



2025 ÜRÜN BROŞÜRÜ PRODUCT BROCHURE

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



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[f](#) [i](#) [y](#) [in](#) AKKO Metalworking Tools

DEĞİŞTİRİLEBİLİR UÇLU TAKIMLAR, TAKIM TUTUCU SİSTEMLER VE KESİCİ UÇLAR
INDEXABLE TOOLS, TOOL HOLDER SYSTEMS AND CUTTING INSERTS

0100/0125

versiyon
version



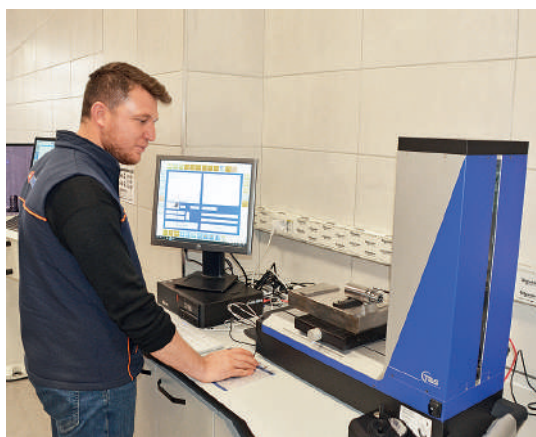
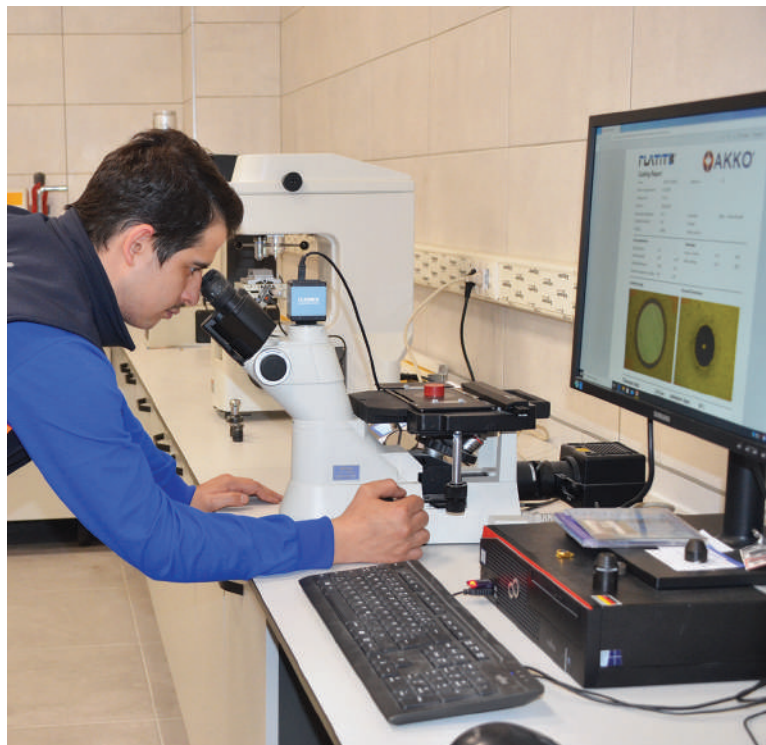
1986 yılında Abdullah KARAKUŞ tarafından kurulan AKKO Makina Sanayi ve Ticaret A.Ş. Tornalama Takımları, Diş ve Kanal Açma Takımları, Delik Delme Takımları, Frezeleme Takımları ve talebe yönelik Özel Takımlar, Monoblok ve Tutucular ile Profil Uçlar üretmektedir. Şu an 40.000m²'ye yakın bir alanda Türkiye, Japonya, Almanya, İsviçre gibi ülkelerin ürettikleri son teknoloji tezgah ve ekipmanlarıyla yıllık 750.000 adet üretim kapasitesiyle, standart 10.000 çeşit takım üretimi ve 70.000 adet profil uç üretimi yapmaktadır. Avrupa, Asya, Afrika, Güney Amerika, Kuzey Amerika ve Orta Doğu kıtalarında şimdilik düzenli olarak 90 ülkeye ürün sevkiyatına devam etmektedir. Minimum 300.000 adet üretilmiş ürün stoklarında mevcut bulunmaktadır. Firma için özel üretilen çelik hammadde işleme girer ve bütün üretim süreci kendi bünyesinde gerçekleşmektedir. Çeliğin işlenmesi, ısıtma işlemi, üzerindeki kaplama ve her türlü üretim operasyonları bir entegre tesis olan AKKO'da yapılmaktadır.

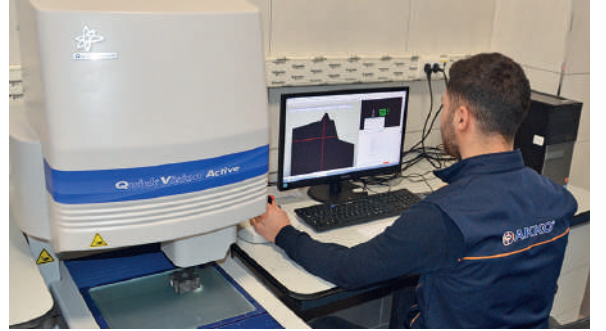
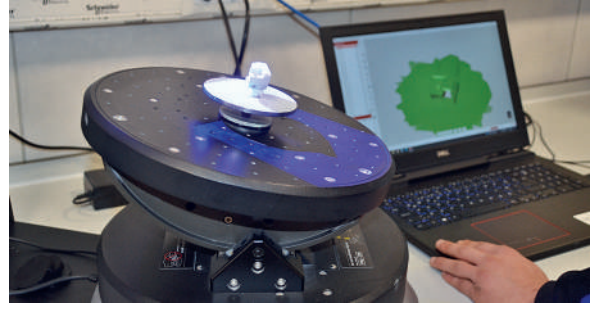


We as AKKO Makina Sanayi ve Ticaret A.Ş. which were founded by Abdullah KARAKUŞ in 1986, produce Turning Tool Holders, Threading and Grooving Tool Holders, U-Drills, Milling Tool Holders, Precision Tool Holders (OEM Tool Holders) on-demand, Monoblocks and Holders, and Profile Inserts. We produce a standard 10.000 kinds of tool holders with a production capacity of 750.000 pieces and 70.000 pieces of special profile inserts per year in an area of about 40.000 square meters. We are going on regularly exporting to 90 countries including European, Asian, African, South American Countries, North American Countries, and Middle Eastern countries. We keep ready about 300.000 pieces produced products in our stock. Steel Raw materials that we make produced especially for us are delivered our factory and all production process are made in our factory. All kinds of operations from machining of steel to heat treatment and coating on our tools are made in our integrated factory AKKO.



TS EN ISO 9001:2015





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.

OUR QUALITY IS UNDER 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



T12.10.0234.PJ.R
T12.10.0356.PK.R
T12.10.0470.PL.R



AKKO (T30P) UCUNA UYGUNDUR
COMPATIBLE WITH AKKO (T30P) INSERT

ADKT-T30P-R-1616-3.56
ADKT-T30P-R-1616-2.34
ADKT-T30P-R-2020-3.56
ADKT-T30P-R-2020-2.34
ADKT-T30P-R-2525-3.56
ADKT-T30P-R-2525-2.34
ADKT-T30P-R-3232-3.56
ADKT-T30P-R-3232-2.34



T30.07.0234.PJ.x2
T30.07.0356.PK.x2



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



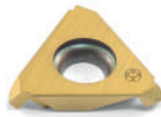
B26.07.0234.PJx4
B26.07.0356.PKx3
B26.07.0356.PKx4
B26.07.0470.PLx3

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

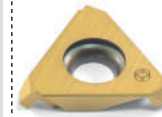


AKKO (T20) UCUNA UYGUNDUR
COMPATIBLE WITH AKKO (T20) INSERT

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



T20.00.1220.45.10R/L

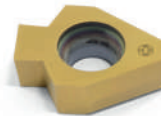
Broş Çekme Uçları ve Takımları / Broaching Inserts and Toolholders



AKKO (B41-B42) UCUNA UYGUNDUR
COMPATIBLE WITH AKKO (B41-B42) INSERT

ABT-B41-D14-Y25-L90-I040
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



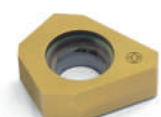
DIN6885 (Tolerans P9) torna ve freze tezgahlarında broş çekme uçları.
DIN6885 (Tolerance P9) inserts for keyway broaching on lathe and milling machines.

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.

B41.00.0501.020.VP3001
B41.00.0601.020.VP3001
B41.00.0801.020.VP3001
B42.00.1001.030.VP3001
B42.00.1200.050.VP3001
B42.00.1201.030.VP3001
B42.00.1401.030.VP3001



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



DIN138 (Tolerans D10) torna ve freze tezgahlarında broş çekme uçları.
DIN138 (Tolerance D10) inserts for keyway broaching on lathe and milling machines.

B41.00.0407.012.VP3001
B41.00.0507.020.VP3001
B41.00.0607.020.VP3001

B41.00.0808.020.VP3001
B42.00.1008.030.VP3001
B42.00.1210.030.VP3001

B42.00.1410.030.VP3001

Kesici Uçlar ve Takımları / Cutting Inserts and Toolholders

6/7

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

VST-B11-2842
VST-B11-4058

VST-B11-1830-A

VST-B11-2032-A
VST-B11-2434-A
VST-B11-2956-A

AKKO (B11) UCUNA UYGUNDUR
COMPATIBLE WITH AKKO (B11) INSERT

AKKO (B11) UCUNA UYGUNDUR
COMPATIBLE WITH AKKO (B11) INSERT

AKKO (B11) UCUNA UYGUNDUR
COMPATIBLE WITH AKKO (B11) INSERT

B11003	B11014	B11031	B11042	B11052	B11065	B11079	B11089
B11004	B11016	B11032	B11043	B11053	B11066	B11080	B11090
B11005	B11017	B11033	B11044	B11054	B11069	B11081	B11091
B11006	B11018	B11034	B11045	B11055	B11070	B11082	B11096
B11007	B11019	B11035	B11046	B11056	B11071	B11083	B11095
B11008	B11020	B11036	B11047	B11058	B11074	B11084	
B11009	B11021	B11037	B11048	B11061	B11075	B11085	
B11010	B11022	B11038	B11049	B11062	B11076	B11086	
B11011	B11029	B11039	B11050	B11063	B11077	B11087	
B11012	B11030	B11040	B11051	B11064	B11078	B11088	

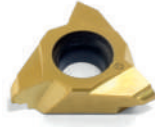
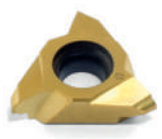
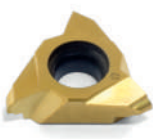
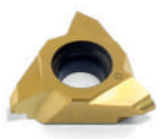
B11015	B11057
B11023	B11067
B11024	B11073
B11025	B11092
B11026	B11093
B11027	B11094
B11028	

B11013

Supap Yuvası İşleme Takımları / Valve Seat Toolholders

	ACPM-0497-165 ACPM-0498-165 ACPM-0499-165 ACPM-0500-165 ACPM-0549-165 ACPM-0550-165 ACPM-0597-165 ACPM-0598-165	ACPM-0599-165 ACPM-0600-165 ACPM-0605-165 ACPM-0606-165 ACPM-0659-165 ACPM-0660-165 ACPM-0697-165 ACPM-0698-165	ACPM-0699-165 ACPM-0700-165 ACPM-0797-165 ACPM-0798-165 ACPM-0799-165 ACPM-0800-165 ACPM-0801-165 ACPM-0802-165	ACPM-0803-165 ACPM-0824-165 ACPM-0825-165 ACPM-0849-165 ACPM-0850-165 ACPM-0897-165 ACPM-0898-165 ACPM-0899-165 ACPM-0900-165
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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-D0937-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.M200.D12 T09.M250.D12 T09.M300.D12 T09.M350.D12 T09.M400.D12 T09.M500.D12 T09.M600.D12 T09.M700.D12 T09.M800.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

Kesici Uçlar ve Takımları / Cutting Inserts and Toolholders

Polygon Frezeleme Uçları Ve Takımları / Polygon Milling Tools And Inserts



APTR/L-T12-D90-D27-Z02
APTR/L-T12-D90-D27-Z03



T12.15.0500.05.020 R/L



ADKT-B41-1616-L125
ADKT-B41-2020-L125
ADKT-B41-2525-L150
ADKT-B42-1616-L125
ADKT-B42-2020-L125
ADKT-B42-2525-L150

Mico Cut Uçları Ve Takımlar / Mico Cut Inserts And Tools



A12G-MC08-015
A12G-MC08-022
A12G-MC11-019
A16G-MC11-028
A16J-MC11-040



E12J-MC08-042
E12K-MC08-056
E12J-MC11-040
E16K-MC11-056
E16K-MC11-080



MC08.G.0100.010.01340
MC08.G.0150.015.01340
MC08.G.0200.020.01340
MC08.G.0250.025.01340
MC08.G.0300.030.01340



MC08.GR.0080.040.01340
MC08.GR.0120.060.01340
MC08.GR.0180.090.01340
MC08.GR.0200.100.01340
MC08.GR.0300.150.01340



MC11.G.0100.010.02040
MC11.G.0150.015.02040
MC11.G.0200.020.02040
MC11.G.0250.025.02040
MC11.G.0300.030.02040
MC11.G.0350.035.02040
MC11.G.0400.040.02040



MC11.GR.0180.090.02040
MC11.GR.0220.110.02040
MC11.GR.0300.150.02040
MC11.GR.0400.200.02040

Mimill Uçları Ve Takımları / Mimill Inserts And Tools

Ø Dm 17.7
ÇELİK ŞAFT
STEEL SHAFT



A12E-MM1803-018
A16F-MM1803-026

Ø Dm 17.7
KARBÜR ŞAFT
CARBIDE SHAFT



E12H-MM1803-045
E12J-MM1803-064
E16H-MM1803-032
E16J-MM1803-045
E16K-MM1803-064

Ø Dm 17.7



MM1803.G.0150.010.0177
MM1803.G.0200.020.0177
MM1803.G.0250.020.0177
MM1803.G.0300.010.0177

Ø Dm 21.7
ÇELİK ŞAFT
STEEL SHAFT



A12E-MM2203-018
A16F-MM2203-026

Ø Dm 21.7
KARBÜR ŞAFT
CARBIDE SHAFT



E16H-MM2203-042
E16K-MM2203-060
E16N-MM2203-085

Ø Dm 21.7



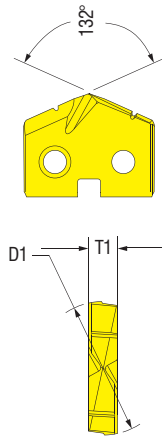
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MM2203.G.0250.020.2177
MM2203.G.0300.020.2177
MM2203.G.0350.020.2177
MM2203.G.0400.020.2177

Mimill Uçları Ve Takımları / Mimill Inserts And Tools

ø Dm 27.7 ÇELİK ŞAFT STEEL SHAFT new 	A12E-MM2806-020 A16G-MM2806-036 A20H-MM2806-036	ø Dm 27.7 KARBÜR ŞAFT CARBIDE SHAFT new 	E16H-M2806-042 E16L-M2806-060 E20L-M2806-060 E20N-M2806-085	ø Dm 27.7 new 	MM2806.G.0250.020.2770 MM2806.G.0300.020.2770 MM2806.G.0350.020.2770 MM2806.G.0400.020.2770 MM2806.G.0450.020.2770 MM2806.G.0500.020.2770
ø Dm 31.7 ÇELİK ŞAFT STEEL SHAFT new 	A16G-MM3306-036 A20H-MM3306-036	ø Dm 31.7 KARBÜR ŞAFT CARBIDE SHAFT new 	E16H-MM3306-042 E16K-MM3306-060 E20H-MM3306-042 E20K-MM3306-060 E20N-MM3306-085	ø Dm 31.7 new 	MM3306.G.0200.020.3170 MM3306.G.0250.020.3170 MM3306.G.0300.020.3170 MM3306.G.0400.020.3170

S-Drill Uçları Ve Takımları / S-Drill Inserts And Toolholders

new 	ASD-0110-0119-D5-FW20 ASD-0120-0129-D5-FW20 ASD-0130-0139-D5-FW20 ASD-0140-0149-D5-FW20 ASD-0150-0164-D5-FW20 ASD-0165-0179-D5-FW25 ASD-0180-0209-D5-FW25 ASD-0210-0244-D5-FW25 ASD-0245-0299-D5-FW25	ASD-0300-0349-D5-FW32 ASD-0350-0394-D5-FW32 ASD-0395-0439-D5-FW40 ASD-0440-0480-D5-FW40 ASD-0110-0119-D7-FW20 ASD-0120-0129-D7-FW20 ASD-0130-0139-D7-FW20 ASD-0140-0149-D7-FW20 ASD-0150-0164-D7-FW20	ASD-0165-0179-D7-FW25 ASD-0180-0209-D7-FW25 ASD-0210-0244-D7-FW25 ASD-0245-0299-D7-FW25 ASD-0300-0349-D7-FW32 ASD-0350-0394-D7-FW32 ASD-0395-0439-D7-FW40 ASD-0440-0480-D7-FW40
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new K döküm kalite / for cast iron  	ASI.M.1100.SG ASI.M.1150.SG ASI.M.1200.SG ASI.M.1250.SG ASI.M.1290.SG ASI.M.1300.SG ASI.M.1350.SG ASI.M.1400.SG ASI.M.1450.SG ASI.M.1500.SG ASI.M.1550.SG ASI.M.1600.SG ASI.M.1650.SG ASI.M.1700.SG ASI.M.1750.SG ASI.M.1790.SG ASI.M.1800.SG ASI.M.1850.SG ASI.M.1900.SG ASI.M.1950.SG	ASI.M.2000.SG ASI.M.2050.SG ASI.M.2100.SG ASI.M.2150.SG ASI.M.2200.SG ASI.M.2250.SG ASI.M.2300.SG ASI.M.2350.SG ASI.M.2400.SG ASI.M.2440.SG ASI.M.2450.SG ASI.M.2500.SG ASI.M.2550.SG ASI.M.2600.SG ASI.M.2650.SG ASI.M.2700.SG ASI.M.2750.SG ASI.M.2800.SG ASI.M.2850.SG ASI.M.2900.SG	ASI.M.2950.SG ASI.M.3000.SG ASI.M.3050.SG ASI.M.3100.SG ASI.M.3150.SG ASI.M.3200.SG ASI.M.3250.SG ASI.M.3300.SG ASI.M.3350.SG ASI.M.3400.SG ASI.M.3450.SG ASI.M.3490.SG ASI.M.3500.SG ASI.M.3550.SG ASI.M.3600.SG ASI.M.3650.SG ASI.M.3700.SG ASI.M.3750.SG ASI.M.3800.SG ASI.M.3850.SG	ASI.M.3900.SG ASI.M.3950.SG ASI.M.4000.SG ASI.M.4050.SG ASI.M.4100.SG ASI.M.4150.SG ASI.M.4200.SG ASI.M.4250.SG ASI.M.4300.SG ASI.M.4350.SG ASI.M.4400.SG ASI.M.4450.SG ASI.M.4500.SG ASI.M.4550.SG ASI.M.4600.SG ASI.M.4650.SG ASI.M.4700.SG ASI.M.4750.SG ASI.M.4800.SG
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Kesici Uçlar ve Takımları / Cutting Inserts and Toolholders

Torx - Alyan / Punch - Kazıma Takımları / Torx-Allen / Punch - Broach Set

	APTX-006 APTX-008 APTX-010 APTX-015 APTX-020 APTX-025	APTX-030 APTX-040 APTX-045 APTX-050		APHX-0015 APHX-0020 APHX-0025 APHX-0030 APHX-0035 APHX-0040 APHX-0045 APHX-0050	APHX-0060 APHX-0080 APHX-0100		AKTX-006 AKTX-008 AKTX-010 AKTX-015 AKTX-020 AKTX-030 AKTX-040 AKTX-045	AKTX-050 AKTX-055 AKTX-060 AKTX-070 AKTX-080 AKTX-090 AKTX-0100
	AKHX-002-002 AKHX-003-003 AKHX-004-006 AKHX-007-012							

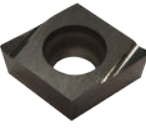
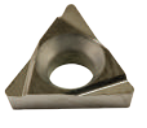
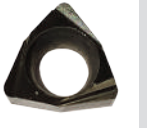
Dış Açma Frezeleme Uçları / Thread Milling Insert

	ADTI.14.050 ADTI.14.075 ADTE.14.075 ADTI.14.100 ADTE.14.100 ADTI.14.125 ADTE.14.125 ADTI.14.150	ADTE.14.150 ADTI.14.175 ADTE.14.175 ADTI.14.200 ADTE.14.200 ADTI.14.250 ADTE.14.250		ADTI.21.100 ADTE.21.100 ADTI.21.150 ADTE.21.150 ADTI.21.175 ADTI.21.200 ADTE.21.200 ADTI.21.250	ADTE.21.250 ADTI.21.300 ADTE.21.300 ADTI.21.350
C14			C21		

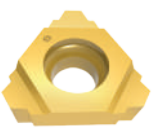
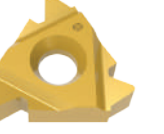
Segman Uçları Ve Takımları / Ring Inserts And Toolholders

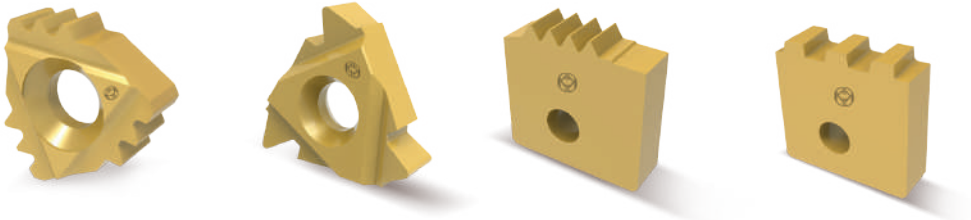
	ASFM-T12-D40x5.2-A22-Z04 ASFM-T12-D60x5.2-A22-Z04		ASK-125-13 ASK-135-13 ASK-145-13 ASK-150-13 ASK-165-18 ASK-175-18 ASK-185-23 ASK-200-23	ASK-220-33 ASK-230-33 ASK-250-33 ASK-265-33 ASK-270-33 ASK-280-33 ASK-300-33 ASK-320-33	ASK-330-33 ASK-350-38 ASK-370-38 ASK-390-38 ASK-400-38
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Ayarlanabilir Bara Uçları / Adjustable Boring Inserts

	CCGT 09T302L-AC1020 CCGT 09T304L-AC1020		TPGH 09T0202L-AC1020 TPGH 09T0204L-AC1020		WCGT 020102L-AC1020 WCGT 020104L-AC1020
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Dış Açma Uçları / Threading Inserts

new ROUND Dış çap / External  16ST ER/L 10RD 16ST ER/L 8RD 16ST ER/L 6RD 22ST ER/L 6RD 22ST ER/L 4RD 27ST ER/L 4RD	new ROUND İç çap / Internal  16ST IR/L 10RD 16ST IR/L 8RD 16ST IR/L 6RD 22ST IR/L 6RD 22ST IR/L 4RD 27ST IR/L 4RD	new TRAPEZ Dış çap / External  16ST ER/L 1.5TR 16ST ER/L 2.0TR 16ST ER/L 2.5TR 16ST ER/L 3.0TR 22ST ER/L 4.0TR 22ST ER/L 5.0TR 22ST ER/L 6.0TR 27ST ER/L 6.0TR
new TRAPEZ Dış çap / External V Tip / V Type  27VT ER/L 6.0TR 27VT ER/L 7.0TR 27VT ER/L 8.0TR	new TRAPEZ Dış çap / External U Tip / U Type  22UT E 6.0TR 22UT E 7.0TR 22UT E 8.0TR 27UT E 8.0TR 27UT E 9.0TR	new TRAPEZ İç çap / Internal  16ST IR/L 1.5TR 16ST IR/L 2.0TR 16ST IR/L 2.5TR 16ST IR/L 3.0TR 22ST IR/L 4.0TR 22ST IR/L 5.0TR 22ST IR/L 6.0TR 27ST IR/L 6.0TR
new TRAPEZ İç çap / Internal V Tip / V Type  27VT IR/L 6.0TR 27VT IR/L 7.0TR 27VT IR/L 8.0TR	new TRAPEZ İç çap / Internal U Tip / U Type  22UT I 6.0TR 22UT I 7.0TR 22UT I 8.0TR 27UT I 8.0TR 27UT I 9.0TR	new OIL AND GAS INDUSTRY Dış çap / External  22ST ER 4APIV382 22ST ER 4APIV383 22ST ER 4APIV502 22ST ER 4APIV503 22ST ER 5APIV403 22ST ER 6APIV551 27ST ER 4APIV382 27ST ER 4APIV383 27ST ER 4APIV502 27ST ER 4APIV503 27ST ER 5APIV403 27ST ER 4APIV652
new OIL AND GAS INDUSTRY Dış çap / External V Tip / V Type  27VT ER 5API403	new OIL AND GAS INDUSTRY İç çap / Internal  22ST IR 4APIV382 22ST IR 4APIV383 22ST IR 4APIV502 22ST IR 4APIV503 22ST IR 5APIV403 22ST IR 5APIV551 27ST IR 4APIV382 27ST IR 4APIV383 27ST IR 4APIV502 27ST IR 4APIV503 27ST IR 5APIV403 27ST IR 4APIV652	new OIL AND GAS INDUSTRY İç çap / Internal V Tip / V Type  27VT IR 5API403



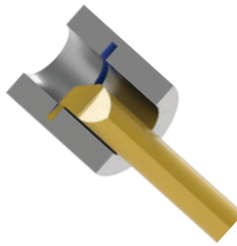
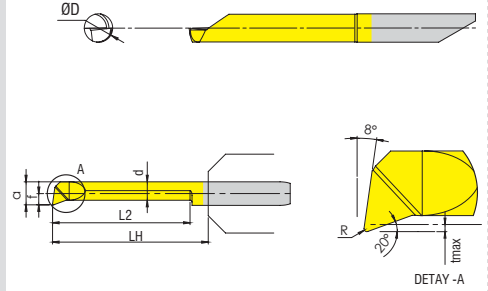
Mini Cut Takımlar / Mini Cut Tools



APB..

Delik İçi Mini Cut Takımlar / Mini Cut Boring

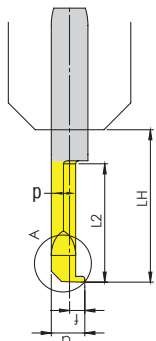
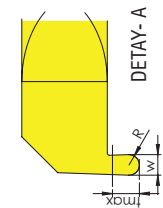
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APB.04.152.015.32	APB.05.102.020	APB.06.356.020
APB.04.203.015.32	APB.05.152.020	APB.06.406.020
APB.04.254.015.32	APB.05.203.020	APB.06.508.020
APB.04.305.015.32	APB.05.254.020	APB.07.254.020
APB.04.356.015.32	APB.05.305.020	APB.07.305.020
APB.04.102.015	APB.05.356.020	APB.07.356.020
APB.04.152.015	APB.05.406.020	APB.07.406.020
APB.04.203.015	APB.06.102.020	APB.07.508.020
APB.04.254.015	APB.06.152.020	APB.07.608.020
APB.04.305.015	APB.06.203.020	
APB.04.356.015	APB.06.254.020	

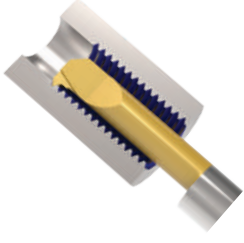


APG..

Kanal Açma Mini Cut Takımlar / Mini Cut Grooving

APG04.080.102	APG05.200.203	APG06.200.102	APG07.198.203
APG04.080.152	APG05.200.254	APG06.200.152	APG07.198.254
APG04.080.203	APG05.200.305	APG06.200.203	APG07.198.305
APG04.080.254	APG06.079.102	APG06.200.254	APG07.198.356
APG04.100.102	APG06.079.152	APG06.200.305	APG07.200.102
APG04.100.152	APG06.079.203	APG06.200.356	APG07.200.152
APG04.100.203	APG06.079.254	APG07.079.102	APG07.200.203
APG05.079.102	APG06.079.305	APG07.079.152	APG07.200.254
APG05.079.152	APG06.079.356	APG07.079.203	APG07.200.305
APG05.079.203	APG06.100.102	APG07.079.254	APG07.200.356
APG05.079.254	APG06.100.152	APG07.079.305	APG10.100.305
APG05.079.305	APG06.100.203	APG07.079.356	APG10.100.508
APG05.079.356	APG06.100.254	APG07.079.406	APG10.200.305
APG05.100.102	APG06.100.305	APG07.100.102	APG10.200.508
APG05.100.152	APG06.100.356	APG07.100.152	APG10.300.305
APG05.100.203	APG06.100.406	APG07.100.203	APG10.300.508
APG05.100.254	APG06.117.102	APG07.100.254	APG04.100.152.R050
APG05.100.305	APG06.117.152	APG07.100.305	APG04.117.152.R0585
APG05.100.356	APG06.117.203	APG07.100.356	APG05.100.203.R050
APG05.117.102	APG06.117.254	APG07.100.406	APG05.117.203.R0585
APG05.117.152	APG06.117.305	APG07.117.102	APG05.150.203.R075
APG05.117.203	APG06.117.356	APG07.117.152	APG05.1574.203.R0787
APG05.117.254	APG06.117.406	APG07.117.203	APG05.1626.203.R0813
APG05.117.305	APG06.150.102	APG07.117.254	APG05.198.203.R099
APG05.117.356	APG06.150.152	APG07.117.305	APG05.200.203.R100
APG05.150.102	APG06.150.203	APG07.117.356	APG06.100.254.R050
APG05.150.152	APG06.150.254	APG07.117.406	APG06.117.254.R0585
APG05.150.203	APG06.150.305	APG07.150.102	APG06.150.254.R075
APG05.150.254	APG06.150.356	APG07.150.152	APG06.1574.254.R0787
APG05.150.305	APG06.157.102	APG07.150.203	APG06.1626.254.R0813
APG05.150.356	APG06.157.152	APG07.150.254	APG06.198.254.R099
APG05.157.102	APG06.157.203	APG07.150.305	APG06.200.203.R100
APG05.157.152	APG06.157.254	APG07.150.356	APG06.200.254.R100
APG05.157.203	APG06.157.305	APG07.150.406	APG07.100.305.R050
APG05.157.254	APG06.157.356	APG07.157.102	APG07.117.305.R0585
APG05.157.305	APG06.157.406	APG07.157.152	APG07.150.305.R075
APG05.198.102	APG06.198.102	APG07.157.203	APG07.1574.305.R0787
APG05.198.152	APG06.198.152	APG07.157.254	APG07.1626.305.R0813
APG05.198.203	APG06.198.203	APG07.157.305	APG07.198.305.R099
APG05.198.254	APG06.198.254	APG07.157.356	APG07.200.305.R100
APG05.198.305	APG06.198.305	APG07.157.406	
APG05.200.102	APG06.198.356	APG07.198.102	
APG05.200.152	APG06.198.406	APG07.198.152	



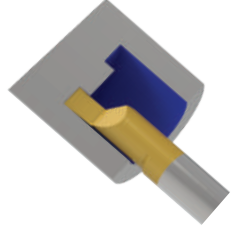
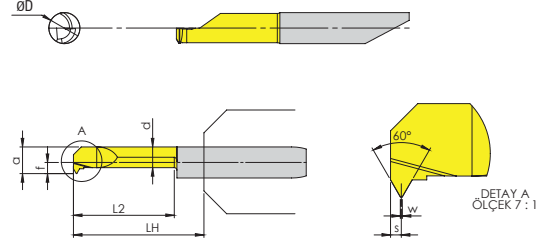


APT..

Dış Çekme Mini Cut Takımlar / Mini Cut Threading

APT.04.152.080
APT.04.152.050
APT.05.152.075
APT.05.152.100
APT.05.203.100
APT.05.254.100
APT.05.152.050

APT.06.152.125
APT.06.152.150
APT.06.152.175
APT.06.203.125
APT.06.254.125
APT.06.203.175
APT.06.254.175

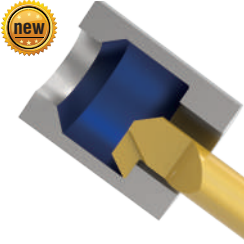
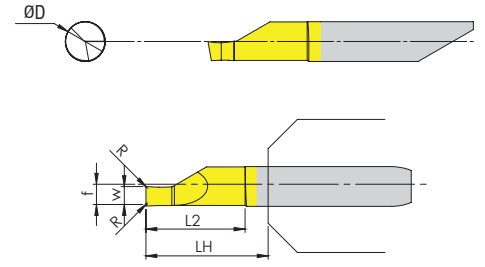


APFG..

Alın Kanal Açma Mini Cut Takımlar / Mini Cut Face Grooving

APFG.06.152.0787 R005
APFG.06.152.1000 R005
APFG.06.152.1500 R005
APFG.06.152.1000 R015
APFG.06.152.1168 R015
APFG.06.152.1500 R015
APFG.06.152.1575 R015

APFG.06.152.1981 R015
APFG.06.152.2000 R015
APFG.06.152.2388 R015
APFG.06.152.2500 R015
APFG.06.152.3000 R015
APFG.06.152.3175 R015

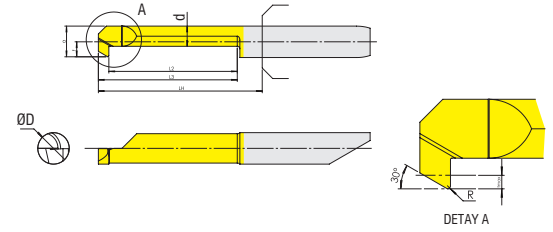


APB..

Ters Tornalama Mini Cut Takımlar / Mini Cut Back Boring

APB.B04.152.010.32
APB.B04.203.010.32
APB.B04.152.015.42
APB.B04.254.015.42
APB.B05.203.020.52
APB.B05.305.020.52
APB.B06.203.020.62

APB.B06.305.020.62
APB.B07.203.020.72
APB.B07.305.020.72



Mini Cut Takımlar
Mini Cut Tools



Tutucular / Holders



ABT..

JIS B 6339 (MAS 403 BT) / BT VELDON ŞAFTLI TAKIM TUTUCULAR / JIS B 6339 (MAS 403 BT) / BT END MILL HOLDER

ABT30-EM-06-050	ABT40-EM-10-160	ABT40-EM-20-160	ABT50-EM-10-100	ABT50-EM-25-100
ABT30-EM-08-050	ABT40-EM-12-063	ABT40-EM-25-090	ABT50-EM-10-160	ABT50-EM-25-160
ABT30-EM-10-050	ABT40-EM-12-100	ABT40-EM-25-130	ABT50-EM-12-080	ABT50-EM-32-105
ABT30-EM-12-050	ABT40-EM-12-160	ABT40-EM-25-160	ABT50-EM-12-100	ABT50-EM-32-160
ABT30-EM-14-050	ABT40-EM-14-063	ABT40-EM-32-100	ABT50-EM-12-160	ABT50-EM-40-110
ABT30-EM-16-065	ABT40-EM-14-100	ABT40-EM-32-130	ABT50-EM-14-080	ABT50-EM-40-160
ABT30-EM-18-065	ABT40-EM-14-160	ABT40-EM-32-160	ABT50-EM-14-100	
ABT40-EM-06-050	ABT40-EM-16-063	ABT40-EM-40-120	ABT50-EM-14-160	
ABT40-EM-06-100	ABT40-EM-16-100	ABT50-EM-06-070	ABT50-EM-16-080	
ABT40-EM-06-160	ABT40-EM-16-160	ABT50-EM-06-100	ABT50-EM-16-100	
ABT40-EM-08-050	ABT40-EM-18-065	ABT50-EM-06-160	ABT50-EM-16-160	
ABT40-EM-08-100	ABT40-EM-18-100	ABT50-EM-08-070	ABT50-EM-18-100	
ABT40-EM-08-160	ABT40-EM-18-160	ABT50-EM-08-100	ABT50-EM-18-160	
ABT40-EM-10-063	ABT40-EM-20-063	ABT50-EM-08-160	ABT50-EM-20-100	
ABT40-EM-10-100	ABT40-EM-20-100	ABT50-EM-10-070	ABT50-EM-20-160	



ABT..

JIS B 6339 (MAS 403 BT) / BT ER SIKMA PENSLİ TAKIM TUTUCULAR / JIS B 6339 (MAS 403 BT) / BT COLLET CHUCKS ER

ABT30-ER-16-060	ABT40-ER-25-130	ABT50-ER-16-160	ABT50-ER-40-080
ABT30-ER-16-100	ABT40-ER-32-070	ABT50-ER-25-070	ABT50-ER-40-100
ABT30-ER-25-060	ABT40-ER-32-100	ABT50-ER-25-100	ABT50-ER-40-160
ABT30-ER-25-100	ABT40-ER-32-160	ABT50-ER-25-130	
ABT40-ER-16-063	ABT40-ER-40-080	ABT50-ER-25-160	ABT40-ER-16-100-M
ABT40-ER-16-100	ABT40-ER-40-100	ABT50-ER-32-070	ABT40-ER-16-130-M
ABT40-ER-16-130	ABT40-ER-40-160	ABT50-ER-32-100	ABT50-ER-16-100-M
ABT40-ER-25-060	ABT50-ER-16-070	ABT50-ER-32-130	ABT50-ER-16-130-M
ABT40-ER-25-100	ABT50-ER-16-100	ABT50-ER-32-160	ABT50-ER-16-160-M

M (mini) : JIS B 6339 (MAS 403 BT) / BT ER MİNİ SIKMA PENSLİ TAKIM TUTUCULAR
M (mini) : JIS B 6339 (MAS 403 BT) / BT COLLET CHUCKS ER MİNİ



ABT..

JIS B 6339 (MAS 403 BT) BT YÜZEY FREZE TAKIM TUTUCULAR JIS B 6339 (MAS 403 BT) BT SHELL MILL HOLDER

ABT30-FM-16-040	ABT50-FM-16-050
ABT30-FM-22-040	ABT50-FM-16-100
ABT30-FM-27-050	ABT50-FM-16-160
ABT30-FM-32-050	ABT50-FM-22-055
ABT40-FM-16-055	ABT50-FM-22-100
ABT40-FM-16-100	ABT50-FM-22-160
ABT40-FM-22-040	ABT50-FM-27-055
ABT40-FM-22-100	ABT50-FM-27-100
ABT40-FM-27-055	ABT50-FM-27-160
ABT40-FM-27-100	ABT50-FM-32-100
ABT40-FM-32-050	ABT50-FM-32-160
ABT40-FM-32-100	ABT50-FM-40-100
ABT40-FM-40-050	ABT50-FM-40-160
ABT40-FM-40-100	ABT50-FM-60-080



ABT..

JIS B 6339 (MAS 403 BT) / BT MODÜLER PARMAK FREZE TUTUCULAR JIS B 6339 (MAS 403 BT) / BT MILLING CUTTER ARBORS FOR SCREW-ON TYPE MILLING CUTTERS

ABT40-MM-06-052	ABT40-MM-16-077
ABT40-MM-06-077	ABT40-MM-16-102
ABT40-MM-06-102	ABT40-MM-16-127
ABT40-MM-08-052	ABT40-MM-16-152
ABT40-MM-08-077	ABT40-MM-16-177
ABT40-MM-08-102	ABT50-MM-08-088
ABT40-MM-08-127	ABT50-MM-08-138
ABT40-MM-10-052	ABT50-MM-08-188
ABT40-MM-10-077	ABT50-MM-10-088
ABT40-MM-10-102	ABT50-MM-10-138
ABT40-MM-10-127	ABT50-MM-10-188
ABT40-MM-12-052	ABT50-MM-12-088
ABT40-MM-12-077	ABT50-MM-12-138
ABT40-MM-12-102	ABT50-MM-12-188
ABT40-MM-12-127	ABT50-MM-16-088
ABT40-MM-12-177	ABT50-MM-16-138
ABT40-MM-16-052	ABT50-MM-16-188



ABT..

JIS B 6339 (MAS 403 BT) / BT KOMBİNE YÜZEY FREZE TUTUCULAR JIS B 6339 (MAS 403 BT) / BT FOR COMBI SHELL MILL HOLDER

ABT30-FMC-16-045	ABT40-FMC-27-160	ABT50-FMC-27-100
ABT30-FMC-22-047	ABT40-FMC-32-060	ABT50-FMC-27-130
ABT30-FMC-27-049	ABT40-FMC-32-100	ABT50-FMC-27-160
ABT30-FMC-32-052	ABT40-FMC-32-130	ABT50-FMC-32-070
ABT40-FMC-16-055	ABT40-FMC-32-160	ABT50-FMC-32-100
ABT40-FMC-16-100	ABT40-FMC-40-060	ABT50-FMC-32-130
ABT40-FMC-16-130	ABT50-FMC-16-070	ABT50-FMC-32-160
ABT40-FMC-16-160	ABT50-FMC-16-100	ABT50-FMC-40-070
ABT40-FMC-22-055	ABT50-FMC-16-130	ABT50-FMC-40-100
ABT40-FMC-22-100	ABT50-FMC-16-160	ABT50-FMC-40-130
ABT40-FMC-22-130	ABT50-FMC-22-070	ABT50-FMC-40-160
ABT40-FMC-22-160	ABT50-FMC-22-100	
ABT40-FMC-27-055	ABT50-FMC-22-130	
ABT40-FMC-27-100	ABT50-FMC-22-160	
ABT40-FMC-27-130	ABT50-FMC-27-070	



ABT..

BT BLANK TUTUCULAR BT BLANK HOLDERS

ABT40-BL41-63-250
ABT50-BL41-97-315



ABBT..

JIS B 6339 (MAS 403 BT) / AK-PLUS VELDON ŞAFTLI TAKIM TUTUCULAR / JIS B 6339 (MAS 403 BT) / AK-PLUS END MILL HOLDER

ABBT30-EM-06-050
ABBT30-EM-08-050
ABBT30-EM-10-050
ABBT30-EM-12-050
ABBT30-EM-14-050
ABBT30-EM-16-063
ABBT30-EM-18-063
ABBT40-EM-06-100
ABBT40-EM-06-160
ABBT40-EM-08-050
ABBT40-EM-08-100
ABBT40-EM-08-160
ABBT40-EM-10-063
ABBT40-EM-10-100

ABBT40-EM-12-063
ABBT40-EM-12-100
ABBT40-EM-14-063
ABBT40-EM-14-100
ABBT40-EM-16-063
ABBT40-EM-16-100
ABBT40-EM-16-160
ABBT40-EM-18-063
ABBT40-EM-18-100
ABBT40-EM-20-063
ABBT40-EM-20-100
ABBT40-EM-25-090
ABBT40-EM-25-130
ABBT40-EM-25-160

ABBT40-EM-32-100
ABBT40-EM-32-160
ABBT40-EM-40-120
ABBT50-EM-06-063
ABBT50-EM-06-100
ABBT50-EM-06-160
ABBT50-EM-08-063
ABBT50-EM-08-100
ABBT50-EM-10-100
ABBT50-EM-10-160
ABBT50-EM-12-080
ABBT50-EM-12-100
ABBT50-EM-12-160
ABBT50-EM-14-080

ABBT50-EM-14-100
ABBT50-EM-16-080
ABBT50-EM-16-100
ABBT50-EM-16-160
ABBT50-EM-18-100
ABBT50-EM-18-160
ABBT50-EM-20-100
ABBT50-EM-20-160
ABBT50-EM-25-100
ABBT50-EM-25-160
ABBT50-EM-32-105
ABBT50-EM-32-160
ABBT50-EM-40-110
ABBT50-EM-40-160



ABBT..

**JIS B 6339 (MAS 403 BT) / AK-PLUS ER
SIKMA PENSLİ TAKIM TUTUCULAR
JIS B 6339 (MAS 403 BT) / AK-PLUS COLLET CHUCKS ER**

ABBT30-ER-16-070
ABBT30-ER-16-100
ABBT30-ER-25-070
ABBT30-ER-25-100
ABBT40-ER-16-063
ABBT40-ER-16-100
ABBT40-ER-16-130
ABBT40-ER-25-060
ABBT40-ER-25-100
ABBT40-ER-25-130
ABBT40-ER-32-070
ABBT40-ER-32-100
ABBT40-ER-32-160
ABBT40-ER-40-080
ABBT40-ER-40-100
ABBT40-ER-40-160

ABBT50-ER-16-070
ABBT50-ER-16-100
ABBT50-ER-16-160
ABBT50-ER-25-070
ABBT50-ER-25-100
ABBT50-ER-25-160
ABBT50-ER-32-070
ABBT50-ER-32-100
ABBT50-ER-32-130
ABBT50-ER-32-160
ABBT50-ER-40-080
ABBT50-ER-40-100
ABBT50-ER-40-160



ABBT..

**JIS B 6339 (MAS 403 BT) / AK-PLUS ER
MINİ SIKMA PENSLİ TAKIM TUTUCULARI
JIS B 6339 (MAS 403 BT) / AK-PLUS COLLET CHUCKS ER MINI**

ABBT40-ER-16-100-M
ABBT40-ER-16-130-M
ABBT50-ER-16-130-M
ABBT50-ER-16-160-M



ABBT..

**JIS B 6339 (MAS 403 BT) / AK-PLUS YÜZEY FREZE
TAKIM TUTUCULAR
JIS B 6339 (MAS 403 BT) / AK-PLUS SHELL MILL HOLDER**

ABBT30-FM-16-040
ABBT30-FM-22-040
ABBT30-FM-27-050
ABBT30-FM-32-050
ABBT40-FM-16-100
ABBT40-FM-22-100
ABBT40-FM-27-100
ABBT40-FM-32-100
ABBT50-FM-16-050
ABBT50-FM-16-100
ABBT50-FM-16-160
ABBT50-FM-22-055
ABBT50-FM-22-100
ABBT50-FM-22-160
ABBT50-FM-27-055
ABBT50-FM-27-100

ABBT50-FM-27-160
ABBT50-FM-32-100
ABBT50-FM-32-160
ABBT50-FM-40-100
ABBT50-FM-40-160
ABBT50-FM-60-080



ABBT..

**JIS B 6339 (MAS 403 BT) / AK-PLUS MODÜLER
PARMAK FREZE TUTUCULAR
JIS B 6339 (MAS 403 BT) / AK-PLUS MILLING CUTTER
ARBORS FOR SCREW-ON TYPE MILLING CUTTERS**

ABBT40-MM-08-052
ABBT40-MM-08-077
ABBT40-MM-08-102
ABBT40-MM-08-127
ABBT40-MM-10-052
ABBT40-MM-10-077
ABBT40-MM-10-102
ABBT40-MM-10-127
ABBT40-MM-12-052
ABBT40-MM-12-077
ABBT40-MM-12-102
ABBT40-MM-12-127
ABBT40-MM-12-177
ABBT40-MM-16-052
ABBT40-MM-16-077
ABBT40-MM-16-102
ABBT40-MM-16-127

ABBT40-MM-16-152
ABBT40-MM-16-177
ABBT50-MM-08-138
ABBT50-MM-08-188
ABBT50-MM-10-088
ABBT50-MM-10-138
ABBT50-MM-10-188
ABBT50-MM-12-088
ABBT50-MM-12-138
ABBT50-MM-12-188
ABBT50-MM-16-088
ABBT50-MM-16-138
ABBT50-MM-16-188



ABBT..

**JIS B 6339 (MAS 403 BT) / AK-PLUS KOMBİNE YÜZEY FREZE TUTUCULAR
JIS B 6339 (MAS 403 BT) / AK-PLUS COMBI SHELL MILL HOLDER**

ABBT30-FMC-16-045
ABBT30-FMC-22-047
ABBT30-FMC-27-049
ABBT30-FMC-32-052
ABBT40-FMC-16-055
ABBT40-FMC-16-100
ABBT40-FMC-16-160

ABBT40-FMC-22-055
ABBT40-FMC-22-100
ABBT40-FMC-27-055
ABBT40-FMC-27-100
ABBT40-FMC-32-060
ABBT40-FMC-32-100
ABBT40-FMC-40-060

ABBT50-FMC-16-070
ABBT50-FMC-16-100
ABBT50-FMC-16-130
ABBT50-FMC-16-160
ABBT50-FMC-22-070
ABBT50-FMC-22-100
ABBT50-FMC-22-130

ABBT50-FMC-22-160
ABBT50-FMC-27-070
ABBT50-FMC-27-100
ABBT50-FMC-27-130
ABBT50-FMC-27-160
ABBT50-FMC-32-070
ABBT50-FMC-32-100

ABBT50-FMC-32-130
ABBT50-FMC-32-160
ABBT50-FMC-40-070
ABBT50-FMC-40-100
ABBT50-FMC-40-130
ABBT50-FMC-40-160

Tutucular / Holders



ASK..

DIN ISO 7388-1 (SK DIN 69871)
SK VELDON SAFTLI TAKIM TUTUCULAR
DIN ISO 7388-1 (SK DIN 69871)
SK END MILL HOLDER

ASK40-EM-08-050
ASK40-EM-10-063
ASK40-EM-12-050
ASK40-EM-12-100
ASK40-EM-16-063
ASK40-EM-16-100
ASK40-EM-20-063
ASK40-EM-20-100
ASK40-EM-25-090
ASK40-EM-32-100
ASK40-EM-40-120



ASK..

DIN ISO 7388-1 (SK DIN 69871)
SK ER SIKMA PENSLİ TAKIM TUTUCULAR
DIN ISO 7388-1 (SK DIN 69871)
SK COLLET CHUCKS ER

ASK40-ER-16-063
ASK40-ER-25-060
ASK40-ER-25-100
ASK40-ER-32-070
ASK40-ER-32-100
ASK40-ER-32-160
ASK40-ER-40-080
ASK40-ER-40-100
ASK40-ER-40-160



ASK..

DIN ISO 7388-1 (SK DIN 69871)
SK YÜZEY FREZE TAKIM TUTUCULAR
DIN ISO 7388-1 (SK DIN 69871)
SK SHELL MILL HOLDER

ASK40-FM-16-055
ASK40-FM-16-100
ASK40-FM-22-055
ASK40-FM-27-055
ASK40-FM-32-060
ASK40-FM-40-060



AHSK..

ISO 12164-1 / HSK ER MİNİ SIKMA PENSLİ
TAKIM TUTUCULAR
ISO 12164-1 / HSK COLLET CHUCKS ER MİNİ

AHSKA50-ER-16-100-M
AHSKA63-ER-16-100-M
AHSKA63-ER-16-160-M



AHSK..

ISO 12164-1 / HSK VELDON SAFTLI TAKIM TUTUCULAR
ISO 12164-1 / HSK END MILL HOLDER

AHSKA32-EM-06-060
AHSKA32-EM-08-060
AHSKA32-EM-10-065
AHSKA32-EM-12-065
AHSKA40-EM-06-060
AHSKA40-EM-08-060
AHSKA40-EM-10-060
AHSKA40-EM-12-070
AHSKA40-EM-16-075
AHSKA50-EM-06-065
AHSKA50-EM-08-065
AHSKA50-EM-10-065
AHSKA50-EM-12-080
AHSKA50-EM-14-080
AHSKA50-EM-16-080
AHSKA50-EM-18-080
AHSKA50-EM-20-080
AHSKA63-EM-06-065
AHSKA63-EM-06-075

AHSKA63-EM-06-100
AHSKA63-EM-06-160
AHSKA63-EM-08-075
AHSKA63-EM-08-100
AHSKA63-EM-08-160
AHSKA63-EM-10-075
AHSKA63-EM-10-100
AHSKA63-EM-10-160
AHSKA63-EM-12-080
AHSKA63-EM-12-100
AHSKA63-EM-12-130
AHSKA63-EM-12-160
AHSKA63-EM-14-080
AHSKA63-EM-14-130
AHSKA63-EM-16-080
AHSKA63-EM-16-130
AHSKA63-EM-16-160
AHSKA63-EM-18-080
AHSKA63-EM-20-080

AHSKA63-EM-20-100
AHSKA63-EM-20-130
AHSKA63-EM-20-160
AHSKA63-EM-25-110
AHSKA63-EM-32-110
AHSKA80-EM-06-080
AHSKA80-EM-08-080
AHSKA80-EM-10-080
AHSKA80-EM-12-080
AHSKA80-EM-14-080
AHSKA80-EM-16-100
AHSKA80-EM-18-100
AHSKA80-EM-20-100
AHSKA80-EM-25-100
AHSKA80-EM-32-110
AHSKA100-EM-06-080
AHSKA100-EM-06-160
AHSKA100-EM-08-080
AHSKA100-EM-08-160

AHSKA100-EM-10-080
AHSKA100-EM-10-160
AHSKA100-EM-12-080
AHSKA100-EM-12-160
AHSKA100-EM-14-080
AHSKA100-EM-14-160
AHSKA100-EM-16-100
AHSKA100-EM-16-160
AHSKA100-EM-18-100
AHSKA100-EM-18-160
AHSKA100-EM-20-100
AHSKA100-EM-20-160
AHSKA100-EM-25-100
AHSKA100-EM-25-160
AHSKA100-EM-32-100
AHSKA100-EM-32-160
AHSKA100-EM-40-105
AHSKA100-EM-40-160



AHSK..

ISO 12164-1 / HSK ER SIKMA PENSLİ TAKIM TUTUCULAR
ISO 12164-1 / HSK COLLET CHUCKS ER

AHSKA32-ER-16-080
AHSKA32-ER-25-080
AHSKA40-ER-16-060
AHSKA40-ER-25-060
AHSKA40-ER-32-100
AHSKA50-ER-16-100
AHSKA50-ER-25-100
AHSKA50-ER-32-100

AHSKA63-ER-16-075
AHSKA63-ER-16-100
AHSKA63-ER-16-160
AHSKA63-ER-25-100
AHSKA63-ER-25-160
AHSKA63-ER-32-075
AHSKA63-ER-32-100
AHSKA63-ER-32-160

AHSKA63-ER-40-085
AHSKA63-ER-40-100
AHSKA63-ER-40-160
AHSKA80-ER-32-100
AHSKA80-ER-40-120
AHSKA100-ER-16-100
AHSKA100-ER-16-160
AHSKA100-ER-25-100

AHSKA100-ER-25-160
AHSKA100-ER-32-100
AHSKA100-ER-32-160
AHSKA100-ER-40-120
AHSKA100-ER-40-160

ISO 12164-1 / HSK YÜZEY FREZE TAKIM TUTUCULAR
ISO 12164-1 / HSK SHELL MILL HOLDER



AHSK..

AHSA50-FM-16-050	AHSA80-FM-22-100
AHSA50-FM-16-100	AHSA80-FM-27-100
AHSA50-FM-22-060	AHSA80-FM-32-100
AHSA50-FM-22-100	AHSA80-FM-40-100
AHSA50-FM-27-060	AHSA100-FM-16-160
AHSA50-FM-32-060	AHSA100-FM-22-100
AHSA63-FM-16-050	AHSA100-FM-22-160
AHSA63-FM-16-100	AHSA100-FM-27-100
AHSA63-FM-22-050	AHSA100-FM-27-160
AHSA63-FM-22-100	AHSA100-FM-32-100
AHSA63-FM-27-060	AHSA100-FM-32-160
AHSA63-FM-27-100	AHSA100-FM-40-100
AHSA63-FM-32-060	AHSA100-FM-40-160
AHSA63-FM-32-100	

ISO 12164-1 / HSK MODÜLER PARMAK FREZE TUTUCULAR
ISO 12164-1 / HSK MILLING CUTTER ARBORS FOR SCREW-ON TYPE MILLING CUTTERS



AHSK..

AHSA63-MM-10-076	AHSA100-MM-12-079
AHSA63-MM-10-126	AHSA100-MM-12-129
AHSA63-MM-10-176	AHSA100-MM-12-179
AHSA63-MM-12-076	AHSA100-MM-16-079
AHSA63-MM-12-101	AHSA100-MM-16-129
AHSA63-MM-12-126	AHSA100-MM-16-179
AHSA63-MM-12-176	
AHSA63-MM-16-076	
AHSA63-MM-16-101	
AHSA63-MM-16-126	
AHSA63-MM-16-176	
AHSA100-MM-10-079	
AHSA100-MM-10-129	
AHSA100-MM-10-179	

ISO 12164-1 / HSK KOMBİNE YÜZEY FREZE TUTUCULAR / ISO 12164-1 / HSK COMBI SHELL MILL HOLDER



AHSK..

AHSA32-FMC-16-055	AHSA63-FMC-22-060	AHSA80-FMC-27-060	AHSA100-FMC-27-060
AHSA32-FMC-22-055	AHSA63-FMC-22-100	AHSA80-FMC-32-060	AHSA100-FMC-27-100
AHSA32-FMC-27-065	AHSA63-FMC-22-160	AHSA80-FMC-40-070	AHSA100-FMC-27-130
AHSA40-FMC-16-050	AHSA63-FMC-27-060	AHSA100-FMC-16-060	AHSA100-FMC-27-160
AHSA40-FMC-22-050	AHSA63-FMC-27-100	AHSA100-FMC-16-100	AHSA100-FMC-27-200
AHSA40-FMC-27-065	AHSA63-FMC-32-060	AHSA100-FMC-16-130	AHSA100-FMC-32-060
AHSA50-FMC-16-050	AHSA63-FMC-32-100	AHSA100-FMC-16-160	AHSA100-FMC-32-100
AHSA50-FMC-22-050	AHSA63-FMC-32-160	AHSA100-FMC-16-200	AHSA100-FMC-32-130
AHSA50-FMC-27-065	AHSA63-FMC-40-070	AHSA100-FMC-22-060	AHSA100-FMC-32-160
AHSA50-FMC-32-065	AHSA63-FMC-40-100	AHSA100-FMC-22-100	AHSA100-FMC-40-070
AHSA63-FMC-16-060	AHSA63-FMC-40-160	AHSA100-FMC-22-130	AHSA100-FMC-40-100
AHSA63-FMC-16-100	AHSA80-FMC-16-060	AHSA100-FMC-22-160	AHSA100-FMC-40-130
AHSA63-FMC-16-160	AHSA80-FMC-22-060	AHSA100-FMC-22-200	AHSA100-FMC-40-160

HSK BLANK TUTUCULAR
HSK BLANK HOLDERS



AHSK..

AHSA32-BL41-025-150
AHSA32-BL41-032-100
AHSA40-BL41-040-150
AHSA40-BL41-070-100
AHSA50-BL41-050-150
AHSA50-BL41-075-070
AHSA63-BL41-063-160
AHSA63-BL41-080-250
AHSA63-BL41-120-160
AHSA80-BL41-080-250
AHSA80-BL41-090-310
AHSA100-BL41-097-250
AHSA100-BL41-120-315



AC..

ISO 26623-1 / POLİGONAL ŞAFTLI VELDON ŞAFTLI TAKIM TUTUCULAR
ISO 26623-1 / POLYGONAL SHANK END MILL HOLDER

AC3-EM-06-046	AC5-EM-12-060	AC6-EM-10-100	AC6-EM-40-100
AC3-EM-08-046	AC5-EM-14-060	AC6-EM-12-065	AC8-EM-06-070
AC3-EM-10-050	AC5-EM-16-060	AC6-EM-12-100	AC8-EM-08-070
AC3-EM-12-055	AC5-EM-18-060	AC6-EM-14-065	AC8-EM-10-070
AC4-EM-06-050	AC5-EM-20-060	AC6-EM-14-100	AC8-EM-12-070
AC4-EM-08-050	AC5-EM-25-080	AC6-EM-16-065	AC8-EM-14-070
AC4-EM-10-050	AC6-EM-06-075	AC6-EM-16-085	AC8-EM-16-070
AC4-EM-12-055	AC6-EM-06-100	AC6-EM-16-100	AC8-EM-18-070
AC4-EM-14-055	AC6-EM-08-055	AC6-EM-18-065	AC8-EM-20-070
AC4-EM-16-060	AC6-EM-08-075	AC6-EM-20-065	AC8-EM-25-090
AC5-EM-06-050	AC6-EM-08-100	AC6-EM-20-100	AC8-EM-32-100
AC5-EM-08-050	AC6-EM-10-060	AC6-EM-25-080	AC8-EM-40-110
AC5-EM-10-055	AC6-EM-10-075	AC6-EM-32-090	AC8-EM-50-120

ISO 26623-1 / POLİGONAL ŞAFTLI ER SIKMA PENSLİ TAKIM TUTUCULAR
ISO 26623-1 / POLYGONAL SHANK COLLET CHUCKS ER



AC..

AC3-ER-16-045	AC6-ER-16-060	AC6-ER-40-100
AC4-ER-16-070	AC6-ER-16-100	AC6-ER-40-130
AC4-ER-25-055	AC6-ER-16-130	AC8-ER-32-070
AC4-ER-32-055	AC6-ER-25-060	AC8-ER-32-100
AC5-ER-16-055	AC6-ER-25-100	AC8-ER-32-160
AC5-ER-16-100	AC6-ER-25-130	AC8-ER-40-070
AC5-ER-16-130	AC6-ER-32-060	AC8-ER-40-100
AC5-ER-25-055	AC6-ER-32-100	AC8-ER-40-160
AC5-ER-25-100	AC6-ER-32-130	
AC5-ER-32-100	AC6-ER-40-065	

ISO 26623-1 / POLİGONAL ŞAFTLI ER MİNİ SIKMA PENSLİ TAKIM TUTUCULAR
ISO 26623-1 / POLYGONAL SHANK COLLET CHUCKS ER MINI



AC..

AC4-ER-16-070-M
AC5-ER-16-100-M
AC6-ER-16-100-M
AC6-ER-16-130-M

Tutucular / Holders



AC..

ISO 26623-1 / POLİGONAL ŞAFTLI
YÜZEY FREZE TAKIM TUTUCULAR
ISO 26623-1 / POLYGON SHANK
SHELL MILL HOLDER

AC3-FM-16-030	AC6-FM-22-050
AC4-FM-16-035	AC6-FM-22-100
AC4-FM-22-040	AC6-FM-27-050
AC5-FM-16-035	AC6-FM-27-100
AC5-FM-16-070	AC6-FM-32-060
AC5-FM-22-040	AC8-FM-27-100
AC5-FM-22-070	AC8-FM-32-100
AC5-FM-27-040	AC8-FM-40-060
AC6-FM-16-035	
AC6-FM-16-100	



AC..

ISO 26623-1 / POLİGONAL ŞAFTLI MODÜLER
PARMAK FREZE TUTUCULAR
ISO 26623-1 / POLYGON SHANK MILLING CUTTER
ARBORS FOR SCREW-ON TYPE MILLING CUTTERS

AC3-MM-08-030	AC5-MM-10-050	AC6-MM-12-050
AC3-MM-10-030	AC5-MM-10-075	AC6-MM-12-075
AC3-MM-12-035	AC5-MM-12-050	AC6-MM-16-050
AC3-MM-16-040	AC5-MM-12-075	AC6-MM-16-075
AC4-MM-08-030	AC5-MM-16-050	AC8-MM-08-085
AC4-MM-10-035	AC5-MM-16-075	AC8-MM-10-085
AC4-MM-12-040	AC6-MM-08-050	AC8-MM-12-085
AC4-MM-16-045	AC6-MM-08-075	AC8-MM-16-085
AC5-MM-08-050	AC6-MM-10-050	
AC5-MM-08-075	AC6-MM-10-075	



AC..

ISO 26623-1 / POLİGONAL ŞAFTLI
KOMBİNE YÜZEY FREZE TUTUCULAR
ISO 26623-1 / POLYGON SHANK COMBI
SHELL MILL HOLDER

AC3-FMC-16-045	AC6-FMC-22-055
AC4-FMC-16-045	AC6-FMC-22-100
AC4-FMC-22-050	AC6-FMC-27-055
AC5-FMC-16-045	AC6-FMC-27-100
AC5-FMC-16-070	AC6-FMC-32-055
AC5-FMC-22-045	AC6-FMC-40-060
AC5-FMC-22-070	AC8-FMC-16-060
AC5-FMC-27-055	AC8-FMC-22-060
AC5-FMC-32-055	AC8-FMC-27-065
AC6-FMC-16-050	AC8-FMC-32-065
AC6-FMC-16-100	AC8-FMC-40-070



AC..

ISO 26623-1 / POLİGONAL
ŞAFTLI DİKDÖRTGEN
SAPLIKATER TUTUCULAR
ISO 26623-1 / POLYGON
SHANK TOOLHOLDER AXIAL

AC4-ASHR-16-1
AC5-ASHR-20-1
AC6-ASHR-20-1
AC6-ASHR-25-1
AC8-ASHR-32-1



AC..

ISO 26623-1 / POLİGONAL
ŞAFTLI UZATMA
ADAPTÖR TUTUCULAR
ISO 26623-1 / POLYGON
SHANK EXTENSION

AC6-EX-C6-100



AC..

POLYGON SHANK BLANK TUTUCULAR
POLYGON SHANK BLANK HOLDERS

AC3-BL41-032-090	AC6-BL41-063-195
AC3-BL41-032-125	AC6-BL41-063-310
AC4-BL41-040-045	AC6-BL41-080-250
AC4-BL41-040-165	AC8-BL41-080-055
AC4-BL41-052-065	
AC4-BL41-070-100	
AC5-BL41-050-050	
AC5-BL41-050-175	
AC5-BL41-075-070	
AC6-BL41-063-048	
AC6-BL41-063-100	



APCH..

MINİ CUT TUTUCULAR
MINI CUT HOLDERS

APCH-16-4-L110-H	APCH-25-4-L110-H
APCH-16-5-L110-H	APCH-25-5-L110-H
APCH-16-6-L110-H	APCH-25-6-L110-H
APCH-16-7-L110-H	APCH-25-7-L110-H
APCH-20-4-L110-H	
APCH-20-5-L110-H	
APCH-20-6-L110-H	
APCH-20-7-L110-H	
APCH-22-4-L110-H	
APCH-22-5-L110-H	
APCH-22-6-L110-H	
APCH-22-7-L110-H	

Vidalı Takım Tutucular / Screwed Tool Holders



AVTT..

Vidalı Takım Tutucular
Screwed Tool Holders

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

Döner Broş Açma Takımları / Rotary Broach Tool Holder



ABTH..

Döner Broş Açma Takımları
Rotary Broach Tool Holder

ABTH-D08-W25-L125
ABTH-D10-W25-L125

Poligonal Şaftlı Yekpare Takımlar / Monoblock Tools With Polygonal Shank

18/19

 AC..	ISO 26623-1 / POLİGONAL ŞAFTLI YEKPARE TAKIMLAR ISO 26623-1 / MONOBLOCK TOOLS WITH POLYGONAL SHANK AC4 TCLNR/L 27060 12 H AC5 TCLNR/L 35060 12 H AC6 TCLNR/L 45065 12 H AC8 TCLNR/L 55080 12 H	 AC..	ISO 26623-1 / POLİGONAL ŞAFTLI YEKPARE TAKIMLAR ISO 26623-1 / MONOBLOCK TOOLS WITH POLYGONAL SHANK AC6 TCMNN 00115 12 AC8 TCMNN 00150 16	 AC..	ISO 26623-1 / POLİGONAL ŞAFTLI YEKPARE TAKIMLAR ISO 26623-1 / MONOBLOCK TOOLS WITH POLYGONAL SHANK AC4 TDJNR/L 27060 15 H AC5 TDJNR/L 35060 15 H AC6 TDJNR/L 45065 15 H AC8 TDJNR/L 55080 15 H
 AC..	ISO 26623-1 / POLİGONAL ŞAFTLI YEKPARE TAKIMLAR ISO 26623-1 / MONOBLOCK TOOLS WITH POLYGONAL SHANK AC4 TDNNN 00050 11 AC4 TDNNN 00055 15 AC5 TDNNN 00060 15 AC6 TDNNN 00065 15 AC8 TDNNN 00080 15	 AC..	ISO 26623-1 / POLİGONAL ŞAFTLI YEKPARE TAKIMLAR ISO 26623-1 / MONOBLOCK TOOLS WITH POLYGONAL SHANK AC3 TSDNN 00048 12 AC4 TSDNN 00050 12 AC5 TSDNN 00060 12 AC6 TSDNN 00065 12 AC5 TSDNN 00060 15 AC6 TSDNN 00065 15 AC5 TSDNN 00065 19 AC6 TSDNN 00070 19	 AC..	ISO 26623-1 / POLİGONAL ŞAFTLI YEKPARE TAKIMLAR ISO 26623-1 / MONOBLOCK TOOLS WITH POLYGONAL SHANK AC4 TVVNN 00062 16 AC5 TVVNN 00065 16 AC6 TVVNN 00065 16 AC8 TVVNN 00080 16
 AC..	ISO 26623-1 / POLİGONAL ŞAFTLI YEKPARE TAKIMLAR ISO 26623-1 / MONOBLOCK TOOLS WITH POLYGONAL SHANK AC4 TWLNR/L 27060 08 H AC5 TWLNR/L 35060 08 H AC6 TWLNR/L 45065 08 H AC8 TWLNR/L 55080 08 H	 AC..	ISO 26623-1 / POLİGONAL ŞAFTLI YEKPARE TAKIMLAR ISO 26623-1 / MONOBLOCK TOOLS WITH POLYGONAL SHANK AC4 PCLNR/L 27050 12 H AC5 PCLNR/L 35060 12 H AC6 PCLNR/L 45065 12 H AC8 PCLNR/L 55080 12 H	 AC..	ISO 26623-1 / POLİGONAL ŞAFTLI YEKPARE TAKIMLAR ISO 26623-1 / MONOBLOCK TOOLS WITH POLYGONAL SHANK AC4 PDJNR/L 27060 15 H AC5 PDJNR/L 35060 15 H AC6 PDJNR/L 45065 15 H AC6 PDJNR/L 45165 15 H AC8 PDJNR/L 55080 15 H
 AC..	ISO 26623-1 / POLİGONAL ŞAFTLI YEKPARE TAKIMLAR ISO 26623-1 / MONOBLOCK TOOLS WITH POLYGONAL SHANK AC4 SCLCR/L 27050 12 H AC5 SCLCR/L 35060 12 H AC6 SCLCR/L 45065 12 H	 AC..	ISO 26623-1 / POLİGONAL ŞAFTLI YEKPARE TAKIMLAR ISO 26623-1 / MONOBLOCK TOOLS WITH POLYGONAL SHANK AC4 SDJCR/L 27050 11 H AC5 SDJCR/L 35060 11 H AC6 SDJCR/L 45065 11 H	 AC..	ISO 26623-1 / POLİGONAL ŞAFTLI YEKPARE TAKIMLAR ISO 26623-1 / MONOBLOCK TOOLS WITH POLYGONAL SHANK AC4 SCLCR/L 17090 12 H AC5 SCLCR/L 17090 12 H

Poligonal Şaftlı Yekpare Takımlar / Monoblock Tools With Polygonal Shank



AC..

ISO 26623-1 / POLİGONAL
ŞAFTLI YEKPARE TAKIMLAR
ISO 26623-1 / MONOBLOCK
TOOLS WITH POLYGONAL
SHANK

AC4 SDUCR/L 13080 11 H
AC4 SDUCR/L 17090 11 H
AC5 SDUCR/L 13080 11 H
AC5 SDUCR/L 17090 11 H



AC..

ISO 26623-1 / POLİGONAL
ŞAFTLI YEKPARE TAKIMLAR
ISO 26623-1 / MONOBLOCK
TOOLS WITH POLYGONAL
SHANK

AC4 TER/L 27050 16 H
AC5 TER/L 35060 16 H
AC6 TER/L 45065 16 H



AC..

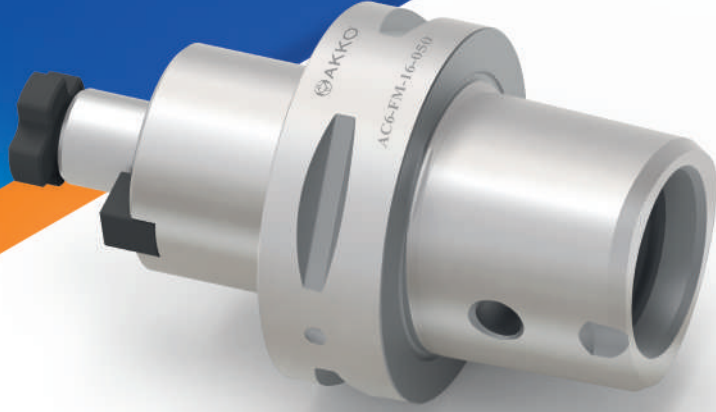
ISO 26623-1 / POLİGONAL
ŞAFTLI YEKPARE TAKIMLAR
ISO 26623-1 / MONOBLOCK
TOOLS WITH POLYGONAL
SHANK

AC4 TIR/L 14060 16 H
AC4 TIR/L 17070 16 H
AC4 TIR/L 22090 16 H
AC5 TIR/L 17070 16 H
AC5 TIR/L 22090 16 H
AC5 TIR/L 27105 16 H
AC6 TIR/L 17075 16 H
AC6 TIR/L 22090 16 H
AC6 TIR/L 27105 16 H



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

Değiştirilebilir Uçlu Takımlar,
Takım Tutucu Sistemler ve Kesici Uçlar
Indexable Tools, Tool Holder Systems and Cutting Inserts

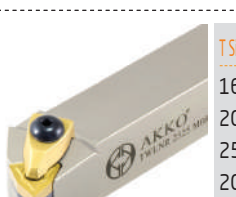


TS EN ISO 9001:2015



AKKO Metalworking Tools

Diş Çap Tornalama Katerleri / External Turning Toolholders

	T Sistem/T System 2525 M16		T Sistem/T System 2020 K12 2525 M12 3232 P12 2525 M16 3232 P16		T Sistem/T System 2020 K12 2525 M12 3232 P12 4040 S12 5050 S12 2525 M16 3232 P16
75° TCBNR / L		75° TCKNR / L		95° TCLNR / L	
	T Sistem/T System 1616 H12 2020 K12 2525 M12 3232 P12 2525 M16 3232 P16 4040 S16		T Sistem/T System 2020 K12 2525 M12 3232 P12 2525 M16 3232 P16		T Sistem/T System 2525 M11 2020 K15 2525 M15 3232 P15
50° TCMNN		40° TCZNN		107.5° TDHNR / L	
	T Sistem/T System 1616 H11 2020 K11 2525 M11 2525 M15 3232 P15 4040 S15 5050 S15		T Sistem/T System 1616 H11 2020 K11 2525 M11 2020 K15 2525 M15 3232 P15 4040 S15 5050 S15		T Sistem/T System 1616 H12 2020 K12 2525 M12 3232 P12 2525 M15 3232 P15 4040 S15
93° TDJNR / L		62.5° TDNN		45° TSDNN	
	T Sistem/T System 2020 K12 2525 M12 3232 P12 3232 P15		T Sistem/T System 2020 K12 2525 M12 3232 P12 2525 M15 3232 P15		T Sistem/T System 2020 K16 2525 M16 3232 P16 2525 M22 3232 P22 4040 S22
75° TSKNR / L		45° TSSNR / L		60° TTENN	
	T Sistem/T System 2020 K16 2525 M16 3232 P16 2525 M22 3232 P22 4040 S22		T Sistem/T System 2020 K16 2525 M16 3232 P16		T Sistem/T System 2020 K16 2525 M16 3232 P16
93° TTJNR / L		107.5° TVHNR / L		93° TVJNR / L	
	T Sistem/T System 1616 H06 2020 K06 2525 M06 2020 K08 2525 M08 3232 P08 4040 S08		T Sistem/T System 2020 K12-H 2525 M12-H 3232 P12-H		T Sistem/T System 2020 K12-H 2525 M12-H 3232 P12-H
95° TWLNR / L		75° TCBNR / L		75° TCKNR / L	
	T Sistem/T System 2020 K12-H 2525 M12-H 3232 P12-H 2525 M16-H				
95° TCLNR / L					

Dış Çap Tornalama Katerleri / External Turning Toolholders

22 / 23

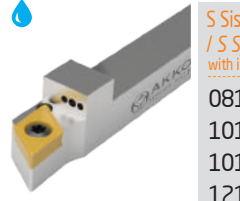
 93° TDJNR / L	T Sistem/T System 2020 K15-H 2525 M15-H 3232 P15-H	 62.5° TDNNN	T Sistem/T System 2525 M15-H new 3232 P15-H	 75° TSBNR / L	T Sistem/T System TSBNR/L 2525 M12-H TSBNR/L 2525 M15-H TSBNR/L 3232 P12-H TSBNR/L 3232 P15-H
 45° TSDNN	T Sistem/T System 2525 M12-H 3232 P12-H 2525 M15-H 3232 P15-H 4040 S15-H	 45° TSSNR / L	T Sistem/T System 2525 M12-H 3232 P12-H 2525 M15-H 3232 P15-H 4040 S15-H	 93° TTJNR / L	T Sistem/T System 2525 M16-H 3232 P16-H 2525 M22-H 3232 P22-H
 93° TVJNR / L	T Sistem/T System 2020 K16-H 2525 M16-H 3232 P16-H	 72.5° TVVNN	T Sistem/T System 2020 K16-H 2525 M16-H	 95° TWLNR/L	T Sistem/T System 2020 K06-H 2525 M06-H 3232 P06-H 2020 K08-H 2525 M08-H 3232 P08-H
 60° MTENN	M Sistem/M System 2020 K16 2525 M16 3232 P16 2525 M22 3232 P22 4040 S22	 93° MTJNR / L	M Sistem/M System 2020 K16 2525 M22 2525 M16 3232 P22 3232 P16 4040 S22	 95° MWLNR / L	M Sistem/M System 1616 H06 2020 K08 2020 K06 2525 M08 2525 M06 3232 P08
 50° MWMNN	M Sistem/M System 1616 H06 2020 K06 2525 M06 2020 K08 2525 M08 3232 P08	 75° PCBNR / L	P Sistem/P System 2020 K12C 2525 M12C 3232 P12C 2525 M16C 3232 P16C 2525 P19C 3232 P19C 4040 S19C 4040 S25C 5050 S25C	 95° PCLNR / L	P Sistem/P System 1616 H09 3232 P16C 2020 K09 2525 M19C 2525 M09 3232 P19C 1616 H12 4040 S19C 2020 K12C 5050 S19C 2525 M12C 4040 S25C 3232 P12C 5050 S25C 2525 M16C
 50° PCMNN	P Sistem/P System 2020 K12C 2525 M12C 3232 P12C 2525 M16C 3232 P16C 3232 P19C 4040 S19C 5050 S19C 4040 S25C	 93° PDJNR / L	P Sistem/P System 1616 H11 2020 K11 2525 M11 2020 K15C 2525 M15C 3232 P15C 4040 S15C	 62.5° PDNNN	P Sistem/P System 1616 H11 2020 K11 2525 M11 2020 K15C 2525 M15C 3232 P15C

Dış Çap Tornalama Katerleri / External Turning Toolholders

 P Sistem/P System 4040 R25 5050 T32 45° PRDCN	 P Sistem/P System 1616 H09 3232 P19C 2020 K09 4040 S19C 2020 K12C 5050 S19C 2525 M12C 4040 S25C 3232 P12C 5050 S25C 2525 M15 5050 S2507C 3232 P15C 75° PSBNR / L	 P Sistem/P System 1616 H09 3232 P19C 2020 K12C 4040 S19C 2525 M12C 5050 S19C 3232 P12C 4040 S25C 2020 K15 5050 S25C 2525 M15C 45° PSDNN
 P Sistem/P System 2020 K09 3232 P19C 2020 K12C 4040 S19C 2525 M12C 4040 S25C 3232 P12C 5050 S25C 2525 M15C 3232 P15C 75° PSKNR / L	 P Sistem/P System 1616 H09 3232 P12C 2020 K09 3232 P15C 2020 K12C 3232 P19C 2525 M12C 4040 S19C 4040 S25C 45° PSSNR / L	
 P Sistem/P System 1616 H16 2525 2020 K16 M22C 2525 M16 3232 P22C 3232 P16 4040 S27C 90° PTFNR / L	 P Sistem/P System 1010 E11 2525 M22C 1212 F11 3232 P22C 1616 H11 4040 S27C 1616 H16 2020 K16 2525 M16 3232 P16 90° PTGNR / L	 P Sistem/P System 1010 E11 1212 F11 1616 H11 1616 H16 2020 K16 2525 M16 3232 P16 2525 M22C 3232 P22C 4040 S27C 93° PTJNR / L
 P Sistem/P System 1616 H16 2020 K16 2525 M16 3232 P16 2525 M22C 3232 P22C 60° PTTNR / L	 P Sistem/P System 1616 H06 2020 K06 2525 M06 1616 H08 2020 K08C 2525 M08C 3232 P08C 3232 P06 95° PWLNR / L	 P Sistem/P System 1010 K11-S 1212 K11-S 1616 K11-S 93° PDJCR/L
P-Sistem İçten Soğutma Kanallı Dış Torna Katerleri / P-System External Turning Toolholders With Coolant Hole		
 P Sistem/P System 2020 K12-H 2525 M12-H 3232 P12-H 3232 P16-H 3232 P19-H 95° PCLNR/L	 P Sistem/P System 2020 K15-H 2525 M15-H 3232 P15-H 93° PDJNR/L	 P Sistem/P System 2525 M15-H 93° PDNNN
 P Sistem/P System 2020 K08-H 2525 M08-H 95° PWLNR/L	 C Sistem/C System 2020 K16 2525 M16 3232 P16 4040 S16 93° CKJNR / L	 C Sistem Seramik C System Ceramic 2525 M1207C 3232 P1207C 2525 M1607C 95° CCLNR / L

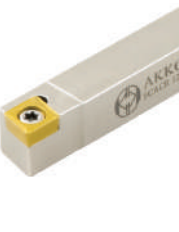
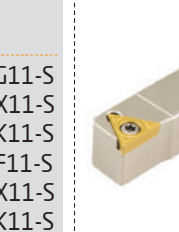
Dış Çap Tornalama Katerleri / External Turning Toolholders

24 / 25

 C Sistem Seramik C System Ceramic 2525 M1107C 2525 M1507C 3232 P1507C 93° CDJNR / L	 C Sistem Seramik C System Ceramic 2525 M1107C 62.5° CDNNN	 C Sistem Seramik C System Ceramic 2020 K06CV 2525 M06CV 3225 P06CV 4040 S06CV 2020 K09CV 2525 M09CV 3225 P09CV 4040 S09CV 2525 M12CV 3225 P12CV 4040 S12CV -° CRDCN
 C Sistem Seramik C System Ceramic 3232 P06CVK 4040 R06CVK 3232 P09CVK 4040 R09CVK 3232 P12CVK 4040 R12CVK 93° CRDCN	 C Sistem Seramik C System Ceramic 3225 P06CV 3225 P09CV 3225 P12CV - CRDCR / L	 C Sistem Seramik C System Ceramic 2525 M1207C 3232 P1207C 45° CSDNN
 C Sistem Seramik C System Ceramic 2525 M1207C 3232 P1207C 75° CSKNR / L	 C Sistem Seramik C System Ceramic 2525 M1207C 3232 P1207C 75° CSRNR / L	 C Sistem Seramik C System Ceramic 2525 M1207C 3232 P1207C 45° CSSNR / L
 C Sistem Seramik C System Ceramic 2525 M1607C 3232 P1607C 93° CTJNR / L	 S Sistem/S System 0808 E06 1010 E06 1212 F09 1616 H09 2020 K09 2020 K12 2525 M12 90° SCACR / L	 S Sistem/S System 0808 E06 1010 E06 1212 F06 1010 E09 1212 F09 1212 M09 1212 M09 1616 H09 2020 K09 2525 M09 1616 H12 2020 K12 2525 M12 95° SCLCR / L new
 S Sistem İsviçre Tipi / S System Swiss Type with internal coolant hole 1212 K09-SHC 1616 K09-SHC 95° SCLCR / L	 S Sistem/S System 0808 E06 1010 E06 1212 F06 1212 F09 1616 H09 2020 K12 2525 M12 50° SCMCN	 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 1212 F11 1616 H11 2020 K11 2525 M 11 3232 P11 93° SDJCR / L	 S Sistem İsviçre Tipi / S System Swiss Type with internal coolant hole 0810 G07-SHC 1010 K07-SHC 1012 K11-SHC 1212 K11-SHC 1616 K11-SHC 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

Dış Çap Tornalama Katerleri / External Turning Toolholders

 -° SRDCN	S Sistem/S System 1616 H06 1616 H10C 2525 M16C 2020 K06 2020 K10C 3232 P16C 2525 M06 2525 M10C 2525 M20C 1616 H08C 3232 P10C 3232 P20C 2020 K08C 2020 K12C 3232 P25C 2525 M08C 2525 M12C 3232 P32C 3232 P12C	 -° SRDCR / L	S Sistem/S System SRDCR/L 3232 T06 SRDCR/L 3232 P12C SRDCR/L 3232 P16C		
 -° SRGCR / L	S Sistem/S System 1616 H06 1616 H10C 2020 K12C 2020 K06 2020 K10C 2525 M12C 1616 H08C 2525 M10C 3232 P12C 2020 K08C 3232 P10C 2525 M08C	 20° SRHCR / L	S Sistem/S System 2525 K06 2525 K08 2525 K10 2525 K12 2525 K16	 -° SRXCR / L	S Sistem/S System 3232 X08C 3232 X10C 3232 X12C
 45° SSDCN	S Sistem/S System 1212 F09 1616 H09 2020 K09 1616 H12 2020 K12 2525 M12	 45° SSSCR / L	S Sistem/S System 1212 F09 1616 H12 1616 H09 2020 K12 2020 K09 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
 90° STGCR / 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 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 1616 H16 2020 K16 2525 M16 3232 P16	 -° SVACR / L	S Sistem/S System 1212 K11 1616 K11 2020 K11	 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

 S Sistem İsviçre Tipi / S System Swiss Type with internal coolant hole 1212 K11-SHC 1616 K11-SHC 93° SVJCR / L	 S Sistem/S System 1212 F11 1616 H11 2020 K11 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 İsviçre Tipi / S System Swiss Type 0808 X06-S 1212 K09-S 1010 K06-S 1616 F09-S 1212 G06-S 1616 K09-S 1212 K06-S 2020 K09-S 1616 F06-S 1616 K06-S 1212 G09-S 90° SCACR / L	 S Sistem İsviçre Tipi / S System Swiss Type 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 95° SCLCR / L	 S Sistem İsviçre Tipi / S System Swiss Type 0808 X07-S 1212 K11-S 1010 K07-S 1616 F11-S 1212 G07-S 1616 K11-S 1212 K07-S 2020 K11-S 1616 F07-S 1616 K07-S 1212 G11-S 90° SDACR / L
 S Sistem İsviçre Tipi / S System Swiss Type 0808 X07-S 1212 G11-S 1010 X07-S 1212 X11-S 1212 G07-S 1212 K11-S 1212 X07-S 1616 F11-S 1616 F07-S 1616 X11-S 1616 X07-S 1616 K11-S 2020 X07-S 2020 X11-S 93° SDJCR / L	 S Sistem İsviçre Tipi / S System Swiss Type 1216 K11-S 1616 K11-S 1216 K16-S 1616 K16-S 91° STGCR / L	 S Sistem İsviçre Tipi / S System Swiss Type with internal coolant hole STGCR/L 1216 K16-SHC STGCR/L 1616 K16-SHC 90° STGCR / L
 S Sistem İsviçre Tipi / S System Swiss Type 1616 K11-S 93° SVJBR / L	 S Sistem İsviçre Tipi / S System Swiss Type 0808 X11-S 2020 K11-S 1010 K11-S 1212 K16-S 1212 G11-S 1616 K16-S 1212 K11-S 1616 F11-S 1616 K11-S 90° SVACR / L	 S Sistem İsviçre Tipi / S System Swiss Type 0808 X11-S 1010 K11-S 1212 G11-S 1212 K11-S 1616 F11-S 1616 K11-S 2020 K11-S 1616 K16-S 2020 K16-S 93° SVJCR / L

 SEC Tools 1212-L84-H 1616-L90-H - ASTB	 SEC Tools 12X43.3-06-H 16X43.3-06-H 12X43.3-09-H 16X43.3-09-H - SCLCR / L	 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 93° SDJCR / L
 SEC Tools 12-43.3-11 12-43.3-11-H 16-43.3-11 16-43.3-11-H 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 PATENTED ALL RIGHTS RESERVED

Delik İçi Tornalama Katerleri / Boring Bars



T Sistem/T System

A32T TCKNR/L 16
A40U TCKNR/L 16

75°

TCKNR / L



T Sistem/T System

S25S TCLNR/L 09
S25S TCLNR/L 12

95°

TCLNR / L

S32T TCLNR/L 12
S40U TCLNR/L 12
S50V TCLNR/L 12

S32T TCLNR/L 16
S40U TCLNR/L 16
S50V TCLNR/L 16
A25R TCLNR/L 12
A40T TCLNR/L 12
A50V TCLNR/L 12



T Sistem/T System

S32T TD-NR/L 15
S40U TD-NR/L 15
S50V TD-NR/L 15

62.5°

TD-NR / L



T Sistem/T System

S25S TDQNR/L 11
S32T TDQNR/L 11
S25S TDQNR/L 15
S32T TDQNR/L 15
S40U TDQNR/L 15
S50V TDQNR/L 15

107.5°

TDQNR / L



T Sistem/T System

S25S TDUNR/L 11
S32T TDUNR/L 11
S25S TDUNR/L 15
S32T TDUNR/L 15
S40U TDUNR/L 15
S50V TDUNR/L 15
A40T TDUNR/L 15

93°

TDUNR / L



T Sistem/T System

S25S TSKNR/L 12
S32T TSKNR/L 12
S40U TSKNR/L 12

75°

TSKNR / L



T Sistem/T System

S25S TT-NR/L 16
S32T TT-NR/L 16

60°

TT-NR / L



T Sistem/T System

S25S TTUNR/L 16
S32T TTUNR/L 16
S25S TTUNR/L 22
S32T TTUNR/L 22
S40U TTUNR/L 22
S50V TTUNR/L 22

93°

TTUNR / L



T Sistem/T System

S25S TVUNR/L 16
S32T TVUNR/L 16
S40U TVUNR/L 16

93°

TVUNR / L



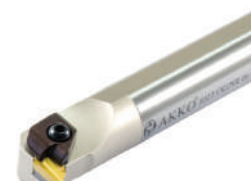
T Sistem/T System

S25S TWLNR/L 06
S32T TWLNR/L 06
S25S TWLNR/L 08
S32T TWLNR/L 08
S40U TWLNR/L 08
S50V TWLNR/L 08

95°

TWLNR / L

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

93°

CKUNR / L



C Sistem/C System

S16R CTFPR/L 16
S20S CTFPR/L 16
S25T CTFPR/L 16

-°

CTFPR / L



M Sistem/M System

S20R MCLNR/L 12
S25S MCLNR/L 12
S32T MCLNR/L 12

95°

MCLNR / L



M Sistem/M System

S20R MDUNR/L 11
S25S MDUNR/L 11
S32T MDUNR/L 11
S25S MDUNR/L 15
S32T MDUNR/L 15
S40U MDUNR/L 15
S50V MDUNR/L 15

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

90°

MTFNR / L



M Sistem/M System

S20R MT-NR/L 16
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

60°

MT-NR / L



M Sistem/M System

S20R MTQNR/L 16
S25S MTQNR/L 16
S32T MTQNR/L 16
S40U MTQNR/L 16
S32T MTQNR/L 22
S40U MTQNR/L 22
S50V MTQNR/L 22

107.5°

MTQNR / L



M Sistem/M System

S20R MTUNR/L 16
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
S20R 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
S32U PCLNR/L 12C
S40U PCLNR/L 12C
S50V PCLNR/L 12C
S32T PCLNR/L 16C

S40U PCLNR/L 16C
S50V PCLNR/L 16C
S40U PCLNR/L 19C
S50V PCLNR/L 19C
A16R PCLNR/L 09
A20P PCLNR/L 09
A25R PCLNR/L 12C
A25S PCLNR/L 12C
A32S PCLNR/L 12C

A32T 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

95°

PCLNR / L



P Sistem/P System

S32T PDXNR/L 15
S40U PDXNR/L 15
S50V PDXNR/L 15
A32S PDXNR/L 15
A40T PDXNR/L 15
A50U PDXNR/L 15

93°

PDXNR / L



P Sistem/P System

S20R PDQNR/L 11
S25S PDQNR/L 11
S32T PDQNR/L 15
S40U PDQNR/L 15
S50V PDQNR/L 15

S32T PDQNR/L 1504
S40U PDQNR/L 1504
S50V PDQNR/L 1504
A20P PDQNR/L 11
A25R PDQNR/L 11

A32S PDQNR/L 15
A40T PDQNR/L 15
A50U PDQNR/L 15
A32S PDQNR/L 1504
A40T PDQNR/L 1504

107.5°

PDQNR / L



P Sistem/P System

S20R PDUNR/L 11
S25S PDUNR/L 11
S25S PDUNR/L 15
S32T PDUNR/L 15
S40U PDUNR/L 15
S50V PDUNR/L 15

A20P PDUNR/L 11
A25R PDUNR/L 11
A25S PDUNR/L 11
A32S PDUNR/L 11
A32S PDUNR/L 15
A40T PDUNR/L 15
A50U PDUNR/L 15

93°

PDUNR / 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

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

95°

PWLNR / L



S Sistem/S System

S0508H SCLCR/L 03
S0608H SCLCR/L 06
S08H SCLCR/L 06
S08K SCLCR/L 06
S08M SCLCR/L 06
S10K SCLCR/L 06
S12K SCLCR/L 06
S1216P SCLCR/L 06

S16P SCLCR/L 06
S12K SCLCR/L 09
S12M SCLCR/L 09
S1416P SCLCR/L 09
S16P SCLCR/L 09
S1620R SCLCR/L 09
S16R SCLCR/L 09
S20R SCLCR/L 09

S20S SCLCR/L 09
S25S SCLCR/L 09
S32T SCLCR/L 09
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

95°

SCLCR / L



S Sistem/S System

S08H SCFCR/L 06
S10K SCFCR/L 06
S12K SCFCR/L 06
S12K SCFCR/L 09
S16P SCFCR/L 09
S20R SCFCR/L 09
S25S SCFCR/L 09
S25S SCFCR/L 12

S32T SCFCR/L 12
S40U SCFCR/L 12
A08H SCFCR/L 06

90°

SCFCR / L

Delik İçi Tornalama Katerleri / Boring Bars



62.5° **SD-CR / L**

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
S32T SD-CR/L 11
S40U SD-CR/L 11



117.5° **SDPCR / L**

S Sistem/S System

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



107.5° **SDQCR / L**

S Sistem/S System

S10K SDQCR/L 07
S12K SDQCR/L 07
S16P SDQCR/L 07
S20R SDQCR/L 07

S16P SDQCR/L 11
S20R SDQCR/L 11
S25S SDQCR/L 11
S32T SDQCR/L 11
S40U SDQCR/L 11

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**

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



93° **SDUCR / L**

S Sistem/S System

S0810K SDUCR/L 07
S0810M 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

S1416P SDUCR/L 11
S16P SDUCR/L 11
S1620R SDUCR/L 11
S20R SDUCR/L 11
S25S SDUCR/L 11
S25T SDUCR/L 11
S32T SDUCR/L 11

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

A16M SDUCR/L 11
A20P SDUCR/L 11
A25R SDUCR/L 11
A25T SDUCR/L 11
A32S SDUCR/L 11
A50U SDUCR/L 11



93° **SDXCR / 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



45° **SSSCR / L**

S Sistem/S System

S16P SSSCR/L 09
S20R SSSCR/L 09
S25S SSSCR/L 09
S25S SSSCR/L 12
S32T SSSCR/L 12
S40U SSSCR/L 12



60° **ST-CR / L**

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
S32T ST-CR/L 16
S40U ST-CR/L 16



90° **STFCR / L**

S Sistem/S System

S0610F STFCR/L 06
S08H STFCR/L 06
S10K STFCR/L 09
S12K STFCR/L 09

S12K STFCR/L 11
S16P STFCR/L 11
S20R STFCR/L 11

S16P STFCR/L 16
S20R STFCR/L 16
S25S STFCR/L 16
S32T STFCR/L 16
S40U STFCR/L 16
A10H STFCR/L 11
A12H STFCR/L 11
A16M STFCR/L 11
A20R STFCR/L 16



93° **STUCR / L**

S Sistem/S System

S10K STUCR/L 09
S12K STUCR/L 09
S12K STUCR/L 11
S16P STUCR/L 11
S20R STUCR/L 11

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

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



93° **STUPR / 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

Delik İçi Tornalama Katerleri / Boring Bars

30 / 31

 93° SVJBR / L	<u>S Sistem/S System</u> S25S SVJBR/L 16 S32T SVJBR/L 16 S40U SVJBR/L 16	 93° SVJCR / L	<u>S Sistem/S System</u> S12K SVJCR/L 11 S16P SVJCR/L 11 S20R SVJCR/L 11 A12H SVJCR/L 11 A16M SVJCR/L 11 A20P SVJCR/L 11	 107.5° SVQBR / L	<u>S Sistem/S System</u> S16P SVQBR/L 11 S20R SVQBR/L 11 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
 107.5° SVQCR / L	<u>S Sistem/S System</u> 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	 93° SVUBR / L	<u>S Sistem/S System</u> S16P SVUBR/L 11 S20R SVUBR/L 11 S25S SVUBR/L 16 S32T SVUBR/L 16 S40U SVUBR/L 16 A20Q SVUBR/L 16 A32S SVUBR/L 16	 93° SVUCR / L	<u>S Sistem/S System</u> S16P SVUCR/L 11 S20R SVUCR/L 11 S25S SVUCR/L 16 S32T SVUCR/L 16 S40U SVUCR/L 16 A12K SVUCR/L 07 A20Q SVUCR/L 11 A25R SVUCR/L 16
 93° SVXBR / L	<u>S Sistem/S System</u> 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 / L	<u>S Sistem/S System</u> S0608H SWLCR/L 03 S0810K SWLCR/L 03	 93° SWUBR / L	<u>S Sistem/S System</u> S0610H SWUBR/L 06 S08H SWUBR/L 06-5.5 S08H SWUBR/L 06-7
 95° SCLCR / L	<u>S Sistem Karbür Şaftlı</u> <u>S System Carbide Shank</u> C04G SCLCR/L 03 C05H SCLCR/L 03 C06J SCLCR/L 04 C07K SCLCR/L 04 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	<u>S Sistem Karbür Şaftlı</u> <u>S System Carbide Shank</u> E10M SDUCR/L 07 E12Q SDUCR/L 07 E16R SDUCR/L 11 E20S SDUCR/L 11		
 90° STFCR / L	<u>S Sistem/S System</u> E08K STFCR/L 06 E10M STFCR/L 09 E12Q STFCR/L 09 E12Q STFCR/L 11	 93° STUPR / L	<u>S Sistem/S System</u> E12Q STUPR/L 1103 E16R STUPR/L 1103		

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

 S Sistem/S System A08H SCLCR/L 06 A10H SCLCR/L 06 A12H SCLCR/L 06 A16M SCLCR/L 09 95° SET-A/SCLCR/L	 S Sistem/S System E08K SCLCR/L 06 E10M SCLCR/L 06 E12Q SCLCR/L 06 E16R SCLCR/L 09 95° SET-E/SCLCR/L	 S Sistem/S System S08H SCLCR/L 06 S10K SCLCR/L 06 S12K SCLCR/L 06 S16P SCLCR/L 09 95° SET-S/SCLCR/L
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S-Sistem Delik İçi Tornalama Kater Setleri / S-System Boring Bars Sets

 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
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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 S08A SCMCN 06 S10X SCMCN 06 S10A SCMCN 06 S10B SCMCN 06 S10C SCMCN 06 S10D 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 08CA 06 10CA 09 12CA 09 12CA 12		S Sistem/S System 06CA 06 10CA 09 12CA 12
90° SCFCR / L		95° SCLCR / L		45° SCSCR / L	
	S Sistem/S System SDJCR/L 10CA 07 SDJCR/L 12CA 11		S Sistem/S System 10CA 09 12CA 12		S Sistem/S System 08CA 09 10CA 11 12CA 16 16CA 16
-° SDJCR / L		75° SSKCR / L		90° STFCR / L	
	S Sistem/S System 08CA 09 10CA 11 12CA 16		S Sistem/S System 08CA 09 10CA 11 12CA 16		P Sistem/P System 16CA 12 20CA 15
45° STSCR / L		60° STTCR / L		75° PSKNR / L	
					P Sistem/P System 16CA 12
				75° PSRNR / L	

Kartuşlar / Cartridges

32 / 33

 P Sistem/P System 12CA 16 16CA 16 16CA 22 20CA 22 90° PTFNR / L	 P Sistem/P System 16CA 22 90° PTGMR / L	 P Sistem/P System S22D PSDNN 12C 45° PSDNN
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Tırlamaz Takımlar / Antivibration Tools

	Tırlamaz Takımların Gövdesi / Anti Vibration Tools Shank ATTB-D16-156-7D-H ATTB-D16-204-10D-H-E ATTB-D20-200-7D-H ATTB-D20-260-10D-H-E ATTB-D25-255-7D-H ATTB-D25-330-10D-H ATTB-D32-320-7D-H			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
ATTB			93° SDUCR / 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 09 ATTC-A40 SCLCR/L 12		Kartuşlar / Cartridges ATTC-A20 SVUCR/L 11 ATTC-A25 SVUCR/L 11 ATTC-A32 SVUCR/L 16 ATTC-A40 SVUCR/L 16		Kartuşlar / Cartridges ATTC-A20 STFCR/L 11 ATTC-A40 STFCR/L 11
95° SCLCR / L		93° SVUCR / L		90° STFCR / L	

	Kartuşlar / Cartridges ATTC-A32 TDUNR/L 11 ATTC-A40 TDUNR/L 15		Kartuşlar / Cartridges ATTC-A40 TTFNR/L 16		Kartuşlar / Cartridges ATTC-A32 TCLNR/L 12 ATTC-A40 TCLNR/L 12
93° TDUNR / L		90° TTFNR / L		95° TCLNR / L	

	Merkezleme Aparatı / Centering Instrument ATTC-16-25 ATTC-32-60
93° ATTC	

Boru Pahlama Takımları / Pipe Beveling and Chamfering Tools

Takim Kodu Tool Code	Dmax		Dmin		Max (Dout-Din)
	D in	D out	D in	D out	
ACPBT-1	27-52	52	18-36	36	27
ACPBT-2	27-49	52	25-36	36	27
ACPBT-3	48-75	75	41	42	27
ACPBT-4	51-75	75	51	52	27
ACPBT-5	22-35	35	22	23	27
ACPBT-6	15-35	35	15	16	27
ACPBT-7	49-53	75	32-36	36	27
ACPBT-8	49	75	33-37	37	27

Takim Kodu Tool Code	
ACPBT-9	
ACPBT-10	
D1	
Dmax	Dmin
38	24
78	64
D2	
15	1
43	29

-°

ÖTG-TC..

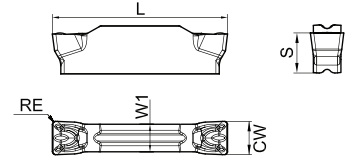
Takim Adı/Tool Code

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/External Threading Toolholders <table> <tr> <td>0808 E11</td><td>2525 M16C</td><td>2525 M16C-T</td></tr> <tr> <td>1010 E11</td><td>3232 P16C</td><td>2525 M22C-T</td></tr> <tr> <td>1212 F 11</td><td>2525 M22C</td><td>2020 K16C-S</td></tr> <tr> <td>1616 H11</td><td>3232 P22C</td><td>2525 M16C-S</td></tr> <tr> <td>2020 H11</td><td>4040 S22C</td><td>3232 P16C-S</td></tr> <tr> <td>1616 H16C</td><td></td><td></td></tr> <tr> <td>2020 K16C</td><td></td><td></td></tr> </table>	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			 SER / L Dış Çap Diş Açma İsviçre Tipi Kayar Otomat Makina Katerleri / External Threading Toolholders For Swiss Type Sliding Automatic Lathes <table> <tr> <td>1010 K11-S</td></tr> <tr> <td>1212 K11-S</td></tr> <tr> <td>1212 K16-S</td></tr> </table>	1010 K11-S	1212 K11-S	1212 K16-S																						
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																																														
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 TER / L	Dış Çap Diş Açma/ External Threading Toolholders <table> <tr> <td>1616 H16</td></tr> <tr> <td>2020 K16</td></tr> <tr> <td>2525 M16</td></tr> <tr> <td>3232 P16</td></tr> <tr> <td>2525 M22</td></tr> <tr> <td>3232 P22</td></tr> <tr> <td>4040 S22</td></tr> <tr> <td>2525 M27</td></tr> <tr> <td>3232 P27</td></tr> <tr> <td>4040 S27</td></tr> </table>	1616 H16	2020 K16	2525 M16	3232 P16	2525 M22	3232 P22	4040 S22	2525 M27	3232 P27	4040 S27	Delik İçi Diş Açma Takımları/Internal Threading Toolholders <table> <tr> <td>S12X05H 06</td><td>S16M 16</td><td>S25R 22C</td></tr> <tr> <td>S16X05H 06</td><td>S20X16P 16</td><td>S32S 22C</td></tr> <tr> <td>S16X07M 08</td><td>A20X16P 16</td><td>S40T 22C</td></tr> <tr> <td>S10H 11</td><td>S20P 16</td><td>S50U 22C</td></tr> <tr> <td>A10H 11</td><td>S25R 16C</td><td>S25R 16C-T</td></tr> <tr> <td>S12K 11</td><td>S32S 16C</td><td>S32S 16C-T</td></tr> <tr> <td>A12K 11</td><td>S40T 16C</td><td>S25R 22C-T</td></tr> <tr> <td>S16X10M 11</td><td>S50U 16C</td><td>S32S 22C-T</td></tr> <tr> <td>S16X13M 11</td><td>S20P 22</td><td></td></tr> <tr> <td>S16M 11</td><td></td><td></td></tr> <tr> <td>A16X13M 16</td><td></td><td></td></tr> <tr> <td>S16X13M 16</td><td></td><td></td></tr> </table>	S12X05H 06	S16M 16	S25R 22C	S16X05H 06	S20X16P 16	S32S 22C	S16X07M 08	A20X16P 16	S40T 22C	S10H 11	S20P 16	S50U 22C	A10H 11	S25R 16C	S25R 16C-T	S12K 11	S32S 16C	S32S 16C-T	A12K 11	S40T 16C	S25R 22C-T	S16X10M 11	S50U 16C	S32S 22C-T	S16X13M 11	S20P 22		S16M 11			A16X13M 16			S16X13M 16		
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Kesme ve Kanal Açma Uçları / Parting and Grooving Inserts



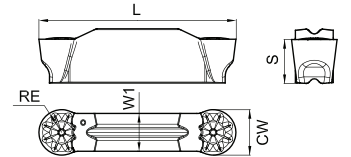
AGD-MT

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

Kesme ve Kanal Açma Uçları / Parting and Grooving Inserts

34 / 35

ISO	İş 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	Feritik / 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 Dayanımlı 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)

Kanal Açma Takımları / Grooving Toolholders

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



ALBU

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



ALBU

ALBU-20-32-H
ALBU-25-32-H
ALBU-32-32-H

Kanal Açma Takımları / Grooving Toolholders



AKKO UCUNA UYGUNDUR.
COMPATIBLE WITH
AKKO INSERT.

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-2020-3-T10
ADKT-K-R/L-1212-3-T15
ADKT-K-R/L-1616-3-T7
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-T10
ADKT-K-R/L-2525-3-R15
ADKT-K-R/L-2525-3-T22
ADKT-K-R/L-2525-3-T30
ADKT-K-R/L-3232-3-T10
ADKT-K-R/L-3232-3-T22
ADKT-K-R/L-2020-4-T20
ADKT-K-R/L-2525-4-T22
ADKT-K-R/L-3232-4-T22
ADKT-K-R/L-2020-4-T10
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-K-R/L-2020-4-R25
ADKT-K-R/L-2525-4-T10
ADKT-K-R/L-2525-4-T18
ADKT-K-R/L-3232-4-T10
ADKT-K-R/L-2525-5-T15
ADKT-K-R/L-3232-5-T15
ADKT-K-R/L-2525-6-T15
ADKT-K-R/L-2525-6-T25



AKKO UCUNA UYGUNDUR.
COMPATIBLE WITH AKKO INSERT.

ADKT-K-R/L-1616-2-T10-H
ADKT-K-R/L-1616-3-T15-H
ADKT-K-R/L-2020-3-R22-H
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 UCUNA UYGUNDUR.
COMPATIBLE WITH AKKO INSERT.

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-3232-140-450-3-T17

AAKT-K-R/L-2525-50-85-4-T22
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-2525-100-200-5-T45
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-2525-180-800-5-T40
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-2525-180-360-6-T40
AAKT-K-R/L-3232-140-800-6-T25
AAKT-K-R/L-3232-180-800-6-T41
AAKT-K-R/L-3232-400-500-6-T25
AAKT-K-R/L-2525-140-300-8-T35
AAKT-K-R/L-3232-140-350-8-T35

Kanal Açma Takımları / Grooving Toolholders



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

AKKO UCUNA UYGUNDUR.
COMPATIBLE WITH AKKO INSERT.



AKKO UCUNA UYGUNDUR.
COMPATIBLE WITH AKKO INSERT.

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



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

AKKO UCUNA UYGUNDUR.
COMPATIBLE WITH AKKO INSERT.



ARN UCUNA UYGUNDUR.
COMPATIBLE WITH ARN 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



CRTZT UCUNA UYGUNDUR.
COMPATIBLE WITH CRTZT INSERT.

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



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

HRN UCUNA UYGUNDUR.
COMPATIBLE WITH HRN INSERT.



HRN UCUNA UYGUNDUR.
COMPATIBLE WITH HRN 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



HRN UCUNA UYGUNDUR.
COMPATIBLE WITH HRN INSERT.

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-1616-3-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



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

HRN UCUNA UYGUNDUR.
COMPATIBLE WITH HRN INSERT.

AIKT-HS223-R/L-20-2-T5
AIKT-HS223-R/L-25-2-T5
AIKT-HS223-R/L-20-3-T6
AIKT-HS223-R/L-25-3-T6



HRN UCUNA UYGUNDUR.
COMPATIBLE WITH HRN INSERT.

ADKT-H22-R/L-1616-(0.5-2)-T4
ADKT-H22-R/L-2020-(0.5-2)-T4
ADKT-H22-R/L-2020-(0.5-2)-T6x20
ADKT-H22-R/L-2525-(0.5-2)-T4
ADKT-H22-R/L-2525-(0.5-2)-T6x20



ISCR UCUNA UYGUNDUR.
COMPATIBLE WITH ISCR 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-T25
ADKT-IGI-R/L-2525-8-T30
ADKT-IGTN-R/L-2525-5-T25
ADKT-IDC-R/L-1616-2-D35
ADKT-IDC-R/L-2020-2-R23
ADKT-IDC-R/L-2525-2-R23
ADKT-IDC-R/L-1616-3-D35
ADKT-IDC-R/L-2525-3-T21



ISCR UCUNA UYGUNDUR.
COMPATIBLE WITH ISCR 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-1616-2-R16-K-S
ADKT-I-R/L-1616-3-R16-K-S



ISCR UCUNA UYGUNDUR.
COMPATIBLE WITH ISCR INSERT.

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-2525-72-110-4-T25
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-2525-140-200-4-T25
AAKT-IG-R/L-2525-180-800-4-T28
AAKT-IG-R/L-2525-200-800-4-T25
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 UCUNA UYGUNDUR.
COMPATIBLE WITH ISCR INSERT.

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



Aikt-I-R/L-20-3-T5
Aikt-I-R/L-25-3-T6

ISCR UCUNA UYGUNDUR.
COMPATIBLE WITH ISCR 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 UCUNA UYGUNDUR.
COMPATIBLE WITH ISCR INSERT.



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 UCUNA UYGUNDUR.
COMPATIBLE WITH ISCR 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 UCUNA UYGUNDUR.
COMPATIBLE WITH ISCR INSERT.

Aikt-ITG-R/L-25-4-T7-H
Aikt-ITG-R/L-25-4-T9-H
Aikt-ITG-R/L-32-4-T11-H
Aikt-ITG-R/L-40-4-T11-H
Aikt-ITG-R/L-32-6.35-T17.5-H



Aikt-IGE-R/L-10-2-T3-H
Aikt-IGE-R/L-16-2-T3-D11.5
Aikt-IGE-R/L-16-2-T3-D11.5-H
Aikt-IGE-R/L-16-2-T2.5-H
Aikt-IGE-R/L-20-2-T4-H
Aikt-IGE-R/L-16-3-T2.5-H
Aikt-IGE-R/L-16-3-T2.5-D20

ISCR UCUNA UYGUNDUR.
COMPATIBLE WITH ISCR INSERT.



Aikt-IGI-R/L-20-3-T4
Aikt-IGI-R/L-25-3-T5
Aikt-IGI-R/L-32-3-T5
Aikt-IGI-R/L-40-3-T5
Aikt-IGI-R/L-20-4-T4
Aikt-IGI-R/L-25-5-T10
Aikt-IGI-R/L-25-5-T10-H
Aikt-IGI-R/L-25-5-T15
Aikt-IGI-R/L-25-5-T15-H

ISCR UCUNA UYGUNDUR.
COMPATIBLE WITH ISCR INSERT.



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

KNMTL UCUNA UYGUNDUR.
COMPATIBLE WITH KNMTL 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

KNMTL UCUNA UYGUNDUR.
COMPATIBLE WITH KNMTL INSERT.



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-2020-3-T10
Adkt-K-R/L-1212-3-T15
Adkt-K-R/L-1616-3-T7
Adkt-K-R/L-1616-3-T15
Adkt-K-R/L-2020-3-T20
Adkt-K-R/L-2020-3-R28

KRLY UCUNA UYGUNDUR.
COMPATIBLE WITH KRLY INSERT.

Adkt-K-R/L-2525-3-T10
Adkt-K-R/L-2525-3-R15
Adkt-K-R/L-2525-3-T22
Adkt-K-R/L-2525-3-T30
Adkt-K-R/L-3232-3-T10
Adkt-K-R/L-3232-3-T22
Adkt-K-R/L-2020-4-T20
Adkt-K-R/L-2525-4-T22
Adkt-K-R/L-3232-4-T22
Adkt-K-R/L-2020-4-T10
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-K-R/L-2020-4-R25
Adkt-K-R/L-2525-4-T10
Adkt-K-R/L-2525-4-T18
Adkt-K-R/L-3232-4-T10
Adkt-K-R/L-2525-5-T15
Adkt-K-R/L-3232-5-T15
Adkt-K-R/L-2525-6-T15
Adkt-K-R/L-2525-6-T25



Adkt-K-R/L-1616-2-T10-H
Adkt-K-R/L-1616-3-T15-H
Adkt-K-R/L-2020-3-R22-H
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

KRLY UCUNA UYGUNDUR.
COMPATIBLE WITH KRLY INSERT.



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-3232-140-450-3-T17

KRLY UCUNA UYGUNDUR.
COMPATIBLE WITH KRLY INSERT.

Aakt-K-R/L-2525-50-85-4-T22
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-2525-100-200-5-T45
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-2525-180-800-5-T40
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-2525-180-360-6-T40
Aakt-K-R/L-3232-140-800-6-T25
Aakt-K-R/L-3232-180-800-6-T41
Aakt-K-R/L-3232-400-500-6-T25
Aakt-K-R/L-2525-140-300-8-T35
Aakt-K-R/L-3232-140-350-8-T35



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

KRLY UCUNA UYGUNDUR.
COMPATIBLE WITH KRLY 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-16-3-T7
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

KRLY UCUNA UYGUNDUR.
COMPATIBLE WITH KRLY INSERT.

Aikt-K-R/L-32-3-T6
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

Kanal Açma Takımları / Grooving Toolholders

 AKL-K-32-2 AKL-K-32-3 AKL-K-32-4 KRLY UCUNA UYGUNDUR. COMPATIBLE WITH KRLY INSERT.	 ADKT-KG-R/L-1010-2-R10-K-S 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 KRLY UCUNA UYGUNDUR. COMPATIBLE WITH KRLY INSERT.	 ADKT-KG-R/L-2020-2-T15 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 KRLY UCUNA UYGUNDUR. COMPATIBLE WITH KRLY INSERT.	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
 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 KRLY UCUNA UYGUNDUR. COMPATIBLE WITH KRLY INSERT.	 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 UCUNA UYGUNDUR. COMPATIBLE WITH KRLY INSERT.	 AKL-SP-26-2 AKL-SP-26-3 AKL-SP-32-3 AKL-SP-32-4 KRLY UCUNA UYGUNDUR. COMPATIBLE WITH KRLY 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 LMN UCUNA UYGUNDUR. COMPATIBLE WITH LMN INSERT.	 ADKT-GY2-R/L-2525-2-R20 ADKT-GY2-R/L-2525-2.5-R6 ADKT-GY2-R/L-2525-3-R20 ADKT-GY2-R/L-2525-4-T25 ADKT-GY2-R/L-2525-5-T25 MTSBH UCUNA UYGUNDUR. COMPATIBLE WITH MTSBH INSERT.	 AKL-GW1-32-2 AKL-GW1-32-3 AKL-GW1-32-4 MTSBH UCUNA UYGUNDUR. COMPATIBLE WITH MTSBH INSERT.	
 ADKT-TGF-R/L-1616-3 ADKT-TGF-R/L-2020-3 ADKT-TGF-R/L-2525-3 NTK UCUNA UYGUNDUR. COMPATIBLE WITH NTK 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 PLBT UCUNA UYGUNDUR. COMPATIBLE WITH PLBT 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 PLBT UCUNA UYGUNDUR. COMPATIBLE WITH PLBT INSERT.	
 AIKT-LC13-R/L-16-3-T4 AIKT-LC13-R/L-16-4-T6 SC UCUNA UYGUNDUR. COMPATIBLE WITH SC 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-T12 ADKT-SGC-R/L-1616-3-R15 ADKT-SGC-R/L-2020-3-R22 ADKT-SGC-R/L-2525-3-T10 SMTM UCUNA UYGUNDUR. COMPATIBLE WITH SMTM INSERT.	ADKT-SGC-R/L-2525-3-R15 ADKT-SGC-R/L-2525-3-R22 ADKT-SGC-R/L-2525-4-T10 ADKT-SGC-R/L-2525-4-T15 ADKT-SGC-R/L-2525-4-T20 ADKT-SGC-R/L-2525-4-R25	
 ADKT-SGC-R/L-2525-3-R25-H SMTM UCUNA UYGUNDUR. COMPATIBLE WITH SMTM INSERT.	 ADKT-SWC-R/L-2020-2-T25 ADKT-SWC-R/L-2020-3-T25 SMTM UCUNA UYGUNDUR. COMPATIBLE WITH SMTM INSERT.	 AAKT-SGC-R/L-2020-22-53-3-T13 AAKT-SGC-R/L-2525-80-100-3-T8 AAKT-SGC-R/L-2525-40-65-4-T12 AAKT-SGC-R/L-2525-80-140-4-T8 SMTM UCUNA UYGUNDUR. COMPATIBLE WITH SMTM INSERT.	



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

SMTM UCUNA UYGUNDUR.
COMPATIBLE WITH SMTM INSERT.



AIKT-SGC-R/L-25-3-T6
AIKT-SGC-R/L-32-3-T6
AIKT-SGC-R/L-32-3-T12
AIKT-SGC-R/L-40-3-T6
AIKT-SGC-R/L-40-3-T12
AIKT-SGC-R/L-25-4-T6
AIKT-SGC-R/L-25-4-T12
AIKT-SGC-R/L-32-4-T6

AIKT-SGC-R/L-32-4-T12
AIKT-SGC-R/L-40-4-T6
AIKT-SGC-R/L-40-4-T12

SMTM UCUNA UYGUNDUR.
COMPATIBLE WITH SMTM INSERT.



ADKT-123-R/L-1212-1.5-R15
ADKT-123-R/L-1616-1.5-R15
ADKT-123-R/L-2012-1.5-R15
ADKT-123-R/L-1212-2-T12
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-1616-2.5-R17
ADKT-123-R-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 UCUNA UYGUNDUR.
COMPATIBLE WITH SNDVK INSERT.



ADKT-123-R/L-1212-2-T12-K-S
ADKT-123-R/L-1212-3-T12-K-S

SNDVK UCUNA UYGUNDUR.
COMPATIBLE WITH SNDVK INSERT.



AKL-123-32-2
AKL-123-32-3
AKL-123-32-4
AKL-123-32-6

SNDVK UCUNA UYGUNDUR.
COMPATIBLE WITH SNDVK 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

SNDVK UCUNA UYGUNDUR.
COMPATIBLE WITH SNDVK 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

SMTM UCUNA UYGUNDUR.
COMPATIBLE WITH SMTM 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 UCUNA UYGUNDUR.
COMPATIBLE WITH SNDVK INSERT.



AIKT-151.23-R/L-20-2-T6
AIKT-151.23-R/L-20-2.5-T6
AIKT-151.22-R/L-25-3-T6
AIKT-151.22-R/L-25-3-T6-H

SNDVK UCUNA UYGUNDUR.
COMPATIBLE WITH SNDVK 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

SNDVK UCUNA UYGUNDUR.
COMPATIBLE WITH SNDVK INSERT.

ADKT-151.22-R/L-2020-5-T20
ADKT-151.22-R/L-2525-5-T25
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



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

SNDVK UCUNA UYGUNDUR.
COMPATIBLE WITH SNDVK 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

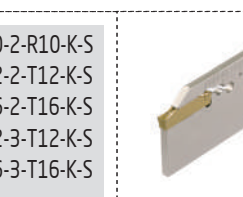
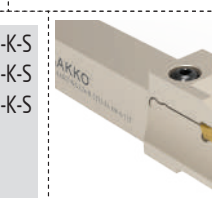
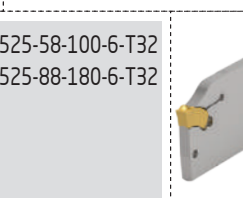
TGTC UCUNA UYGUNDUR.
COMPATIBLE WITH TGTC INSERT.



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

TGTC UCUNA UYGUNDUR.
COMPATIBLE WITH TGTC INSERT.

Kanal Açma Takımları / Grooving Toolholders

 TGTC UCUNA UYGUNDUR. COMPATIBLE WITH TGTC 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 UCUNA UYGUNDUR. COMPATIBLE WITH TGTC 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 UCUNA UYGUNDUR. COMPATIBLE WITH TGTC INSERT.	ADKT-TD-R/L-2020-3-T30-H	 TGTC UCUNA UYGUNDUR. COMPATIBLE WITH TGTC INSERT.	ADKT-TD-R/L-1010-2-R10-K-S 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	 TGTC UCUNA UYGUNDUR. COMPATIBLE WITH TGTC INSERT.	AKL-TD-32-2 AKL-TD-26-3 AKL-TD-32-3 AKL-TD-26-4 AKL-TD-32-5
 TGTC UCUNA UYGUNDUR. COMPATIBLE WITH TGTC INSERT.	AIKT-TD-R-16-2-T8.5-H AIKT-TD-R-20-3-T6-H AIKT-TD-R-25-3-T6-H AIKT-TD-R-32-3-T5-H AIKT-TD-R/L-32-3-T10-H AIKT-TD-R/L-40-3-T12-H AIKT-TD-R/L-20-4-T10-H AIKT-TD-R/L-25-4-T10-H AIKT-TD-R/L-32-4-T10-H	 TNGLY UCUNA UYGUNDUR. COMPATIBLE WITH TNGLY 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	
 TNGLY UCUNA UYGUNDUR. COMPATIBLE WITH TNGLY INSERT.	ADKT-TG-R/L-1212-2-R12-K-S ADKT-TG-R/L-1212-3-R12-K-S	 TNGLY UCUNA UYGUNDUR. COMPATIBLE WITH TNGLY 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	 WLTR UCUNA UYGUNDUR. COMPATIBLE WITH WLTR 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-T12 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
 WLTR UCUNA UYGUNDUR. COMPATIBLE WITH WLTR 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	 WLTR UCUNA UYGUNDUR. COMPATIBLE WITH WLTR INSERT.	AAKT-WGX24-R-L-2525-58-100-6-T32 AAKT-WGX24-R-L-2525-88-180-6-T32	 WLTR UCUNA UYGUNDUR. COMPATIBLE WITH WLTR INSERT.	AKL-SX-32-3 AKL-SX-32-4 AKL-SX-32-5 AKL-SX-32-6
 XTC-GSC UCUNA UYGUNDUR. COMPATIBLE WITH XTC-GSC INSERT.	ADKT-GB-R/L-1212-3 ADKT-GB-R/L-1616-3 ADKT-GB-R/L-2020-3	 ZCC UCUNA UYGUNDUR. COMPATIBLE WITH ZCC 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



ZCC UCUNA UYGUNDUR.
COMPATIBLE WITH ZCC 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-2525-100-150-3-T22
AAKT-ZCC2-R/L-3232-135-175-3-T5
AAKT-ZCC2-R/L-3232-145-175-3-T15

AAKT-ZCC2-R/L-3232-155-185-3-T7
AAKT-ZCC2-R/L-3232-180-215-3-T5
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-3232-130-195-4-T10
AAKT-ZCC2-R/L-2525-55-95-5-T25
AAKT-ZCC2-R/L-2525-85-140-5-T25

AAKT-ZCC2-R/L-2525-100-200-5-T45
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-3232-150-215-5-T10
AAKT-ZCC2-R/L-2525-200-500-5-T17
AAKT-ZCC2-R/L-2525-60-110-6-T15
AAKT-ZCC2-R/L-3232-160-400-6-T25



ZCC UCUNA UYGUNDUR.
COMPATIBLE WITH ZCC INSERT.

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



ZCC UCUNA UYGUNDUR.
COMPATIBLE WITH ZCC 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



ZCC UCUNA UYGUNDUR.
COMPATIBLE WITH ZCC INSERT.

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 UCUNA UYGUNDUR.
COMPATIBLE WITH ZCC 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



ZCC UCUNA UYGUNDUR.
COMPATIBLE WITH ZCC INSERT.

AKL-ZCC2-32-3
AKL-ZCC2-32-4
AKL-ZCC2-32-5

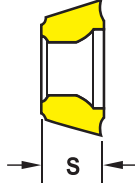
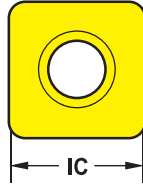


ZCC UCUNA UYGUNDUR.
COMPATIBLE WITH ZCC INSERT.

AIKT-QC11-R/L-20-(0.5-1.8)
AIKT-QC16-R/L-20-(0.5-1.8)
AIKT-QC16-R/L-20-(0.5-2.5)
AIKT-QC22-R/L-25-(1-2.3)
AIKT-QC22-R/L-25-(2.5-3.3)
AIKT-QC22-R/L-25-(3.3-4.8)
AIKT-QC22-R/L-32-(1-2.3)



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

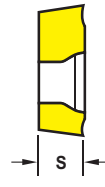
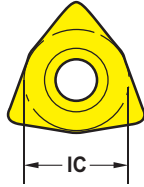


	IC	S
Metric	5	2.38
Inch	0.197	0.094
Metric	6	2.41
Inch	0.236	0.094
Metric	7.94	3.97
Inch	0.313	0.156
Metric	9.8	4.3
Inch	0.386	0.169
Metric	11.5	4.8
Inch	0.453	0.189
Metric	14.3	5.2
Inch	0.563	0.205

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 / Alaşimsız 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

Delik Pahlama Bileziği / Drill Chamfering Ring Tools

ADCR

Takım Kodu / Tool Code



ISO UCUNA UYGUNDUR.
COMPATIBLE WITH ISO INSERT.

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
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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

Takma Uçlu Matkaplar / U-Drill System

D2

WCMX - (AKKO)
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
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Eksantrik U-Drill Adaptörü / Excentric Adaptor For U-Drills



AET

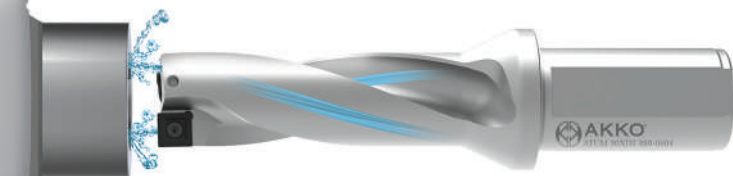
AET-2025
AET-2532
AET-3240

Ø+0.4 - Ø-0.2 ARASINDA
ÖNDALIKLI 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

HELİSEL İÇTEN SU VERME KANALLI MATKAPLAR
INDEXABLE DRILLS WITH HELICAL COOLANT HOLE

Farklı çaplarda ve ALFA KAPLAMA teknolojisi ile siparişe hazır.
They are ready to order in different diameters and with ALPHA COATING technology.



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

ISO UCUNA UYGUNDUR.
COMPATIBLE WITH ISO INSERT.

Delik Delme ve İşleme Takımları / Drilling and Holemaking Tools

Takma Uçlu Matkaplar / U-Drill System

D3 WCMX - (AKKO)
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
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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
ATUM 37.5XD3 WCM. 06T308
ATUM 38XD3 WCM. 06T308
ATUM 38.5XD3 WCM. 06T308
ATUM 39XD3 WCM. 06T308
ATUM 39.5XD3 WCM. 06T308
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
ATUM 50XD3 WCM. 080412
ATUM 51XD3 WCM. 080412
ATUM 52XD3 WCM. 080412
ATUM 53XD3 WCM. 080412
ATUM 54XD3 WCM. 080412
ATUM 55XD3 WCM. 080412
ATUM 56XD3 WCM. 080412
ATUM 57XD3 WCM. 080412
ATUM 58XD3 WCM. 080412
ATUM 59XD3 WCM. 080412
ATUM 60XD3 WCM. 080412

ISO UCUNA UYGUNDUR.
COMPATIBLE WITH ISO INSERT.

D4 WCMX - (AKKO)
WCM - (ISO)



ATUM 16XD4 WCM. 030208
ATUM 16.5XD4 WCM. 030208
ATUM 17XD4 WCM. 030208
ATUM 17.5XD4 WCM. 030208
ATUM 18XD4 WCM. 030208
ATUM 18.5XD4 WCM. 030208
ATUM 19XD4 WCM. 030208
ATUM 19.5XD4 WCM. 030208
ATUM 20XD4 WCM. 040208
ATUM 20.5XD4 WCM. 040208
ATUM 21XD4 WCM. 040208
ATUM 21.5XD4 WCM. 040208
ATUM 22XD4 WCM. 040208
ATUM 22.5XD4 WCM. 040208
ATUM 23XD4 WCM. 040208
ATUM 23.5XD4 WCM. 040208
ATUM 24XD4 WCM. 050308
ATUM 24.5XD4 WCM. 050308
ATUM 25XD4 WCM. 050308
ATUM 25.5XD4 WCM. 050308
ATUM 26XD4 WCM. 050308
ATUM 26.5XD4 WCM. 050308
ATUM 27XD4 WCM. 050308
ATUM 27.5XD4 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

ISO UCUNA UYGUNDUR.
COMPATIBLE WITH ISO INSERT.

Takma Uçlu Matkaplar / U-Drill System

D5 WCMX - (AKKO)
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
new ATUM 49XD5 WCM. 080412

ISO UCUNA UYGUNDUR.
COMPATIBLE WITH ISO INSERT.

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.. 060304
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
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

ISCR UCUNA UYGUNDUR.
COMPATIBLE WITH ISCR INSERT.

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

ISCR UCUNA UYGUNDUR.
COMPATIBLE WITH ISCR INSERT.

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 36XD2 KDR 1304..
ATUM 37XD2 KDR 1304..
ATUM 38XD2 KDR 1304..

KRLY UCUNA UYGUNDUR.
COMPATIBLE WITH KRLY INSERT.

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..

KRLY UCUNA UYGUNDUR.
COMPATIBLE WITH KRLY INSERT.

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 22.5XD3 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..

KRLY UCUNA UYGUNDUR.
COMPATIBLE WITH KRLY INSERT.

Delik Delme ve İşleme Takımları / Drilling and Holemaking Tools

Takma Uçlu Matkaplar / U-Drill System

D5 KDR.. - KRLY



ATUM 17XD5 KDR 0602..
ATUM 17.5XD5 KDR 0602..
ATUM 22XD5 KDR 07T2..
ATUM 30XD5 KDR 11T3..

KRLY UCUNA UYGUNDUR.
COMPATIBLE WITH KRLY INSERT.

D2 SO.. - MTSBH



ATUM 14XD2 SO.. 052704
ATUM 15XD2 SO.. 052704
ATUM 16XD2 SO.. 052704
ATUM 17XD2 SO.. 063005
ATUM 18XD2 SO.. 063005
ATUM 19XD2 SO.. 063005
ATUM 20XD2 SO.. 073505
ATUM 21XD2 SO.. 073505
ATUM 22XD2 SO.. 073505
ATUM 23XD2 SO.. 084005

ATUM 24XD2 SO.. 084005
ATUM 25XD2 SO.. 084005
ATUM 26XD2 SO.. 084005
ATUM 28XD2 SO.. 094506
ATUM 30XD2 SO.. 094506
ATUM 48XD2 SO.. 166508
ATUM 55XD2 SO.. 166508

MTSBH UCUNA UYGUNDUR.
COMPATIBLE WITH MTSBH INSERT.

D3 SO.. - MTSBH



ATUM 14XD3 SO.. 052704
ATUM 14.5XD3 SO.. 052704
ATUM 15XD3 SO.. 052704
ATUM 15.5XD3 SO.. 052704
ATUM 16XD3 SO.. 052704
ATUM 16.5XD3 SO.. 052704
ATUM 17XD3 SO.. 063005
ATUM 17.5XD3 SO.. 063005
ATUM 18XD3 SO.. 063005
ATUM 18.5XD3 SO.. 063005
ATUM 19XD3 SO.. 063005
ATUM 19.5XD3 SO.. 063005
ATUM 20XD3 SO.. 073505
ATUM 20.5XD3 SO.. 073505
ATUM 21XD3 SO.. 073505
ATUM 21.5XD3 SO.. 073505
ATUM 22XD3 SO.. 073505
ATUM 22.5XD3 SO.. 073505
ATUM 23XD3 SO.. 084005
ATUM 23.5XD3 SO.. 084005
ATUM 24XD3 SO.. 084005
ATUM 24.5XD3 SO.. 084005
ATUM 25XD3 SO.. 084005
ATUM 26XD3 SO.. 084005
ATUM 27XD3 SO.. 084005
ATUM 28XD3 SO.. 094506
ATUM 29XD3 SO.. 094506
ATUM 30XD3 SO.. 094506
ATUM 32XD3 SO.. 094506

MTSBH UCUNA UYGUNDUR.
COMPATIBLE WITH MTSBH INSERT.

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 23.5XD3 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..

SNDVK UCUNA UYGUNDUR.
COMPATIBLE WITH SNDVK INSERT.

D4 SO.. - MTSBH



ATUM 14XD4 SO.. 052704
ATUM 15XD4 SO.. 052704
ATUM 16XD4 SO.. 052704
ATUM 17XD4 SO.. 063005
ATUM 18XD4 SO.. 063005
ATUM 19XD4 SO.. 063005
ATUM 20XD4 SO.. 073505
ATUM 21XD4 SO.. 073505
ATUM 22XD4 SO.. 073505
ATUM 23XD4 SO.. 084005
ATUM 24XD4 SO.. 084005
ATUM 25XD4 SO.. 084005
ATUM 26XD4 SO.. 084005
ATUM 28XD4 SO.. 094506
ATUM 30XD4 SO.. 094506

MTSBH UCUNA UYGUNDUR.
COMPATIBLE WITH MTSBH INSERT.

D4 880.. - SNDVK



ATUM 25.5XD2 880-0503..
ATUM 28.5XD2 880-0503..
ATUM 32XD2 880-0604..
ATUM 35XD2 880-0604..

SNDVK UCUNA UYGUNDUR.
COMPATIBLE WITH SNDVK INSERT.

D5 880.. - SNDVK



ATUM 17.5XD5 880-0303..

SNDVK UCUNA UYGUNDUR.
COMPATIBLE WITH SNDVK INSERT.

Takma Uçlu Matkaplar / U-Drill System

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
ATUM 17.5XD2 SP.. 060204
ATUM 18XD2 SP.. 060204
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 22XD2 SP.. 07T308-32
ATUM 22.5XD2 SP.. 07T308
ATUM 23XD2 SP.. 07T308
ATUM 23XD2 SP.. 07T308-32
ATUM 23.5XD2 SP.. 07T308
ATUM 24XD2 SP.. 07T308
ATUM 24XD2 SP.. 07T308-32
ATUM 24.5XD2 SP.. 07T308
ATUM 25XD2 SP.. 07T308
ATUM 25XD2 SP.. 07T308-32
ATUM 25.5XD2 SP.. 07T308
ATUM 26XD2 SP.. 07T308
ATUM 26XD2 SP.. 07T308-32
ATUM 26.5XD2 SP.. 07T308
ATUM 27XD2 SP.. 07T308
ATUM 27XD2 SP.. 07T308-32
ATUM 27.5XD2 SP.. 07T308
ATUM 28XD2 SP.. 090408
ATUM 28XD2 SP.. 090408-32
ATUM 28.5XD2 SP.. 090408
ATUM 29XD2 SP.. 090408
ATUM 29XD2 SP.. 090408-32
ATUM 29.5XD2 SP.. 090408
ATUM 30XD2 SP.. 090408
ATUM 30.5XD2 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

TGTC UCUNA UYGUNDUR.
COMPATIBLE WITH TGTC INSERT.

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
ATUM 17.5XD3 SP.. 060204
ATUM 18XD3 SP.. 060204
ATUM 18.5XD3 SP.. 060204
ATUM 19XD3 SP.. 060204
ATUM 19.5XD3 SP.. 060204
ATUM 20XD3 SP.. 060204
ATUM 20.5XD3 SP.. 060204
ATUM 21XD3 SP.. 060204
ATUM 21.5XD3 SP.. 060204
ATUM 22XD3 SP.. 07T308
ATUM 22XD3 SP.. 07T308-32
ATUM 22.5XD3 SP.. 07T308
ATUM 23XD3 SP.. 07T308
ATUM 23XD3 SP.. 07T308-32
ATUM 23.5XD3 SP.. 07T308
ATUM 24XD3 SP.. 07T308
ATUM 24XD3 SP.. 07T308-32
ATUM 24.5XD3 SP.. 07T308
ATUM 25XD3 SP.. 07T308
ATUM 25XD3 SP.. 07T308-32
ATUM 25.5XD3 SP.. 07T308
ATUM 26XD3 SP.. 07T308
ATUM 26XD3 SP.. 07T308-32
ATUM 26.5XD3 SP.. 07T308
ATUM 27XD3 SP.. 07T308
ATUM 27XD3 SP.. 07T308-32
ATUM 27.5XD3 SP.. 07T308
ATUM 28XD3 SP.. 090408
ATUM 28XD3 SP.. 090408-32
ATUM 28.5XD3 SP.. 090408
ATUM 29XD3 SP.. 090408
ATUM 29XD3 SP.. 090408-32
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
ATUM 32.5XD3 SP.. 090408
ATUM 33XD3 SP.. 090408
ATUM 33.5XD3 SP.. 090408
ATUM 34XD3 SP.. 110408
ATUM 34.5XD3 SP.. 110408
ATUM 35XD3 SP.. 110408
ATUM 35.5XD3 SP.. 110408
ATUM 36XD3 SP.. 110408
ATUM 36.5XD3 SP.. 110408
ATUM 37XD3 SP.. 110408
ATUM 37.5XD3 SP.. 110408
ATUM 38XD3 SP.. 110408
ATUM 38.5XD3 SP.. 110408
ATUM 39XD3 SP.. 110408
ATUM 39.5XD3 SP.. 110408
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 48.5XD3 SP.. 140512
ATUM 49XD3 SP.. 140512
ATUM 50XD3 SP.. 140512
ATUM 51XD3 SP.. 140512
ATUM 52XD3 SP.. 140512

TGTC UCUNA UYGUNDUR.
COMPATIBLE WITH TGTC INSERT.

Delik Delme ve İşleme Takımları / Drilling and Holemaking Tools

Takma Uçlu Matkaplar / U-Drill System

D4

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


ATUM 13XD4 SP.. 050204
 ATUM 14XD4 SP.. 050204
 ATUM 14.5XD4 SP.. 050204
 ATUM 15XD4 SP.. 050204
 ATUM 15.5XD4 SP.. 060204
 ATUM 16XD4 SP.. 060204
 ATUM 16.5XD4 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 20.5XD4 SP.. 060204
 ATUM 21XD4 SP.. 060204
 ATUM 21.5XD4 SP.. 060204
 ATUM 22XD4 SP.. 07T308
 ATUM 22.5XD4 SP.. 07T308
 ATUM 23XD4 SP.. 07T308
 ATUM 23.5XD4 SP.. 07T308
 ATUM 24XD4 SP.. 07T308
 ATUM 24.5XD4 SP.. 07T308
 ATUM 25XD4 SP.. 07T308
 ATUM 25.5XD4 SP.. 07T308
 ATUM 26XD4 SP.. 07T308
 ATUM 26.5XD4 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
 ATUM 45XD4 SP.. 140512
 ATUM 46XD4 SP.. 140512

 TGTC UCUNA UYGUNDUR.
COMPATIBLE WITH TGTC INSERT.

D5

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


ATUM 13XD5 SP.. 050204
 ATUM 14XD5 SP.. 050204
 ATUM 14.5XD5 SP.. 050204
 ATUM 15XD5 SP.. 050204
 ATUM 16XD5 SP.. 060204
 ATUM 16.5XD5 SP.. 060204
 ATUM 17XD5 SP.. 060204
 ATUM 17.5XD5 SP.. 060204
 ATUM 17XD5 SP.. 060204-32
 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 26.5XD5 SP.. 07T308
 ATUM 26XD5 SP.. 07T308-32
 ATUM 27XD5 SP.. 07T308
 ATUM 27XD5 SP.. 07T308-32
 ATUM 28XD5 SP.. 090408
 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

 TGTC UCUNA UYGUNDUR.
COMPATIBLE WITH TGTC INSERT.

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

 TGTC UCUNA UYGUNDUR.
COMPATIBLE WITH TGTC INSERT.

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 070305
 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

 TGTC UCUNA UYGUNDUR.
COMPATIBLE WITH TGTC INSERT.

Takma Uçlu Matkaplar / U-Drill System

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

TGTC UCUNA UYGUNDUR.
COMPATIBLE WITH TGTC INSERT.

D5 SOMT - (TGTC)



ATUM 14XD5 SOMT 050204
ATUM 15XD5 SOMT 050204
ATUM 15.5XD5 SOMT 050204
ATUM 16XD5 SOMT 050204
ATUM 16.5XD5 SOMT 050204
ATUM 17.5XD5 SOMT 060204
ATUM 18XD5 SOMT 060204
ATUM 18.5XD5 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

TGTC UCUNA UYGUNDUR.
COMPATIBLE WITH TGTC INSERT.

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 21XD2 SPGT 060204
ATUM 22XD2 SPGT 07T308
ATUM 22.5XD2 SPGT 07T308
ATUM 23XD2 SPGT 07T308
ATUM 23.5XD2 SPGT 07T308
ATUM 24XD2 SPGT 07T308
ATUM 24.5XD2 SPGT 07T308
ATUM 25XD2 SPGT 07T308
ATUM 26XD2 SPGT 07T308
ATUM 28XD2 SPGT 090408
ATUM 29XD2 SPGT 090408
ATUM 30XD2 SPGT 090408
ATUM 31XD2 SPGT 090408
ATUM 32XD2 SPGT 090408
ATUM 35XD2 SPGT 110408
ATUM 36XD2 SPGT 110408
ATUM 40XD2 SPGT 110408

ZCC UCUNA UYGUNDUR.
COMPATIBLE WITH ZCC INSERT.

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
ATUM 28.5XD3 SPGT 090408
ATUM 29XD3 SPGT 090408
ATUM 29.5XD3 SPGT 090408

ZCC UCUNA UYGUNDUR.
COMPATIBLE WITH ZCC INSERT.

Delik Delme ve İşleme Takımları / Drilling and Holemaking Tools

Takma Uçlu Matkaplar / U-Drill System

D3 SPGT - (ZCC)



ZCC UCUNA UYGUNDUR.
COMPATIBLE WITH ZCC INSERT.

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 36XD3 SPGT 110408
ATUM 36.5XD3 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)



ZCC UCUNA UYGUNDUR.
COMPATIBLE WITH ZCC INSERT.

ATUM 13XD4 SPGT 050204
ATUM 14XD4 SPGT 050204
ATUM 14.5XD4 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 31XD4 SPGT 090408
ATUM 32XD4 SPGT 090408
ATUM 33.5XD4 SPGT 090408
ATUM 38XD4 SPGT 110408

D5 SPGT - (ZCC)



ZCC UCUNA UYGUNDUR.
COMPATIBLE WITH ZCC INSERT.

ATUM 22XD5 SPGT 07T308
ATUM 26XD5 SPGT 07T308-32

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



CRTZT UCUNA UYGUNDUR.
COMPATIBLE WITH CRTZT INSERT.

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

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



ISCR UCUNA UYGUNDUR.
COMPATIBLE WITH
ISCR INSERT.

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



KRLV UCUNA UYGUNDUR.
COMPATIBLE WITH
KRLV INSERT.

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



TGTC UCUNA UYGUNDUR.
COMPATIBLE WITH
TGTC INSERT.

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

Ayarlı Hassas Delik İşleme Bara Setleri / Adjustable Finish Boring Sets



Takım Kodu / Tool Code **Ölçü Aralığı / Boring Range** **Bara Gövde Takım Kodu / Boring Head Body Code**

SET-I-ABHF-D06X30-WA25

06-30

ABHF-D06X30-WA25

Hassas bara setlerimiz 0,2 veya 0,4 radüslü uçlardan oluşmaktadır. Siparişinizle birlikte uç detayını satış temsilcisi ile paylaşmanızı rica ederiz.
Sipariş örneği: WCGT020102L/WCGT020104L

Our fine boring sets consist of inserts with 0.2 or 0.4 radius. We kindly ask you to share the insert radius details with the sales representative with your order.
Ordering Example: WCGT020102L/WCGT020104L

Unsere Einstellbare Bohr Set bestehen aus Wendeschneidplatten mit einem Radius von 0,2 oder 0,4. Wir bitten Sie, die Angaben zum Wendeschneidplattenradius bei Ihrer Bestellung dem Vertriebsmitarbeiter mitzuteilen. "Bestellbeispiel: WCGT020102L/WCGT020104L



Takım Kodu / Tool Code **Ölçü Aralığı / Boring Range** **Bara Gövde Takım Kodu / Boring Head Body Code**

SET-I-ABHF-D29X40-WA16
SET-I-ABHF-D39X54-WA20
SET-I-ABHF-D52X80-WA25
SET-I-ABHF-D78X170-WA32

29-40
39-54
52-80
78-170

ABHF-D29X40-WA16
ABHF-D39X54-WA20
ABHF-D52X80-WA25
ABHF-D78X170-WA32

SET-I-ABHF-D78X170-WA32 takım uzatma adaptörü kullanılarak 117-170 ölçü aralığında operasyon yapmaktadır.
SET-I-ABHF-D78X170-WA32 operates in the 117-170 size range by using the extension adapter.
SET-I-ABHF-D78X170-WA32 funktioniert im Größenbereich 117-170 durch Verwendung des Verlängerungsadapters.

Hassas bara setlerimiz 0,2 veya 0,4 radüslü uçlardan oluşmaktadır.
Siparişinizle birlikte uç detayını satış temsilcisi ile paylaşmanızı rica ederiz.
Sipariş örneği: WCGT020102L/WCGT020104L

Our fine boring sets consist of inserts with 0.2 or 0.4 radius. We kindly ask you to share the insert radius details with the sales representative with your order
Ordering Example: WCGT020102L/WCGT020104L

Unsere Einstellbare Bohr Set bestehen aus Wendeschneidplatten mit einem Radius von 0,2 oder 0,4. Wir bitten Sie, die Angaben zum Wendeschneidplattenradius bei Ihrer Bestellung dem Vertriebsmitarbeiter mitzuteilen. Bestellbeispiel: WCGT020102L/WCGT020104L



Takım Kodu / Tool Code **Ölçü Aralığı / Boring Range** **Bara Gövde Takım Kodu / Boring Head Body Code**

SET-ABHF-D06X30-WA25

06-30

ABHF-D06X30-WA25



Takım Kodu / Tool Code **Ölçü Aralığı / Boring Range** **Bara Gövde Takım Kodu / Boring Head Body Code**

SET-ABHF-D29X40-WA16
SET-ABHF-D39X54-WA20
SET-ABHF-D52X80-WA25
SET-ABHF-D78X170-WA32

29-40
39-54
52-80
78-170

ABHF-D29X40-WA16
ABHF-D39X54-WA20
ABHF-D52X80-WA25
ABHF-D78X170-WA32

SET-ABHF-D78X170-WA32 takım uzatma adaptörü kullanılarak 117-170 ölçü aralığında operasyon yapmaktadır.
SET-ABHF-D78X170-WA32 operates in the 117-170 size range by using the extension adapter.
SET-ABHF-D78X170-WA32 funktioniert im Größenbereich 117-170 durch Verwendung des Verlängerungsadapters.

Delik Delme ve İşleme Takımları / Drilling and Holemaking Tools

Ayarlı Hassas Delik İşleme Baraları / Adjustable Finish Boring Heads

Takım Kodu / Tool Code	Ölçü Aralığı / Boring Range
ABHF-D06X30-WA25	(figure.1) 06-30
ABHF-D29X40-WA16	(figure.2) 29-40
ABHF-D39X54-WA20	(figure.2) 39-54
ABHF-D52X80-WA25	(figure.2) 52-80
ABHF-D78X170-WA32	(figure.2) 78-170

Hassas Bara Uzatma Adaptörü Extension For Fine Boring Tools

Takım Kodu / Tool Code
AEA-114x134
AEA-132x152

Hassas Delik İşleme Bara Kartuşları / Finish Boring Heads Cartridge

Takım Kodu / Tool Code	Takım Kodu / Tool Code	Takım Kodu / Tool Code
SWLCR-D06X10-22 SWLCR-D08X14-30	STUPR-D12X18-40 STUPR-D16X22-40 STUPR-D20X26-40 STUPR-D24X30-50	STFPR-D29x35 STFPR-D34x40 STFPR-D39x47 STFPR-D46x54 STFPR-D52x68 STFPR-D64x80 STFPR-D78x98 STFPR-D96x116

Ayarlı Kaba Delik İşleme Baraları / Adjustable Rough Boring Heads

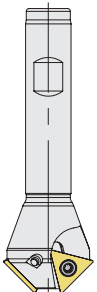
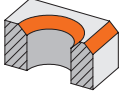
Takım Kodu / Tool Code	Dmin-Dmax
ABHR-D18x22-W16-L90-CC06	18-22
ABHR-D18x22-W16-L150-CC06	18-22
ABHR-D18x22-W16-L200-CC06	18-22
ABHR-D22x28-W20-L100-CC06	22-28
ABHR-D22x28-W20-L150-CC06	22-28
ABHR-D22x28-W20-L200-CC06	22-28
ABHR-D28x38-W20-L110-CC06	28-38
ABHR-D28x38-W20-L160-CC06	28-38
ABHR-D28x38-W20-L230-CC06	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

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

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

-°	ACM...-TC..	Uç / Insert	Takım Kodu / Tool Code
		TC.T 16T304	ACM10-TC16-D17X22-W16-L90-Z01
			ACM15-TC16-D17X24-W16-L90-Z01
			ACM15-TC16-D22X29-W16-L100-Z01
		TC.T 090204	ACM15-TC16-D30X37-W20-L100-Z02
			ACM15-TC16-D35X42-W20-L100-Z03
			ACM15-TC16-D52X59-W25-L110-Z03
		TC.T 16T304	ACM17.5-TC16-D17X25-W16-L90-Z01
			ACM18.5-TC16-D21.3X30-W20-L100-Z02
			ACM19.5-TC16-D17X27-W16-L100-Z01
		TC.T 110204	ACM20-TC16-D12X22-W16-L100-Z01
			ACM20-TC16-D17X27-W16-L100-Z01
			ACM20-TC16-D23X33-W20-L100-Z02
		TC.T 090204	ACM20-TC16-D28X38-W20-L100-Z02
			ACM20-TC16-D35X45-W20-L100-Z03
			ACM20-TC16-D39X49-W20-L100-Z03
		TC.T 110204	ACM20-TC16-D45X55-W25-L110-Z03
			ACM20-TC16-D51X61-W25-L110-Z03
			ACM22.5-TC16-D17X28-W16-L100-Z01
		TC.T 16T304	ACM25-TC16-D17X29-W16-L100-Z01
			ACM30-TC16-D6X20-W16-L100-Z01
			ACM30-TC16-D15X30-W16-L100-Z01
		TC.T 090204	ACM30-TC16-D17.5X32.5-W20-L100-Z02
			ACM30-TC16-D20X35-W16-L100-Z02
			ACM30-TC16-D30X45-W20-L100-Z02
		TC.T 110204	ACM30-TC16-D35X50-W20-L100-Z03
			ACM30-TC16-D45X60-W25-L110-Z03
			ACM40-TC16-D18X37-W20-L100-Z02
		TC.T 16T304	ACM45-TC09-D7X18-W16-L100-Z02
			ACM45-TC11-D8X21.5-W16-L90-Z02
			ACM45-TC11-D11X24-W16-L100-Z02
		TC.T 090204	ACM45-TC16-D5X26-W16-L100-Z01
			ACM45-TC16-D10X31-W16-L100-Z02
			ACM45-TC16-D10X31-W20-L100-Z02
		TC.T 110204	ACM45-TC16-D14X35-W20-L100-Z02
			ACM45-TC16-D18X39-W16-L100-Z02
			ACM45-TC16-D18X39-W20-L100-Z02
		TC.T 16T304	ACM45-TC16-D20X41-W20-L100-Z02
			ACM45-TC16-D30X51-W20-L100-Z02
			ACM50-TC16-D16X39-W20-L100-Z03
		TC.T 090204	ACM55-TC16-D16X40-W20-L100-Z03
			ACM62-TC16-D14X40-W20-L100-Z03
			ACM72-TC16-D14X42-W20-L100-Z03

ISO UCUNA UYGUNDUR.
COMPATIBLE WITH ISO INSERT.

60°	ATM60..	Uç / Insert	Takım Kodu / Tool Code
	T.BGT 060102	ATM60-TB0601-D13-C10-L150-Z02-H	
	T.C.T 090202	ATM60-TC0902-D20.5-C16-L150-Z02-H	
	T.C.T 110202	ATM60-TC1102-D26-C20-L150-Z03-H	
	T.C.T 16T304	ATM60-TC16T3-D32-C25-L150-Z02-H	
		ATM60-TC16T3-D40-C32-L250-Z03-H	
ISO UCUNA UYGUNDUR. COMPATIBLE WITH ISO INSERT.			

-°	AHM..-AP16..	Uç / Insert	Takım Kodu / Tool Code
		AP.. 1604..	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
ISO UCUNA UYGUNDUR. COMPATIBLE WITH ISO INSERT.			



90°	AEM90-AP..	Uç / Insert	Takım Kodu / Tool Code
	AP.. 1003..	AEM90-AP10-D10-C10-L100-Z01	AEM90-AP10-D10-C10-L100-Z01
		AEM90-AP10-D12-C16-L100-Z01-H	AEM90-AP10-D12-C16-L100-Z01-H
		AEM90-AP10-D12-W16-L100-Z01-H	AEM90-AP10-D12-W16-L100-Z01-H
		AEM90-AP10-D12-W16-L150-Z01	AEM90-AP10-D12-W16-L150-Z01
		AEM90-AP10-D14-W16-L100-Z01-H	AEM90-AP10-D14-W16-L100-Z01-H
		AEM90-AP10-D14-W16-L150-Z01	AEM90-AP10-D14-W16-L150-Z01
		AEM90-AP10-D16-C16-L100-Z02-H	AEM90-AP10-D16-C16-L100-Z02-H
		AEM90-AP10-D16-W16-L85-Z02-H	AEM90-AP10-D16-W16-L85-Z02-H
		AEM90-AP10-D16-W16-L100-Z02-H	AEM90-AP10-D16-W16-L100-Z02-H
		AEM90-AP10-D16-W16-L150-Z02-H	AEM90-AP10-D16-W16-L150-Z02-H
		AEM90-AP10-D16-W16-L200-Z02	AEM90-AP10-D16-W16-L200-Z02
		AEM90-AP10-D16-C16-L120-Z02-H	AEM90-AP10-D16-C16-L120-Z02-H
		AEM90-AP10-D16-C16-L250-Z02-H	AEM90-AP10-D16-C16-L250-Z02-H
		AEM90-AP10-D16-C16-L150-Z02	AEM90-AP10-D16-C16-L150-Z02
		AEM90-AP10-D16-C16-L150-Z02-H	AEM90-AP10-D16-C16-L150-Z02-H
		AEM90-AP10-D16-W16-L150-Z02	AEM90-AP10-D16-W16-L150-Z02
		AEM90-AP10-D16-C16-L200-Z02	AEM90-AP10-D16-C16-L200-Z02
		AEM90-AP10-D16-C16-L200-Z02-H	AEM90-AP10-D16-C16-L200-Z02-H
		AEM90-AP10-D16-C16-L250-Z02	AEM90-AP10-D16-C16-L250-Z02
		AEM90-AP10-D17-C16-L150-Z02	AEM90-AP10-D17-C16-L150-Z02
		AEM90-AP10-D18-W16-L100-Z02-H	AEM90-AP10-D18-W16-L100-Z02-H
		AEM90-AP10-D18-W16-L150-Z02	AEM90-AP10-D18-W16-L150-Z02
		AEM90-AP10-D20-C19-L180-Z02	AEM90-AP10-D20-C19-L180-Z02
		AEM90-AP10-D20-C20-L100-Z03-H	AEM90-AP10-D20-C20-L100-Z03-H
		AEM90-AP10-D20-W20-L90-Z03-H	AEM90-AP10-D20-W20-L90-Z03-H
		AEM90-AP10-D20-W20-L100-Z03-H	AEM90-AP10-D20-W20-L100-Z03-H
		AEM90-AP10-D20-C20-L120-Z03-H	AEM90-AP10-D20-C20-L120-Z03-H
		AEM90-AP10-D20-C20-L150-Z03	AEM90-AP10-D20-C20-L150-Z03
		AEM90-AP10-D20-C20-L150-Z03-H	AEM90-AP10-D20-C20-L150-Z03-H
		AEM90-AP10-D20-W20-L150-Z03	AEM90-AP10-D20-W20-L150-Z03
		AEM90-AP10-D20-C20-L200-Z02	AEM90-AP10-D20-C20-L200-Z02
		AEM90-AP10-D20-C20-L200-Z03-H	AEM90-AP10-D20-C20-L200-Z03-H
		AEM90-AP10-D20-C20-L250-Z02	AEM90-AP10-D20-C20-L250-Z02
		AEM90-AP10-D20-C20-L250-Z02-H	AEM90-AP10-D20-C20-L250-Z02-H
		AEM90-AP10-D20.5-C20-L90-Z03	AEM90-AP10-D20.5-C20-L90-Z03
		AEM90-AP10-D21-C20-L150-Z03	AEM90-AP10-D21-C20-L150-Z03
		AEM90-AP10-D21-C20-L200-Z03	AEM90-AP10-D21-C20-L200-Z03
		AEM90-AP10-D21-C20-L200-Z03-H	AEM90-AP10-D21-C20-L200-Z03-H
		AEM90-AP10-D21-W20-L150-Z03	AEM90-AP10-D21-W20-L150-Z03
		AEM90-AP10-D22-W20-L100-Z03-H	AEM90-AP10-D22-W20-L100-Z03-H
		AEM90-AP10-D22-W20-L150-Z03	AEM90-AP10-D22-W20-L150-Z03
		AEM90-AP10-D22.5-W20-L150-Z03	AEM90-AP10-D22.5-W20-L150-Z03
		AEM90-AP10-D23-W20-L150-Z03	AEM90-AP10-D23-W20-L150-Z03
		AEM90-AP10-D24-W20-L150-Z03	AEM90-AP10-D24-W20-L150-Z03
		AEM90-AP10-D25-W25-L100-Z04-H	AEM90-AP10-D25-W25-L100-Z04-H
		AEM90-AP10-D25-W25-L95-Z04-H	AEM90-AP10-D25-W25-L95-Z04-H
		AEM90-AP10-D25-W25-L150-Z04-H	AEM90-AP10-D25-W25-L150-Z04-H
		AEM90-AP10-D25-C25-L100-Z03-H	AEM90-AP10-D25-C25-L100-Z03-H
		AEM90-AP10-D25-W25-L100-Z03-H	AEM90-AP10-D25-W25-L100-Z03-H
		AEM90-AP10-D25-C25-L120-Z03-H	AEM90-AP10-D25-C25-L120-Z03-H
		AEM90-AP10-D25-C25-L150-Z03	AEM90-AP10-D25-C25-L150-Z03
		AEM90-AP10-D25-W25-L150-Z03	AEM90-AP10-D25-W25-L150-Z03
		AEM90-AP10-D25-C25-L200-Z02	AEM90-AP10-D25-C25-L200-Z02
		AEM90-AP10-D25-C25-L200-Z03	AEM90-AP10-D25-C25-L200-Z03
		AEM90-AP10-D25-C25-L250-Z02	AEM90-AP10-D25-C25-L250-Z02
		AEM90-AP10-D26-C25-L200-Z04	AEM90-AP10-D26-C25-L200-Z04
		AEM90-AP10-D30-C25-L100-Z04-H	AEM90-AP10-D30-C25-L100-Z04-H
		AEM90-AP10-D30-C25-L120-Z04-H	AEM90-AP10-D30-C25-L120-Z04-H
		AEM90-AP10-D30-C25-L150-Z04	AEM90-AP10-D30-C25-L150-Z04
		AEM90-AP10-D32-C25-L100-Z04-H	AEM90-AP10-D32-C25-L100-Z04-H
		AEM90-AP10-D32-C25-L120-Z04-H	AEM90-AP10-D32-C25-L120-Z04-H
		AEM90-AP10-D32-C25-L150-Z04	AEM90-AP10-D32-C25-L150-Z04
		AEM90-AP10-D32-W25-L150-Z04	AEM90-AP10-D32-W25-L150-Z04
		AEM90-AP10-D32-C32-L120-Z04-H	AEM90-AP10-D32-C32-L120-Z04-H
ISO UCUNA UYGUNDUR. COMPATIBLE WITH ISO INSERT.			

Frezeleme Takımları / Milling Tools

90° AEM90-AP..  ISO UCUNA UYGUNDUR. COMPATIBLE WITH ISO INSERT.	Uç / Insert AP.. 1003.. Takım Kodu / Tool Code AEM90-AP10-D32-C32-L170-Z04 AEM90-AP10-D32-W25-L105-Z05-H AEM90-AP10-D32-C32-L130-Z05 AEM90-AP10-D32-W32-L120-Z04-H AEM90-AP10-D32-W32-L150-Z04 AEM90-AP10-D40-W32-L150-Z05 AEM90-AP16-D25-C20-L100-Z02 AEM90-AP16-D25-C20-L100-Z02-H 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-C25-L110-Z03-H 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 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	90° AHM90-AP10  ISO UCUNA UYGUNDUR. COMPATIBLE WITH ISO INSERT. Uç / Insert AP.. 1003.. Takım Kodu / Tool Code 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
° ACBM-..  ISO UCUNA UYGUNDUR. COMPATIBLE WITH ISO INSERT.	Uç / Insert CC.. 0602.. Takım Kodu / Tool Code 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 CC.. 09T3.. ACBM-CC09-D30X12.5-W32-L130-Z02-H ACBM-CC09-D33X15.5-W32-L130-Z02-H ACBM-CC09-D33X15.5-W32-L200-Z02-H SP.. 060204 ACBM-SP06-D15X4-W16-L160-Z02-H	90° AFM90-AP..  ISO UCUNA UYGUNDUR. COMPATIBLE WITH ISO INSERT. Uç / Insert AP.. 1003.. Takım Kodu / Tool Code AFM90-AP10-D040-A16-Z04-H AFM90-AP10-D040-A16-Z05-H AFM90-AP10-D050-A22-Z06-H AFM90-AP10-D050-A22-Z07-H AFM90-AP10-D063-A22-Z06 AFM90-AP10-D063-A22-Z07-H AFM90-AP10-D063-A22-Z09 AFM90-AP10-D080-A27-Z08-H AFM90-AP10-D100-A32-Z09-H AP.. 1604.. 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
90° ATSM90-CC..  ISO UCUNA UYGUNDUR. COMPATIBLE WITH ISO INSERT.	Uç / Insert CC.. 0602.. Takım Kodu / Tool Code ATSM90-CC06-D17X8-W16-L85-Z02 ATSM90-CC06-D22X8-W20-L83-Z04 ATSM90-CC06-D28X8-W20-L66-Z04 ATSM90-CC06-D32X8-W25-L100-Z04 ATSM90-CC06-D45.5X8-W25-L100-Z06 ATSM90-CC06-D63X8-W32-L125-Z08 ATSM90-CC06-D18X9-W16-L90-Z02 ATSM90-CC06-D20X9-W16-L85-Z04 ATSM90-CC06-D23X10-W20-L90-Z04 ATSM90-CC06-D32X10-W25-L100-Z04 ATSM90-CC06-D45X10-W32-L120-Z06 ATSM90-CC06-D25X11-W25-L100-Z04 ATSM90-CC09-D30X12-W25-L100-Z04 ATSM90-CC09-D32X12-W25-L100-Z02 ATSM90-CC09-D32X12-W25-L100-Z04 ATSM90-CC09-D32X14-W25-L100-Z04 ATSM90-CC09-D37X16-W32-L120-Z04 ATSM90-CC09-D42X17-W32-L120-Z04 ATSM90-CC09-D40X17-W32-L120-Z04 CC.. 09T3.. ATSM90-CC12-D47X20-W32-L120-Z04 ATSM90-CC12-D52X21-W32-L120-Z04 ATSM90-CC12-D50X22-W32-L120-Z04 ATSM90-CC12-D55X22-W32-L120-Z04 CC.. 1204..	90° ASDM-CC..  ISO UCUNA UYGUNDUR. COMPATIBLE WITH ISO INSERT. Uç / Insert CC.. 0602.. Takım Kodu / Tool Code 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 ASDM-CC06-D100x10-d32-Z12 ASDM-CC06-D125x10-d40-Z14 ASDM-CC06-D160x10-d40-Z16 ASDM-CC06-D200x10-d40-Z18

90°

ASDM-CC..

Uç / Insert

Takım Kodu / Tool Code



CC.. 09T3..

ASDM-CC09-D80x12-d27-Z08
ASDM-CC09-D100x12-d32-Z10
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
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
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
ASDM-CC12-D160x20-d40-Z12
ASDM-CC12-D200x20-d40-Z14
ASDM-CC12-D250x20-d40-Z16

CC.. 1204..

ISO UCUNA UYGUNDUR.
COMPATIBLE WITH ISO INSERT.

-°

AEMR-RD..

Uç / Insert

Takım Kodu / Tool Code



RD.. 0702

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
AEMR-RD08T2-D16-M10-L23-Z02-H
AEMR-RD08T2-D20-M10-L30-Z03-H
AEMR-RD08T2-D25-M12-L35-Z04-H
AEMR-RD10T3-D25-M12-L35-Z03-H
AEMR-RD10T3-D32-M16-L45-Z04-H
AEMR-RD10T3-D35-M16-L43-Z04-H
AEMR-RD10T3-D42-M16-L43-Z05-H
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
AEMR-RD1004-D25-M12-L35-Z03-H
AEMR-RD1004-D32-M16-L43-Z04-H
AEMR-RD1004-D42-M16-L43-Z05-H
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
AEMR-RD1204-D25-M12-L35-Z02-H
AEMR-RD1204-D32-M16-L43-Z03-H
AEMR-RD1204-D40-M16-L43-Z04-H
AEMR-RD1204-D42-M16-L43-Z04-H
AEMR-RD1604-D32-M16-L43-Z02-H
AEMR-RD1604-D40-M16-L43-Z02-H
AEMR-RD1604-D42-M16-L43-Z03-H

RD.. 08T2

RD.. 08T2

RD.. 0803

RD.. 1003

RD.. 1004

RD.. 12T3

RD.. 1204

RD.. 1604

ISO UCUNA UYGUNDUR.
COMPATIBLE WITH ISO INSERT.

-°

AEMRC-RD..

Uç / Insert

Takım Kodu / Tool Code



RD.. 0501..

AEMR-RD0501-D08-W10-L100-Z01-H
AEMR-RD0501-D10-W12-L100-Z02-H
AEMR-RD0501-D12-W12-L120-Z02-H
AEMR-RD08T2-D16-W16-L150-Z02
AEMR-RD08T2-D20-W20-L150-Z02
AEMR-RD0803-D16-W16-L150-Z02
AEMR-RD0803-D16-C20-L200-Z02
AEMR-RD0803-D20-W20-L150-Z03
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-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

RD.. 1003..

RD.. 10T3..

AEMRC-RD10T3-D20-C20-L150-Z02
AEMRC-RD10T3-D20-W20-L150-Z02
AEMRC-RD10T3-D20-C20-L180-Z02-H
AEMRC-RD10T3-D21-C20-L200-Z02-H
AEMRC-RD10T3-D25-C25-L150-Z02
AEMR-RD10T3-D25-C25-L180-Z02
AEMRC-RD10T3-D25-C25-L200-Z02-H
AEMRC-RD10T3-D25-C32-L150-Z03
AEMRC-RD10T3-D25-W25-L150-Z02
AEMRC-RD10T3-D26-C25-L200-Z02-H
AEMRC-RD10T3-D32-W32-L150-Z03
AEMRC-RD10T3-D32-C32-L150-Z04
AEMRC-RD10T3-D32-C25-L250-Z03-H

RD.. 12T3..

RD.. 1204..

RD.. 1604

ISO UCUNA UYGUNDUR.
COMPATIBLE WITH ISO INSERT.

-°

AFMRC-RD..

Uç / Insert

Takım Kodu / Tool Code



RD..0702..

RD..0803..

RD..1003..

RD..1004..

RD..10T3..

RD..12T3..

AFMR-RD0702-D050-A22-Z06-H
AFMR-RD0803-D050-A22-Z05-H
AFMRC-RD1003-D040-A16-Z04-H
AFMR-RD1003-D040-A16-Z05-H
AFMRC-RD1003-D050-A22-Z05-H
AFMRC-RD1003-D052-A22-Z05
AFMRC-RD1003-D063-A22-Z06-H
AFMRC-RD1003-D066-A22-Z07-H
AFMRC-RD1003-D080-A27-Z07-H
AFMRC-RD1003-D100-A32-Z08-H
AFMRC-RD1004-D063-A22-Z06-H
AFMRC-RD1004-D080-A27-Z08-H
AFMRC-RD10T3-D040-A16-Z05-H
AFMRC-RD10T3-D042-A16-Z05-H
AFMRC-RD10T3-D050-A22-Z05-H
AFMRC-RD10T3-D052-A22-Z05-H
AFMRC-RD10T3-D052-A22-Z06-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-D066-A27-Z06-H
AFMRC-RD12T3-D080-A27-Z07-H
AFMRC-RD12T3-D100-A32-Z08-H
AFMRC-RD12T3-D125-B40-Z09

ISO UCUNA UYGUNDUR.
COMPATIBLE WITH ISO INSERT.

Frezeleme Takımları / Milling Tools

-°	AFMRC-RD..	Uç / Insert	Takım Kodu / Tool Code	-°	ATSMR-RD..	Uç / Insert	Takım Kodu / Tool Code
		RD.1204..	AFMRC-RD1204-D040-A16-Z04-H AFMRC-RD1204-D042-A16-Z04-H AFMRC-RD1204-D050-A22-Z05-H AFMRC-RD1204-D052-A22-Z05-H AFMRC-RD1204-D063-A22-Z06-H AFMRC-RD1204-D063-A22-Z07-H AFMRC-RD1204-D080-A27-Z07-H AFMRC-RD1204-D100-A32-Z07-H			RD.. 0702..	ATSMR-RD0702-D17-W16-L90-Z02 ATSMR-RD0702-D25-W16-L90-Z03 ATSMR-RD0702-D35-W25-L100-Z05
		RD.1604..	AFMRC-RD1204-D063-A22-Z05-H AFMRC-RD1204-D063-A22-Z07-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-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 AFMRC-RD1604-D200-C40-Z10			RD.. 1003..	ATSMR-RD1003-D21-W25-L100-Z02 ATSMR-RD1003-D80-W32-L165-Z06-H
ISO UCUNA UYGUNDUR. COMPATIBLE WITH ISO INSERT.				ISO UCUNA UYGUNDUR. COMPATIBLE WITH ISO INSERT.		RD.. 12T3..	ATSMR-RD12T3-D25-W25-L100-Z02 ATSMR-RD12T3-D40-W32-L100-Z03
		RD.. 1604..		-°	AEMRC-RD10T3	Uç / Insert	Takım Kodu / Tool Code
90°	AEM90-DC..	Uç / Insert	Takım Kodu / Tool Code	90°	AEM90-VC2205	Uç / Insert	Takım Kodu / Tool Code
		DCT 0702..	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			VCKT 2205..	AEM90-VC2205-D32-C25-L150-Z02-H AEM90-VC2205-D40-C32-L150-Z03-H
		DCT 11T3..	AEM90-DC11-D32-M16-L43-Z03-H-F AEM90-DC11-D40-M16-L43-Z03-H-F				
ISO UCUNA UYGUNDUR. COMPATIBLE WITH ISO INSERT.				ISO UCUNA UYGUNDUR. COMPATIBLE WITH ISO INSERT.			
43°	AFM43-OF05T3	Uç / Insert	Takım Kodu / Tool Code	90°	AFM90-VC2205	Uç / Insert	Takım Kodu / Tool Code
		OF.. 05T3..	AFM43-OF05T3-D050-A22-Z05-H AFM43-OF05T3-D063-A22-Z06-H AFM43-OF05T3-D080-A27-Z07-H AFM43-OF05T3-D125-B40-Z09			VCKT 2205..	AFM90-VC2205-D050-A22-Z03-H AFM90-VC2205-D063-A22-Z04-H AFM90-VC2205-D066-A27-Z04-H AFM90-VC2205-D080-A27-Z05-H
ISO UCUNA UYGUNDUR. COMPATIBLE WITH ISO INSERT.				ISO UCUNA UYGUNDUR. COMPATIBLE WITH ISO INSERT.			
43°	AFM43C-OF07	Uç / Insert	Takım Kodu / Tool Code	45°	AFM45-ON0806	Uç / Insert	Takım Kodu / Tool Code
		OF.. 0704..	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			ON.. 0806..	AFM45C-ON0806-D063-A22-Z08 AFM45C-ON0806-D080-A27-Z10 AFM45C-ON0806-D100-A32-Z14 AFM45C-ON0806-D125-B40-Z18 AFM45C-ON0806-D160-C40-Z22
ISO UCUNA UYGUNDUR. COMPATIBLE WITH ISO INSERT.				ISO UCUNA UYGUNDUR. COMPATIBLE WITH ISO INSERT.			
43°	AFM88C-SN12	Uç / Insert	Takım Kodu / Tool Code	45°	AFM45-ON0806	Uç / Insert	Takım Kodu / Tool Code
		SN.. 12..	AFM88C-SN12..-D050-A22-Z05-H AFM88C-SN12..-D063-A22-Z06-H AFM88C-SN12..-D080-A27-Z07-H AFM88C-SN12..-D100-A32-Z09-H			ON.. 0806..	AFM45-ON0806-D050-A22-Z04-H AFM45-ON0806-D063-A22-Z05-H AFM45-ON0806-D063-A22-Z06-H AFM45-ON0806-D063-A22-Z07-H AFM45-ON0806-D080-A27-Z06-H AFM45-ON0806-D080-A27-Z08-H AFM45-ON0806-D100-A32-Z07-H AFM45-ON0806-D100-A32-Z10 AFM45-ON0806-D100-A32-Z10-H AFM45L-ON0806-D100-A32-Z10-H AFM45-ON0806-D125-B40-Z08 AFM45L-ON0806-D125-B40-Z08 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
ISO UCUNA UYGUNDUR. COMPATIBLE WITH ISO INSERT.				ISO UCUNA UYGUNDUR. COMPATIBLE WITH ISO INSERT.			
75°	AFM75C-SP12	Uç / Insert	Takım Kodu / Tool Code				
		SPKN 1203..	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				
ISO UCUNA UYGUNDUR. COMPATIBLE WITH ISO INSERT.				ISO UCUNA UYGUNDUR. COMPATIBLE WITH ISO INSERT.			

90°	AFM90C-TP..	Uç / Insert	Takım Kodu / Tool Code
		TP.. 1603	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
		TP.. 2204	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
ISO UCUNA UYGUNDUR. COMPATIBLE WITH ISO INSERT.			

-°	AEMR-RP10T3A	Uç / Insert	Takım Kodu / Tool Code
		RPMW 10T3..	AEMR-RP10T3A-D32-M16-L43-Z04-H AEMR-RP10T3A-D42-M16-L43-Z05-H
ACHTK UCUNA UYGUNDUR. COMPATIBLE WITH ACHTK INSERT.			

-°	AFM90-AP16A	Uç / Insert	Takım Kodu / Tool Code
		AP.. 1604..	AFM90-AP16A-D040-A16-Z04-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
ACHTK UCUNA UYGUNDUR. COMPATIBLE WITH ACHTK INSERT.			

45°	AFM45C-SN1206	Uç / Insert	Takım Kodu / Tool Code
		SN.. 1206..	AFM45C-SN1206-D050-A22-Z04-H AFM45C-SN1206-D050-A22-Z05-H AFM45CL-SN1206-D050-A22-Z05-H AFM45C-SN1206-D063-A22-Z06-H AFM45C-SN1206-D063-A22-Z07-H AFM45CL-SN1206-D063-A22-Z07-H AFM45C-SN1206-D080-A27-Z07-H AFM45C-SN1206-D080-A27-Z08-H AFM45CL-SN1206-D080-A27-Z08-H AFM45C-SN1206-D100-A32-Z10-H AFM45C-SN1206-D100-A32-Z10-H AFM45CL-SN1206-D100-A32-Z10-H AFM45C-SN1206-D125-B40-Z11 AFM45CL-SN1206-D125-B40-Z11 AFM45C-SN1206-D160-C40-Z12 AFM45C-SN1206-D200-C60-Z14 AFM45CL-SN1206-D200-C60-Z14
BHLR UCUNA UYGUNDUR. COMPATIBLE WITH BHLR INSERT.			

-°	ATM-H..	Uç / Insert	Takım Kodu / Tool Code
		H23 H32	ATM-H23-D23-C25-L100-Z02-H ATM-H32-D32-C32-L130-Z05-H
CPT UCUNA UYGUNDUR. COMPATIBLE WITH CPT INSERT.			

-°	AEMR-RP10T3	Uç / Insert	Takım Kodu / Tool Code
		RPNX 10T3..	AEMR-RP10T3-D25-W25-L125-Z02 AEMR-RP10T3-D25-W25-L150-Z02 AEMR-RP10T3-D32-W32-L150-Z03
CRTZT UCUNA UYGUNDUR. COMPATIBLE WITH CRTZT INSERT.			

90°	AFM90C-TP..	Uç / Insert	Takım Kodu / Tool Code
		APMT 1135..	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 AEM90-AP1135A-D25-C25-L200-Z03 AEM90-AP1135A-D26-C25-L250-Z02 AEM90-AP1135A-D33-C32-L250-Z02
ACHTK UCUNA UYGUNDUR. COMPATIBLE WITH ACHTK INSERT.			

45°	AFM45C-SN..	Uç / Insert	Takım Kodu / Tool Code
		SN.. 12....	AFM45C-SN12..-D050-A22-Z04-H AFM45C-SN12..-D050-A22-Z05-H AFM45C-SN12..-D063-A22-Z06-H AFM45C-SN12..-D063-A22-Z07-H AFM45CL-SN12..-D063-A22-Z07-H AFM45C-SN12..-D080-A27-Z07-H AFM45C-SN12..-D080-A27-Z08-H AFM45CL-SN12..-D080-A27-Z08-H AFM45C-SN12..-D100-A32-Z08-H AFM45C-SN12..-D100-A32-Z10-H AFM45CL-SN12..-D100-A32-Z10-H AFM45C-SN12..-D125-B40-Z11 AFM45CL-SN12..-D125-B40-Z11 AFM45C-SN12..-D160-C40-Z12 AFM45C-SN12..-D200-C60-Z14 AFM45CL-SN12..-D200-C60-Z14
ACHTK UCUNA UYGUNDUR. COMPATIBLE WITH ACHTK INSERT.			

-°	AFM90-AP16A	Uç / Insert	Takım Kodu / Tool Code
		AP.. 1003.. AP.. 1135..	AEM90-AP100-D16-C15-L150-Z02 AEM90-AP100-D21-C20-L150-Z03 AEM90-AP100-D26-C25-L150-Z04 AEM90-AP100-D33-C32-L200-Z05 AEM90-AP110-D16-C15-L150-Z02 AEM90-AP110-D21-C20-L150-Z03 AEM90-AP110-D26-C25-L150-Z04 AEM90-AP110-D33-C32-L200-Z05
OKE UCUNA UYGUNDUR. COMPATIBLE WITH OKE INSERT.			

-°	ATM-C..	Uç / Insert	Takım Kodu / Tool Code
		C14 C21 C30	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
CPT UCUNA UYGUNDUR. COMPATIBLE WITH CPT INSERT.			

90°	AEM90-XD11T3	Uç / Insert	Takım Kodu / Tool Code
		XD.T 11T3..	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
CRTZT UCUNA UYGUNDUR. COMPATIBLE WITH CRTZT INSERT.			

Frezeleme Takımları / Milling Tools

-° AEMR-RP10T3  CRTZT UCUNA UYGUNDUR. COMPATIBLE WITH CRTZT INSERT.	Uç / Insert RPNX 10T3.. RPNX 1204..	Takım Kodu / Tool Code AEMR-RP10T3-D25-M12-L35-Z02-H AEMR-RP10T3-D32-M16-L43-Z03-H AEMR-RP1204-D32-M16-L43-Z03-H	-° AFMR-RP..  CRTZT UCUNA UYGUNDUR. COMPATIBLE WITH CRTZT INSERT.	Uç / Insert RPNX 10T3.. RPNX 1204..	Takım Kodu / Tool Code AFMR-RP10T3-D063-A22-Z06-H AFMR-RP10T3-D080-A27-Z07-H AFMR-RP1204-D040-A16-Z04-H AFMR-RP1204-D050-A22-Z05-H AFMR-RP1204-D080-A27-Z07-H
45° AFM45-SA1706  CRTZT UCUNA UYGUNDUR. COMPATIBLE WITH CRTZT INSERT.	Uç / Insert SAKU 1706..	Takım Kodu / Tool Code AFM45-SA1706-D080-A27-Z06-H AFM45-SA1706-D100-A32-Z07-H AFM45-SA1706-D125-B40-Z09	90° AEM90-AD..  DJT UCUNA UYGUNDUR. COMPATIBLE WITH DJT INSERT.	Uç / Insert ADMT 1003.. ADKT 150508	Takım Kodu / Tool Code 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 AEM90-AD1505D-D25-W25-L150-Z02 AEM90-AD1505D-D32-W32-L150-Z03
90° AEM90-ZP13T3  DJT UCUNA UYGUNDUR. COMPATIBLE WITH DJT INSERT.	Uç / Insert ZPMT 13T3.. (For DJT)	Takım Kodu / Tool Code 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	90° AEM90-ZP13T3  DJT UCUNA UYGUNDUR. COMPATIBLE WITH DJT INSERT.	Uç / Insert AP. 1003.. AP. 1604..	Takım Kodu / Tool Code AEM90-AP10D-D16-W16-L150-Z02 AEM90-AP10D-D20-W20-L150-Z03 AEM90-AP10D-D25-W20-L150-Z03 AEM90-AP16DJ-D25-W25-L150-Z02 AEM90-AP16DJ-D25-C25-L200-Z02 AEM90-AP16DJ-D32-W32-L150-Z03 AEM90-AP16DJ-D32-C32-L180-Z03 AEM90-AP16DJ-D32-C32-L200-Z03
90° AEM90-ZP13T3  DJT UCUNA UYGUNDUR. COMPATIBLE WITH DJT INSERT.	Uç / Insert AP. 1003.. AP. 1604..	Takım Kodu / Tool Code AEM90-AP10D-D16-M08-L30-Z02-H AEM90-AP10D-D20-M10-L30-Z03-H AEM90-AP10D-D25-M12-L35-Z03-H AEM90-AP16DJ-D25-M12-L43-Z02-H AEM90-AP16DJ-D32-M16-L43-Z03-H AEM90-AP16DJ-D40-M16-L43-Z04-H	90° AFM90-AP16DJ  DJT UCUNA UYGUNDUR. COMPATIBLE WITH DJT INSERT.	Uç / Insert AP. 1604..	Takım Kodu / Tool Code AFM90-AP16DJ-D050-A22-Z05-H AFM90-AP16DJ-D063-A22-Z06-H AFM90-AP16DJ-D080-A27-Z07-H
-° AHFM-YP1003  DJT UCUNA UYGUNDUR. COMPATIBLE WITH DJT INSERT.	Uç / Insert YPHW 1003..	Takım Kodu / Tool Code 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-L250-Z04-F AHFM-YP1003-D25-C25-L150-Z04-H AHFM-YP1003-D26-C25-L150-Z04-H AHFM-YP1003-D26-C25-L150-Z04 AHFM-YP1003-D26-C25-L200-Z03-F AHFM-YP1003-D26-C25-L200-Z04-F AHFM-YP1003-D33-C32-L200-Z04-F AHFM-YP1003-D33-C32-L250-Z04-F AHFM-YP1003-D33-C32-L300-Z04-F	-° AHFM-EP1003  DJT UCUNA UYGUNDUR. COMPATIBLE WITH DJT INSERT.	Uç / Insert EP. 1003.. ZPMT 1003.. YPHW 1003..	Takım Kodu / Tool Code AHFM-EP1003-D16-C16-L80-Z02-H 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
-° AHFM-EP1003  DJT UCUNA UYGUNDUR. COMPATIBLE WITH DJT INSERT.	Uç / Insert EP. 1003.. ZPMT 1003.. YPHW 1003..	Takım Kodu / Tool Code AHFM-EP1003-D16-M08-L23-Z02 AHFM-EP1003-D16-M08-L23-Z02-H AHFM-EP1003-D20-M10-L30-Z03 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	-° AHFM-EP1003  DJT UCUNA UYGUNDUR. COMPATIBLE WITH DJT INSERT.	Uç / Insert EP. 1003.. ZPMT 1003.. YPHW 1003..	Takım Kodu / Tool Code AHFM-EP1003-D16-M08-L23-Z02 AHFM-EP1003-D16-M08-L23-Z02-H AHFM-EP1003-D20-M10-L30-Z03 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

-°	AHFM-YP1003	Uç / Insert	Takım Kodu / Tool Code
	YPHW 1003..	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-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-F 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	
DJT UCUNA UYGUNDUR. COMPATIBLE WITH DJT INSERT.			

-°	AHFM-E00602	Uç / Insert	Takım Kodu / Tool Code
	EO.. 060210 ZOMT 060210	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	
DJT UCUNA UYGUNDUR. COMPATIBLE WITH DJT INSERT.			

-°	AHFM-EN1004	Uç / Insert	Takım Kodu / Tool Code
	ENMU 1004..	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	
DJT UCUNA UYGUNDUR. COMPATIBLE WITH DJT INSERT.			

°	AHFM-SP1004	Uç / Insert	Takım Kodu / Tool Code
	SPNW 1004..	AHFM-SP1004-D25-C25-L150-Z02 AHFM-SP1004-D32-C32-L150-Z03	
DJT UCUNA UYGUNDUR. COMPATIBLE WITH DJT INSERT.			

-°	AHFM-EP1003	Uç / Insert	Takım Kodu / Tool Code
		EP.. 1003.. ZPMT 1003.. YPHW 1003..	AHFM-EP1003-D050-A22-Z08-H AHFM-EP1003-D063-A22-Z08-H
DJT UCUNA UYGUNDUR. COMPATIBLE WITH DJT INSERT.			

90°	AEM90-ZC1003	Uç / Insert	Takım Kodu / Tool Code
	ZCMT 100308R	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-D16-C16-L200-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			

DJT UCUNA UYGUNDUR.
COMPATIBLE WITH DJT INSERT.

-°	AHFM-EN1004	Uç / Insert	Takım Kodu / Tool Code
		ENMU 1004..	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
DJT UCUNA UYGUNDUR. COMPATIBLE WITH DJT INSERT.			

-°	AHFM-EN1004	Uç / Insert	Takım Kodu / Tool Code
		ENMU 1004..	AHFM-EN1004-D050-A22-Z05-H AHFM-EN1004-D050-A22-Z06-H AHFM-EN1004-D052-A22-Z06-H AHFM-EN1004-D063-A22-Z06-H
DJT UCUNA UYGUNDUR. COMPATIBLE WITH DJT INSERT.			

-°	AHFM-SP1004	Uç / Insert	Takım Kodu / Tool Code
		SPNW 1004..	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
DJT UCUNA UYGUNDUR. COMPATIBLE WITH DJT INSERT.			

-°	AHFM-SP1004	Uç / Insert	Takım Kodu / Tool Code
		SPNW 1004..	AHFM-SP1004-D050-A22-Z05-H AHFM-SP1004-D052-A22-Z05-H AHFM-SP1004-D063-A22-Z06-H
DJT UCUNA UYGUNDUR. COMPATIBLE WITH DJT INSERT.			

Frezeleme Takımları / Milling Tools

 DJT UCUNA UYGUNDUR. COMPATIBLE WITH DJT INSERT.	AHFM-Y00602 Uç / Insert Y0HW 0602..	Takım Kodu / Tool Code 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 AHFM-Y00602-D12-C11-L200-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	 DJT UCUNA UYGUNDUR. COMPATIBLE WITH DJT INSERT.	AHFM-WD.. Uç / Insert WD.T 0503. WD.W 06T3..	Takım Kodu / Tool Code AHFM-WD0503D-D20-C20-L150-Z02 AHFM-WD0503D-D21-C20-L150-Z02 AHFMC-WD06T3D-D26-C25-L200-Z02 AHFMC-WD06T3D-D33-C32-L200-Z03
 DJT UCUNA UYGUNDUR. COMPATIBLE WITH DJT INSERT.	AHFM-ZN11 Uç / Insert ZN.. 1105..	Takım Kodu / Tool Code AHFM-ZN11-D21-C20-L150-Z03 AHFM-ZN11-D21-C20-L200-Z03 AHFM-ZN11-D25-C25-L150-Z04	 DJT UCUNA UYGUNDUR. COMPATIBLE WITH DJT INSERT.	AHFMC-WD.. Uç / Insert WD.W 06T3.. WD.W 0805.. WD.W 10X6..	Takım Kodu / Tool Code AHFMC-WD06T3D-D042-A16-Z04-H AHFMC-WD06T3D-D050-A22-Z05-H AHFMC-WD06T3D-D052-A22-Z05-H AHFMC-WD06T3D-D063-A22-Z06-H AHFMC-WD0805D-D052-A22-Z04-H AHFMC-WD0805D-D063-A22-Z05-H AHFMC-WD0805D-D066-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
 DJT UCUNA UYGUNDUR. COMPATIBLE WITH DJT INSERT.	AEM90-AD1505D Uç / Insert ADKT 150508	Takım Kodu / Tool Code AEM90-AD1505D-D25-M12-L43-Z02-H AEM90-AD1505D-D32-M16-L43-Z03-H	 DJT UCUNA UYGUNDUR. COMPATIBLE WITH DJT INSERT.	AHFM-W004T2 Uç / Insert W0MW 04T2..	Takım Kodu / Tool Code AHFM-W004T2D-D16-C16-L150-Z02 AHFM-W004T2D-D17-C16-L150-Z02
 DJT UCUNA UYGUNDUR. COMPATIBLE WITH DJT INSERT.	AEM95-XD.. Uç / Insert XDHW 0206.. XDHW 0310..	Takım Kodu / Tool Code 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 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	 DJT UCUNA UYGUNDUR. COMPATIBLE WITH DJT INSERT.	AFM90-AD1505D Uç / Insert ADKT 150508	Takım Kodu / Tool Code 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
 DJT UCUNA UYGUNDUR. COMPATIBLE WITH DJT INSERT.	APMR-BNM.. Uç / Insert BNM-120-S BNM-160-S BNM-200-S BNM-250-S	Takım Kodu / Tool Code APMR-BNM12-D12-C12-L130 APMR-BNM16-D16-C16-L175 APMR-BNM16-D16-C16-L200 APMR-BNM20-D20-C20-L160 APMR-BNM20-D20-C20-L200 APMR-BNM20-D20-C20-L250 APMR-BNM25-D25-C25-L160 APMR-BNM25-D25-C25-L200 APMR-BNM25-D25-C25-L250	 DJT UCUNA UYGUNDUR. COMPATIBLE WITH DJT INSERT.	AHFM-WD.. Uç / Insert WD.T 0503.. WD.W 06T3.. WD.W 0805..	Takım Kodu / Tool Code 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
 DJT UCUNA UYGUNDUR. COMPATIBLE WITH DJT INSERT.	APMR-BNM.. Uç / Insert BNM 120-S BNM 160-S BNM 200-S	Takım Kodu / Tool Code APMR-BNM12-D12-M06-L20 APMR-BNM16-D16-M08-L23 APMR-BNM20-D20-M10-L30	 DJT UCUNA UYGUNDUR. COMPATIBLE WITH DJT INSERT.	APMR-SWB.. Uç / Insert SWB225HM-HS SWB230HM-HS SWB232HM-HS	Takım Kodu / Tool Code APMR-SWB225-D25-M12-L35 APMR-SWB230-D30-M16-L43 APMR-SWB232-D32-M16-L43

Frezeleme Takımları / Milling Tools

60 / 61

42°	AFM42C-XD0806	Uç / Insert	Takım Kodu / Tool Code	45°	AFM45-SE13	Uç / Insert	Takım Kodu / Tool Code
	XDMW 0806..	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			SEMT 13T3..	AFM45-SE13-D050-A22-Z04-H AFM45-SE13-D063-A22-Z05-H AFM45-SE13-D080-A27-Z06-H AFM45S-SE13-D050-A22-Z05-H AFM45S-SE13-D063-A22-Z06-H AFM45S-SE13-D080-A27-Z08-H AFM45S-SE13-D100-A32-Z10-H AFM45S-SE13-D125-B40-Z12	
DJT UCUNA UYGUNDUR. COMPATIBLE WITH DJT INSERT.				DJT UCUNA UYGUNDUR. COMPATIBLE WITH DJT INSERT.			
90°	AFM90S-SD1204	Uç / Insert	Takım Kodu / Tool Code	45°	AFM45C-XN0806	Uç / Insert	Takım Kodu / Tool Code
	SDMT 1204..	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			XNMT 0806..	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	
DJT UCUNA UYGUNDUR. COMPATIBLE WITH DJT INSERT.				DJT UCUNA UYGUNDUR. COMPATIBLE WITH DJT INSERT.			
-°	AHFM-WN0907	Uç / Insert	Takım Kodu / Tool Code	-°	AHFM-JD1003	Uç / Insert	Takım Kodu / Tool Code
	WNMU 0706.. WNMU 0907..	AHFM-WN0706-D050-A22-Z05-H AHFM-WN0706-D063-A22-Z06-H 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			JDMT 1003..	AHFM-JD1003-D16-M08-L30-Z02-H AHFM-JD1003-D20-M10-L30-Z03-H	
DJT UCUNA UYGUNDUR. COMPATIBLE WITH DJT INSERT.				HTCH UCUNA UYGUNDUR. COMPATIBLE WITH HTCH INSERT.			
-°	AHFM-JD1003	Uç / Insert	Takım Kodu / Tool Code	-°	AHFM-SD1205	Uç / Insert	Takım Kodu / Tool Code
	JDMT 1003..	AHFM-JD1003-D040-A16-Z06-H AHFM-JD1003-D063-A22-Z08-H			SD.. 1205..	AHFM-SD1205-D32-M16-L40-Z03-H AHFM-SD1205-D35-M16-L40-Z03-H AHFM-SD1205-D40-M16-L43-Z03-H AHFM-SD1205-D42-M16-L43-Z03-H	
DJT UCUNA UYGUNDUR. COMPATIBLE WITH DJT INSERT.				HTCH UCUNA UYGUNDUR. COMPATIBLE WITH HTCH INSERT.			
-°	AHFM-SD1205	Uç / Insert	Takım Kodu / Tool Code	-°	AHFM-ED0702	Uç / Insert	Takım Kodu / Tool Code
	SD.. 1205..	AHFM-SD1205-D052-A22-Z04-H AHFM-SD1205-D052-A22-Z05-H AHFM-SD1205-D063-A22-Z05-H AHFM-SD1205-D066-A22-Z05-H AHFM-SD1205-D066-A22-Z06-H AHFM-SD1205-D080-A27-Z06-H AHFM-SD1205-D100-A32-Z08-H			EDMT 0702 - JDMT 070204	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	
HTCH UCUNA UYGUNDUR. COMPATIBLE WITH HTCH INSERT.				HTCH UCUNA UYGUNDUR. COMPATIBLE WITH HTCH INSERT.			
90°	AEM90-AD15	Uç / Insert	Takım Kodu / Tool Code	90°	AFM90-AD1505	Uç / Insert	Takım Kodu / Tool Code
	AD.. 1505..	AEM90-AD1505-D25-W25-L150-Z02 AEM90-AD1505-D30-W25-L150-Z03 AEM90-AD1505-D32-W32-L150-Z03			AD.. 1505..	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	
ISCR UCUNA UYGUNDUR. COMPATIBLE WITH ISCR INSERT.				ISCR UCUNA UYGUNDUR. COMPATIBLE WITH ISCR INSERT.			

Frezeleme Takımları / Milling Tools

90° AEM90-LN..  ISCR UCUNA UYGUNDUR. COMPATIBLE WITH ISCR INSERT.	Uç / Insert LNMT 0804.. T490 LNMT 1306.. Takım Kodu / Tool Code 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 AEM90-LN1306-D32-C32-L110-Z03-H AEM90-LN1306-D32-W32-L150-Z03 AEM90-LN1306-D40-W32-L150-Z04	90° AEM90-LN1106  ISCR UCUNA UYGUNDUR. COMPATIBLE WITH ISCR INSERT.	Uç / Insert LNMT 1106.. Takım Kodu / Tool Code AEM90-LN1106-D25-W25-L150-Z03 AEM90-LN1106-D32-W32-L150-Z04 AEM90-LN1106-D40-W32-L150-Z05
90° AFM90-LN..  ISCR UCUNA UYGUNDUR. COMPATIBLE WITH ISCR INSERT.	Uç / Insert LNMT 1106.. T490 LNMT 1306.. LNMT 1506.. LNMT 1607.. Takım Kodu / Tool Code AFM90-LN1106-D040-A16-Z06 AFM90-LN1106-D050-A22-Z05 AFM90-LN1106-D063-A22-Z06 AFM90-LN1106-D080-A27-Z08 AFM90-LN1106-D080-A27-Z08 AFM90-LN1106-D100-A32-Z09 AFM90-LN1106-D100-A32-Z09 AFM90-LN1106-D125-B40-Z10 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 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 AFM90-LN1607-D050-A22-Z03-H AFM90-LN1607-D063-A22-Z04-H AFM90-LN1607-D063-A22-Z06-H AFM90-LN1607-D080-A27-Z05-H AFM90-LN1607-D100-A32-Z06-H	89° AFM89-SN1305I  ISCR UCUNA UYGUNDUR. COMPATIBLE WITH ISCR INSERT.	Uç / Insert SNMU 1305.. OXMT 0705.. Takım Kodu / Tool Code 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
90° AEM90-ED..  KNMTL UCUNA UYGUNDUR. COMPATIBLE WITH KNMTL INSERT.	Uç / Insert EDPT 10T3.. EDPT 1404.. Takım Kodu / Tool Code AEM90-ED10T3-D16-W16-L120-Z02 AEM90-ED10T3-D20-W20-L120-Z02 AEM90-ED1404-D20-W20-L150-Z02 AEM90-ED1404-D25-W25-L150-Z02 AEM90-ED1404-D30-C25-L150-Z03	90° AFM90-SP1004  ISCR UCUNA UYGUNDUR. COMPATIBLE WITH ISCR INSERT.	Uç / Insert SPMT 1004.. XPMT 1004.. QPMR 1004.. QPMT 1004.. QPMR 1004.. QPMT 1004.. Takım Kodu / Tool Code 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
90° AEM90-LN15T6  KNMTL UCUNA UYGUNDUR. COMPATIBLE WITH KNMTL INSERT.	Uç / Insert LNGU 15T6.. Takım Kodu / Tool Code AEM90-LN15T6-D25-W25-L150-Z02-H AEM90-LN15T6-D32-W32-L150-Z03-H AEM90-LN15T6-D40-W32-L150-Z03-H	90° AFM90-LN15T6  KNMTL UCUNA UYGUNDUR. COMPATIBLE WITH KNMTL INSERT.	Uç / Insert LNGU 15T6.. Takım Kodu / Tool Code AFM90-LN15T6-D050-A22-Z05-H AFM90-LN15T6-D063-A22-Z06-H AFM90-LN15T6-D080-A27-Z07-H
45° AFM45C-HN0905  KNMTL UCUNA UYGUNDUR. COMPATIBLE WITH KNMTL INSERT.	Uç / Insert HN.. 0905.. Takım Kodu / Tool Code AFM45C-HN0905-D063-A22-Z07 AFM45C-HN0905-D080-A27-Z09 AFM45C-HN0905-D100-A32-Z11 AFM45C-HN0905-D125-B40-Z13 AFM45C-HN0905-D125-B40-Z10 AFM45C-HN0905-D160-C40-Z15	-° AHFM-S00803  KPTK UCUNA UYGUNDUR. COMPATIBLE WITH KPTK INSERT.	Uç / Insert SOMW 0803.. Takım Kodu / Tool Code AHFM-S00803-D20-W20-L150-Z02 AHFM-S00803-D25-W25-L150-Z03 AHFM-S00803-D32-W32-L150-Z04 AHFM-S00803-D35-W32-L160-Z04

-°	AHFM-S00803	Uç / Insert	Takım Kodu / Tool Code
		SOMW 0803..	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 AHFM-S00803-D40-M16-L43-Z05-H
KPTK UCUNA UYGUNDUR. COMPATIBLE WITH KPTK INSERT.			

90°	AHFM-S00803	Uç / Insert	Takım Kodu / Tool Code
		APMT 0903..	AEM90-AP0903-D20-M12-L35-Z03 AEM90-AP0903-D25-M12-L35-Z03
KRKY UCUNA UYGUNDUR. COMPATIBLE WITH KRKY INSERT.			

90°	AHFM-S00803	Uç / Insert	Takım Kodu / Tool Code
		AP.. 11T3..	AEM90-AP11KR-D25-C25-L180-Z04 AEM90-AP11KR-D25-W25-L115-Z03-H AEM90-AP11KR-D32-W32-L125-Z04-H
KRKY UCUNA UYGUNDUR. COMPATIBLE WITH KRKY INSERT.			

90°	AEM90-LN1006	Uç / Insert	Takım Kodu / Tool Code
		LN.X 1006..	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
KRKY UCUNA UYGUNDUR. COMPATIBLE WITH KRKY INSERT.			

-°	AHFM-WN09T3	Uç / Insert	Takım Kodu / Tool Code
		WNMX 09T3..	AHFM-WN09T3-D32-M16-L40-Z03-H AHFM-WN09T3-D35-M16-L40-Z04-H AHFM-WN09T3-D40-M16-L40-Z04-H
KRKY UCUNA UYGUNDUR. COMPATIBLE WITH KRKY INSERT.			

-°	AHFM-WN09T3	Uç / Insert	Takım Kodu / Tool Code
		WNMX 09T3..	AHFM-WN09T3-D040-A16-Z04-H AHFML-WN09T3-D040-A16-Z04-H AHFM-WN09T3-D050-A22-Z05-H AHFML-WN09T3-D050-A22-Z05-H AHFM-WN09T3-D063-A22-Z06
KRKY UCUNA UYGUNDUR. COMPATIBLE WITH KRKY INSERT.			

88°	AFM88C-SN1206	Uç / Insert	Takım Kodu / Tool Code
		SN.. 1206..	AFM88C-SN1206-D040-A16-Z04-H AFM88C-SN1206-D050-A22-Z05-H AFM88C-SN1206-D063-A22-Z06-H AFM88C-SN1206-D080-A27-Z07-H AFM88C-SN1206-D100-A32-Z09-H AFM88C-SN1206-D125-B40-Z10
KRKY UCUNA UYGUNDUR. COMPATIBLE WITH KRKY INSERT.			

-°	AEM90-AP..	Uç / Insert	Takım Kodu / Tool Code
		APMT 0602..	AEM90-AP06-D10-C10-L120-Z02 AEM90-AP06-D12-C12-L120-Z02
		APMT 0903..	AEM90-AP0903-D12-C16-L080-Z01-H AEM90-AP0903-D16-C16-L090-Z02 AEM90-AP0903-D16-C16-L150-Z02 AEM90-AP0903-D17-C16-L150-Z02 AEM90-AP0903-D18-C16-L090-Z02-H AEM90-AP0903-D20-C20-L110-Z03 AEM90-AP0903-D20-C20-L150-Z02 AEM90-AP0903-D20-C20-L200-Z02 AEM90-AP0903-D21-C20-L150-Z02 AEM90-AP0903-D25-C25-L120-Z03 AEM90-AP0903-D25-C25-L150-Z03 AEM90-AP0903-D25-C25-L200-Z02
KRKY UCUNA UYGUNDUR. COMPATIBLE WITH KRKY INSERT.			

90°	AFM90-AP16KR	Uç / Insert	Takım Kodu / Tool Code
		AP.. 1604..	AFM90-AP16KR-D040-A16-Z04-H AFM90-AP16KR-D050-A22-Z05-H AFM90-AP16KR-D063-A22-Z06-H AFM90-AP16KR-D080-A27-Z07-H AFM90-AP16KR-D100-A32-Z08-H AFM90-AP16KR-D125-B40-Z10-H
KRKY UCUNA UYGUNDUR. COMPATIBLE WITH KRKY INSERT.			

-°	AHFM-WN..	Uç / Insert	Takım Kodu / Tool Code
		WNMX 0603..	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..	AHFM-WN09T3-D25-W25-L120-Z02-H AHFML-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..	AHFM-WN1305-D32-C32-L150-Z02-H AHFM-WN1305-D32-C32-L200-Z02-H AHFM-WN1305-D40-C32-L200-Z03-H
KRKY UCUNA UYGUNDUR. COMPATIBLE WITH KRKY INSERT.			

45°	AFM45C-SN1206	Uç / Insert	Takım Kodu / Tool Code
		SN.. 1206..	AFM45C-SN1206-D050-A22-Z04-H AFM45CL-SN1206-D050-A22-Z05-H AFM45C-SN1206-D050-A22-Z05-H AFM45C-SN1206-D063-A22-Z06-H AFM45C-SN1206-D063-A22-Z07-H AFM45CL-SN1206-D063-A22-Z07-H AFM45C-SN1206-D080-A27-Z07-H AFM45C-SN1206-D080-A27-Z08-H AFM45CL-SN1206-D080-A27-Z08-H AFM45C-SN1206-D100-A32-Z08-H AFM45C-SN1206-D100-A32-Z10-H AFM45CL-SN1206-D100-A32-Z10-H AFM45C-SN1206-D125-B40-Z11 AFM45CL-SN1206-D125-B40-Z11 AFM45C-SN1206-D160-C40-Z12 AFM45CL-SN1206-D160-C40-Z12 AFM45C-SN1206-D200-C60-Z14 AFM45CL-SN1206-D200-C60-Z14
KRKY UCUNA UYGUNDUR. COMPATIBLE WITH KRKY INSERT.			

Frezeleme Takımları / Milling Tools

64 / 65

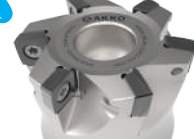
-° AHFM-L003  KYCR UCUNA UYGUNDUR. COMPATIBLE WITH KYCR INSERT.	Uç / Insert Takım Kodu / Tool Code LOGU 0303.. AHFM-L003-D20-M10-L30-Z04-H-F AHFM-L003-D25-M12-L35-Z04-H-F AHFM-L003-D25-M12-L35-Z04-H AHFM-L003-D32-M16-L40-Z05-H-F AHFM-L003-D32-M16-L40-Z05-H AHFM-L003-D32-M16-L40-Z06-H-F AHFM-L003-D32-M16-L40-Z06-H AHFM-L003-D35-M16-L40-Z05-H AHFM-L003-D35-M16-L40-Z06-H AHFM-L003-D42-M16-L40-Z05-H AHFM-L003-D42-M16-L40-Z06-H	-° AHFM-L003  KYCR UCUNA UYGUNDUR. COMPATIBLE WITH KYCR INSERT.	Uç / Insert Takım Kodu / Tool Code LOGU 0303.. AHFM-L003-D040-A16-Z06-H AHFM-L003-D050-A22-Z07-H AHFM-L003-D063-A22-Z09-H
-° AHFM-LP0102  KYCR UCUNA UYGUNDUR. COMPATIBLE WITH KYCR INSERT.	Uç / Insert Takım Kodu / Tool Code LPGT 0102. AHFM-LP0102-D10-C09-L120-Z02 AHFM-LP0102-D10-C10-L120-Z02 AHFM-LP0102-D12-C11-L120-Z02 AHFM-LP0102-D12-C12-L120-Z02	-° AHFM-S01004  KYCR UCUNA UYGUNDUR. COMPATIBLE WITH KYCR INSERT.	Uç / Insert Takım Kodu / Tool Code SOMT 1004.. AHFM-S01004-D32-M16-L40-Z03-H AHFM-S01004-D35-M16-L40-Z03-H AHFM-S01004-D40-M16-L40-Z04-H AHFM-S01004-D42-M16-L40-Z04-H
-° AHFM-S01004  KYCR UCUNA UYGUNDUR. COMPATIBLE WITH KYCR INSERT.	Uç / Insert Takım Kodu / Tool Code SOMT 1004.. AHFM-S01004-D050-A22-Z05-H AHFM-S01004-D052-A22-Z05-H AHFM-S01004-D063-A22-Z06-H AHFM-S01004-D080-A27-Z07-H	66° AFM66-PN0905  KYCR UCUNA UYGUNDUR. COMPATIBLE WITH KYCR INSERT.	Uç / Insert Takım Kodu / Tool Code PNMU 0905.. 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
88° AFM88-SN1305  KYCR UCUNA UYGUNDUR. COMPATIBLE WITH KYCR INSERT.	Uç / Insert Takım Kodu / Tool Code SNMU 1305.. AFM88-SN1305-D050-A22-Z04 AFM88-SN1305-D050-A22-Z05 AFM88-SN1305-D063-A22-Z05 AFM88-SN1305-D063-A22-Z07 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	90° AFM90-L0  KYCR UCUNA UYGUNDUR. COMPATIBLE WITH KYCR INSERT.	Uç / Insert Takım Kodu / Tool Code LOMU 1004.. AFM90-L010-D040-A16-Z05-H AFM90-L010-D050-A22-Z05-H AFM90-L010-D063-A22-Z06-H LOMU 1505.. AFM90-L01505-D050-A22-Z04-H AFM90-L01505-D063-A22-Z05-H
90° AFM90-WN0806  KYCR UCUNA UYGUNDUR. COMPATIBLE WITH KYCR INSERT.	Uç / Insert Takım Kodu / Tool Code WNMX 080608 AFM90-WN0806-D050-A16-Z04-H AFM90-WN0806-D063-A22-Z05-H AFM90-WN0806-D080-A27-Z07-H	88° AFM88C-SN1204  KYCR UCUNA UYGUNDUR. COMPATIBLE WITH KYCR INSERT.	Uç / Insert Takım Kodu / Tool Code SNCN 1204.. 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
90° AFM90-WN0806  LMN UCUNA UYGUNDUR. COMPATIBLE WITH LMN INSERT.	Uç / Insert Takım Kodu / Tool Code AP. 1604.. 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-D30-W25-L120-Z03-H 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	90° AFM90-WN0806  LMN UCUNA UYGUNDUR. COMPATIBLE WITH LMN INSERT.	Uç / Insert Takım Kodu / Tool Code AP. 1604.. AEM90-AP16L-D40-C32-L250-Z04 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-D33-C32-L250-Z03 AEM90-AP1705-D33-C32-L300-Z02

Frezeleme Takımları / Milling Tools

90°	AEM90-AP16L	Uç / Insert	Takım Kodu / Tool Code	90°	AFM90-AP16L	Uç / Insert	Takım Kodu / Tool Code
		AP.. 1604..	AEM90-AP16L-D25-M12-L43-Z02-H AEM90-AP16L-D32-M16-L43-Z03-H AEM90-AP16L-D40-M16-L43-Z04-H			AP.. 1604..	AFM90-AP16L-D050-A22-Z05-H AFM90-AP16L-D063-A22-Z06-H AFM90-AP16L-D080-A27-Z07-H
LMN UCUNA UYGUNDUR. COMPATIBLE WITH LMN INSERT.				LMN UCUNA UYGUNDUR. COMPATIBLE WITH LMN INSERT.			
43°	AFM43C-OD0605	Uç / Insert	Takım Kodu / Tool Code	45°	AFM45C-SN..	Uç / Insert	Takım Kodu / Tool Code
		OD.. 0605..	AFM43C-OD0605-D080-A27-Z06-H AFM43C-OD0605-D100-A32-Z07-H AFM43C-OD0605-D125-B40-Z08			SN.. 12....	AFM45C-SN12..-D050-A22-Z04-H AFM45C-SN12..-D050-A22-Z05-H AFM45C-SN12..-D063-A22-Z06-H AFM45C-SN12..-D063-A22-Z07-H AFM45CL-SN12..-D063-A22-Z07-H AFM45C-SN12..-D080-A27-Z07-H AFM45C-SN12..-D080-A27-Z08-H AFM45CL-SN12..-D080-A27-Z08-H AFM45C-SN12..-D100-A32-Z08-H AFM45C-SN12..-D100-A32-Z10-H AFM45CL-SN12..-D100-A32-Z10-H AFM45C-SN12..-D125-B40-Z11 AFM45CL-SN12..-D125-B40-Z11 AFM45C-SN12..-D160-C40-Z12 AFM45C-SN12..-D200-C60-Z14 AFM45CL-SN12..-D200-C60-Z14
LMN UCUNA UYGUNDUR. COMPATIBLE WITH LMN INSERT.				LMN UCUNA UYGUNDUR. COMPATIBLE WITH LMN INSERT.			
90°	AEM90-A01236	Uç / Insert	Takım Kodu / Tool Code	90°	AEM90-A01236	Uç / Insert	Takım Kodu / Tool Code
		A0.. 1236..	AEM90-A01236-D16-W16-L150-Z02 AEM90-A01236-D16-C16-L160-Z02-H AEM90-A01236-D17-C16-L150-Z02-H AEM90-A01236-D18-C16-L160-Z02-H AEM90-A01236-D20-C20-L160-Z03-H AEM90-A01236-D20-C20-L100-Z02 AEM90-A01236-D21-C20-L220-Z03-H AEM90-A01236-D22-C20-L160-Z03-H AEM90-A01236-D25-C25-L115-Z02 AEM90-A01236-D25-C25-L160-Z04-H AEM90-A01236-D25-W25-L150-Z03 AEM90-A01236-D26-C25-L150-Z04-H AEM90-A01236-D26-C25-L160-Z04-H AEM90-A01236-D32-W32-L150-Z04 AEM90-A01236-D32-C32-L160-Z05-H			A0.. 1236..	AEM90-A01236-D16-M08-L30-Z02 AEM90-A01236-D20-M10-L35-Z03
MTSBH UCUNA UYGUNDUR. COMPATIBLE WITH MTSBH INSERT.				MTSBH UCUNA UYGUNDUR. COMPATIBLE WITH MTSBH INSERT.			
90°	AFM90-A0..	Uç / Insert	Takım Kodu / Tool Code	90°	AEM90-LO..	Uç / Insert	Takım Kodu / Tool Code
		A0.. 1236.. A0.. 1848..	AFM90-A01236-D050-A22-Z05-H AFM90-A01848-D050-A22-Z05-H AFM90-A01848-D063-A22-Z06-H			LOGU 0904..	AEM90-LO09-D16-C16-L160-Z02-H AEM90-LO09-D18-C16-L160-Z02-H AEM90-LO09-D20-C20-L160-Z03-H AEM90-LO09-D20-W20-L100-Z03-H AEM90-LO09-D22-C20-L160-Z03-H AEM90-LO09-D25-C25-L160-Z04-H AEM90-LO09-D25-W25-L091-Z03-H AEM90-LO09-D32-C32-L160-Z05-H
MTSBH UCUNA UYGUNDUR. COMPATIBLE WITH MTSBH INSERT.				MTSBH UCUNA UYGUNDUR. COMPATIBLE WITH MTSBH INSERT.			
90°	AEM90-LO1207	Uç / Insert	Takım Kodu / Tool Code	90°	AFM90-LO 0904 / 1207	Uç / Insert	Takım Kodu / Tool Code
		LOGU 1207..	AEM90-LO1207-D32-W32-L105-Z03-H AEM90-LO1207-D40-W32-L200-Z04-H			LOGU 0904.. LOGU 1207..	AFM90-LO0904-D040-A16-Z06-H AFM90-LO0904-D050-A22-Z05-H AFM90-LO0904-D050-A22-Z07-H AFM90-LO0904-D063-A22-Z06-H AFM90-LO1207-D040-A16-Z04-H AFM90-LO1207-D050-A22-Z05-H AFM90-LO1207-D063-A22-Z05-H AFM90-LO1207-D063-A22-Z06-H AFM90-LO1207-D080-A27-Z07-H AFM90-LO1207-D100-A32-Z07-H
MTSBH UCUNA UYGUNDUR. COMPATIBLE WITH MTSBH INSERT.				MTSBH UCUNA UYGUNDUR. COMPATIBLE WITH MTSBH INSERT.			
-°	ADM90-Q0..	Uç / Insert	Takım Kodu / Tool Code	-°	AEMR-RP..	Uç / Insert	Takım Kodu / Tool Code
		QOMT 1035R-M2 QOMT 1342R-M2 QOMT 1651R-M2 QOMT 2062R-M2	ADM90-Q010-D20-C20-L130-Z0204-H ADM90-Q010-D20-C20-L185-Z0204-H ADM90-Q013-D25-C25-L140-Z0204-H ADM90-Q013-D25-C25-L220-Z0204-H ADM90-Q016-D32-C32-L150-Z0204-H ADM90-Q016-D32-C32-L200-Z02-H ADM90-Q016-D32-C32-L230-Z0204-H ADM90-Q016-D32-C32-L230-Z02-H ADM90-Q020-D40-C32-L160-Z0204 ADM90-Q020-D40-C32-L240-Z0204			RPMT 08T2.. RPMT 10T3.. RPMT 1204.. RPMT 1606..	AEMR-RP08T2M-D20-W20-L150-Z02-H AEMR-RP08T2M-D25-W25-L200-Z03-H AEMR-RP10T3M-D25-W25-L200-Z02-H AEMR-RP10T3M-D32-W32-L200-Z03-H AEMR-RP1204M-D25-C25-L180-Z02 AEMR-RP1204M-D25-C25-L180-Z02-H AEMR-RP1204M-D32-W32-L150-Z03-H AEMR-RP1204M-D32-W32-L200-Z03-H AEMR-RP1204M-D36-C25-L160-Z03 AEMR-RP1606M-D40-W32-L150-Z02-H AEMR-RP1606M-D40-W32-L200-Z02-H
MTSBH UCUNA UYGUNDUR. COMPATIBLE WITH MTSBH INSERT.				MTSBH UCUNA UYGUNDUR. COMPATIBLE WITH MTSBH INSERT.			

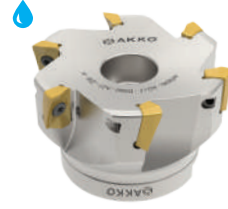
Frezeleme Takımları / Milling Tools

66 / 67

-° AEMR-RP..  MTSBH UCUNA UYGUNDUR. COMPATIBLE WITH MTSBH INSERT.	Uç / Insert Takım Kodu / Tool Code RPMT 08T2.. AEMR-RP08T2M-D20-M10-L30-Z02-H RPMT 10T3.. AEMR-RP10T3M-D25-M12-L35-Z02-H RPMT 1204 AEMR-RP10T3M-D32-M16-L43-Z03-H AEMR-RP1204M-D32-M16-L43-Z03-H AEMR-RP1204M-D40-M16-L43-Z04-H	-° AFMR-RP1204M  MTSBH UCUNA UYGUNDUR. COMPATIBLE WITH MTSBH INSERT.	Uç / Insert Takım Kodu / Tool Code RPMT 1204.. AFMR-RP1204M-D040-A16-Z04-H AFMR-RP1204M-D042-A16-Z04-H AFMR-RP1204M-D050-A22-Z04-H AFMR-RP1204M-D052-A22-Z05-H AFMR-RP1204M-D063-A22-Z05-H AFMR-RP1204M-D080-A27-Z06-H
-° AHFC-JD1204  MTSBH UCUNA UYGUNDUR. COMPATIBLE WITH MTSBH INSERT.	Uç / Insert Takım Kodu / Tool Code JDMW 1204.. AHFC-JD1204-D32-C32-L150-Z02 AHFC-JD1204-D32-C32-L200-Z02 AHFC-JD1204-D35-C32-L200-Z02 AHFC-JD1204-D35-C32-L250-Z02	-° AHFC-JD1204  MTSBH UCUNA UYGUNDUR. COMPATIBLE WITH MTSBH INSERT.	Uç / Insert Takım Kodu / Tool Code JDMW 1204.. AHFC-JD1204-D32-M16-L43-Z02-H AHFC-JD1204-D42-M16-L43-Z03-H
-° AHFC-JD..  MTSBH UCUNA UYGUNDUR. COMPATIBLE WITH MTSBH INSERT.	Uç / Insert Takım Kodu / Tool Code JDMW 1204.. AHFC-JD1204-D052-A22-Z03-H AHFC-JD1204-D052-A22-Z04-H AHFC-JD1204-D063-A22-Z05-H AHFC-JD1204-D080-A27-Z06-H AHFC-JD1204-D100-A32-Z07-H JDMW 1405.. AHFC-JD1405-D052-A22-Z03-H AHFC-JD1405-D063-A22-Z04-H	-° AHFM-SP0735  MTSBH UCUNA UYGUNDUR. COMPATIBLE WITH MTSBH INSERT.	Uç / Insert Takım Kodu / Tool Code SPMX 073505 AHFM-SP0735-D16-C16-L160-Z02-H AHFM-SP0735-D17-C16-L160-Z02-H AHFM-SP0735-D20-C20-L160-Z03-H AHFM-SP0735-D21-C20-L160-Z03-H
-° AHFM-SP0735  MTSBH UCUNA UYGUNDUR. COMPATIBLE WITH MTSBH INSERT.	Uç / Insert Takım Kodu / Tool Code SPMX 073505 AHFM-SP0735-D16-M08-L23-Z02-H AHFM-SP0735-D20-M10-L30-Z03-H AHFM-SP0735-D25-M12-L35-Z04-H	-° AHFM-SP0945  MTSBH UCUNA UYGUNDUR. COMPATIBLE WITH MTSBH INSERT.	Uç / Insert Takım Kodu / Tool Code SPMX 094506 AHFM-SP0945-D32-M16-L43-Z04-H AHFM-SP0945-D35-M16-L43-Z04-H AHFM-SP0945-D42-M16-L43-Z05-H
-° AHFM-SP0945  MTSBH UCUNA UYGUNDUR. COMPATIBLE WITH MTSBH INSERT.	Uç / Insert Takım Kodu / Tool Code SPMX 0945.. AHFM-SP0945-D050-A22-Z06-H AHFM-SP0945-D052-A22-Z06-H	40° AFM40-NN..  MTSBH UCUNA UYGUNDUR. COMPATIBLE WITH MTSBH INSERT.	Uç / Insert Takım Kodu / Tool Code NNMU 2007.. AFM40-NN2007-D080-A27-Z06-H AFM40-NN2007-D100-B32-Z07-H AFM40-NN2007-D125-B40-Z08-H AFM40-NN2007-D160-C40-Z10 AFM40-NN2007-D200-C60-Z12
45° AFM45-SE13M  MTSBH UCUNA UYGUNDUR. COMPATIBLE WITH MTSBH INSERT.	Uç / Insert Takım Kodu / Tool Code SEMT 13T3.. AFM45-SE13M-D050-A22-Z04-H AFM45-SE13M-D063-A22-Z05-H AFM45-SE13M-D080-A27-Z06 AFM45-SE13M-D100-A32-Z07 AFM45-SE13M-D125-B40-Z08	45° AFM45-NN2007  MTSBH UCUNA UYGUNDUR. COMPATIBLE WITH MTSBH INSERT.	Uç / Insert Takım Kodu / Tool Code NNMU 2007.. AFM45-NN2007-D063-A22-Z05-H AFM45-NN2007-D080-A27-Z06-H AFM45-NN2007-D100-A32-Z07-H AFM45-NN2007-D125-B40-Z08 AFM45-NN2007-D160-C40-Z10
45° AFM45S-SE13M  MTSBH UCUNA UYGUNDUR. COMPATIBLE WITH MTSBH INSERT.	Uç / Insert Takım Kodu / Tool Code SEMT 13T3.. AFM45S-SE13M-D050-A22-Z04-H AFM45S-SE13M-D063-A22-Z05-H AFM45S-SE13M-D080-A27-Z06 AFM45S-SE13M-D100-A32-Z07 AFM45S-SE13M-D125-B40-Z08	90° AFM90-6N09  MTSBH UCUNA UYGUNDUR. COMPATIBLE WITH MTSBH INSERT.	Uç / Insert Takım Kodu / Tool Code 6NGU 0905.. AFM90-6N09-D050-A22-Z05-H AFM90-6N09-D063-A22-Z06-H AFM90-6N09-D080-A27-Z07-H AFM90-6N09-D100-A32-Z08-H 6NNU 1409.. AFM90-6N14-D050-A22-Z04-H AFM90-6N14-D063-A22-Z05-H AFM90-6N14-D080-A27-Z07-H AFM90-6N14-D100-A32-Z07-H AFM90-6N14-D125-B40-Z08

Frezeleme Takımları / Milling Tools

-° AHFM-J009  MTSBH UCUNA UYGUNDUR. COMPATIBLE WITH MTSBH INSERT.	Uç / Insert JOMU 0905..	Takım Kodu / Tool Code AHFM-J009-D050-A22-Z04-H AHFM-J009-D063-A22-Z05-H	88° AFM88C-SN1204  NTK UCUNA UYGUNDUR. COMPATIBLE WITH NTK INSERT.	Uç / Insert SN.. 1204..	Takım Kodu / Tool Code 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
90° AEM90-AP16P  PLBT UCUNA UYGUNDUR. COMPATIBLE WITH PLBT INSERT.	Uç / Insert AP.. 1604..	Takım Kodu / Tool Code 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	90° AFM90-AP16P  PLBT UCUNA UYGUNDUR. COMPATIBLE WITH PLBT INSERT.	Uç / Insert AP.. 1604..	Takım Kodu / Tool Code 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
-° AHFM-XN06T3  PLBT UCUNA UYGUNDUR. COMPATIBLE WITH PLBT INSERT.	Uç / Insert XN.. 06T3..	Takım Kodu / Tool Code AHFM-XN06T3-D20-W20-L110-Z03-H AHFM-XN06T3-D20-W20-L80-Z03-H	45° AFM45C-SN1206  PLBT UCUNA UYGUNDUR. COMPATIBLE WITH PLBT INSERT.	Uç / Insert SN.. 1206..	Takım Kodu / Tool Code AFM45C-SN1206-D050-A22-Z04-H AFM45C-SN1206-D050-A22-Z05-H AFM45CL-SN1206-D050-A22-Z05-H AFM45C-SN1206-D063-A22-Z06-H AFM45C-SN1206-D063-A22-Z07-H AFM45CL-SN1206-D063-A22-Z07-H AFM45C-SN1206-D080-A27-Z07-H AFM45C-SN1206-D080-A27-Z08-H AFM45CL-SN1206-D080-A27-Z08-H AFM45C-SN1206-D100-A32-Z08-H AFM45C-SN1206-D100-A32-Z10-H AFM45CL-SN1206-D100-A32-Z10-H AFM45C-SN1206-D125-B40-Z11 AFM45CL-SN1206-D125-B40-Z11 AFM45C-SN1206-D160-C40-Z12 AFM45C-SN1206-D200-C60-Z14 AFM45CL-SN1206-D200-C60-Z14
44° AFM44-ON0606  PLBT UCUNA UYGUNDUR. COMPATIBLE WITH PLBT INSERT.	Uç / Insert ONHX 0606..	Takım Kodu / Tool Code AFM44-ON0606-D063-A22-Z05-H AFM44-ON0606-D063-A22-Z06-H AFM44-ON0606-D080-A27-Z08-H AFM44-ON0606-D080-B27-Z06-H AFM44-ON0606-D100-A32-Z10-H AFM44-ON0606-D100-B32-Z07-H AFM44-ON0606-D125-B40-Z08-H	-° AHFM-SP13  PLBT UCUNA UYGUNDUR. COMPATIBLE WITH PLBT INSERT.	Uç / Insert SP.. 1305..	Takım Kodu / Tool Code AHFM-SP13-D050-A22-Z04-H AHFM-SP13-D063-A27-Z05-H
-° AHFM-S00803P  PLBT UCUNA UYGUNDUR. COMPATIBLE WITH PLBT INSERT.	Uç / Insert SOEW 0803	Takım Kodu / Tool Code AHFM-S00803P-D32-M16-L35-Z04-H AHFM-S00803P-D42-M16-L35-Z05-H	-° AEM90-AD..  PRMT UCUNA UYGUNDUR. COMPATIBLE WITH PRMT INSERT.	Uç / Insert AD.. 0602.. AD.. 1003.. AD.. 1304..	Takım Kodu / Tool Code AEM90-AD06-D12-M06-L20-Z02-H AEM90-AD06-D16-M08-L23-Z03-H AEM90-AD10PR-D16-M08-L23-Z02-H AEM90-AD10PR-D20-M10-L30-Z03-H AEM90-AD10PR-D25-M12-L35-Z04-H AEM90-AD10PR-D32-M16-L40-Z04-H AEM90-AD10PR-D35-M16-L45-Z05-H AEM90-AD13-D20-M10-L30-Z02-H AEM90-AD13-D25-M12-L35-Z03-H AEM90-AD13-D32-M16-L40-Z03-H AEM90-AD13-D35-M16-L45-Z04-H

°	AEM90-AD..	Uç / Insert	Takım Kodu / Tool Code
	AD.. 1304..		AFM90-AD13-D040-A16-Z04-H AFM90-AD13-D050-A22-Z05-H AFM90-AD13-D063-A22-Z06-H AFM90-AD13-D080-A27-Z07-H
	AD.. 1606..		AFM90-AD16PR-D080-A27-Z07-H
	AD.. 1706..		AFM90-AD17-D040-A16-Z04-H AFM90-AD17-D050-A22-Z05-H AFM90-AD17-D063-A22-Z05-H AFM90-AD17-D080-A27-Z06-H AFM90-AD17-D100-A32-Z07-H

PRMT UCUNA UYGUNDUR.
COMPATIBLE WITH PRMT INSERT.

90°	AEM90-RT..	Uç / Insert	Takım Kodu / Tool Code
	RT 0702..		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..		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..		AEM90-RT13-D32-C32-L250-Z04
	RT 1604..		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

PRMT UCUNA UYGUNDUR.
COMPATIBLE WITH PRMT INSERT.

90°	AEM90-TNG10	Uç / Insert	Takım Kodu / Tool Code
	TNGX 1004..		AEM90-TNG10-D20-M10-L26-Z02-H AEM90-TNG10-D20-M10-L26-Z03-H AEM90-TNG10-D21-M10-L25-Z03-H AEM90-TNG10-D25-M12-L33-Z03-H AEM90-TNG10-D25-M12-L33-Z04-H AEM90-TNG10-D26-M12-L30-Z04-H AEM90-TNG10-D32-M16-L43-Z04-H AEM90-TNG10-D32-M16-L43-Z05-H AEM90-TNG10-D33-M16-L43-Z05-H AEM90-TNG10-D35-M16-L43-Z05-H

PRMT UCUNA UYGUNDUR.
COMPATIBLE WITH PRMT INSERT.

90°	AEM90-AD..	Uç / Insert	Takım Kodu / Tool Code
	ADMX 0702..		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..		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

PRMT UCUNA UYGUNDUR.
COMPATIBLE WITH PRMT INSERT.

90°	AEM90-RT10	Uç / Insert	Takım Kodu / Tool Code
	RT 0702..		AEM90-RT07-D13-M06-L20-Z02-H AEM90-RT10-D16-M08-L20-Z02-H AEM90-RT10-D17-M08-L20-Z02-H AEM90-RT10-D20-M10-L25-Z03-H AEM90-RT10-D21-M10-L25-Z03-H AEM90-RT10-D26-M12-L35-Z03-H AEM90-RT10-D26-M12-L35-Z04-H AEM90-RT10-D25-M12-L30-Z04-H AEM90-RT10-D32-M16-L43-Z05-H AEM90-RT10-D42-M16-L43-Z06-H
	RT 1003..		

PRMT UCUNA UYGUNDUR.
COMPATIBLE WITH PRMT INSERT.

90°	AFM90-RT..	Uç / Insert	Takım Kodu / Tool Code
	RT 1003..		AFM90-RT10-D040-A16-Z06-H AFM90-RT10-D050-A22-Z07-H AFM90-RT10-D063-A22-Z09-H
	RT 1606..		AFM90-RT16-D040-A16-Z04-H AFM90-RT16-D063-A22-Z06-H AFM90-RT16-D080-A27-Z07-H AFM90-RT16-D125-B40-Z09

PRMT UCUNA UYGUNDUR.
COMPATIBLE WITH PRMT INSERT.

90°	AEM90-TNG10	Uç / Insert	Takım Kodu / Tool Code
	TNGX 1004..		AEM90-TNG10-D20-W20-L90-Z02-H AEM90-TNG10-D20-W20-L90-Z03-H 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-W25-L100-Z03-H AEM90-TNG10-D25-W25-L100-Z04-H AEM90-TNG10-D25-C25-L150-Z04-H AEM90-TNG10-D25-C25-L170-Z04-H AEM90-TNG10-D26-C25-L250-Z04-H AEM90-TNG10-D28-W25-L100-Z04-H AEM90-TNG10-D32-W32-L110-Z04-H AEM90-TNG10-D32-W32-L110-Z05-H AEM90-TNG10-D32-C32-L170-Z04-H AEM90-TNG10-D32-C32-L170-Z05-H AEM90-TNG10-D33-C32-L250-Z05-H
	TNGX 1606..		AEM90-TNG16-D25-C25-L170-Z02-H AEM90-TNG16-D25-C25-L170-Z02-H80 AEM90-TNG16-D25-W25-L110-Z02-H AEM90-TNG16-D32-C25-L195-Z02-H AEM90-TNG16-D32-C25-L195-Z03-H AEM90-TNG16-D32-C32-L195-Z02-H AEM90-TNG16-D32-C32-L195-Z02-H80 AEM90-TNG16-D32-C32-L195-Z03-H AEM90-TNG16-D32-W32-L110-Z03-H AEM90-TNG16-D35-C32-L195-Z04-H AEM90-TNG16-D40-W32-L120-Z04-H

PRMT UCUNA UYGUNDUR.
COMPATIBLE WITH PRMT INSERT.

Frezeleme Takımları / Milling Tools

90°	AFM90-TNG10	Uç / Insert	Takım Kodu / Tool Code	-°	AHFM-BN10T3	Uç / Insert	Takım Kodu / Tool Code
	TNGX 1004..	AFM90-TNG10-D040-A16-Z04-H AFM90-TNG10-D040-A16-Z06-H AFM90-TNG10-D050-A22-Z05-H AFM90-TNG10-D050-A22-Z07-H AFM90-TNG10-D063-A22-Z06-H AFM90-TNG10-D063-A22-Z09-H AFM90-TNG10-D080-A27-Z10-H			BNGX 10T3..	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	
PRMT UCUNA UYGUNDUR. COMPATIBLE WITH PRMT INSERT.	TNGX 1606..	AFM90-TNG16-D040-A16-Z03-H AFM90-TNG16-D040-A16-Z04-H AFM90-TNG16-D050-A22-Z04-H AFM90-TNG16-D050-A22-Z05-H AFM90-TNG16-D063-A22-Z04-H AFM90-TNG16-D063-A22-Z06-H AFM90-TNG16-D080-A27-Z05-H AFM90-TNG16-D080-A27-Z07-H AFM90-TNG16-D100-A32-Z06-H AFM90-TNG16-D100-A32-Z08-H AFM90-TNG16-D115-A32-Z06-H AFM90-TNG16-D125-A40-Z07-H AFM90-TNG16-D125-A40-Z09-H AFM90-TNG16-D140-B40-Z08-H AFM90-TNG16-D160-C40-Z10-H AFM90-TNG16-D175-C40-Z10-H		PRMT UCUNA UYGUNDUR. COMPATIBLE WITH PRMT INSERT.			

-°	AHFM-BN10T3	Uç / Insert	Takım Kodu / Tool Code	-°	AHFM-BN10T3	Uç / Insert	Takım Kodu / Tool Code
	BNGX 10T3..	AHFM-BN10T3-D040-A16-Z05-H AHFM-BN10T3-D042-A16-Z05-H AHFM-BN10T3-D050-A22-Z07-H AHFM-BN10T3-D052-A22-Z07-H			BNGX 10T3..	AHFM-BN10T3-D16-M08-L25-Z02-H AHFM-BN10T3-D20-M10-L30-Z04-H AHFM-BN10T3-D25-M12-L33-Z05-H AHFM-BN10T3-D32-M16-L40-Z06-H AHFM-BN10T3-D40-M16-L43-Z06-H	
PRMT UCUNA UYGUNDUR. COMPATIBLE WITH PRMT INSERT.				PRMT UCUNA UYGUNDUR. COMPATIBLE WITH PRMT INSERT.			

90°	AEM90-XC13	Uç / Insert	Takım Kodu / Tool Code	-°	AHFM-SN1104	Uç / Insert	Takım Kodu / Tool Code
	XCKX 13T3..	AEM90-XC13-D20-W20-L150-Z02 AEM90-XC13-D25-W25-L150-Z03 AEM90-XC13-D32-W32-L150-Z04			SN.. 1104..	AHFM-SN1104-D042-A16-Z04-H AHFM-SN1104-D050-A22-Z05-H AHFM-SN1104-D050-A22-Z06-H AHFM-SN1104-D052-A22-Z05-H AHFM-SN1104-D052-A22-Z06-H AHFM-SN1104-D063-A22-Z06-H AHFM-SN1104-D066-A27-Z06-H AHFM-SN1104-D080-A27-Z07-H AHFM-SN1104-D080-A27-Z09-H AHFM-SN1104-D100-A32-Z08-H AHFM-SN1104-D125-B40-Z08-H	
SC UCUNA UYGUNDUR. COMPATIBLE WITH SC INSERT.				PRMT UCUNA UYGUNDUR. COMPATIBLE WITH PRMT INSERT.			

90°	AFM90-X012	Uç / Insert	Takım Kodu / Tool Code	90°	AEM90-X0..	Uç / Insert	Takım Kodu / Tool Code
	X0.. 1204..	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			X0.. 0602..	AEM90-X006-D10-C10-L100-Z02-H AEM90-X006-D10-C12-L120-Z02	
SC UCUNA UYGUNDUR. COMPATIBLE WITH SC INSERT.					X0.. 0903..	AEM90-X009-D12-C12-L120-Z02 AEM90-X009-D12-C12-L120-Z02-H	
					X0.. 1204..	AEM90-X012-D16-W16-L150-Z02 AEM90-X012-D20-W20-L150-Z03 AEM90-X012-D16-C16-L170-Z02-H AEM90-X012-D20-C20-L170-Z03-H AEM90-X012-D20-C19-L170-Z03-H AEM90-X012-D20-C20-L170-Z03-H 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-L170-Z03-H AEM90-X012-D25-C25-L200-Z03 AEM90-X012-D32-C25-L150-Z04 AEM90-X012-D32-W32-L150-Z04 AEM90-X012-D32-C32-L250-Z04	
				SC UCUNA UYGUNDUR. COMPATIBLE WITH SC INSERT.			

75°	AFM75-X012	Uç / Insert	Takım Kodu / Tool Code	90°	AEM90-XN..	Uç / Insert	Takım Kodu / Tool Code
	X0.. 1204..	AFM75-X012-D050-A22-Z04-H AFM75-X012-D063-A22-Z05-H AFM75-X012-D080-A27-Z06-H			XNEX 0403..	AEM90-XN0403-D16-C16-L100-Z01-H AEM90-XN0403-D22-C20-L110-Z03-H	
SC UCUNA UYGUNDUR. COMPATIBLE WITH SC INSERT.					XNEX 0806..	AEM90-XN0806-D32-C32-L110-Z02-H	
				SC UCUNA UYGUNDUR. COMPATIBLE WITH SC INSERT.			

Frezeleme Takımları / Milling Tools

70 / 71

90°  SC UCUNA UYGUNDUR. COMPATIBLE WITH SC INSERT.	AEM90-XN043 Uç / Insert XNEX 0403.. Takım Kodu / Tool Code AEM90-XN0403-D32-M16-L43-Z05-H AEM90-XN0403-D42-M16-L43-Z06-H	90°  SC UCUNA UYGUNDUR. COMPATIBLE WITH SC INSERT.	AFM90-XN.. Uç / Insert XNEX 0403.. XNEX 0806.. Takım Kodu / Tool Code AFM90-XN0403-D040-A16-Z05-H AFM90-XN0806-D050-A22-Z04-H AFM90-XN0806-D050-A22-Z05-H AFM90-XN0806-D063-A22-Z05-H AFM90-XN0806-D080-A27-Z07-H AFM90-XN0806-D100-A32-Z08-H
88°  SC UCUNA UYGUNDUR. COMPATIBLE WITH SC INSERT.	AFM88-SN12SC Uç / Insert SN.. 1204.. Takım Kodu / Tool Code AFM88-SN12SC-D050-A22-Z05-H AFM88-SN12SC-D063-A22-Z06-H AFM88-SN12SC-D080-A27-Z07-H AFM88-SN12SC-D100-A32-Z08-H	90°  SC UCUNA UYGUNDUR. COMPATIBLE WITH SC INSERT.	AFM90-L008 Uç / Insert LOEX 0804.. Takım Kodu / Tool Code AFM90-L008-D040-A16-Z06-H AFM90-L008-D050-A22-Z07-H AFM90-L008-D063-A27-Z06-H
90°  SFTY UCUNA UYGUNDUR. COMPATIBLE WITH SFTY INSERT.	AEM90-RT.. Uç / Insert RT 0702.. RT 1003.. RT 1304.. RT 1604.. Takım Kodu / Tool Code AEM90-RT07-D10-W10-L120-Z02 AEM90-RT07-D12-C12-L120-Z02 AEM90-RT07-D12-W12-L120-Z02 AEM90-RT07-D14-W12-L120-Z02 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 AEM90-RT13-D32-C32-L250-Z04 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	90°  SFTY UCUNA UYGUNDUR. COMPATIBLE WITH SFTY INSERT. 90°  SMTM UCUNA UYGUNDUR. COMPATIBLE WITH SMTM INSERT. 90°  SMTM UCUNA UYGUNDUR. COMPATIBLE WITH SMTM INSERT.	AFM90-RT.. Uç / Insert RT 1003.. RT 1606.. Takım Kodu / Tool Code AFM90-RT10-D040-A16-Z06-H AFM90-RT10-D050-A22-Z07-H AFM90-RT10-D063-A22-Z09-H AFM90-RT16-D040-A16-Z04-H AFM90-RT16-D063-A22-Z06-H AFM90-RT16-D080-A27-Z07-H AFM90-RT16-D125-B40-Z09 AEM90-AP10S Uç / Insert AP.. 1003.. Takım Kodu / Tool Code AEM90-AP10S-D16-W16-L150-Z02 AEM90-AP10S-D20-W20-L150-Z02 AEM90-AP10S-D25-W25-L150-Z03 AEM90-AX.. Uç / Insert AX.T 1235.. AX.T 1705.. Takım Kodu / Tool Code 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

Frezeleme Takımları / Milling Tools

90° AEM90-AX..  SMTM UCUNA UYGUNDUR. COMPATIBLE WITH SMTM INSERT.	Uç / Insert AX.T 1235.. 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 AX.T 1705.. 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	90° AEM90-AX..  SMTM UCUNA UYGUNDUR. COMPATIBLE WITH SMTM INSERT. Uç / Insert AX.T 1235.. AEM90-AX1235-D16-M08-L30-Z02-H AEM90-AX1235-D20-M10-L30-Z03-H AEM90-AX1235-D25-M12-L35-Z04-H AX.T 1705.. AEM90-AX1705-D25-M12-L43-Z02-H AEM90-AX1705-D32-M16-L43-Z02-H
90° AEM90-S0803  SMTM UCUNA UYGUNDUR. COMPATIBLE WITH SMTM INSERT.	Uç / Insert SOMT 0803.. AEM90-S00803-D20-C16-L110-Z02-H AEM90-S00803-D25-C20-L110-Z02-H AEM90-S00803-D32-C25-L120-Z03-H	90° AFM90-AX1705  SMTM UCUNA UYGUNDUR. COMPATIBLE WITH SMTM INSERT. Uç / Insert AX.T 1235.. 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.. 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
-° AEMR-QP10T3  SMTM UCUNA UYGUNDUR. COMPATIBLE WITH SMTM INSERT.	Uç / Insert QP.. 10T3.. AEMR-QP10T3-D25-M12-L35-Z02-H AEMR-QP10T3-D32-M16-L43-Z03-H	-° AEMR-QP..  SMTM UCUNA UYGUNDUR. COMPATIBLE WITH SMTM INSERT. Uç / Insert QP.. 10T3.. 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 QP.. 1204.. AEMR-QP1204-D25-C25-L150-Z02-H
-° AHFCM-WD..  SMTM UCUNA UYGUNDUR. COMPATIBLE WITH SMTM INSERT.	Uç / Insert WDMT 0603.. AHFCM-WD0603-D16-C16-L150-Z02 AHFCM-WD0603-D20-C20-L150-Z03 WDMT 0804.. AHFCM-WD0804-D25-C25-L150-Z02 AHFCM-WD0804-D32-C32-L150-Z03 WDMT 1205 AHFCM-WD1205-D32-C32-L150-Z02	-° AFMR-QP..  SMTM UCUNA UYGUNDUR. COMPATIBLE WITH SMTM INSERT. Uç / Insert QP.. 10T3.. AFMR-QP10T3-D040-A16-Z04-H AFMR-QP10T3-D050-A22-Z05-H AFMR-QP10T3-D063-A22-Z06-H QP.. 1204. AFMR-QP1204-D050-A22-Z04-H AFMR-QP1204-D063-A22-Z05-H
-° AHFCM-WD..  SMTM UCUNA UYGUNDUR. COMPATIBLE WITH SMTM INSERT.	Uç / Insert WDMT 0804.. AHFCM-WD0804-D040-A16-Z04-H AHFCM-WD0804-D050-A22-Z04-H AHFCM-WD1205-D050-A22-Z04-H WDMT 1205.. AHFCM-WD1205-D052-A22-Z04-H AHFCM-WD1205-D063-A22-Z05-H AHFCM-WD1205-D080-A27-Z06-H	-° AHFCM-WD0804  SMTM UCUNA UYGUNDUR. COMPATIBLE WITH SMTM INSERT. Uç / Insert WDMT 0804.. AHFCM-WD0804-D25-M12-L35-Z02-H AHFCM-WD0804-D32-M16-L35-Z03-H
90° AEM90-R390  SNDVK UCUNA UYGUNDUR. COMPATIBLE WITH SNDVK INSERT.	Uç / Insert R390-11T3.. AEM90-R390.11-D12-W12-L100-Z01 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	Uç / Insert R390-11T3.. 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 R390-1704.. 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 R390-1806.. AEM90-R390.18-D32-C32-L150-Z03 AEM90-R390.18-D40-C32-L150-Z04-H

90°	AEM90-R390.11	Uç / Insert	Takım Kodu / Tool Code
		R390-11T3	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
SNDVK UCUNA UYGUNDUR. COMPATIBLE WITH SNDVK INSERT.			

45°	AFM45-SE..	Uç / Insert	Takım Kodu / Tool Code
		SE.. 12T3.. R245-12T3..	AFM45-SE12-D050-A22-Z04-H AFM45L-SE12-D050-A22-Z04-H AFM45-SE12-D063-A22-Z05-H AFM45L-SE12-D063-A22-Z05-H AFM45-SE12-D080-A27-Z06-H AFM45L-SE12-D080-A27-Z06-H AFM45-SE12-D100-A32-Z07-H AFM45-SE12-D125-B40-Z08 AFM45-SE12-D160-C40-Z10 AFM45L-SE12-D160-C40-Z10 AFM45-SE12-D200-C60-Z12
SNDVK UCUNA UYGUNDUR. COMPATIBLE WITH SNDVK INSERT.			

90°	AFM90-490R14	Uç / Insert	Takım Kodu / Tool Code
		490R-08T3.. 490R-1404..	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-D125-B40-Z12 AFM90-490R14-D160-C40-Z12 AFM90-490R14-D200-C60-Z16
SNDVK UCUNA UYGUNDUR. COMPATIBLE WITH SNDVK INSERT.			

°	AFMR-RC1204	Uç / Insert	Takım Kodu / Tool Code
		RC.. 1204..	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
SNDVK UCUNA UYGUNDUR. COMPATIBLE WITH SNDVK INSERT.			

90°	AFM90-AN1607	Uç / Insert	Takım Kodu / Tool Code
		AN.X 1607..	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
TGTC UCUNA UYGUNDUR. COMPATIBLE WITH TGTC INSERT.			

90°	AEM90-4N06	Uç / Insert	Takım Kodu / Tool Code
		4NKT 0603..	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 AEM90-4N06-D20-W20-L160-Z03
TGTC UCUNA UYGUNDUR. COMPATIBLE WITH TGTC INSERT.			

90°	AFM90-R390..	Uç / Insert	Takım Kodu / Tool Code
		R390-11T3.. R390-1704.. R390-1806..	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 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 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
SNDVK UCUNA UYGUNDUR. COMPATIBLE WITH SNDVK INSERT.			

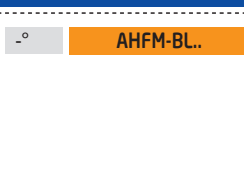
90°	AFM90-R290.12	Uç / Insert	Takım Kodu / Tool Code
		R290-12T3..	AFM90-R290.12-D050-A22-Z04-H AFM90-R290.12-D063-A22-Z05-H AFM90-R290.12-D080-A27-Z07-H AFM90-R290.12-D100-A32-Z09-H AFM90-R290.12-D125-B40-Z11
SNDVK UCUNA UYGUNDUR. COMPATIBLE WITH SNDVK INSERT.			

90°	AFM90-SP09T3	Uç / Insert	Takım Kodu / Tool Code
		SPMT 09T3..	AFM90-SP09T3-D040-A16-Z05-H AFM90-SP09T3-D050-A22-Z06-H AFM90-SP09T3-D063-A22-Z07-H AFM90-SP09T3-D080-A27-Z08-H
SNDVK UCUNA UYGUNDUR. COMPATIBLE WITH SNDVK INSERT.			

90°	AEM90-AX..	Uç / Insert	Takım Kodu / Tool Code
		AX.T 0602.. AX.T 0903..	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 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
TGTC UCUNA UYGUNDUR. COMPATIBLE WITH TGTC INSERT.			

90°	AEM90-AN1607	Uç / Insert	Takım Kodu / Tool Code
		AN.X 1607..	AEM90-AN1607-D32-C25-L150-Z02 AEM90-AN1607-D40-C32-L150-Z03
TGTC UCUNA UYGUNDUR. COMPATIBLE WITH TGTC INSERT.			

Frezeleme Takımları / Milling Tools

90° AFM90-4N06  TGTC UCUNA UYGUNDUR. COMPATIBLE WITH TGTC INSERT.	Uç / Insert 4NKT 0603..	Takım Kodu / Tool Code AFM90-4N06-D040-A16-Z05-H AFM90-4N06-D050-A22-Z06-H	90° AEM90-AP.  TGTC UCUNA UYGUNDUR. COMPATIBLE WITH TGTC INSERT.	Uç / Insert APKT 09T3..	Takım Kodu / Tool Code 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 AEM90-AP09-D21-C20-L150-Z03 AEM90-AP09-D21-C20-L180-Z02-H AEM90-AP09-D26-C25-L150-Z04
90° AEM90-3P..  TGTC UCUNA UYGUNDUR. COMPATIBLE WITH TGTC INSERT.	Uç / Insert 3P.T 060308 3P.T 100408 3P.T 150508	Takım Kodu / Tool Code AEM90-3P0603-D12-C12-L120-Z01-H AEM90-3P0603-D16-W16-L120-Z03-H AEM90-3P0603-D20-W20-L150-Z03-H AEM90-3P0603-D25-W25-L150-Z05-H AEM90-3P1004-D20-W20-L150-Z02 AEM90-3P1004-D21-C20-L200-Z02 AEM90-3P1004-D22-W20-L150-Z02 AEM90-3P1004-D25-W25-L150-Z03 AEM90-3P1004-D26-C25-L200-Z02 AEM90-3P1004-D26-C25-L250-Z02 AEM90-3P1004-D33-C32-L200-Z03 AEM90-3P1004-D33-C32-L250-Z03 AEM90-3P1505-D32-W32-L150-Z03 AEM90-3P1505-D38-W32-L150-Z03 AEM90-3P1505-D40-W32-L150-Z04	90° AFM90-3P..  TGTC UCUNA UYGUNDUR. COMPATIBLE WITH TGTC INSERT.	Uç / Insert AP.. 1204.. AP.. 1705..	Takım Kodu / Tool Code AEM90-AP1204-D20-C20-L150-Z02 AEM90-AP1204-D21-C20-L150-Z02 AEM90-AP1204-D21-C20-L200-Z02 AEM90-AP1204-D22-C20-L200-Z02 AEM90-AP1204-D25-C25-L150-Z03 AEM90-AP1204-D25-C25-L250-Z03 AEM90-AP1204-D26-C25-L250-Z02 AEM90-AP1204-D32-C25-L150-Z03 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-D33-C32-L250-Z03 AEM90-AP1705-D33-C32-L300-Z02
90° AEM90-3P1004  TGTC UCUNA UYGUNDUR. COMPATIBLE WITH TGTC INSERT.	Uç / Insert 3P.T 1004..	Takım Kodu / Tool Code AEM90-3P1004-D20-M10-L35-Z02 AEM90-3P1004-D32-M16-L43-Z05-H	90° AFM90-3P..  TGTC UCUNA UYGUNDUR. COMPATIBLE WITH TGTC INSERT.	Uç / Insert 3PKT 1004.. 3PKT 1505.. 3PKT 1906..	Takım Kodu / Tool Code AFM90-3P1004-D040-A16-Z05-H AFM90-3P1004-D050-A22-Z06-H AFM90-3P1505-D050-A22-Z04-H AFM90-3P1505-D050-A22-Z05-H 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 AFM90-3P1906-D080-A27-Z07-H AFM90-3P1906-D100-A32-Z08-H AFM90-3P1906-D125-B40-Z10
-° AEMR-RY..  TGTC UCUNA UYGUNDUR. COMPATIBLE WITH TGTC INSERT.	Uç / Insert RYMX 0803.. RYMX 1004.. RYMX 1205..	Takım Kodu / Tool Code AEMR-RY08-D16-W16-L150-Z02 AEMR-RY10-D20-W20-L150-Z02 AEMR-RY10-D20-C20-L200-Z02 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 AEMR-RY12-D32-C25-L160-Z03	-° AHFM-BL..  TGTC UCUNA UYGUNDUR. COMPATIBLE WITH TGTC INSERT.	Uç / Insert BLMP 0603.. BLMP 0904..	Takım Kodu / Tool Code 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-D30-C25-L150-Z05 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 AHFM-BL0904-D28-W25-L180-Z03
-° AFMR-RY..  TGTC UCUNA UYGUNDUR. COMPATIBLE WITH TGTC INSERT.	Uç / Insert RYMX 1004.. RYMX 1205..	Takım Kodu / Tool Code AFMR-RY10-D040-A16-Z04-H AFMR-RY10-D040-A16-Z05-H AFMR-RY10-D050-A22-Z05-H AFMR-RY10-D063-A22-Z06-H 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	-° AEMR-RY..  TGTC UCUNA UYGUNDUR. COMPATIBLE WITH TGTC INSERT.	Uç / Insert RYMX 1004.. RYMX 1205..	Takım Kodu / Tool Code AEMR-RY10-D25-M12-L43-Z03-H AEMR-RY10-D32-M16-L43-Z04-H AEMR-RY10-D40-M16-L43-Z05-H AEMR-RY12-D32-M16-L43-Z03-H AEMR-RY12-D40-M16-L43-Z03-H

Frezeleme Takımları / Milling Tools

74 / 75

 TGTC UCUNA UYGUNDUR. COMPATIBLE WITH TGTC INSERT.	AHFM-BL... Uç / Insert BLMP 0603 BLMP 0904	Takım Kodu / Tool Code AHFM-BL0603-D17-M08-L35-Z02-H AHFM-BL0603-D20-M10-L30-Z03-H AHFM-BL0603-D21-M10-L35-Z03-H AHFM-BL0903-D25-M12-L35-Z04-H AHFM-BL0903-D32-M16-L40-Z05-H AHFM-BL0904-D32-M16-L40-Z04-H AHFM-BL0904-D32-M16-L43-Z04-H AHFM-BL0904-D42-M16-L43-Z05-H	 TGTC UCUNA UYGUNDUR. COMPATIBLE WITH TGTC INSERT.	AHFM-BL... Uç / Insert BLMP 0603.. BLMP 0904..	Takım Kodu / Tool Code AHFM-BL0603-D040-A16-Z06-H AHFM-BL0603-D050-A22-Z07-H AHFM-BL0904-D040-A16-Z05-H AHFM-BL0904-D050-A22-Z06-H AHFM-BL0904-D063-A22-Z05-H AHFM-BL0904-D063-A22-Z07-H
 TGTC UCUNA UYGUNDUR. COMPATIBLE WITH TGTC INSERT.	AHM90-AP1204 Uç / Insert AP.. 1204..	Takım Kodu / Tool Code AHM90-AP1204-D32-W32-L140-Z0212-H AHM90-AP1204-D40-W32-L160-Z0321-H	 TGTC UCUNA UYGUNDUR. COMPATIBLE WITH TGTC INSERT.	AFM90-AP1705 Uç / Insert AP.. 1705..	Takım Kodu / Tool Code AFM90-AP1705-D050-A22-Z05-H AFM90-AP1705-D063-A22-Z06-H AFM90-AP1705-D080-A27-Z07-H AFM90-AP1705-D100-A32-Z08-H
 TGTC UCUNA UYGUNDUR. COMPATIBLE WITH TGTC INSERT.	AHFM-BL1205 Uç / Insert BLMP 1205..	Takım Kodu / Tool Code AHFM-BL1205-D050-A22-Z03-H AHFM-BL1205-D063-A22-Z04-H AHFM-BL1205-D080-A27-Z05-H	 TGTC UCUNA UYGUNDUR. COMPATIBLE WITH TGTC INSERT.	AFM45-SN1306 Uç / Insert SNGX 1306..	Takım Kodu / Tool Code AFM45-SN1306-D050-A22-Z05-H AFM45-SN1306-D063-A22-Z06-H AFM45-SN1306-D080-A27-Z07-H AFM45-SN1306-D100-A32-Z08-H
 TGTC UCUNA UYGUNDUR. COMPATIBLE WITH TGTC INSERT.	AFM88-SN1306 Uç / Insert SNGX 1306..	Takım Kodu / Tool Code AFM88-SN1306-D050-A22-Z05-H AFM88-SN1306-D063-A22-Z06-H AFM88-SN1306-D080-A27-Z07-H	 TGTC UCUNA UYGUNDUR. COMPATIBLE WITH TGTC INSERT.	AFM45-XN0906 Uç / Insert XNMM 0906..	Takım Kodu / Tool Code AFM45-XN0906-D063-A22-Z06-H AFM45-XN0906-D080-A27-Z06-H AFM45-XN0906-D100-A32-Z07-H AFM45-XN0906-D125-B40-Z08
 TGTC UCUNA UYGUNDUR. COMPATIBLE WITH TGTC INSERT.	AFM90-TN2207 Uç / Insert TN.X 2207..	Takım Kodu / Tool Code AFM90-TN2207-D063-A22-Z04-H AFM90-TN2207-D080-A27-Z05-H AFM90-TN2207-D100-B32-Z06 AFM90-TN2207-D125-B40-Z08	 TGTC UCUNA UYGUNDUR. COMPATIBLE WITH TGTC INSERT.	AFM90-TP2205 Uç / Insert TPKT 2205..	Takım Kodu / Tool Code 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
 TGTC UCUNA UYGUNDUR. COMPATIBLE WITH TGTC INSERT.	ATSM90-SP.. Uç / Insert SPMG 050204 SPMG 060204	Takım Kodu / Tool Code ATSM90-SP.05-D22.5X5-W25-L100-Z04 ATSM90-SP.05-D25X5-W25-L100-Z04 ATSM90-SP.05-D30X5-W25-L100-Z04 ATSM90-SP.06-D80X7-W32-L120-Z10	 TNGLY UCUNA UYGUNDUR. COMPATIBLE WITH TNGLY INSERT.	AHFM-LN0303 Uç / Insert LNMM 0303..	Takım Kodu / Tool Code AHFM-LN0303-D16-C15-L150-Z02 AHFM-LN0303-D16-W16-L150-Z02-H AHFM-LN0303-D17-C16-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-D28-C25-L180-Z03 AHFM-LN0303-D33-C32-L200-Z05
 TNGLY UCUNA UYGUNDUR. COMPATIBLE WITH TNGLY INSERT.	AHFM-LN0303 Uç / Insert LNMM 0303..	Takım Kodu / Tool Code AHFM-LN0303-D25-M12-L35-Z04-H AHFM-LN0303-D32-M16-L43-Z05-H AHFM-LN0303-D42-M16-L43-Z06-H	 TNGLY UCUNA UYGUNDUR. COMPATIBLE WITH TNGLY INSERT.	AHFM-LN0303 Uç / Insert LNMM 0303..	Takım Kodu / Tool Code AHFM-LN0303-D040-A16-Z06-H AHFM-LN0303-D050-A22-Z07-H AHFM-LN0303-D063-A22-Z09-H

45°	AFM45C-SN..	Uç / Insert	Takım Kodu / Tool Code
		SN.. 12....	AFM45C-SN12..-D050-A22-Z04-H AFM45C-SN12..-D050-A22-Z05-H AFM45C-SN12..-D063-A22-Z06-H AFM45C-SN12..-D063-A22-Z07-H AFM45CL-SN12..-D063-A22-Z07-H AFM45C-SN12..-D080-A27-Z07-H AFM45C-SN12..-D080-A27-Z08-H AFM45CL-SN12..-D080-A27-Z08-H AFM45C-SN12..-D100-A32-Z08-H AFM45C-SN12..-D100-A32-Z10-H AFM45CL-SN12..-D100-A32-Z10-H AFM45C-SN12..-D125-B40-Z11 AFM45CL-SN12..-D125-B40-Z11 AFM45C-SN12..-D160-C40-Z12 AFM45C-SN12..-D200-C60-Z14 AFM45CL-SN12..-D200-C60-Z14
	WLTR UCUNA UYGUNDUR. COMPATIBLE WITH WLTR INSERT.		

-°	AFMRC-R020	Uç / Insert	Takım Kodu / Tool Code
		ROMX 2006..	AFMRC-R020-D063-A22-Z05-H AFMRC-R020-D080-A27-Z06-H
	WLTR UCUNA UYGUNDUR. COMPATIBLE WITH WLTR INSERT.		

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

90°	AEM90-LN1106	Uç / Insert	Takım Kodu / Tool Code
		LNMT 1106..	AEM90-LN1106-D25-W25-L150-Z03 AEM90-LN1106-D32-W32-L150-Z04 AEM90-LN1106-D40-W32-L150-Z05
	XTC-GSC UCUNA UYGUNDUR. COMPATIBLE WITH XTC-GSC INSERT.		

90°	AEM90-WNG04..	Uç / Insert	Takım Kodu / Tool Code
		WNGU 0403....	AEM90-WNG04-D20-W20-L81-Z02-H AEM90-WNG04-D20-W20-L81-Z03-H AEM90-WNG04-D20-C20-L170-Z02-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-Z02-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-C32-L170-Z03-H AEM90-WNG04-D32-C32-L170-Z04-H AEM90-WNG08-D32-C32-L170-Z02-H AEM90-WNG08-D40-W32-L100-Z03-H AEM90-WNG08-D40-W40-L110-Z03-H AEM90-WNG08-D40-C32-L170-Z03-H
		WNGU 0806..	
	XTC-GSC UCUNA UYGUNDUR. COMPATIBLE WITH XTC-GSC INSERT.		

90°	AFM90-WNG	Uç / Insert	Takım Kodu / Tool Code
		WNGU 0403..	AFM90-WNG04-D040-A16-Z06-H AFM90-WNG04-D050-A22-Z05-H AFM90-WNG04-D050-A22-Z07-H AFM90-WNG04-D063-A22-Z06-H
		WNGU 0806..	AFM90-WNG08-D050-A22-Z05-H AFM90-WNG08-D063-A22-Z06-H AFM90-WNG08-D080-A27-Z07-H AFM90-WNG08-D100-A32-Z07-H
	XTC-GSC UCUNA UYGUNDUR. COMPATIBLE WITH XTC-GSC INSERT.		

90°	AFM90-LN1306W	Uç / Insert	Takım Kodu / Tool Code
		LNHU 1306..	AFM90-LN1306W-D040-A16-Z04-H AFM90-LN1306W-D050-A22-Z05-H AFM90-LN1306W-D063-A22-Z06-H AFM90-LN1306W-D080-A27-Z07-H AFM90-LN1306W-D100-A32-Z08-H
	WLTR UCUNA UYGUNDUR. COMPATIBLE WITH WLTR INSERT.		

90°	AFM90-LN1307	Uç / Insert	Takım Kodu / Tool Code
		LNGX 1307..	AFM90-LN1307-D050-A22-Z04-H AFM90-LN1307-D063-A22-Z06-H AFM90-LN1307-D080-A27-Z07-H AFM90-LN1307-D100-A32-Z08-H
	WLTR UCUNA UYGUNDUR. COMPATIBLE WITH WLTR INSERT.		

90°	AEM90-AN1207	Uç / Insert	Takım Kodu / Tool Code
		ANKX 1207..	AEM90-AN1207-D25-W25-L150-Z02 AEM90-AN1207-D32-W32-L150-Z03 AEM90-AN1207-D40-W32-L150-Z04
	XTC-GSC UCUNA UYGUNDUR. COMPATIBLE WITH XTC-GSC INSERT.		

90°	AEM90-AP1135	Uç / Insert	Takım Kodu / Tool Code
		AP.. 1135..	AEM90-AP1135-D16-W16-L110-Z02-H AEM90-AP1135-D16-W16-L150-Z02 AEM90-AP1135-D20-W20-L125-Z03-H AEM90-AP1135-D20-W20-L150-Z03 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
		APKT 1135..	AEM90-AP1135G-D16-W16-L150-Z02 AEM90-AP1135G-D20-W20-L150-Z03 AEM90-AP1135G-D25-W25-L150-Z03
	XTC-GSC UCUNA UYGUNDUR. COMPATIBLE WITH XTC-GSC INSERT.		

90°	AFM90-LN1506X	Uç / Insert	Takım Kodu / Tool Code
		LNMT 1506..	AFM90-LN1506X-D063-A22-Z06 AFM90-LN1506X-D080-A27-Z07 AFM90-LN1506X-D100-A32-Z08
	XTC-GSC UCUNA UYGUNDUR. COMPATIBLE WITH XTC-GSC INSERT.		

90°	AEM90-AP1135Y	Uç / Insert	Takım Kodu / Tool Code
		APMT 1135..	AEM90-AP1135Y-D16-C16-L120-Z02-H AEM90-AP1135Y-D16-W16-L150-Z02 AEM90-AP1135Y-D17-C16-L150-Z02 AEM90-AP1135Y-D20-C20-L120-Z02 AEM90-AP1135Y-D20-W20-L150-Z03 AEM90-AP1135Y-D21-C20-L150-Z03 AEM90-AP1135Y-D25-W25-L150-Z03 AEM90-AP1135Y-D25-C25-L150-Z04-H AEM90-AP1135Y-D26-C25-L150-Z03 AEM90-AP1135Y-D32-W25-L110-Z04
		AP.. 1604..	AEM90-AP16Y-D25-C20-L100-Z02-H AEM90-AP16Y-D25-C25-L120-Z02 AEM90-AP16Y-D25-C25-L150-Z02 AEM90-AP16Y-D25-C25-L250-Z02
	YG UCUNA UYGUNDUR. COMPATIBLE WITH YG INSERT.		

Frezeleme Takımları / Milling Tools

90° AFM90-AP16Y  YG UCUNA UYGUNDUR. COMPATIBLE WITH YG INSERT.	Uç / Insert AP.. 1604.. Takım Kodu / Tool Code 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	90° AEM90-AN11  Uç / Insert ANGX 110508 Takım Kodu / Tool Code 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 ZCC UCUNA UYGUNDUR. COMPATIBLE WITH ZCC INSERT.
90° AFM90-AN..  ZCC UCUNA UYGUNDUR. COMPATIBLE WITH ZCC INSERT.	Uç / Insert ANGX 1105.. ANGX 150608 Takım Kodu / Tool Code 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	90° AEM90-SE09  Uç / Insert SEET 09T3.. Takım Kodu / Tool Code 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 ZCC UCUNA UYGUNDUR. COMPATIBLE WITH ZCC INSERT.
90° AFM90-SE09  ZCC UCUNA UYGUNDUR. COMPATIBLE WITH ZCC INSERT.	Uç / Insert SEET 09T3.. Takım Kodu / Tool Code AFM90-SE09-D040-A16-Z04-H AFM90-SE09-D050-A22-Z05-H AFM90-SE09-D063-A22-Z06-H	90° AFM90-SE12  Uç / Insert SEET 1203.. Takım Kodu / Tool Code 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 ZCC UCUNA UYGUNDUR. COMPATIBLE WITH ZCC INSERT.
90° AEM90-AP11  ZCC UCUNA UYGUNDUR. COMPATIBLE WITH ZCC INSERT.	Uç / Insert AP.. 11T3.... Takım Kodu / Tool Code 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-L200-Z02 AEM90-AP11-D20-C20-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-D22-C20-L180-Z03-H 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-D28-C25-L180-Z03-H AEM90-AP11-D32-W25-L150-Z04 AEM90-AP11-D32-W32-L150-Z03-H AEM90-AP11-D32-W32-L150-Z04	90° AFM90-SE12  Uç / Insert AP.. 11T3.. Takım Kodu / Tool Code 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 ZCC UCUNA UYGUNDUR. COMPATIBLE WITH ZCC INSERT.
90° AEM90-SPGT  ZCC UCUNA UYGUNDUR. COMPATIBLE WITH ZCC INSERT.	Uç / Insert SPGT 0602.. SPGT 07T3.. SPGT 0904.. Takım Kodu / Tool Code AEM90-SPGT0602-D16-W16-L150-Z02 AEM90-SPGT07T3-D20-W20-L150-Z03 AEM90-SPGT07T3-D25-W25-L150-Z03 AEM90-SPGT0904-D30-W32-L150-Z03	90° AEM90-AZ11..  Uç / Insert AZGT 1135.. Takım Kodu / Tool Code 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 ZCC UCUNA UYGUNDUR. COMPATIBLE WITH ZCC INSERT.

90°	ATSM90-SP..	Uç / Insert	Takım Kodu / Tool Code
		SPGT 050204 SPGT 090408 SPGT 110408	ATSM90-SPGT0502-D63X6-W32-L125-Z10 ATSM90-SPGT0904-D32X14-W32-L120-Z04-H ATSM90-SPGT0904-D37X16-W32-L120-Z04-H ATSM90-SPGT0904-D42X17-W32-L120-Z04-H ATSM90-SPGT1104-D47X20-W32-L120-Z04-H
ZCC UCUNA UYGUNDUR. COMPATIBLE WITH ZCC INSERT.			

90°	ASDM-SPGT	Uç / Insert	Takım Kodu / Tool Code
		SPGT 0502.. SPGT 0602.. SPGT 0702..	ASDM-SPGT05-D80x6-d27-Z10 ASDM-SPGT05-D100x6-d32-Z12 ASDM-SPGT05-D125x6-d40-Z14 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 ASDM-SPGT06-D200x7-d40-Z18 ASDM-SPGT07-D100x10-d27-Z10 ASDM-SPGT07-D100x10-d32-Z12
ZCC UCUNA UYGUNDUR. COMPATIBLE WITH ZCC INSERT.			

90°	AEM90-WN0604Z	Uç / Insert	Takım Kodu / Tool Code
		WNHU 0604..	AEM90-WN0604Z-D25-M12-L35-Z02-H AEM90-WN0604Z-D32-M16-L43-Z03-H AEM90-WN0604Z-D40-M16-L43-Z04-H
ZCC UCUNA UYGUNDUR. COMPATIBLE WITH ZCC INSERT.			

-°	AHFM.-SD..	Uç / Insert	Takım Kodu / Tool Code
		SD.. 06T2.. SD.. 09T3.. SD.. 1204..	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 AHFMC-SD09T3-D22-W20-L150-Z02 AHFMC-SD09T3-D25-C25-L150-Z02 AHFMC-SD09T3-D25-W25-L150-Z02 AHFMC-SD09T3-D25-C25-L150-Z03 AHFMC-SD09T3-D28-C25-L150-Z02 AHFMC-SD09T3-D32-C32-L150-Z03 AHFMC-SD09T3-D32-W32-L150-Z03 AHFMC-SD09T3-D32-C32-L150-Z04
ZCC UCUNA UYGUNDUR. COMPATIBLE WITH ZCC INSERT.			

-°	AEMR-RC10T3	Uç / Insert	Takım Kodu / Tool Code
		RC.. 10T3..	AEMR-RC10T3-D25-M12-L35-Z03-H AEMR-RC10T3-D32-M16-L43-Z04-H AEMR-RC10T3-D40-M16-L43-Z05-H
ZCC UCUNA UYGUNDUR. COMPATIBLE WITH ZCC INSERT.			

-°	APMR-RO..	Uç / Insert	Takım Kodu / Tool Code
		ROHX 1203 ROHX 1604 ROHX 2005	APMR-RO12-D12-C12-L120 APMR-RO12-D12-C16-L160 APMR-RO16-D16-C16-L160 APMR-RO16-D16-C16-L200 APMR-RO16-D16-C20-L200 APMR-RO20-D20-C20-L160 APMR-RO20-D20-C20-L200 APMR-RO20-D20-C25-L220
ZCC UCUNA UYGUNDUR. COMPATIBLE WITH ZCC INSERT.			

45°	ACM45-SP11	Uç / Insert	Takım Kodu / Tool Code
		SPGT 110408	ACM45-SP1104-D12x26-W20-L150-Z01 ACM45-SP1104-D25x39-W25-L150-Z02 ACM45-SP1104-D32x46-W32-L150-Z03
ZCC UCUNA UYGUNDUR. COMPATIBLE WITH ZCC INSERT.			

90°	AEM90L-WN0604Z	Uç / Insert	Takım Kodu / Tool Code
		WNHU 0604..	AEM90L-WN0604Z-D25-C25-L200-Z02-H AEM90L-WN0604Z-D25-W25-L150-Z02-H AEM90L-WN0604Z-D32-W32-L150-Z03-H AEM90L-WN0604Z-D40-W32-L150-Z04-H
ZCC UCUNA UYGUNDUR. COMPATIBLE WITH ZCC INSERT.			

90°	AFM90-WN..	Uç / Insert	Takım Kodu / Tool Code
		WNHU 0604.. WNHU 0806..	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
ZCC UCUNA UYGUNDUR. COMPATIBLE WITH ZCC INSERT.			

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

-°	AHFMC-SD1204	Uç / Insert	Takım Kodu / Tool Code
		SD.. 1204..	AHFMC-SD1204-D050-A22-Z04-H AHFMC-SD1204-D063-A22-Z05-H AHFMC-SD1204-D080-A27-Z06-H AHFMC-SD1204-D100-A32-Z08-H
ZCC UCUNA UYGUNDUR. COMPATIBLE WITH ZCC INSERT.			

-°	AFMR-RC10T3	Uç / Insert	Takım Kodu / Tool Code
		RC.. 10T3..	AFMR-RC10T3-D040-A16-Z04-H AFMR-RC10T3-D050-A22-Z05-H AFMR-RC10T3-D063-A22-Z06-H
ZCC UCUNA UYGUNDUR. COMPATIBLE WITH ZCC INSERT.			

-°	APMR-XP..	Uç / Insert	Takım Kodu / Tool Code
		XPHT 16R0803 XPHT 20R10T3 XPHT 25R1204	APMR-XP16-D16-C16-L150 APMR-XP20-D20-C20-L150 APMR-XP25-D25-C25-L150
ZCC UCUNA UYGUNDUR. COMPATIBLE WITH ZCC INSERT.			

Frezeleme Takımları / Milling Tools

-° APMR-XP..  ZCC UCUNA UYGUNDUR. COMPATIBLE WITH ZCC INSERT.	Uç / Insert XPHT 16R0803 XPHT 20R10T3 XPHT 25R1204 Takım Kodu / Tool Code APMR-XP16-D16-M08-L25 APMR-XP20-D20-M10-L30 APMR-XP25-D25-M12-L40	43° AFM43-ON0604  ZCC UCUNA UYGUNDUR. COMPATIBLE WITH ZCC INSERT. Uç / Insert ON.. 0604.. Takım Kodu / Tool Code 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
45° AFM45-SE..  ZCC UCUNA UYGUNDUR. COMPATIBLE WITH ZCC INSERT.	Uç / Insert SE.. 12T3.. R245-12T3.. Takım Kodu / Tool Code AFM45-SE12-D050-A22-Z04-H AFM45L-SE12-D050-A22-Z04-H AFM45-SE12-D063-A22-Z05-H AFM45L-SE12-D063-A22-Z05-H AFM45-SE12-D080-A27-Z06-H AFM45L-SE12-D080-A27-Z06-H AFM45-SE12-D100-A32-Z07-H AFM45-SE12-D125-B40-Z08 AFM45-SE12-D160-C40-Z10 AFM45L-SE12-D160-C40-Z10 AFM45-SE12-D200-C60-Z12	45° AFM45C-SN12Z  ZCC UCUNA UYGUNDUR. COMPATIBLE WITH ZCC INSERT. Uç / Insert SNEG 1205.. Takım Kodu / Tool Code 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
90° AFM90-LN15Z  ZCC UCUNA UYGUNDUR. COMPATIBLE WITH ZCC INSERT.	Uç / Insert LNKT 1506.. Takım Kodu / Tool Code 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	88° AFM88C-SN12Z  ZCC UCUNA UYGUNDUR. COMPATIBLE WITH ZCC INSERT. Uç / Insert SNEG 1205.. Takım Kodu / Tool Code AFM88C-SN12Z-D063-A22-Z06-H AFM88C-SN12Z-D080-A27-Z07-H
67° AFM67-PN1105  ZCC UCUNA UYGUNDUR. COMPATIBLE WITH ZCC INSERT.	Uç / Insert PNEG 1105.. Takım Kodu / Tool Code 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	

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