-D080-A27-Z06 AFM75C-SP12-D100-A32-Z07 AFM75C-SP12-D125-B40-Z08 AFM75C-SP12-D160-C40-Z09 AFM75C-SP12-D200-C60-Z12

Yüzey Frezeler / Face Milling Tools

88°	AFM88-SN1306	Uç / Insert	Takım Kodu / Tool Code
		SNGX 1306.. (For TGTC)	AFM88-SN1306-D050-A22-Z05-H AFM88-SN1306-D063-A22-Z06-H AFM88-SN1306-D080-A27-Z07-H

Yüzey Frezeler / Face Milling Tools

89°	AFM89-SN1305I	Uç / Insert	Takım Kodu / Tool Code
		SNMU 1305.. SNMU 1305.. OXMT 0705.. (For ISCR)	AFM89-SN1305I-D040-A16-Z04-H AFM89-SN1305I-D050-A22-Z05-H AFM89-SN1305I-D063-A22-Z06-H AFM89-SN1305I-D063-A22-Z07-H AFM89-SN1305I-D080-A27-Z08-H AFM89-SN1305I-D100-A32-Z10-H

Frezeleme Takımları / Milling Tools

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S Sistem Yüzey Parmak Frezeler / S System End Mills

90°	AEM90-TNG10	Uç / Insert	Takım Kodu / Tool Code
		TNGX 1004.. (For PRMT)	AEM90-TNG10-D20-C20-L125-Z02-H AEM90-TNG10-D20-C20-L125-Z03-H AEM90-TNG10-D20-C20-L150-Z03-H AEM90-TNG10-D21-C20-L200-Z03-H AEM90-TNG10-D25-C25-L150-Z03-H AEM90-TNG10-D25-C25-L150-Z04-H AEM90-TNG10-D25-C25-L170-Z04-H AEM90-TNG10-D26-C25-L250-Z04-H AEM90-TNG10-D32-C32-L170-Z04-H AEM90-TNG10-D32-C32-L170-Z05-H AEM90-TNG10-D33-C32-L250-Z05-H

90°	AEM90-VC2205	Uç / Insert	Takım Kodu / Tool Code
		VCKT 2205.. (For ISO)	AEM90-VC2205-D32-C25-L150-Z02-H AEM90-VC2205-D40-C32-L150-Z03-H

Yüzey Frezeler / Face Milling Tools

90°	AFM90C-TP..	Uç / Insert	Takım Kodu / Tool Code
		TP.. 1603 (For ISO)	AFM90C-TP16-D050-A22-Z04 AFM90C-TP16-D063-A22-Z06 AFM90C-TP16-D080-A27-Z07 AFM90C-TP16-D100-A32-Z08 AFM90C-TP16-D125-B40-Z08 AFM90C-TP22-D063-A22-Z05 AFM90C-TP22-D080-A27-Z06 AFM90C-TP22-D100-A32-Z07 AFM90C-TP22-D125-B40-Z08 AFM90C-TP22-D160-C40-Z09 AFM90C-TP22-D200-C60-Z12 AFM90C-TP22-D250-C60-Z15 AFM90C-TP22-D315-D60-Z18
		TP.. 2204 (For ISO)	

Yüzey Frezeler / Face Milling Tools

90°	AFM90-TN2207	Uç / Insert	Takım Kodu / Tool Code
		TN.X 2207.. (For TGTC)	AFM90-TN2207-D063-A22-Z04-H AFM90-TN2207-D080-A27-Z05-H AFM90-TN2207-D100-B32-Z06 AFM90-TN2207-D125-B40-Z08

Yüzey Frezeler / Face Milling Tools

90°	AFM90-VC2205	Uç / Insert	Takım Kodu / Tool Code
		VCKT 2205.. (For ISO)	AFM90-VC2205-D050-A22-Z03-H AFM90-VC2205-D063-A22-Z04-H AFM90-VC2205-D066-A27-Z04-H AFM90-VC2205-D080-A27-Z05-H

S Sistem Yüzey Parmak Frezeler / S System End Mills

90°	AEM90-WNG04..	Uç / Insert	Takım Kodu / Tool Code
		WNGU 0403.... (For XTC GSC)	AEM90-WNG04-D20-W20-L81-Z03-H AEM90-WNG04-D20-C20-L170-Z03-H AEM90-WNG04-D25-W25-L88-Z03-H AEM90-WNG04-D25-W25-L88-Z04-H AEM90-WNG04-D25-C25-L170-Z03-H AEM90-WNG04-D32-W25-L100-Z05-H AEM90-WNG04-D32-W32-L100-Z05-H AEM90-WNG04-D32-C25-L170-Z04-H AEM90-WNG04-D32-C32-L170-Z04-H
		WNGU 0806.. (For XTC GSC)	AEM90-WNG08-D40-W32-L100-Z03-H AEM90-WNG08-D40-C32-L170-Z03-H

Yüzey Frezeler / Face Milling Tools

90°	AFM90-WNG	Uç / Insert	Takım Kodu / Tool Code
		WNGU 0403.. (For XTC-GSC)	AFM90-WNG04-D040-A16-Z06-H AFM90-WNG04-D050-A22-Z05-H AFM90-WNG04-D050-A22-Z07-H AFM90-WNG04-D063-A22-Z06-H AFM90-WNG08-D050-A22-Z05-H AFM90-WNG08-D063-A22-Z06-H AFM90-WNG08-D080-A27-Z07-H
		WNGU 0806.. (For XTC-GSC)	

Yüzey Frezeler / Face Milling Tools

90°	AFM90-TP2205	Uç / Insert	Takım Kodu / Tool Code
		TPKT 2205.. (For TGTC)	AFM90-TP2205-D063-A22-Z04 AFM90-TP2205-D080-A27-Z06 AFM90-TP2205-D100-A32-Z07 AFM90-TP2205-D125-B40-Z08 AFM90-TP2205-D160-C40-Z09 AFM90-TP2205-D200-C60-Z12

Yüzey Frezeler / Face Milling Tools

90°	AFM90-WN0806	Uç / Insert	Takım Kodu / Tool Code
		WNMX 080608 (For KYCR-JD)	AFM90-WN0806-D050-A16-Z04-H AFM90-WN0806-D063-A22-Z05-H AFM90-WN0806-D080-A27-Z07-H

S Sistem Modüler Parmak Frezeler / S System Modular End Mills (Screw Type Tools)

90°	AEM90-WN0604Z	Uç / Insert	Takım Kodu / Tool Code
		WNHU 0604.. (For ZCC)	AEM90-WN0604Z-D25-M12-L35-Z02-H AEM90-WN0604Z-D32-M16-L43-Z03-H AEM90-WN0604Z-D40-M16-L43-Z04-H

S Sistem Yüzey Parmak Frezeler / S System End Mills

90°	AEM90-WN0604Z	Uç / Insert	Takım Kodu / Tool Code
		WNHU 0604.. (For ZCC)	AEM90-WN0604Z-D25-W25-L150-Z02-H AEM90-WN0604Z-D32-W32-L150-Z03-H AEM90-WN0604Z-D40-W32-L150-Z04-H

Yüzey Frezeler / Face Milling Tools

90°	AFM90-WN..	Uç / Insert	Takım Kodu / Tool Code
		WNHU 0604.. (For ZCC)	AFM90-WN0604Z-D040-A16-Z04-H AFM90-WN0604Z-D050-A22-Z05-H AFM90-WN0604Z-D063-A22-Z06-H AFM90-WN0604Z-D080-A27-Z07-H AFM90-WN0604Z-D100-A32-Z09-H AFM90-WN0806Z-D050-A22-Z04-H AFM90-WN0806Z-D063-A22-Z05-H AFM90-WN0806Z-D080-A27-Z06-H AFM90-WN0806Z-D100-A32-Z08-H AFM90-WN0806Z-D125-B40-Z10 AFM90-WN0806Z-D160-C40-Z12
		WNHU 0806.. (For ZCC)	

S Sistem Yüzey Parmak Frezeler / S System End Mills

90°	AEM90-XC13	Uç / Insert	Takım Kodu / Tool Code
		XCKX 13T3.. (For SC)	AEM90-XC13-D20-W20-L150-Z02 AEM90-XC13-D25-W25-L150-Z03 AEM90-XC13-D32-W32-L150-Z04

Frezeleme Takımları / Milling Tools

S Sistem Modüler Parmak Frezeler / S System Modular End Mills (Screw Type Tools)

95°	AEM95-XD..	Uç / Insert	Takım Kodu / Tool Code
		XDHW 0206.. (For DJT)	AEM95-XD0206-D16-M08-L23-Z02-H AEM95-XD0206-D16-M08-L23-Z02-H-F AEM95-XD0206-D20-M10-L30-Z03-H AEM95-XD0206-D20-M10-L30-Z03-H-F AEM95-XD0206-D25-M12-L35-Z03-H AEM95-XD0206-D25-M12-L35-Z03-H-F
		XDHW 0310.. (For DJT)	AEM95C-XD0310-D35-M16-L43-Z03-H AEM95C-XD0310-D35-M16-L43-Z03-H-F AEM95C-XD0310-D42-M16-L43-Z04-H AEM95C-XD0310-D42-M16-L43-Z04-H-F

S Sistem Yüzey Parmak Frezeler / S System End Mills

90°	AEM90-XN..	Uç / Insert	Takım Kodu / Tool Code
		XNEX 0403.. (For SC)	AEM90-XN0403-D16-C16-L100-Z01-H AEM90-XN0403-D22-C20-L110-Z03-H
		XNEX 0806.. (For SC)	AEM90-XN0806-D32-C32-L110-Z02-H

Yüzey Frezeler / Face Milling Tools

90°	AFM90-XN..	Uç / Insert	Takım Kodu / Tool Code
		XNEX 0403..	AFM90-XN0403-D040-A16-Z05-H
		XNEX 0806.. (For SC)	AFM90-XN0806-D050-A22-Z04-H AFM90-XN0806-D063-A22-Z05-H AFM90-XN0806-D080-A27-Z07-H AFM90-XN0806-D100-A32-Z08-H

S Sistem Yüzey Parmak Frezeler / S System End Mills

90°	AEM90-XD11T3	Uç / Insert	Takım Kodu / Tool Code
		XD.T 11T3.. (For CRTZT)	AEM90-XD11T3-D16-W16-L150-Z02 AEM90-XD11T3-D17-C16-L150-Z02 AEM90-XD11T3-D20-W20-L150-Z03 AEM90-XD11T3-D21-C20-L080-Z03-H AEM90-XD11T3-D21-C20-L150-Z03 AEM90-XD11T3-D25-W25-L150-Z04 AEM90-XD11T3-D30-W25-L120-Z04 AEM90-XD11T3-D32-W32-L150-Z04 AEM90-XD11T3-D33-C20-L080-Z04-H

Yüzey Frezeler / Face Milling Tools

45°	AFM45C-XN0806	Uç / Insert	Takım Kodu / Tool Code
		XNMM 0806.. (For DJT)	AFM45C-XN0806-D063-A22-Z05 AFM45C-XN0806-D080-A27-Z06 AFM45C-XN0806-D100-A32-Z08 AFM45C-XN0806-D125-B40-Z08 AFM45C-XN0806-D160-C40-Z10 AFM45C-XN0806-D200-C60-Z12

Yüzey Frezeler / Face Milling Tools

75°	AFM75-X012	Uç / Insert	Takım Kodu / Tool Code
		X0.. 1204.. (For SC)	AFM75-X012-D050-A22-Z04-H AFM75-X012-D063-A22-Z05-H AFM75-X012-D080-A27-Z06-H

S Sistem Yüzey Parmak Frezeler / S System End Mills

90°	AEM90-X0..	Uç / Insert	Takım Kodu / Tool Code
		X0.. 0602.. (For SC)	AEM90-X006-D10-C12-L120-Z02 AEM90-X006-D12-C12-L120-Z02
		X0.. 0903.. (For SC)	AEM90-X009-D16-W16-L150-Z02 AEM90-X009-D20-W20-L150-Z03
		X0.. 1204.. (For SC)	AEM90-X012-D20-W20-L150-Z02 AEM90-X012-D20-C20-L200-Z02 AEM90-X012-D22-W20-L150-Z02 AEM90-X012-D25-W25-L150-Z03 AEM90-X012-D25-C25-L200-Z03 AEM90-X012-D32-C25-L150-Z04 AEM90-X012-D32-W32-L150-Z04 AEM90-X012-D32-C32-L250-Z04

Yüzey Frezeler / Face Milling Tools

90°	AFM90-X012	Uç / Insert	Takım Kodu / Tool Code
		X0.. 1204.. (For SC)	AFM90-X012-D040-A16-Z05-H AFM90-X012-D050-A22-Z07-H AFM90-X012-D063-A22-Z08-H AFM90-X012-D080-A27-Z10-H AFM90-X012-D100-A32-Z12-H

Yüzey ve Kopya Frezeler / Face and Copy Milling Tools

-°	AFMR-QP..	Uç / Insert	Takım Kodu / Tool Code
		QP.. 10T3.. (For SMTM)	AFMR-QP10T3-D040-A16-Z04-H AFMR-QP10T3-D050-A22-Z05-H AFMR-QP10T3-D063-A22-Z06-H
		QP.. 1204.. (For SMTM)	AFMR-QP1204-D050-A22-Z04-H AFMR-QP1204-D063-A22-Z05-H

Yüzey Frezeler / Face Milling Tools

42°	AFM42C-XD0806	Uç / Insert	Takım Kodu / Tool Code
		XDMW 0806.. (For DJT)	AFM42C-XD0806-D063-A27-Z04-H AFM42C-XD0806-D080-A27-Z05-H AFM42C-XD0806-D100-A32-Z06-H AFM42C-XD0806-D125-B40-Z07 AFM42C-XD0806-D160-C40-Z08 AFM42C-XD0806-D200-C60-Z09

Yüzey Frezeler / Face Milling Tools

45°	AFM45-XN0906	Uç / Insert	Takım Kodu / Tool Code
		XNMM 0906.. (For TGTC)	AFM45-XN0906-D063-A22-Z06-H AFM45-XN0906-D080-A27-Z06-H AFM45-XN0906-D100-A32-Z07-H AFM45-XN0906-D125-B40-Z08

S Sistem Yüzey Parmak Frezeler / S System End Mills

90°	AEM90-ZP13T3	Uç / Insert	Takım Kodu / Tool Code
		ZPMT 13T3.. (For DJT)	AEM90-ZP13T3-D26-C25-L200-Z02 AEM90-ZP13T3-D26-C25-L200-Z03 AEM90-ZP13T3-D26-C25-L250-Z02 AEM90-ZP13T3-D33-C32-L200-Z03 AEM90-ZP13T3-D33-C32-L250-Z03

S Sistem Yüzey Parmak Frezeler / S System End Mills

90°	AEM90-ZC1003	Uç / Insert	Takım Kodu / Tool Code
	ZCMT 100308R (For DJT)		AEM90-ZC1003-D16-C14-L150-Z02 AEM90-ZC1003-D16-C14-L200-Z02 AEM90-ZC1003-D16-C15-L150-Z02 AEM90-ZC1003-D16-C16-L150-Z02 AEM90-ZC1003-D17-C16-L150-Z02 AEM90-ZC1003-D17-C16-L200-Z02 AEM90-ZC1003-D20-C18-L150-Z03 AEM90-ZC1003-D20-C18-L200-Z02 AEM90-ZC1003-D20-C20-L150-Z03 AEM90-ZC1003-D20-C18-L200-Z03 AEM90-ZC1003-D21-C20-L150-Z02 AEM90-ZC1003-D21-C20-L150-Z03 AEM90-ZC1003-D21-C20-L200-Z03 AEM90-ZC1003-D25-C20-L150-Z03 AEM90-ZC1003-D25-C20-L200-Z03 AEM90-ZC1003-D25-C25-L150-Z03 AEM90-ZC1003-D26-C25-L170-Z03 AEM90-ZC1003-D26-C25-L200-Z03 AEM90-ZC1003-D32-C25-L180-Z04 AEM90-ZC1003-D33-C32-L200-Z04

S Sistem Yüzey ve Kopya Parmak Frezeler / S System Face and Copy End Mills

-°	AEMR-QP..	Uç / Insert	Takım Kodu / Tool Code
		QP. 10T3.. (For SMTM)	AEMR-QP10T3-D20-C20-L150-Z01-H AEMR-QP10T3-D25-C25-L120-Z02-H AEMR-QP10T3-D25-C25-L150-Z02-H AEMR-QP10T3-D25-C25-L170-Z02 AEMR-QP10T3-D32-C32-L150-Z03-H AEMR-QP10T3-D32-C32-L170-Z03 AEMR-QP1204-D25-C25-L150-Z02-H
		QP. 1204.. (For SMTM)	

S Sistem Yüzey ve Kopya Parmak Frezeler / S System Face and Copy End Mills

-°	AEMRC-RD..	Uç / Insert	Takım Kodu / Tool Code
		RD. 0501.. (For ISO)	AEMR-RD0501-D08-W10-L100-Z01-H AEMR-RD0501-D10-W12-L100-Z02-H AEMR-RD0501-D12-W12-L120-Z02-H
		RD. 08T2.. (For ISO)	AEMR-RD08T2-D16-W16-L150-Z02 AEMR-RD08T2-D20-W20-L150-Z02
		RD. 0803.. (For ISO)	AEMR-RD0803-D16-W16-L150-Z02 AEMR-RD0803-D16-C20-L200-Z02 AEMR-RD0803-D20-W20-L150-Z03
		RD. 1003.. (For ISO)	AEMRC-RD1003-D20-W20-L150-Z02 AEMRC-RD1003-D20-C20-L160-Z02 AEMRC-RD1003-D20-C20-L250-Z02 AEMRC-RD1003-D21-C20-L160-Z02 AEMRC-RD1003-D25-W25-L150-Z02 AEMRC-RD1003-D25-C25-L160-Z02 AEMRC-RD1003-D25-W25-L200-Z02 AEMRC-RD1003-D25-C25-L200-Z02 AEMRC-RD1003-D25-C25-L250-Z02 AEMRC-RD1003-D26-C25-L160-Z02 AEMRC-RD1003-D32-W32-L150-Z03 AEMRC-RD1003-D32-C32-L250-Z02 AEMRC-RD1003-D33-C32-L160-Z03 AEMRC-RD1003-D40-W32-L150-Z04 AEMRC-RD1003-D40-C32-L250-Z02 AEMRC-RD10T3-D20-C20-L150-Z02 AEMRC-RD10T3-D20-W20-L150-Z02 AEMRC-RD10T3-D25-C25-L150-Z02 AEMRC-RD10T3-D25-W25-L150-Z02 AEMRC-RD10T3-D32-W32-L150-Z03 AEMRC-RD10T3-D25-C25-L200-Z02-H AEMRC-RD10T3-D32-C25-L250-Z03-H
		RD. 12T3.. (For ISO)	AEMRC-RD12T3-D25-W25-L150-Z02 AEMRC-RD12T3-D25-W25-L200-Z02 AEMRC-RD12T3-D25-C25-L250-Z02 AEMRC-RD12T3-D25-C25-L300-Z02 AEMRC-RD12T3-D32-W32-L150-Z03 AEMRC-RD12T3-D32-C32-L250-Z02 AEMRC-RD12T3-D40-W32-L150-Z04 AEMRC-RD12T3-D40-C32-L250-Z02
		RD. 1204.. (For ISO)	AEMRC-RD1204-D32-C32-L160-Z03 AEMRC-RD1204-D32-W32-L160-Z03 AEMRC-RD1204-D33-C32-L160-Z03
		RD. 1604 (For ISO)	AEMRC-RD1604-D40-W32-L150-Z02

S Sistem Modüler Parmak Frezeler / S System Modular End Mills (Screw Type Tools)

-°	AEMR-QP10T3	Uç / Insert	Takım Kodu / Tool Code
		QP. 10T3.. (For SMTM)	AEMR-QP10T3-D25-M12-L35-Z02-H AEMR-QP10T3-D32-M16-L43-Z03-H

-°	AEMR-RC10T3	Uç / Insert	Takım Kodu / Tool Code
		RC. 10T3.. (For ZCC)	AEMR-RC10T3-D25-M12-L35-Z03-H AEMR-RC10T3-D32-M16-L43-Z04-H AEMR-RC10T3-D40-M16-L43-Z05-H

Yüzey ve Kopya Frezeler / Face and Copy Milling Tools

-°	AFMR-RC10T3	Uç / Insert	Takım Kodu / Tool Code
		RC. 10T3.. (For ZCC)	AFMR-RC10T3-D040-A16-Z04-H AFMR-RC10T3-D050-A22-Z05-H AFMR-RC10T3-D063-A22-Z06-H

-°	AFMR-RC1204	Uç / Insert	Takım Kodu / Tool Code
		RC. 1204.. (For SNDVK)	AFMR-RC1204-D040-A16-Z04-H AFMR-RC1204-D050-A22-Z05-H AFMR-RC1204-D052-A22-Z05-H AFMR-RC1204-D063-A22-Z06-H AFMR-RC1204-D063-A27-Z06-H AFMR-RC1204-D080-A27-Z07-H

S Sistem Modüler Parmak Frezeler / S System Modular End Mills (Screw Type Tools)

-°	AEMR-RD..	Uç / Insert	Takım Kodu / Tool Code
		RD. 0702 (For ISO)	AEMR-RD0702-D15-M08-L23-Z02-H AEMR-RD0702-D16-M08-L23-Z02-H AEMR-RD0702-D20-M10-L30-Z04-H AEMR-RD0702-D25-M12-L35-Z05-H AEMR-RD0702-D30-M16-L42-Z05-H AEMR-RD0702-D32-M16-L43-Z05-H AEMR-RD0702-D35-M16-L42-Z06-H AEMR-RD0702-D42-M16-L43-Z05-H AEMR-RD0702-D42-M16-L43-Z07-H AEMR-RD08T2-D16-M08-L23-Z02-H
		RD. 08T2 (For ISO)	AEMR-RD08T2-D20-M10-L30-Z03-H AEMR-RD08T2-D25-M12-L35-Z04-H
		RD. 08T2 (For ISO)	AEMR-RD10T3-D25-M12-L35-Z03-H AEMR-RD10T3-D32-M16-L45-Z04-H
		RD. 0803 (For ISO)	AEMR-RD0803-D16-M08-L23-Z02-H AEMR-RD0803-D20-M10-L30-Z03-H AEMR-RD0803-D25-M12-L35-Z04-H AEMR-RD1003-D20-M10-L30-Z02-H AEMR-RD1003-D25-M12-L35-Z02-H AEMR-RD1003-D25-M12-L35-Z03-H AEMR-RD1003-D30-M16-L43-Z04-H AEMR-RD1003-D32-M16-L43-Z04-H AEMR-RD1003-D35-M16-L43-Z04-H AEMR-RD1003-D40-M16-L43-Z05-H AEMR-RD1003-D42-M16-L43-Z05-H
		RD. 1003 (For ISO)	AEMR-RD1004-D25-M12-L35-Z03-H AEMR-RD1004-D32-M16-L43-Z04-H
		RD. 12T3 (For ISO)	AEMR-RD12T3-D24-M12-L35-Z02-H AEMR-RD12T3-D25-M12-L35-Z02-H AEMR-RD12T3-D32-M16-L43-Z03-H AEMR-RD12T3-D35-M16-L43-Z03-H AEMR-RD12T3-D35-M16-L43-Z04-H AEMR-RD12T3-D40-M16-L43-Z04-H AEMR-RD12T3-D42-M16-L43-Z05-H
		RD. 1204 (For ISO)	AEMR-RD1204-D32-M16-L43-Z03-H AEMR-RD1204-D42-M16-L43-Z04-H
		RD. 1604 (For ISO)	AEMR-RD1604-D32-M16-L43-Z02-H AEMR-RD1604-D40-M16-L43-Z02-H AEMR-RD1604-D42-M16-L43-Z03-H

Frezeleme Takımları / Milling Tools

Yüzey ve Kopya Frezeler / Face and Copy Milling Tools

-°	AFMRC-RD..	Uç / Insert	Takım Kodu / Tool Code
		RD..0702.. (For ISO)	AFMR-RD0702-D050-A22-Z06-H
		RD..0803.. (For ISO)	AFMR-RD0803-D050-A22-Z05-H
			AFMRC-RD1003-D040-A16-Z04-H
			AFMRC-RD1003-D050-A22-Z05-H
			AFMRC-RD1003-D052-A22-Z05
			AFMRC-RD1003-D063-A22-Z06-H
			AFMRC-RD1003-D080-A27-Z07-H
			AFMRC-RD1003-D100-A32-Z08-H
	RD..10T3.. (For ISO)		AFMRC-RD10T3-D050-A22-Z05-H
			AFMRC-RD10T3-D063-A22-Z06-H
			AFMRC-RD12T3-D040-A16-Z04-H
			AFMRC-RD12T3-D050-A22-Z05-H
			AFMRC-RD12T3-D052-A22-Z05-H
			AFMRC-RD12T3-D063-A22-Z06-H
			AFMRC-RD12T3-D080-A27-Z07-H
			AFMRC-RD12T3-D100-A32-Z08-H
			AFMRC-RD12T3-D125-B40-Z09
	RD..1204.. (For ISO)		AFMRC-RD1204-D040-A16-Z04-H
			AFMRC-RD1204-D050-A22-Z05-H
			AFMRC-RD1204-D052-A22-Z05-H
			AFMRC-RD1204-D063-A22-Z06-H
			AFMRC-RD1204-D080-A27-Z07-H
			AFMRC-RD1204-D100-A32-Z07-H
			AFMRC-RD1204-D100-A32-Z08-H
			AFMRC-RD1604-D050-A22-Z04-H
			AFMRC-RD1604-D052-A22-Z04-H
			AFMRC-RD1604-D063-A22-Z05-H
			AFMRC-RD1604-D066-A22-Z05-H
			AFMRC-RD1604-D066-A27-Z05-H
			AFMRC-RD1604-D080-A27-Z06-H
			AFMRC-RD1604-D100-A32-Z07-H
			AFMRC-RD1604-D125-B40-Z07
			AFMRC-RD1604-D160-C40-Z08



S Sistem Yüzey ve Kopya Parmak Frezeler / S System Face and Copy End Mills

-°	AEMR-RP10T3	Uç / Insert	Takım Kodu / Tool Code
		RPNX 10T3.. (For CRTZT)	AEMR-RP10T3-D25-W25-L125-Z02
			AEMR-RP10T3-D25-W25-L150-Z02
			AEMR-RP10T3-D32-W32-L150-Z03



S Sistem Modüler Parmak Frezeler / S System Modular End Mills (Screw Type Tools)

-°	AEMR-RP10T3	Uç / Insert	Takım Kodu / Tool Code
		RPNX 10T3.. (For CRTZT)	AEMR-RP10T3-D25-M12-L35-Z02-H
			AEMR-RP10T3-D32-M16-L43-Z03-H
		RPNX 1204.. (For CRTZT)	AEMR-RP1204-D32-M16-L43-Z03-H



Yüzey ve Kopya Frezeler / Face and Copy Milling Tools

-°	AFMR-RP..	Uç / Insert	Takım Kodu / Tool Code
		RPNX 10T3.. (For CRTZT)	AFMR-RP10T3-D063-A22-Z06-H
			AFMR-RP10T3-D080-A27-Z07-H
		RPNX 1204.. (For CRTZT)	AFMR-RP1204-D040-A16-Z04-H
			AFMR-RP1204-D080-A27-Z07-H



S Sistem Modüler Parmak Frezeler / S System Modular End Mills (Screw Type Tools)

-°	AEMR-RY..	Uç / Insert	Takım Kodu / Tool Code
		RYMX 1004.. (For TGTC)	AEMR-RY10-D32-M16-L43-Z04-H
			AEMR-RY10-D40-M16-L43-Z05-H
		RYMX 1205.. (For TGTC)	AEMR-RY12-D32-M16-L43-Z03-H
			AEMR-RY12-D40-M16-L43-Z03-H



Yüzey ve Kopya Frezeler / Face and Copy Milling Tools

-°	AEMR-RY..	Uç / Insert	Takım Kodu / Tool Code
		RYMX 0803..	AEMR-RY08-D16-W16-L150-Z02
			AEMR-RY10-D20-W20-L150-Z02
			AEMR-RY10-D20-C20-L200-Z02
		RYMX 1004.. (For TGTC)	AEMR-RY10-D21-W20-L200-Z02-H
			AEMR-RY10-D25-W25-L150-Z02
			AEMR-RY10-D25-W25-L150-Z03
			AEMR-RY10-D26-W25-L200-Z02-H
			AEMR-RY10-D32-W32-L160-Z04-H
		RYMX 1205..	AEMR-RY12-D32-C25-L160-Z03



Yüzey ve Kopya Frezeler / Face and Copy Milling Tools

-°	AFMR-RY..	Uç / Insert	Takım Kodu / Tool Code
		RYMX 1004.. (For TGTC)	AFMR-RY10-D040-A16-Z04-H
			AFMR-RY10-D040-A16-Z05-H
			AFMR-RY10-D050-A22-Z05-H
			AFMR-RY10-D063-A22-Z06-H
		RYMX 1205.. (For TGTC)	AFMR-RY12-D040-A16-Z04-H
			AFMR-RY12-D050-A22-Z05-H
			AFMR-RY12-D052-A22-Z05-H
			AFMR-RY12-D063-A22-Z06-H
			AFMR-RY12-D080-A27-Z06-H
			AFMR-RY12-D100-A32-Z07-H



S Sistem Modüler Parmak Frezeler / S System Modular End Mills (Screw Type Tools)

-°	AEMR-RP..	Uç / Insert	Takım Kodu / Tool Code
		RPMT 08T2.. (For MTSBSH)	AEMR-RP08T2M-D20-M10-L30-Z02-H
		RPMT 10T3.. (For MTSBSH)	AEMR-RP10T3M-D25-M12-L35-Z02-H
			AEMR-RP10T3M-D32-M16-L43-Z03-H
		RPMT 1204 (For MTSBSH)	AEMR-RP1204M-D32-M16-L43-Z03-H
			AEMR-RP1204M-D40-M16-L43-Z04-H



S Sistem Yüzey ve Kopya Parmak Frezeler / S System Face and Copy End Mills

-°	AEMR-RP..	Uç / Insert	Takım Kodu / Tool Code
		RPMT 08T2.. (For MTSBSH)	AEMR-RP08T2M-D20-W20-L150-Z02-H
			AEMR-RP08T2M-D25-W25-L200-Z03-H
		RPMT 10T3.. (For MTSBSH)	AEMR-RP10T3M-D25-W25-L200-Z02-H
			AEMR-RP10T3M-D32-W32-L200-Z03-H
		RPMT 1204.. (For MTSBSH)	AEMR-RP1204M-D32-W32-L150-Z03-H
			AEMR-RP1204M-D32-W32-L200-Z03-H
		RPMT 1606.. (For MTSBSH)	AEMR-RP1606M-D40-W32-L150-Z02-H
			AEMR-RP1606M-D40-W32-L200-Z02-H



Yüzey ve Kopya Frezeler / Face and Copy Milling Tools

-°	AFMR-RP1204M	Uç / Insert	Takım Kodu / Tool Code
		RPMT 1204.. (For MTSBSH)	AFMR-RP1204M-D050-A22-Z04-H
			AFMR-RP1204M-D052-A22-Z05-H
			AFMR-RP1204M-D063-A22-Z05-H
			AFMR-RP1204M-D080-A27-Z06-H



Frezeleme Takımları / Milling Tools

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Küre Uçlu Parmak Frezeler / Profile Milling Tools

-°	APMR-BNM..	Uç / Insert	Takım Kodu / Tool Code
		BNM-120-S (For DJT)	APMR-BNM12-D12-C12-L130
		BNM-160-S (For DJT)	APMR-BNM16-D16-C16-L175 APMR-BNM16-D16-C16-L200
		BNM-200-S (For DJT)	APMR-BNM20-D20-C20-L160 APMR-BNM20-D20-C20-L200
		BNM-250-S (For DJT)	APMR-BNM25-D25-C25-L160 APMR-BNM25-D25-C25-L200 APMR-BNM25-D25-C25-L250

Küre Uçlu Parmak Frezeler / Profile Milling Tools

-°	APMR-P32..	Uç / Insert	Takım Kodu / Tool Code
		P3208 - (For WLTR)	APMR-P3208-D08-C10-L110
		P3210 - (For WLTR)	APMR-P3210-D10-C10-L130 APMR-P3210-D10-C12-L130
		P3212 - (For WLTR)	APMR-P3212-D12-C12-L130
		P3216 - (For WLTR)	APMR-P3216-D16-C16-L175
		P3220 - (For WLTR)	APMR-P3220-D20-C20-L200
		P3225 - (For WLTR)	APMR-P3225-D25-C25-L200
		P3232 - (For WLTR)	APMR-P3232-D32-C32-L200

Küre Uçlu Modüler Parmak Frezeler / Ball Nose Modular End Mills (Screw Type Tools)

-°	APMR-PR..	Uç / Insert	Takım Kodu / Tool Code
		P3216 - (For WLTR)	APMR-P3216-D16-M08-L25
		P3220 - (For WLTR)	APMR-P3220-D20-M10-L30
		P3225 - (For WLTR)	APMR-P3225-D25-M12-L35
		P3232 - (For WLTR)	APMR-P3232-D32-M16-L43

Küre Uçlu Parmak Frezeler / Profile Milling Tools

-°	APMR-RO..	Uç / Insert	Takım Kodu / Tool Code
		ROHX 1203 (For ZCC)	APMR-RO12-D12-C12-L120 APMR-RO12-D12-C16-L160
		ROHX 1604 (For ZCC)	APMR-RO16-D16-C16-L160 APMR-RO16-D16-C16-L200 APMR-RO16-D16-C20-L200
		ROHX 2005 (For ZCC)	APMR-RO20-D20-C20-L160 APMR-RO20-D20-C20-L200 APMR-RO20-D20-C25-L220

Küre Uçlu Modüler Parmak Frezeler / Ball Nose Modular End Mills (Screw Type Tools)

-°	APMR-XP..	Uç / Insert	Takım Kodu / Tool Code
		XPHT 16R0803 - (For ZCC)	APMR-XP16-D16-M08-L25
		XPHT 20R10T3 - (For ZCC)	APMR-XP20-D20-M10-L30
		XPHT 25R1204 - (For ZCC)	APMR-XP25-D25-M12-L40

Küre Uçlu Parmak Frezeler / Profile Milling Tools

-°	APMR-XP..	Uç / Insert	Takım Kodu / Tool Code
		XPHT 16R0803 - (For ZCC)	APMR-XP16-D16-C16-L150
		XPHT 20R10T3 - (For ZCC)	APMR-XP20-D20-C20-L150
		XPHT 25R1204 - (For ZCC)	APMR-XP25-D25-C25-L150

Küre Uçlu Modüler Parmak Frezeler / Ball Nose Modular End Mills (Screw Type Tools)

-°	APMR-SWB..	Uç / Insert	Takım Kodu / Tool Code
		SWB225HM-HS - (For DJT)	APMR-SWB225-D25-M12-L35
		SWB230HM-HS - (For DJT)	APMR-SWB230-D30-M16-L43
		SWB232HM-HS - (For DJT)	APMR-SWB232-D32-M16-L43

S Sistem Hızlı İlerlemeli Parmak Frezeler / S System Highfeed End Mills

-°	AHFM-BL..	Uç / Insert	Takım Kodu / Tool Code
		BLMP 0603.. (For TGTC)	AHFM-BL0603-D16-C15-L150-Z02 AHFM-BL0603-D16-C16-L100-Z02-H AHFM-BL0603-D16-C16-L150-Z02 AHFM-BL0603-D17-C16-L150-Z02 AHFM-BL0603-D17-W16-L170-Z02 AHFM-BL0603-D17-W16-L170-Z02-H AHFM-BL0603-D17-C16-L200-Z02 AHFM-BL0603-D18-C16-L150-Z02 AHFM-BL0603-D18-W16-L150-Z02-H AHFM-BL0603-D20-C20-L130-Z03 AHFM-BL0603-D20-C20-L160-Z03 AHFM-BL0603-D21-W20-L200-Z03 AHFM-BL0603-D21-C20-L200-Z03 AHFM-BL0603-D22-W20-L150-Z03 AHFM-BL0603-D25-C25-L250-Z04 AHFM-BL0603-D26-W25-L200-Z04 AHFM-BL0603-D26-C25-L200-Z04 AHFM-BL0603-D26-C25-L250-Z04 AHFM-BL0603-D32-C32-L150-Z05 AHFM-BL0603-D32-C32-L200-Z05 AHFM-BL0603-D33-C32-L150-Z05 AHFM-BL0603-D33-C32-L200-Z05 AHFM-BL0603-D33-C32-L250-Z05 BLMP 0904.. AHFM-BL0904-D28-W25-L180-Z03

S Sistem Hızlı İlerlemeli Modüler Parmak Frezeler / S System Modular Highfeed End Mills (Screw Type Tools)

-°	AHFM-BL..	Uç / Insert	Takım Kodu / Tool Code
		BLMP 0603 (For TGTC)	AHFM-BL0603-D20-M10-L30-Z03-H AHFM-BL0603-D32-M16-L40-Z05-H
		BLMP 0904 (For TGTC)	AHFM-BL0904-D32-M16-L40-Z04-H AHFM-BL0904-D32-M16-L43-Z04-H AHFM-BL0904-D42-M16-L43-Z05-H

Hızlı İlerlemeli Frezeler / High Feed Milling Tools

-°	AHFM-BL..	Uç / Insert	Takım Kodu / Tool Code
		BLMP 0603.. (For TGTC)	AHFM-BL0603-D040-A16-Z06-H AHFM-BL0603-D050-A22-Z07-H AHFM-BL0904-D040-A16-Z05-H
		BLMP 0904.. (For TGTC)	AHFM-BL0904-D050-A22-Z06-H AHFM-BL0904-D063-A22-Z05-H AHFM-BL0904-D063-A22-Z07-H

Hızlı İlerlemeli Frezeler / High Feed Milling Tools

-°	AHFM-BL1205	Uç / Insert	Takım Kodu / Tool Code
		BLMP 1205.. (For TGTC)	AHFM-BL1205-D050-A22-Z03-H AHFM-BL1205-D063-A22-Z04-H AHFM-BL1205-D080-A27-Z05-H

Frezeleme Takımları / Milling Tools

S Sistem Hızlı İlerlemeli Parmak Frezeler / S System Highfeed End Mills

°	AHFM-BN10T3	Uç / Insert	Takım Kodu / Tool Code
		BNGX 10T3.. (For PRMT)	AHFM-BN10T3-D16-C16-L100-Z02-H AHFM-BN10T3-D16-C16-L150-Z02-H AHFM-BN10T3-D20-C20-L130-Z03-H AHFM-BN10T3-D20-C20-L130-Z04-H AHFM-BN10T3-D20-C20-L160-Z03-H AHFM-BN10T3-D25-C25-L140-Z04-H AHFM-BN10T3-D25-W25-L140-Z04-H AHFM-BN10T3-D25-C25-L140-Z05-H AHFM-BN10T3-D25-C25-L180-Z04-H AHFM-BN10T3-D32-C32-L150-Z05-H AHFM-BN10T3-D32-C32-L150-Z06-H AHFM-BN10T3-D35-C32-L200-Z06-H

S Sistem Hızlı İlerlemeli Parmak Frezeler / S System Highfeed End Mills

°	AHFM-E00602	Uç / Insert	Takım Kodu / Tool Code
		EO.. 060210 ZOMT 060210 (For DJT)	AHFM-E00602-D10-C10-L080-Z02 AHFM-E00602-D10-C09-L120-Z02 AHFM-E00602-D10-C10-L120-Z02 AHFM-E00602-D12-C12-L080-Z02 AHFM-E00602-D12-C12-L080-Z03 AHFM-E00602-D12-C11-L120-Z02 AHFM-E00602-D12-C11-L120-Z03 AHFM-E00602-D12-C12-L120-Z02 AHFM-E00602-D12-C12-L120-Z03 AHFM-E00602-D16-C16-L150-Z04

S Sistem Hızlı İlerlemeli Modüler Parmak Frezeler / S System Modular Highfeed End Mills (Screw Type Tools)

°	AHFM-ED0702	Uç / Insert	Takım Kodu / Tool Code
		EDMT 0702 - JDMT 070204 (For HTCH)	AHFM-ED0702-D12-M06-L20-Z03 AHFM-ED0702-D16-M08-L25-Z04-H AHFM-ED0702-D20-M10-L30-Z05-H AHFM-ED0702-D25-M12-L30-Z06-H AHFM-ED0702-D32-M16-L30-Z08-H

S Sistem Hızlı İlerlemeli Parmak Frezeler / S System Highfeed End Mills

°	AHFM-EP1003	Uç / Insert	Takım Kodu / Tool Code
		EP.. 1003.. ZPMT 1003.. YPHW 1003.. (For DJT)	AHFM-EP1003-D16-C16-L150-Z02-H AHFM-EP1003-D17-C16-L150-Z02-H AHFM-EP1003-D20-C20-L150-Z04-H AHFM-EP1003-D21-C20-L150-Z04-H AHFM-EP1003-D25-C25-L200-Z04-H AHFM-EP1003-D25-C25-L250-Z04-H

S Sistem Hızlı İlerlemeli Modüler Parmak Frezeler / S System Modular Highfeed End Mills (Screw Type Tools)

°	AHFM-EN1004	Uç / Insert	Takım Kodu / Tool Code
		ENMU 1004.. (For DJT)	AHFM-EN1004-D16-M08-L23-Z02-H AHFM-EN1004-D20-M10-L30-Z03-H AHFM-EN1004-D25-M12-L35-Z03-H AHFM-EN1004-D25-M12-L35-Z04-H AHFM-EN1004-D32-M16-L43-Z05-H AHFM-EN1004-D35-M16-L43-Z05-H AHFM-EN1004-D40-M16-L43-Z05-H AHFM-EN1004-D42-M16-L43-Z05-H

S Sistem Hızlı İlerlemeli Modüler Parmak Frezeler / S System Modular Highfeed End Mills (Screw Type Tools)

°	AHFM-EP1003	Uç / Insert	Takım Kodu / Tool Code
		EP.. 1003.. ZPMT 1003.. YPHW 1003.. (For DJT)	AHFM-EP1003-D16-M08-L23-Z02-H AHFM-EP1003-D20-M10-L30-Z04-H AHFM-EP1003-D25-M12-L35-Z04-H AHFM-EP1003-D32-M16-L43-Z05-H AHFM-EP1003-D35-M16-L43-Z05-H AHFM-EP1003-D42-M16-L43-Z06-H

Hızlı İlerlemeli Frezeler / High Feed Milling Tools

°	AHFM-EN1004	Uç / Insert	Takım Kodu / Tool Code
		ENMU 1004.. (For DJT)	AHFM-EN1004-D050-A22-Z05-H AHFM-EN1004-D050-A22-Z06-H AHFM-EN1004-D052-A22-Z06-H AHFM-EN1004-D063-A22-Z06-H

Hızlı İlerlemeli Frezeler / High Feed Milling Tools

°	AHFM-EP1003	Uç / Insert	Takım Kodu / Tool Code
		EP.. 1003.. ZPMT 1003.. YPHW 1003.. (For DJT)	AHFM-EP1003-D050-A22-Z08-H AHFM-EP1003-D063-A22-Z08-H

S Sistem Hızlı İlerlemeli Parmak Frezeler / S System Highfeed End Mills

°	AHFM-EN1004	Uç / Insert	Takım Kodu / Tool Code
		ENMU 1004.. (For DJT)	AHFM-EN1004-D16-C15-L150-Z02 AHFM-EN1004-D16-C16-L150-Z02 AHFM-EN1004-D16-C16-L250-Z02 AHFM-EN1004-D17-C16-L150-Z02-H AHFM-EN1004-D17-C16-L150-Z02 AHFM-EN1004-D17-C16-L200-Z02 AHFM-EN1004-D18-C16-L150-Z02 AHFM-EN1004-D20-C20-L150-Z03 AHFM-EN1004-D20-C20-L250-Z03 AHFM-EN1004-D21-C20-L150-Z02 AHFM-EN1004-D21-C20-L150-Z03 AHFM-EN1004-D21-C20-L150-Z03-H AHFM-EN1004-D21-C20-L200-Z03 AHFM-EN1004-D22-C20-L150-Z03 AHFM-EN1004-D25-C25-L150-Z03 AHFM-EN1004-D25-C25-L150-Z04 AHFM-EN1004-D26-C25-L150-Z03 AHFM-EN1004-D26-C25-L150-Z04 AHFM-EN1004-D26-C25-L200-Z03 AHFM-EN1004-D26-C25-L200-Z03-H AHFM-EN1004-D26-C25-L250-Z03-H AHFM-EN1004-D28-C25-L200-Z04 AHFM-EN1004-D32-C32-L200-Z04 AHFM-EN1004-D33-C32-L200-Z04 AHFM-EN1004-D33-C32-L200-Z04-H

Hızlı İlerlemeli Frezeler / High Feed Milling Tools

°	AHFMC-JD..	Uç / Insert	Takım Kodu / Tool Code
		JDMW 1204.. (For MTSBSH) JDMW 1405.. (For MTSBSH)	AHFMC-JD1204-D052-A22-Z03-H AHFMC-JD1204-D052-A22-Z04-H AHFMC-JD1204-D063-A22-Z05-H AHFMC-JD1204-D080-A27-Z06-H AHFMC-JD1204-D100-A32-Z07-H AHFMC-JD1405-D052-A22-Z03-H AHFMC-JD1405-D063-A22-Z04-H

S Sistem Hızlı İlerlemeli Parmak Frezeler / S System Highfeed End Mills

°	AHFMC-JD1204	Uç / Insert	Takım Kodu / Tool Code
		JDMW 1204.. (For MTSBSH)	AHFMC-JD1204-D32-C32-L150-Z02 AHFMC-JD1204-D32-C32-L200-Z02 AHFMC-JD1204-D35-C32-L200-Z02 AHFMC-JD1204-D35-C32-L250-Z02

Frezeleme Takımları / Milling Tools

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S Sistem Hızlı İlerlemeli Modüler Parmak Frezeler / S System Modular Highfeed End Mills (Screw Type Tools)

-°	AHFC-JD1204	Uç / Insert	Takım Kodu / Tool Code
		JDMW 1204.. (For MTSBSH)	AHFC-JD1204-D32-M16-L43-Z02-H AHFC-JD1204-D42-M16-L43-Z03-H

S Sistem Hızlı İlerlemeli Modüler Parmak Frezeler / S System Modular Highfeed End Mills (Screw Type Tools)

-°	AHFM-JD1003	Uç / Insert	Takım Kodu / Tool Code
		JDMT 1003.. (For HTCH)	AHFM-JD1003-D16-M08-L30-Z02-H AHFM-JD1003-D20-M10-L30-Z03-H

Hızlı İlerlemeli Frezeler / High Feed Milling Tools

-°	AHFM-JD1003	Uç / Insert	Takım Kodu / Tool Code
		JDMT 1003.. (For HTCH)	AHFM-JD1003-D040-A16-Z06-H AHFM-JD1003-D063-A22-Z08-H

S Sistem Hızlı İlerlemeli Parmak Frezeler / S System Highfeed End Mills

-°	AHFM-LN0303	Uç / Insert	Takım Kodu / Tool Code
		LNMU 0303.. (For TNGLY)	AHFM-LN0303-D16-C15-L150-Z02 AHFM-LN0303-D16-W16-L150-Z02-H AHFM-LN0303-D20-W20-L150-Z03-H AHFM-LN0303-D21-C20-L150-Z03 AHFM-LN0303-D25-W25-L150-Z04-H AHFM-LN0303-D26-C25-L150-Z04 AHFM-LN0303-D33-C32-L200-Z05

S Sistem Hızlı İlerlemeli Modüler Parmak Frezeler / S System Modular Highfeed End Mills (Screw Type Tools) Tools

-°	AHFM-LN0303	Uç / Insert	Takım Kodu / Tool Code
		LNMU 0303.. (For TNGLY)	AHFM-LN0303-D25-M12-L35-Z04-H AHFM-LN0303-D32-M16-L43-Z05-H AHFM-LN0303-D42-M16-L43-Z06-H

S Sistem Hızlı İlerlemeli Modüler Parmak Frezeler / S System Modular Highfeed End Mills (Screw Type Tools) Tools

-°	AHFM-L003	Uç / Insert	Takım Kodu / Tool Code
		LOGU 0303.. (For KYCR)	AHFM-L003-D20-M10-L30-Z04-H-F AHFM-L003-D25-M12-L35-Z04-H-F AHFM-L003-D25-M12-L35-Z04-H AHFM-L003-D32-M16-L40-Z05-H-F AHFM-L003-D32-M16-L40-Z05-H AHFM-L003-D32-M16-L40-Z06-H-F AHFM-L003-D32-M16-L40-Z06-H AHFM-L003-D35-M16-L40-Z06-H AHFM-L003-D42-M16-L40-Z05-H AHFM-L003-D42-M16-L40-Z06-H

S Sistem Hızlı İlerlemeli Modüler Parmak Frezeler / S System Modular Highfeed End Mills (Screw Type Tools)

-°	AHFM-SD..	Uç / Insert	Takım Kodu / Tool Code
		SD.. 06T2.. (For ZCC)	AHFM-SD06T2-D16-M08-L23-Z02-H AHFM-SD06T2-D20-M10-L30-Z03-H AHFM-SD06T2-D25-M12-L35-Z04-H AHFM-SD09T3-D25-M12-L30-Z02-H AHFM-SD09T3-D32-M16-L43-Z03-H AHFM-SD09T3-D35-M16-L43-Z03-H AHFM-SD09T3-D40-M16-L43-Z04-H
		SD.. 09T3.. (For ZCC)	AHFM-SD1204-D32-M16-L43-Z02-H AHFM-SD1204-D40-M16-L43-Z03-H
		SD.. 1204.. (For ZCC)	

S Sistem Hızlı İlerlemeli Parmak Frezeler / S System Highfeed End Mills

-°	AHFM-L003	Uç / Insert	Takım Kodu / Tool Code
		LOGU 0303.. (For KYCR)	AHFM-L003-D16-C15-L160-Z02 AHFM-L003-D16-C16-L100-Z02-F AHFM-L003-D16-C16-L100-Z02 AHFM-L003-D16-C16-L130-Z02-H AHFM-L003-D16-C16-L160-Z02 AHFM-L003-D16-C16-L160-Z02-H AHFM-L003-D17-C16-L180-Z02 AHFM-L003-D20-C20-L130-Z03 AHFM-L003-D20-C20-L130-Z03-H AHFM-L003-D20-C20-L160-Z03 AHFM-L003-D20-C20-L160-Z03-H AHFM-L003-D21-C20-L150-Z03-H AHFM-L003-D21-C20-L200-Z03 AHFM-L003-D21-C20-L200-Z03-H AHFM-L003-D25-C25-L140-Z04-F AHFM-L003-D25-C25-L140-Z04 AHFM-L003-D25-C25-L180-Z04 AHFM-L003-D26-C25-L250-Z04 AHFM-L003-D32-C32-L200-Z05 AHFM-L003-D33-C32-L250-Z05

Hızlı İlerlemeli Frezeler / High Feed Milling Tools

-°	AHFM-L003	Uç / Insert	Takım Kodu / Tool Code
		LOGU 0303.. (For KYCR)	AHFM-L003-D040-A16-Z06-H AHFM-L003-D050-A22-Z07-H AHFM-L003-D063-A22-Z09-H

S Sistem Hızlı İlerlemeli Parmak Frezeler / S System Highfeed End Mills

-°	AHFM-LP0102	Uç / Insert	Takım Kodu / Tool Code
		LPGT 0102.. (For KYCR)	AHFM-LP0102-D10-C09-L120-Z02 AHFM-LP0102-D10-C10-L120-Z02 AHFM-LP0102-D12-C11-L120-Z02 AHFM-LP0102-D12-C12-L120-Z02

S Sistem Hızlı İlerlemeli Parmak Frezeler / S System Highfeed End Mills

-°	AHFM-SD..	Uç / Insert	Takım Kodu / Tool Code
		SD.. 06T2.. (For ZCC)	AHFM-SD06T2-D16-C16-L100-Z02-H AHFM-SD06T2-D16-C16-L150-Z02-H AHFM-SD06T2-D16-C16-L200-Z02 AHFM-SD06T2-D17-C16-L150-Z02-H AHFM-SD06T2-D20-C20-L150-Z03-H AHFM-SD06T2-D20-C20-L200-Z03 AHFM-SD06T2-D21-C20-L150-Z03-H AHFM-SD06T2-D25-C25-L150-Z04-H AHFM-SD06T2-D26-C25-L150-Z04-H
		SD.. 09T3.. (For ZCC)	AHFM-SD09T3-D22-W20-L150-Z02 AHFM-SD09T3-D25-C25-L150-Z02 AHFM-SD09T3-D25-W25-L150-Z02 AHFM-SD09T3-D25-C25-L150-Z03 AHFM-SD09T3-D28-C25-L150-Z02 AHFM-SD09T3-D32-C32-L150-Z03 AHFM-SD09T3-D32-W32-L150-Z03 AHFM-SD09T3-D32-C32-L150-Z04

Hızlı İlerlemeli Frezeler / High Feed Milling Tools

-°	AHFC-SD1204	Uç / Insert	Takım Kodu / Tool Code
		SD.. 1204.. (For ZCC)	AHFC-SD1204-D050-A22-Z04-H AHFC-SD1204-D063-A22-Z05-H AHFC-SD1204-D080-A27-Z06-H AHFC-SD1204-D100-A32-Z08-H

Frezeleme Takımları / Milling Tools

Hızlı İlerleme Frezeler / High Feed Milling Tools

-°	AHFM-SD1205	Uç / Insert	Takım Kodu / Tool Code
		SD.. 1205.. (For HTCH)	AHFM-SD1205-D052-A22-Z04-H AHFM-SD1205-D052-A22-Z05-H AHFM-SD1205-D066-A22-Z05-H AHFM-SD1205-D066-A22-Z06-H AHFM-SD1205-D080-A27-Z06-H

S Sistem Hızlı İlerlemeli Modüler Parmak Frezeler / S System Modular Highfeed End Mills (Screw Type Tools)

-°	AHFM-S00803	Uç / Insert	Takım Kodu / Tool Code
		SOMW 0803.. (For KPTK)	AHFM-S00803-D20-M10-L30-Z02-H AHFM-S00803-D25-M12-L35-Z03-H AHFM-S00803-D32-M16-L43-Z03-H AHFM-S00803-D32-M16-L43-Z04-H AHFM-S00803-D40-M16-L43-Z04-H

S Sistem Hızlı İlerlemeli Parmak Frezeler / S System Highfeed End Mills

-°	AHFM-S00803	Uç / Insert	Takım Kodu / Tool Code
		SOMW 0803.. (For KPTK)	AHFM-S00803-D20-W20-L150-Z02 AHFM-S00803-D25-W25-L150-Z03 AHFM-S00803-D32-W32-L150-Z04

S Sistem Hızlı İlerlemeli Parmak Frezeler / S System Highfeed End Mills

-°	AHFM-SP1004	Uç / Insert	Takım Kodu / Tool Code
		SPNW 1004.. (For DJT)	AHFM-SP1004-D25-C25-L150-Z02 AHFM-SP1004-D32-C32-L150-Z03

S Sistem Hızlı İlerlemeli Modüler Parmak Frezeler / S System Modular Highfeed End Mills (Screw Type Tools)

-°	AHFM-SP1004	Uç / Insert	Takım Kodu / Tool Code
		SPNW 1004.. (For DJT)	AHFM-SP1004-D25-M12-L35-Z02-H AHFM-SP1004-D32-M16-L43-Z03-H AHFM-SP1004-D35-M16-L43-Z03-H AHFM-SP1004-D42-M16-L43-Z04-H

Hızlı İlerlemeli Frezeler / High Feed Milling Tools

-°	AHFM-SP1004	Uç / Insert	Takım Kodu / Tool Code
		SPNW 1004.. (For DJT)	AHFM-SP1004-D050-A22-Z05-H AHFM-SP1004-D052-A22-Z05-H AHFM-SP1004-D063-A22-Z06-H

S Sistem Hızlı İlerlemeli Parmak Frezeler / S System Highfeed End Mills

-°	AHFM-WD..	Uç / Insert	Takım Kodu / Tool Code
		WD.T 0503.. (For DJT) WD.W 06T3.. (For DJT)	AHFM-WD0503D-D20-C20-L150-Z02 AHFM-WD0503D-D21-C20-L150-Z02 AHFMC-WD06T3D-D26-C25-L200-Z02 AHFMC-WD06T3D-D33-C32-L200-Z03

S Sistem Hızlı İlerlemeli Modüler Parmak Frezeler / S System Modular Highfeed End Mills (Screw Type Tools)

-°	AHFM-WD..	Uç / Insert	Takım Kodu / Tool Code
		WD.T 0503.. (For DJT) WD.W 06T3.. (For DJT) WD.W 0805.. (For DJT)	AHFM-WD0503D-D20-M10-L30-Z02-H AHFM-WD0503D-D25-M12-L35-Z03-H AHFM-WD0503D-D32-M16-L43-Z04-H AHFM-WD0503D-D40-M16-L43-Z05-H AHFMC-WD06T3D-D35-M16-L43-Z03-H AHFMC-WD0805D-D32-M16-L43-Z02-H

Hızlı İlerlemeli Frezeler / High Feed Milling Tools

-°	AHFMC-WD..	Uç / Insert	Takım Kodu / Tool Code
		WD.W 06T3.. (For DJT) WD.W 0805.. (For DJT) WD.W 10X6.. (For DJT)	AHFMC-WD06T3D-D042-A16-Z04-H AHFMC-WD06T3D-D050-A22-Z05-H AHFMC-WD06T3D-D052-A22-Z05-H AHFMC-WD0805D-D052-A22-Z04-H AHFMC-WD0805D-D063-A22-Z05-H AHFMC-WD0805D-D063-A27-Z05-H AHFMC-WD0805D-D066-A27-Z05-H AHFMC-WD0805D-D080-A27-Z05 AHFMC-WD0805D-D100-A32-Z06 AHFMC-WD10X6D-D125-B40-Z06 AHFMC-WD10X6D-D160-C40-Z07

S Sistem Hızlı İlerlemeli Modüler Parmak Frezeler / S System Modular Highfeed End Mills (Screw Type Tools)

-°	AHFM-S01004	Uç / Insert	Takım Kodu / Tool Code
		SOMT 1004.. (For KYCR)	AHFM-S01004-D32-M16-L40-Z03-H AHFM-S01004-D40-M16-L40-Z04-H AHFM-S01004-D42-M16-L40-Z04-H

Hızlı İlerlemeli Frezeler / High Feed Milling Tools

-°	AHFM-S01004	Uç / Insert	Takım Kodu / Tool Code
		SOMT 1004.. (For KYCR)	AHFM-S01004-D050-A22-Z05-H AHFM-S01004-D063-A22-Z06-H AHFM-S01004-D080-A27-Z07-H

S Sistem Hızlı İlerlemeli Parmak Frezeler / S System Highfeed End Mills

-°	AHFMC-WD..	Uç / Insert	Takım Kodu / Tool Code
		WDMT 0603.. (For SMTM) WDMT 0804.. (For SMTM) WDMT 1205 (For SMTM)	AHFM-WD0603D-D16-C16-L150-Z02 AHFM-WD0603D-D20-C20-L150-Z03 AHFMC-WD0804D-D25-C25-L150-Z02 AHFMC-WD0804D-D32-C32-L150-Z03 AHFMC-WD1205D-D32-C32-L150-Z02

S Sistem Hızlı İlerlemeli Modüler Parmak Frezeler / S System Modular Highfeed End Mills (Screw Type Tools)

-°	AHFMC-WD0804	Uç / Insert	Takım Kodu / Tool Code
		WDMT 0804.. (For SMTM)	AHFMC-WD0804D-D25-M12-L35-Z02-H AHFMC-WD0804D-D32-M16-L35-Z03-H

Frezeleme Takımları / Milling Tools

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Hızlı İlerlemeli Frezeler / High Feed Milling Tools

°	AHFC-WD..	Uç / Insert	Takım Kodu / Tool Code
		WDMT 0804.. (For SMTM)	AHFC-WD0804-D040-A16-Z04-H AHFC-WD0804-D050-A22-Z04-H AHFC-WD1205-D050-A22-Z04-H AHFC-WD1205-D052-A22-Z04-H AHFC-WD1205-D063-A22-Z05-H AHFC-WD1205-D080-A27-Z06-H

S Sistem Hızlı İlerlemeli Parmak Frezeler / S System Highfeed End Mills

°	AHFM-W004T2	Uç / Insert	Takım Kodu / Tool Code
		WOMW 04T2.. (For DJT)	AHFM-W004T2D-D16-C16-L150-Z02 AHFM-W004T2D-D17-C16-L150-Z02

S Sistem Hızlı İlerlemeli Modüler Parmak Frezeler / S System Modular Highfeed End Mills (Screw Type Tools)

°	AHFM-WN09T3	Uç / Insert	Takım Kodu / Tool Code
		WNMX 09T3.. (For KRLY)	AHFM-WN09T3-D32-M16-L40-Z03-H AHFM-WN09T3-D40-M16-L40-Z04-H

S Sistem Hızlı İlerlemeli Parmak Frezeler / S System Highfeed End Mills

°	AHFM-Y00602	Uç / Insert	Takım Kodu / Tool Code
		YOHW 0602.. (For DJT)	AHFM-Y00602-D10-C09-L120-Z02-F AHFM-Y00602-D10-C10-L080-Z02-F AHFM-Y00602-D10-C10-L120-Z02-F AHFM-Y00602-D10-C10-L120-Z02-H AHFM-Y00602-D12-C11-L120-Z02-F AHFM-Y00602-D12-C11-L120-Z02-H AHFM-Y00602-D12-C11-L120-Z02-H-F AHFM-Y00602-D12-C11-L120-Z03-F AHFM-Y00602-D12-C12-L080-Z02-F AHFM-Y00602-D12-C12-L080-Z03-F AHFM-Y00602-D12-C12-L120-Z02-F AHFM-Y00602-D12-C12-L120-Z02-H AHFM-Y00602-D12-C12-L120-Z03-F AHFM-Y00602-D12-C12-L120-Z03-H

S Sistem Hızlı İlerlemeli Parmak Frezeler / S System Highfeed End Mills

°	AHFM-WN..	Uç / Insert	Takım Kodu / Tool Code
		WNMX 0603.. (For KRLY)	AHFM-WN0603-D16-C16-L110-Z02-H AHFM-WN0603-D16-C16-L150-Z02-H AHFM-WN0603-D17-C16-L150-Z02-H AHFM-WN0603-D20-C20-L150-Z02-H AHFM-WN0603-D20-C20-L200-Z02-H AHFM-WN0603-D21-C20-L150-Z02-H
		WNMX 09T3.. (For KRLY)	AHFM-WN09T3-D25-W25-L120-Z02-H AHFM-WN09T3-D25-W25-L120-Z02-H AHFM-WN09T3-D25-C25-L200-Z02 AHFM-WN09T3-D32-W32-L120-Z03-H AHFM-WN09T3-D32-W32-L200-Z03-H AHFM-WN09T3-D35-W32-L200-Z04-H AHFM-WN09T3-D40-W32-L120-Z04-H AHFM-WN09T3-D40-C32-L200-Z04
		WNMX 1305.. (For KRLY)	AHFM-WN1305-D32-C32-L150-Z02-H AHFM-WN1305-D32-C32-L200-Z02-H AHFM-WN1305-D40-C32-L200-Z03-H

S Sistem Hızlı İlerlemeli Parmak Frezeler / S System Highfeed End Mills

°	AHFM-YP1003	Uç / Insert	Takım Kodu / Tool Code
		YPHW 1003.. (For DJT)	AHFM-YP1003-D16-C15-L150-Z02-F AHFM-YP1003-D16-C15-L200-Z02-F AHFM-YP1003-D16-C16-L150-Z02-F AHFM-YP1003-D17-C16-L150-Z02-F AHFM-YP1003-D17-C16-L200-Z02-F AHFM-YP1003-D20-C18-L150-Z03-F AHFM-YP1003-D20-C18-L200-Z03-F AHFM-YP1003-D20-C20-L150-Z03-F AHFM-YP1003-D21-C20-L150-Z03-F AHFM-YP1003-D21-C20-L150-Z03-H AHFM-YP1003-D21-C20-L150-Z04-F AHFM-YP1003-D21-C20-L200-Z03-F AHFM-YP1003-D21-C20-L200-Z03 AHFM-YP1003-D25-C20-L150-Z04-F AHFM-YP1003-D25-C20-L200-Z04-F AHFM-YP1003-D25-C25-L150-Z04-F AHFM-YP1003-D26-C25-L150-Z04-F AHFM-YP1003-D26-C25-L150-Z04 AHFM-YP1003-D26-C25-L200-Z03-F AHFM-YP1003-D26-C25-L200-Z04-F

Hızlı İlerlemeli Frezeler / High Feed Milling Tools

°	AHFM-WN09T3	Uç / Insert	Takım Kodu / Tool Code
		WNMX 09T3.. (For KRLY)	AHFM-WN09T3-D040-A16-Z04-H AHFM-WN09T3-D040-A16-Z04-H AHFM-WN09T3-D050-A22-Z05-H AHFM-WN09T3-D050-A22-Z05-H AHFM-WN09T3-D063-A22-Z06

S Sistem Hızlı İlerlemeli Modüler Parmak Frezeler / S System Modular Highfeed End Mills (Screw Type Tools)

°	AHFM-YP1003	Uç / Insert	Takım Kodu / Tool Code
		YPHW 1003.. (For DJT)	AHFM-YP1003-D16-M08-L23-Z02-F AHFM-YP1003-D16-M08-L23-Z02-H-F AHFM-YP1003-D17-M08-L23-Z02-H-F AHFM-YP1003-D17-M08-L23-Z02-H AHFM-YP1003-D20-M10-L30-Z03-H-F AHFM-YP1003-D20-M10-L30-Z03-H AHFM-YP1003-D20-M10-L30-Z04-F AHFM-YP1003-D21-M10-L30-Z03-H-F AHFM-YP1003-D21-M10-L30-Z03-H AHFM-YP1003-D25-M12-L35-Z04-H AHFM-YP1003-D25-M12-L35-Z04-H-F AHFM-YP1003-D26-M12-L35-Z04-H-F AHFM-YP1003-D32-M16-L30-Z05-F AHFM-YP1003-D32-M16-L43-Z05-H-F AHFM-YP1003-D40-M16-L43-Z06-H-F AHFM-YP1003-D42-M16-L43-Z06-H-F

Hızlı İlerlemeli Frezeler / High Feed Milling Tools

°	AHFM-WN0907	Uç / Insert	Takım Kodu / Tool Code
		WNMU 0907.. (For DJT)	AHFM-WN0907-D050-A22-Z04-H AHFM-WN0907-D052-A22-Z04-H AHFM-WN0907-D063-A22-Z05-H AHFM-WN0907-D066-A27-Z05-H AHFM-WN0907-D080-A27-Z06-H AHFM-WN0907-D100-A32-Z07-H

Frezeleme Takımları / Milling Tools

T Kanal Frezeler / T Slot Milling

90°	ATSM90-CC..	Uç / Insert	Takım Kodu / Tool Code
	CC.. 0602..	ATSM90-CC06-D17X8-W16-L85-Z02	
	CC.. 0602..	ATSM90-CC06-D28X8-W20-L66-Z04	
	CC.. 0602..	ATSM90-CC06-D32X8-W25-L100-Z04	
	CC.. 0602..	ATSM90-CC06-D45.5X8-W25-L100-Z06	
	CC.. 0602..	ATSM90-CC06-D63X8-W32-L125-Z08	
	CC.. 0602..	ATSM90-CC06-D18X9-W16-L90-Z02	
	CC.. 0602..	ATSM90-CC06-D20X9-W16-L85-Z04	
	CC.. 0602..	ATSM90-CC06-D23X10-W20-L90-Z04	
	CC.. 0602..	ATSM90-CC06-D32X10-W25-L100-Z04	
	CC.. 0602..	ATSM90-CC06-D45X10-W32-L120-Z06	
	CC.. 0602.. (For ISO)	ATSM90-CC06-D25X11-W25-L100-Z04	
	CC.. 09T3..	ATSM90-CC09-D30X12-W25-L100-Z04	
	CC.. 09T3..	ATSM90-CC09-D32X12-W25-L100-Z02	
	CC.. 09T3..	ATSM90-CC09-D32X12-W25-L100-Z04	
	CC.. 09T3..	ATSM90-CC09-D32X14-W25-L100-Z04	
	CC.. 09T3..	ATSM90-CC09-D37X16-W32-L120-Z04	
	CC.. 09T3.. (For ISO)	ATSM90-CC09-D42X17-W32-L120-Z04	
	CC.. 1204..	ATSM90-CC12-D47X20-W32-L120-Z04	
	CC.. 1204..	ATSM90-CC12-D52X21-W32-L120-Z04	
	CC.. 1204.. (For ISO)	ATSM90-CC12-D50X22-W32-L120-Z04	
	CC.. 1204.. (For ISO)	ATSM90-CC12-D55X22-W32-L120-Z04	

Disk Frezeler / Disc Milling

90°	ASDM-SPGT	Uç / Insert	Takım Kodu / Tool Code
	SPGT 0502.. (For ZCC)	ASDM-SPGT05-D80x6-d27-Z10	
		ASDM-SPGT05-D100x6-d32-Z12	
		ASDM-SPGT05-D125x6-d40-Z14	
	SPGT 0602.. (For ZCC)	ASDM-SPGT05-D160x6-d40-Z18	
		ASDM-SPGT06-D80x7-d27-Z10	
		ASDM-SPGT06-D100x7-d32-Z12	
		ASDM-SPGT06-D125x7-d40-Z14	
		ASDM-SPGT06-D160x7-d40-Z16	
	SPGT 0702.. (For ZCC)	ASDM-SPGT06-D200x7-d40-Z18	
		ASDM-SPGT07-D100x10-d32-Z12	
90°	ASDM-CC..	Uç / Insert	Takım Kodu / Tool Code
	CC.. 0602.. (For ISO)	ASDM-CC06-D80x8-d27-Z10	
		ASDM-CC06-D100x8-d32-Z12	
		ASDM-CC06-D125x8-d40-Z14	
		ASDM-CC06-D160x8-d40-Z16	
		ASDM-CC06-D200x8-d40-Z18	
		ASDM-CC06-D80x10-d27-Z10	
	CC.. 09T3.. (For ISO)	ASDM-CC06-D100x10-d32-Z12	
		ASDM-CC06-D125x10-d40-Z14	
		ASDM-CC06-D160x10-d40-Z16	
		ASDM-CC06-D200x10-d40-Z18	
		ASDM-CC09-D80x12-d27-Z08	
		ASDM-CC09-D100x12-d32-Z10	
	CC.. 1204.. (For ISO)	ASDM-CC09-D125x12-d40-Z12	
		ASDM-CC09-D160x12-d40-Z14	
		ASDM-CC09-D200x12-d40-Z16	
		ASDM-CC09-D80x14-d27-Z08	
		ASDM-CC09-D100x14-d32-Z10	
		ASDM-CC09-D125x14-d40-Z12	
	CC.. 1204.. (For ISO)	ASDM-CC09-D160x14-d40-Z14	
		ASDM-CC09-D200x14-d40-Z16	
		ASDM-CC12-D80x16-d27-Z06	
		ASDM-CC12-D100x16-d32-Z08	
		ASDM-CC12-D125x16-d40-Z10	
		ASDM-CC12-D160x16-d40-Z12	
		ASDM-CC12-D200x16-d40-Z14	
		ASDM-CC12-D80x18-d27-Z06	
	CC.. 1204.. (For ISO)	ASDM-CC12-D100x18-d32-Z08	
		ASDM-CC12-D125x18-d40-Z10	
		ASDM-CC12-D160x18-d40-Z12	
		ASDM-CC12-D200x18-d40-Z14	
		ASDM-CC12-D250x18-d40-Z16	
		ASDM-CC12-D80x20-d27-Z06	
		ASDM-CC12-D100x20-d32-Z08	
		ASDM-CC12-D125x20-d40-Z10	
	CC.. 1204.. (For ISO)	ASDM-CC12-D160x20-d40-Z12	
		ASDM-CC12-D200x20-d40-Z14	
		ASDM-CC12-D250x20-d40-Z16	

T Kanal Frezeler / T Slot Milling

90°	ATSM90-SP..	Uç / Insert	Takım Kodu / Tool Code
	SPMG 050204	ATSM90-SP.05-D22.5X5-W25-L100-Z04	
	(For TGTC)	ATSM90-SP.05-D30X5-W25-L100-Z04	
	SPGT 050204	ATSM90-SPGT0502-D63X6-W32-L125-Z10	
	SPGT 090408	ATSM90-SPGT0904-D32X14-W32-L120-Z04-H	
	(For ZCC)	ATSM90-SPGT0904-D37X16-W32-L120-Z04-H	
	SPGT 110408	ATSM90-SPGT1104-D47X20-W32-L120-Z04-H	
	SPMG 060204	ATSM90-SP.06-D80X7-W32-L120-Z10	
	(For TGTC)		
-°	ATSMR-RD..	Uç / Insert	Takım Kodu / Tool Code
	RD.. 0702..	ATSMR-RD0702-D17-W16-L90-Z02	
	(For ISO)	ATSMR-RD0702-D25-W16-L90-Z03	
	RD.. 1003..	ATSMR-RD0702-D35-W25-L100-Z05	
	(For ISO)	ATSMR-RD1003-D21-W25-L100-Z02	
	RD.. 12T3..	ATSMR-RD1003-D80-W32-L165-Z06-H	
	(For ISO)	ATSMR-RD12T3-D25-W25-L100-Z02	
	RD.. 1604..	ATSMR-RD12T3-D80-W32-L165-Z06-H	
	(For ISO)	ATSMR-RD1604-D34-W32-L110-Z02	

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