



# 2025 ÜRÜN BROŞÜRÜ PRODUCT BROCHURE

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



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[f](#) [@](#) [v](#) [in](#) AKKO Metalworking Tools

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

0100/0125

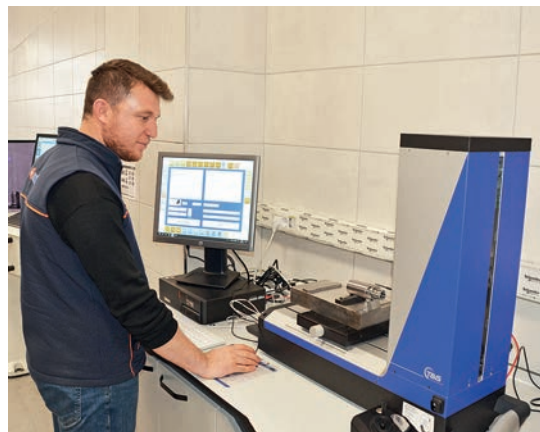
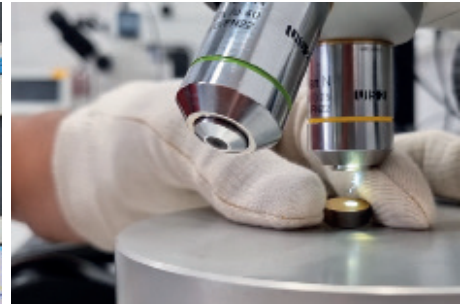
versiyon  
version

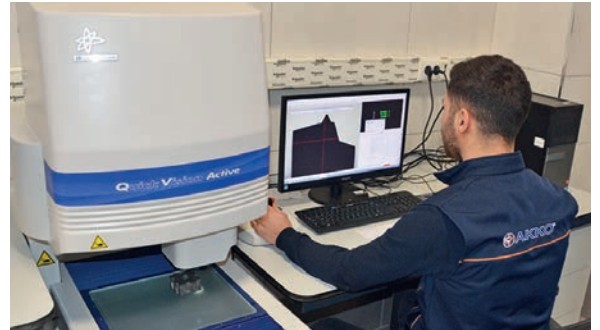
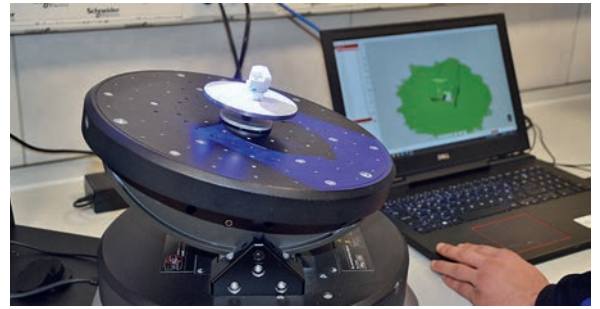


1986 yılında Abdullah KARAKUŞ tarafından kurulan AKKO Makina Sanayi ve Ticaret A.Ş. Tornalama Takımları, Diş ve Kanal Açma Takımları, Delik Delme Takımları, Frezeleme Takımları ve talebe yönelik Özel Takımlar, Monoblok ve Tutucular ile Profil Uçlar üretmektedir. Şu an 40.000m<sup>2</sup>'ye yakın bir 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, ısıl işleme, 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.





#### 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



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



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

AKKO (T12P) UCUNA UYGUNDUR  
COMPATIBLE WITH AKKO (T12P) INSERT

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



T12.07.0234.PJx2  
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



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

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

### Broş Çekme Uçları ve Takımları / Broaching Inserts and Toolholders



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

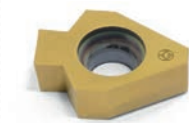
ABT-B42-D30-Y32-L170-I110  
ABT-B42-D38-Y32-L100-I050  
ABT-B42-D38-Y32-L125-I075  
ABT-B42-D40-Y32-L100-I050  
ABT-B42-D40-Y32-L125-I075



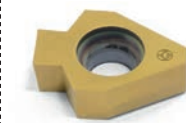
DIN6885 (Tolerans C11) torna ve freze tezgahlarında broş çekme uçları.  
DIN6885 (Tolerance C11) inserts for keyway broaching on lathe and milling machines.

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

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

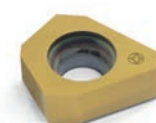


B41.00.0498.020.VP3001  
B41.00.0598.020.VP3001  
B41.00.0798.020.VP3001  
B42.00.0998.030.VP3001  
B42.00.1197.030.VP3001  
B42.00.1397.030.VP3001



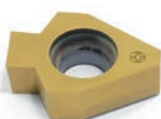
DIN6885 (Tolerans JS9) torna ve freze tezgahlarında broş çekme uçları.  
DIN6885 (Tolerance JS9) inserts for keyway broaching on lathe and milling machines.

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



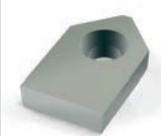
DIN138 (Tolerans D10) torna ve freze tezgahlarında broş çekme uçları.  
DIN138 (Tolerance D10) inserts for keyway broaching on lathe and milling machines.

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


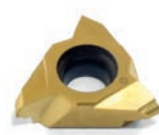
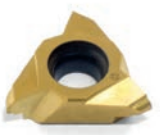
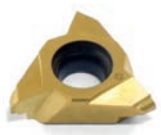
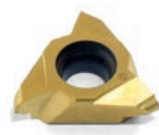
**Supap Yuvası İşleme Uçları ve Takımları / Valve Seat Inserts and Toolholders**

	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**

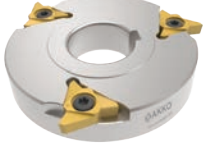
	ACPM-0497-165 ACPM-0498-165 ACPM-0499-165 ACPM-0500-165 ACPM-0549-165 ACPM-0550-165 ACPM-0597-165 ACPM-0598-165	ACPM-0599-165 ACPM-0600-165 ACPM-0605-165 ACPM-0606-165 ACPM-0659-165 ACPM-0660-165 ACPM-0697-165 ACPM-0698-165	ACPM-0699-165 ACPM-0700-165 ACPM-0797-165 ACPM-0798-165 ACPM-0799-165 ACPM-0800-165 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**

	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		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
AKKO (T09) UCUNA UYGUNDUR COMPATIBLE WITH AKKO (T09) INSERT				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		T09.HC290.D12 T09.HC350.D12 T09.HC390.D12 T09.HC420.D12		T09.HD400.D12 T09.HD450.D12
Standart ISO 5835		Standart ISO 9268		Standart ISO 9268	

## 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 SAFT  
STEEL SHAFT



A12E-MM1803-018  
A16F-MM1803-026

Ø Dm 17.7  
KARBÜR SAFT  
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 SAFT  
STEEL SHAFT



A12E-MM2203-018  
A16F-MM2203-026

Ø Dm 21.7  
KARBÜR SAFT  
CARBIDE SHAFT



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







Ø Dm 21.7




MM2203.G.0150.010.2177  
MM2203.G.0200.020.2177  
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**

<p>ø Dm 27.7 CELİK SAFT STEEL SHAFT</p> <p><b>new</b></p> 	<p>A12E-MM2806-020 A16G-MM2806-036 A20H-MM2806-036</p>	<p>ø Dm 27.7 KARBÜR SAFT CARBIDE SHAFT</p> <p><b>new</b></p> 	<p>E16H-M2806-042 E16L-M2806-060 E20L-M2806-060 E20N-M2806-085</p>	<p>ø Dm 27.7</p> <p><b>new</b></p> 	<p>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</p>
<p>ø Dm 31.7 CELİK SAFT STEEL SHAFT</p> <p><b>new</b></p> 	<p>A16G-MM3306-036 A20H-MM3306-036</p>	<p>ø Dm 31.7 KARBÜR SAFT CARBIDE SHAFT</p> <p><b>new</b></p> 	<p>E16H-MM3306-042 E16K-MM3306-060 E20H-MM3306-042 E20K-MM3306-060 E20N-MM3306-085</p>	<p>ø Dm 31.7</p> <p><b>new</b></p> 	<p>MM3306.G.0200.020.3170 MM3306.G.0250.020.3170 MM3306.G.0300.020.3170 MM3306.G.0400.020.3170</p>

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

<p><b>new</b></p> 	<p>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</p>	<p>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</p>	<p>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</p>
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<p><b>new</b></p> <p><b>K</b> döküm kalite / for cast iron</p>   	<p>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</p>	<p>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</p>	<p>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</p>	<p>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</p>
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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-100



AKHX-002-002  
 AKHX-003-003  
 AKHX-004-006  
 AKHX-007-012



### Diş Açma Frezeleme Uçları / Thread Milling Insert



C14

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



C21

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

### Segman Uçları Ve Takımları / Ring Inserts And Toolholders



ASFM-T12-D40x5.2-A22-Z04  
 ASFM-T12-D60x5.2-A22-Z04

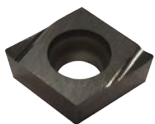


ASK-125-13  
 ASK-135-13  
 ASK-145-13  
 ASK-150-13  
 ASK-165-18  
 ASK-175-18  
 ASK-185-23  
 ASK-200-23

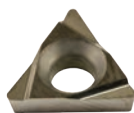
ASK-220-33  
 ASK-230-33  
 ASK-250-33  
 ASK-265-33  
 ASK-270-33  
 ASK-280-33  
 ASK-300-33  
 ASK-320-33

ASK-330-33  
 ASK-350-38  
 ASK-370-38  
 ASK-390-38  
 ASK-400-38

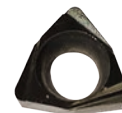
### Ayarlanabilir Bara Uçları / Adjustable Boring Inserts



CCGT 09T302L-AC1020  
 CCGT 09T304L-AC1020







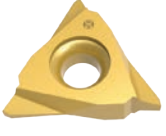
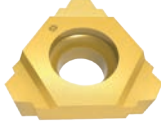
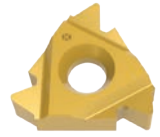

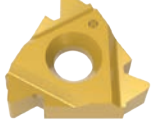



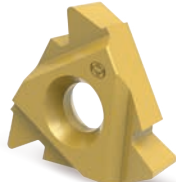
TPGH 09T0202L-AC1020  
 TPGH 09T0204L-AC1020



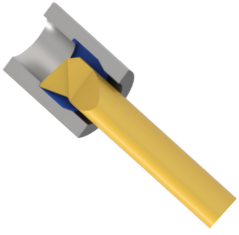
WCGT 020102L-AC1020  
 WCGT 020104L-AC1020

**Diş Açma Uçları / Threading Inserts**

<p><b>new</b> <b>ROUND</b> Diş çap / External</p> 	<p>16ST ER/L 10RD 16ST ER/L 8RD 16ST ER/L 6RD 22ST ER/L 6RD 22ST ER/L 4RD 27ST ER/L 4RD</p>	<p><b>new</b> <b>ROUND</b> İç çap / Internal</p> 	<p>16ST IR/L 10RD 16ST IR/L 8RD 16ST IR/L 6RD 22ST IR/L 6RD 22ST IR/L 4RD 27ST IR/L 4RD</p>	<p><b>new</b> <b>TRAPEZ</b> Diş çap / External</p> 	<p>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</p>
<p><b>new</b> <b>TRAPEZ</b> Diş çap / External V Tip / V Type</p> 	<p>27VT ER/L 6.0TR 27VT ER/L 7.0TR 27VT ER/L 8.0TR</p>	<p><b>new</b> <b>TRAPEZ</b> Diş çap / External U Tip / U Type</p> 	<p>22UT E 6.0TR 22UT E 7.0TR 22UT E 8.0TR 27UT E 8.0TR 27UT E 9.0TR</p>	<p><b>new</b> <b>TRAPEZ</b> İç çap / Internal</p> 	<p>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</p>
<p><b>new</b> <b>TRAPEZ</b> İç çap / Internal V Tip / V Type</p> 	<p>27VT IR/L 6.0TR 27VT IR/L 7.0TR 27VT IR/L 8.0TR</p>	<p><b>new</b> <b>TRAPEZ</b> İç çap / Internal U Tip / U Type</p> 	<p>22UT I 6.0TR 22UT I 7.0TR 22UT I 8.0TR 27UT I 8.0TR 27UT I 9.0TR</p>	<p><b>new</b> <b>OIL AND GAS INDUSTRY</b> Diş çap / External</p> 	<p>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</p>
<p><b>new</b> <b>OIL AND GAS INDUSTRY</b> Diş çap / External V Tip / V Type</p> 	<p>27VT ER 5API403</p>	<p><b>new</b> <b>OIL AND GAS INDUSTRY</b> İç çap / Internal</p> 	<p>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</p>	<p><b>new</b> <b>OIL AND GAS INDUSTRY</b> İç çap / Internal V Tip / V Type</p> 	<p>27VT IR 5API403</p>



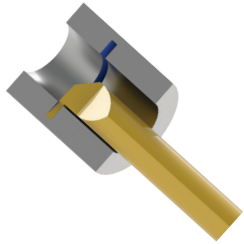
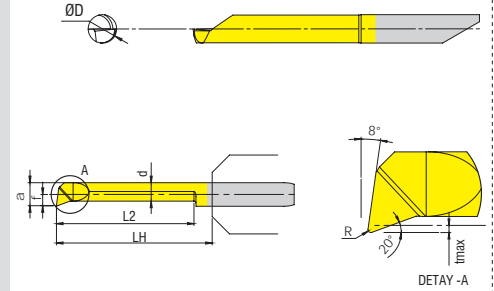
## Mini Cut Takımlar / Mini Cut Tools



**APB..**

### Delik İçi Mini Cut Takımlar / Mini Cut Boring

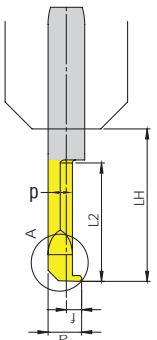
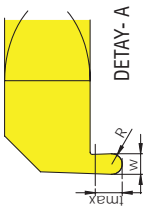
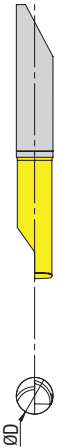
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APB.04.203.015.32	APB.05.152.020	APB.06.406.020
APB.04.254.015.32	APB.05.203.020	APB.06.508.020
APB.04.305.015.32	APB.05.254.020	APB.07.254.020
APB.04.356.015.32	APB.05.305.020	APB.07.305.020
APB.04.102.015	APB.05.356.020	APB.07.356.020
APB.04.152.015	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
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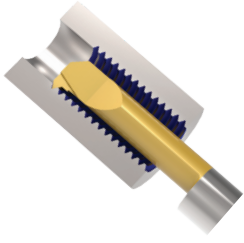


**APG..**

### 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	
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APG05.200.152	APG06.198.406	APG07.198.152	



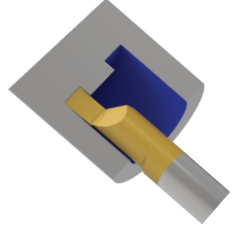
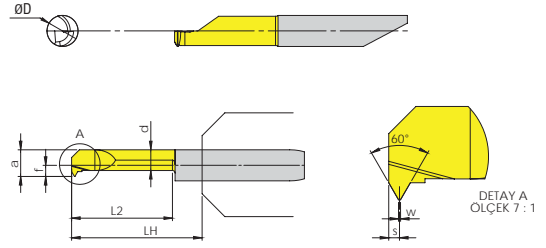


APT..

Diş 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  
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APT.06.203.175  
APT.06.254.175

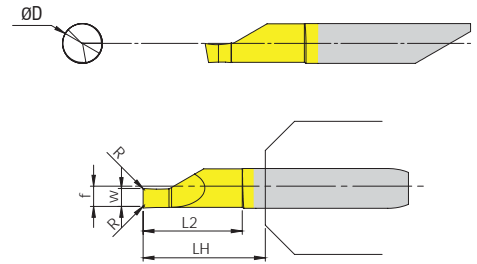


APFG..

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

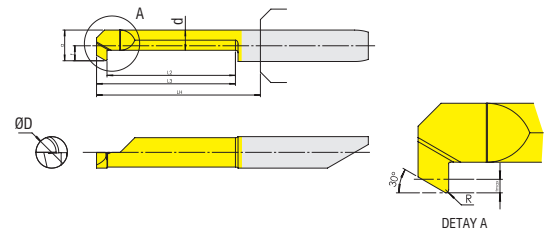


APB..

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

ABBT30-EM-06-050	ABBT40-EM-12-063	ABBT40-EM-32-100	ABBT50-EM-14-100
ABBT30-EM-08-050	ABBT40-EM-12-100	ABBT40-EM-32-160	ABBT50-EM-16-080
ABBT30-EM-10-050	ABBT40-EM-14-063	ABBT40-EM-40-120	ABBT50-EM-16-100
ABBT30-EM-12-050	ABBT40-EM-14-100	ABBT50-EM-06-063	ABBT50-EM-16-160
ABBT30-EM-14-050	ABBT40-EM-16-063	ABBT50-EM-06-100	ABBT50-EM-18-100
ABBT30-EM-16-063	ABBT40-EM-16-100	ABBT50-EM-06-160	ABBT50-EM-18-160
ABBT30-EM-18-063	ABBT40-EM-16-160	ABBT50-EM-08-063	ABBT50-EM-20-100
ABBT40-EM-06-100	ABBT40-EM-18-063	ABBT50-EM-08-100	ABBT50-EM-20-160
ABBT40-EM-06-160	ABBT40-EM-18-100	ABBT50-EM-10-100	ABBT50-EM-25-100
ABBT40-EM-08-050	ABBT40-EM-20-063	ABBT50-EM-10-160	ABBT50-EM-25-160
ABBT40-EM-08-100	ABBT40-EM-20-100	ABBT50-EM-12-080	ABBT50-EM-32-105
ABBT40-EM-08-160	ABBT40-EM-25-090	ABBT50-EM-12-100	ABBT50-EM-32-160
ABBT40-EM-10-063	ABBT40-EM-25-130	ABBT50-EM-12-160	ABBT50-EM-40-110
ABBT40-EM-10-100	ABBT40-EM-25-160	ABBT50-EM-14-080	ABBT50-EM-40-160

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



**ABBT..**

ABBT30-ER-16-070	ABBT50-ER-16-070
ABBT30-ER-16-100	ABBT50-ER-16-100
ABBT30-ER-25-070	ABBT50-ER-16-160
ABBT30-ER-25-100	ABBT50-ER-25-070
ABBT40-ER-16-063	ABBT50-ER-25-100
ABBT40-ER-16-100	ABBT50-ER-25-160
ABBT40-ER-16-130	ABBT50-ER-32-070
ABBT40-ER-25-060	ABBT50-ER-32-100
ABBT40-ER-25-100	ABBT50-ER-32-130
ABBT40-ER-25-130	ABBT50-ER-32-160
ABBT40-ER-32-070	ABBT50-ER-40-080
ABBT40-ER-32-100	ABBT50-ER-40-100
ABBT40-ER-32-160	ABBT50-ER-40-160
ABBT40-ER-40-080	
ABBT40-ER-40-100	
ABBT40-ER-40-160	

**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**



**ABBT..**

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

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



**ABBT..**

ABBT30-FM-16-040	ABBT50-FM-27-160
ABBT30-FM-22-040	ABBT50-FM-32-100
ABBT30-FM-27-050	ABBT50-FM-32-160
ABBT30-FM-32-050	ABBT50-FM-40-100
ABBT40-FM-16-100	ABBT50-FM-40-160
ABBT40-FM-22-100	ABBT50-FM-60-080
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	

**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**



**ABBT..**

ABBT40-MM-08-052	ABBT40-MM-16-152
ABBT40-MM-08-077	ABBT40-MM-16-177
ABBT40-MM-08-102	ABBT50-MM-08-138
ABBT40-MM-08-127	ABBT50-MM-08-188
ABBT40-MM-10-052	ABBT50-MM-10-088
ABBT40-MM-10-077	ABBT50-MM-10-138
ABBT40-MM-10-102	ABBT50-MM-10-188
ABBT40-MM-10-127	ABBT50-MM-12-088
ABBT40-MM-12-052	ABBT50-MM-12-138
ABBT40-MM-12-077	ABBT50-MM-12-188
ABBT40-MM-12-102	ABBT50-MM-16-088
ABBT40-MM-12-127	ABBT50-MM-16-138
ABBT40-MM-12-177	ABBT50-MM-16-188
ABBT40-MM-16-052	
ABBT40-MM-16-077	
ABBT40-MM-16-102	
ABBT40-MM-16-127	

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



**ABBT..**

ABBT30-FMC-16-045	ABBT40-FMC-22-055	ABBT50-FMC-16-070	ABBT50-FMC-22-160	ABBT50-FMC-32-130
ABBT30-FMC-22-047	ABBT40-FMC-22-100	ABBT50-FMC-16-100	ABBT50-FMC-27-070	ABBT50-FMC-32-160
ABBT30-FMC-27-049	ABBT40-FMC-27-055	ABBT50-FMC-16-130	ABBT50-FMC-27-100	ABBT50-FMC-40-070
ABBT30-FMC-32-052	ABBT40-FMC-27-100	ABBT50-FMC-16-160	ABBT50-FMC-27-130	ABBT50-FMC-40-100
ABBT40-FMC-16-055	ABBT40-FMC-32-060	ABBT50-FMC-22-070	ABBT50-FMC-27-160	ABBT50-FMC-40-130
ABBT40-FMC-16-100	ABBT40-FMC-32-100	ABBT50-FMC-22-100	ABBT50-FMC-32-070	ABBT50-FMC-40-160
ABBT40-FMC-16-160	ABBT40-FMC-40-060	ABBT50-FMC-22-130	ABBT50-FMC-32-100	

## Tutucular / Holders



**ASK..**

*DIN ISO 7388-1 (SK DIN 69871)  
SK VELDON ŞAFTLI 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-25-100  
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 YÜZE 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 ŞAFTLI TAKIM TUTUCULAR  
ISO 12164-1 / HSK END MILL HOLDER*

AHSKA32-EM-06-060	AHSKA63-EM-06-100	AHSKA63-EM-20-100	AHSKA100-EM-10-080
AHSKA32-EM-08-060	AHSKA63-EM-06-160	AHSKA63-EM-20-130	AHSKA100-EM-10-160
AHSKA32-EM-10-065	AHSKA63-EM-08-075	AHSKA63-EM-20-160	AHSKA100-EM-12-080
AHSKA32-EM-12-065	AHSKA63-EM-08-100	AHSKA63-EM-25-110	AHSKA100-EM-12-160
AHSKA40-EM-06-060	AHSKA63-EM-08-160	AHSKA63-EM-32-110	AHSKA100-EM-14-080
AHSKA40-EM-08-060	AHSKA63-EM-10-075	AHSKA80-EM-06-080	AHSKA100-EM-14-160
AHSKA40-EM-10-060	AHSKA63-EM-10-100	AHSKA80-EM-08-080	AHSKA100-EM-16-100
AHSKA40-EM-12-070	AHSKA63-EM-10-160	AHSKA80-EM-10-080	AHSKA100-EM-16-160
AHSKA40-EM-16-075	AHSKA63-EM-12-080	AHSKA80-EM-12-080	AHSKA100-EM-18-100
AHSKA50-EM-06-065	AHSKA63-EM-12-100	AHSKA80-EM-14-080	AHSKA100-EM-18-160
AHSKA50-EM-08-065	AHSKA63-EM-12-130	AHSKA80-EM-16-100	AHSKA100-EM-20-100
AHSKA50-EM-10-065	AHSKA63-EM-12-160	AHSKA80-EM-18-100	AHSKA100-EM-20-160
AHSKA50-EM-12-080	AHSKA63-EM-14-080	AHSKA80-EM-20-100	AHSKA100-EM-25-100
AHSKA50-EM-14-080	AHSKA63-EM-14-130	AHSKA80-EM-25-100	AHSKA100-EM-25-160
AHSKA50-EM-16-080	AHSKA63-EM-16-080	AHSKA80-EM-32-110	AHSKA100-EM-32-100
AHSKA50-EM-18-080	AHSKA63-EM-16-130	AHSKA100-EM-06-080	AHSKA100-EM-32-160
AHSKA50-EM-20-080	AHSKA63-EM-16-160	AHSKA100-EM-06-160	AHSKA100-EM-40-105
AHSKA63-EM-06-065	AHSKA63-EM-18-080	AHSKA100-EM-08-080	AHSKA100-EM-40-160
AHSKA63-EM-06-075	AHSKA63-EM-20-080	AHSKA100-EM-08-160	



**AHSK..**

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

AHSKA32-ER-16-080	AHSKA63-ER-16-075	AHSKA63-ER-40-085	AHSKA100-ER-25-160
AHSKA32-ER-25-080	AHSKA63-ER-16-100	AHSKA63-ER-40-100	AHSKA100-ER-32-100
AHSKA40-ER-16-060	AHSKA63-ER-16-160	AHSKA63-ER-40-160	AHSKA100-ER-32-160
AHSKA40-ER-25-060	AHSKA63-ER-25-100	AHSKA80-ER-32-100	AHSKA100-ER-40-120
AHSKA40-ER-32-100	AHSKA63-ER-25-160	AHSKA80-ER-40-120	AHSKA100-ER-40-160
AHSKA50-ER-16-100	AHSKA63-ER-32-075	AHSKA100-ER-16-100	
AHSKA50-ER-25-100	AHSKA63-ER-32-100	AHSKA100-ER-16-160	
AHSKA50-ER-32-100	AHSKA63-ER-32-160	AHSKA100-ER-25-100	



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



**AHSK..**

AHSKA50-FM-16-050	AHSKA80-FM-22-100
AHSKA50-FM-16-100	AHSKA80-FM-27-100
AHSKA50-FM-22-060	AHSKA80-FM-32-100
AHSKA50-FM-22-100	AHSKA80-FM-40-100
AHSKA50-FM-27-060	AHSKA100-FM-16-160
AHSKA50-FM-32-060	AHSKA100-FM-22-100
AHSKA63-FM-16-050	AHSKA100-FM-22-160
AHSKA63-FM-16-100	AHSKA100-FM-27-100
AHSKA63-FM-22-050	AHSKA100-FM-27-160
AHSKA63-FM-22-100	AHSKA100-FM-32-100
AHSKA63-FM-27-060	AHSKA100-FM-32-160
AHSKA63-FM-27-100	AHSKA100-FM-40-100
AHSKA63-FM-32-060	AHSKA100-FM-40-160
AHSKA63-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..**

AHSKA63-MM-10-076	AHSKA100-MM-12-079
AHSKA63-MM-10-126	AHSKA100-MM-12-129
AHSKA63-MM-10-176	AHSKA100-MM-12-179
AHSKA63-MM-12-076	AHSKA100-MM-16-079
AHSKA63-MM-12-101	AHSKA100-MM-16-129
AHSKA63-MM-12-126	AHSKA100-MM-16-179
AHSKA63-MM-12-176	
AHSKA63-MM-16-076	
AHSKA63-MM-16-101	
AHSKA63-MM-16-126	
AHSKA63-MM-16-176	
AHSKA100-MM-10-079	
AHSKA100-MM-10-129	
AHSKA100-MM-10-179	

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



**AHSK..**

AHSKA32-FMC-16-055	AHSKA63-FMC-22-060	AHSKA80-FMC-27-060	AHSKA100-FMC-27-060
AHSKA32-FMC-22-055	AHSKA63-FMC-22-100	AHSKA80-FMC-32-060	AHSKA100-FMC-27-100
AHSKA32-FMC-27-065	AHSKA63-FMC-22-160	AHSKA80-FMC-40-070	AHSKA100-FMC-27-130
AHSKA40-FMC-16-050	AHSKA63-FMC-27-060	AHSKA100-FMC-16-060	AHSKA100-FMC-27-160
AHSKA40-FMC-22-050	AHSKA63-FMC-27-100	AHSKA100-FMC-16-100	AHSKA100-FMC-27-200
AHSKA40-FMC-27-065	AHSKA63-FMC-32-060	AHSKA100-FMC-16-130	AHSKA100-FMC-32-060
AHSKA50-FMC-16-050	AHSKA63-FMC-32-100	AHSKA100-FMC-16-160	AHSKA100-FMC-32-100
AHSKA50-FMC-22-050	AHSKA63-FMC-32-160	AHSKA100-FMC-16-200	AHSKA100-FMC-32-130
AHSKA50-FMC-27-065	AHSKA63-FMC-40-070	AHSKA100-FMC-22-060	AHSKA100-FMC-32-160
AHSKA50-FMC-32-065	AHSKA63-FMC-40-100	AHSKA100-FMC-22-100	AHSKA100-FMC-40-070
AHSKA63-FMC-16-060	AHSKA63-FMC-40-160	AHSKA100-FMC-22-130	AHSKA100-FMC-40-100
AHSKA63-FMC-16-100	AHSKA80-FMC-16-060	AHSKA100-FMC-22-160	AHSKA100-FMC-40-130
AHSKA63-FMC-16-160	AHSKA80-FMC-22-060	AHSKA100-FMC-22-200	AHSKA100-FMC-40-160

**HSK BLANK TUTUCULAR**  
**HSK BLANK HOLDERS**



**AHSK..**

AHSKA32-BL41-025-150
AHSKA32-BL41-032-100
AHSKA40-BL41-040-150
AHSKA40-BL41-070-100
AHSKA50-BL41-050-150
AHSKA50-BL41-075-070
AHSKA63-BL41-063-160
AHSKA63-BL41-080-250
AHSKA63-BL41-120-160
AHSKA80-BL41-080-250
AHSKA80-BL41-090-310
AHSKA100-BL41-097-250
AHSKA100-BL41-120-315

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



**AC..**

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  
ŞAPLIKATER 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
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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



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

- new** AC3 TCLNR/L 22040 09 H
- new** AC4 TCLNR/L 27050 09 H
- new** AC3 TCLNR/L 22045 12 H
- AC4 TCLNR/L 27060 12 H
- AC5 TCLNR/L 35060 12 H
- AC6 TCLNR/L 45065 12 H
- AC8 TCLNR/L 55080 12 H
- new** AC4 TCLNR/L 27055 16 H
- new** AC5 TCLNR/L 35060 16 H
- new** AC6 TCLNR/L 45065 16 H
- new** AC8 TCLNR/L 55080 16 H
- new** AC5 TCLNR/L 35060 19 H
- new** AC6 TCLNR/L 45065 19 H
- new** AC8 TCLNR/L 55080 19 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

- new** AC3 TDJNR/L 22045 11
- new** AC4 TDJNR/L 27050 11 H
- new** AC5 TDJNR/L 35060 11 H
- new** AC6 TDJNR/L 45065 11 H
- 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

- AC3 TSKNR/L 22040 12 H

AC..



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

- AC3 TSSNR/L 22040 12

AC..



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

- AC4 TVJNR/L 27062 16 H
- AC5 TVJNR/L 35065 16 H
- AC6 TVJNR/L 45065 16 H
- AC8 TVJNR/L 55080 16 H

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

- new** AC3 TWLNR/L 22040 06 H
- new** AC4 TWLNR/L 27050 06 H
- new** AC5 TWLNR/L 35060 06 H
- new** AC6 TWLNR/L 45065 06 H
- 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

- new** AC3 PCLNR/L 22040 12 H
- AC4 PCLNR/L 27050 12 H
- AC5 PCLNR/L 35060 12 H
- AC6 PCLNR/L 45065 12 H
- AC8 PCLNR/L 55080 12 H
- new** AC4 PCLNR/L 27050 16 H
- new** AC5 PCLNR/L 35060 16 H
- new** AC6 PCLNR/L 45065 16 H
- new** AC8 PCLNR/L 55080 16 H
- new** AC5 PCLNR/L 35060 19 H
- new** AC6 PCLNR/L 45065 19 H
- new** AC8 PCLNR/L 55080 19 H
- new** AC8 PCLNR/L 55080 25 H

AC..

## Poligonal Şaftlı Yekpare Takımlar / Monoblock Tools With Polygonal Shank

 <p><b>new</b></p>	<p>ISO 26623-1 / POLİGONAL ŞAFTLI YEKPARE TAKIMLAR ISO 26623-1 / MONOBLOCK TOOLS WITH POLYGONAL SHANK</p> <p>AC3 PSSNR/L 22032 12 H</p>	 <p><b>new</b></p>	<p>ISO 26623-1 / POLİGONAL ŞAFTLI YEKPARE TAKIMLAR ISO 26623-1 / MONOBLOCK TOOLS WITH POLYGONAL SHANK</p> <p>AC5 PDJNR/L 35060 11 H 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</p>		<p>ISO 26623-1 / POLİGONAL ŞAFTLI YEKPARE TAKIMLAR ISO 26623-1 / MONOBLOCK TOOLS WITH POLYGONAL SHANK</p> <p>AC4 SCLCR/L 27050 12 H AC5 SCLCR/L 35060 12 H AC6 SCLCR/L 45065 12 H</p>
 <p><b>new</b></p>	<p>ISO 26623-1 / POLİGONAL ŞAFTLI YEKPARE TAKIMLAR ISO 26623-1 / MONOBLOCK TOOLS WITH POLYGONAL SHANK</p> <p>AC3 SDJCR/L 22040 07 AC4 SDJCR/L 27050 07 AC3 SDJCR/L 22040 11 AC4 SDJCR/L 27050 11 H AC5 SDJCR/L 35060 11 H AC6 SDJCR/L 45065 11 H</p>	 <p><b>new</b></p>	<p>ISO 26623-1 / POLİGONAL ŞAFTLI YEKPARE TAKIMLAR ISO 26623-1 / MONOBLOCK TOOLS WITH POLYGONAL SHANK</p> <p>AC3 SDNCN 00040 11 AC4 SDNCN 00050 11 AC5 SDNCN 00060 11</p>	 <p><b>new</b></p>	<p>ISO 26623-1 / POLİGONAL ŞAFTLI YEKPARE TAKIMLAR ISO 26623-1 / MONOBLOCK TOOLS WITH POLYGONAL SHANK</p> <p>AC4 SVVBN 00050 16 AC5 SVVBN 00060 16</p>
 <p><b>new</b></p>	<p>ISO 26623-1 / POLİGONAL ŞAFTLI YEKPARE TAKIMLAR ISO 26623-1 / MONOBLOCK TOOLS WITH POLYGONAL SHANK</p> <p>AC3 STGCR/L 22040 11 AC4 STGCR/L 27050 11 AC3 STGCR/L 22040 16 AC4 STGCR/L 27050 16 AC5 STGCR/L 35060 16 AC6 STGCR/L 45065 16</p>	 <p><b>new</b></p>	<p>ISO 26623-1 / POLİGONAL ŞAFTLI YEKPARE TAKIMLAR ISO 26623-1 / MONOBLOCK TOOLS WITH POLYGONAL SHANK</p> <p>AC4 SVJBR/L 27050 16</p>	 <p><b>new</b></p>	<p>ISO 26623-1 / POLİGONAL ŞAFTLI YEKPARE TAKIMLAR ISO 26623-1 / MONOBLOCK TOOLS WITH POLYGONAL SHANK</p> <p>AC3 SVJCR/L 22040 11 AC4 SVJCR/L 27050 11 AC4 SVJCR/L 27050 16</p>
 <p><b>new</b></p>	<p>ISO 26623-1 / POLİGONAL ŞAFTLI YEKPARE TAKIMLAR ISO 26623-1 / MONOBLOCK TOOLS WITH POLYGONAL SHANK</p> <p>AC4 PCLNR/L 13080 09 H AC5 PCLNR/L 13080 09 H AC3 PCLNR/L 17090 12 HC AC3 PCLNR/L 22064 12 HC AC4 PCLNR/L 17090 12 HC AC4 PCLNR/L 22110 12 HC AC4 PCLNR/L 27080 12 HC AC4 PCLNR/L 27120 12 HC AC5 PCLNR/L 17090 12 HC AC5 PCLNR/L 22110 12 HC AC5 PCLNR/L 27140 12 HC</p> <p>AC5 PCLNR/L 35100 12 HC AC6 PCLNR/L 17100 12 HC AC6 PCLNR/L 22110 12 HC AC5 PCLNR/L 35150 16 HC AC6 PCLNR/L 27140 16 HC AC6 PCLNR/L 35175 16 HC</p>	 <p><b>new</b></p>	<p>ISO 26623-1 / POLİGONAL ŞAFTLI YEKPARE TAKIMLAR ISO 26623-1 / MONOBLOCK TOOLS WITH POLYGONAL SHANK</p> <p>AC5 SCLCR/L 17090 09 H AC5 SCLCR/L 35100 09 H AC3 SCLCR/L 17090 12 H AC3 SCLCR/L 22064 12 H AC3 SCLCR/L 22096 12 H AC4 SCLCR/L 17090 12 H AC4 SCLCR/L 22110 12 H AC4 SCLCR/L 27080 12 H AC5 SCLCR/L 17090 12 H AC5 SCLCR/L 22110 12 H AC5 SCLCR/L 27140 12 H AC5 SCLCR/L 35100 12 H</p>		



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



- new AC3 SDUCR/L 11065 07 H
- new AC4 SDUCR/L 11070 07 H
- new AC5 SDUCR/L 11070 07 H
- new AC3 SDUCR/L 13075 11 H
- new AC3 SDUCR/L 17090 11 H
- new AC3 SDUCR/L 22064 11 H
- new AC3 SDUCR/L 22096 11 H
- AC4 SDUCR/L 13080 11 H
- AC4 SDUCR/L 17090 11 H
- new AC4 SDUCR/L 22110 11 H
- new AC4 SDUCR/L 27080 11 H
- new AC5 SDUCR/L 13080 11 H
- new AC5 SDUCR/L 17090 11 H
- new AC5 SDUCR/L 35100 11 H

AC..



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



- AC3 SIR/L 12050 16 H
- AC4 SIR/L 12060 16 H

AC..



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



- new AC3 TIR/L 14060 16 H
- new AC3 TIR/L 22085 16 H
- AC4 TIR/L 14060 16 H
- AC4 TIR/L 17070 16 H
- AC4 TIR/L 22090 16 H
- new AC4 TIR/L 27080 16 H
- AC5 TIR/L 17070 16 H
- AC5 TIR/L 22090 16 H
- AC5 TIR/L 27105 16 H
- new AC6 TIR/L 17075 16 H
- AC6 TIR/L 22090 16 H
- AC6 TIR/L 27105 16 H
- new AC4 TIR/L 19070 22 H
- new AC4 TIR/L 22090 22 H
- new AC4 TIR/L 27080 22 H

AC..



## Diş Çap Tornalama Katerleri / External Turning Toolholders

 <p><b>T Sistem/T System</b> 2525 M16</p> <p>75° <b>TCBNR / L</b></p>	 <p><b>T Sistem/T System</b> 2020 K12 2525 M12 3232 P12 2525 M16 3232 P16</p> <p>75° <b>TCKNR / L</b></p>	 <p><b>T Sistem/T System</b> 2020 K12 2525 M12 3232 P12 4040 S12 5050 S12 2525 M16 3232 P16</p> <p>95° <b>TCLNR / L</b></p>	
 <p><b>T Sistem/T System</b> 1616 H12 2020 K12 2525 M12 3232 P12 2525 M16 3232 P16 4040 S16</p> <p>50° <b>TCMNN</b></p>	 <p><b>T Sistem/T System</b> 2020 K12 2525 M12 3232 P12 2525 M16 3232 P16</p> <p>40° <b>TCZNN</b></p>	 <p><b>T Sistem/T System</b> 2525 M11 2020 K15 2525 M15 3232 P15</p> <p>107.5° <b>TDHNR / L</b></p>	
 <p><b>T Sistem/T System</b> 1616 H11 2020 K11 2525 M11 2020 K15 2525 M15 3232 P15 4040 S15 2020 K1504 2525 M1504 3232 P1504 4040 S1504 5050 S15</p> <p>93° <b>TDJNR / L</b></p>	 <p><b>T Sistem/T System</b> 1616 H11 2020 K11 2525 M11 2020 K15 2525 M15 3232 P15 4040 S15 5050 S15</p> <p>62.5° <b>TDNNN</b></p>	 <p><b>T Sistem/T System</b> 1616 H12 2020 K12 2525 M12 3232 P12 2525 M15 3232 P15 4040 S15</p> <p>45° <b>TSDNN</b></p>	
 <p><b>T Sistem/T System</b> 2020 K12 2525 M12 3232 P12 3232 P15</p> <p>75° <b>TSKNR / L</b></p>	 <p><b>T Sistem/T System</b> 2020 K12 2525 M12 3232 P12 2525 M15 3232 P15</p> <p>45° <b>TSSNR / L</b></p>	 <p><b>T Sistem/T System</b> 2020 K16 2525 M16 3232 P16 2525 M22 3232 P22 4040 S22</p> <p>60° <b>TTENN</b></p>	 <p><b>T Sistem/T System</b> 2020 K16 2525 M16 3232 P16 2525 M22 3232 P22 4040 S22</p> <p>90° <b>TTGNR / L</b></p>
 <p><b>T Sistem/T System</b> 2020 K16 2525 M16 3232 P16 2525 M22 3232 P22 4040 S22</p> <p>93° <b>TTJNR / L</b></p>	 <p><b>T Sistem/T System</b> 2020 K16 2525 M16 3232 P16</p> <p>107.5° <b>TVHNR / L</b></p>	 <p><b>T Sistem/T System</b> 2020 K16 2525 M16 3232 P16</p> <p>93° <b>TVJNR / L</b></p>	 <p><b>T Sistem/T System</b> 2020 K16 2525 M16 3232 P16</p> <p>72.5° <b>TVVNN</b></p>
 <p><b>T Sistem/T System</b> 1616 H06 2020 K06 2525 M06 2020 K08 2525 M08 3232 P08 4040 S08</p> <p>95° <b>TWLNR / L</b></p>	 <p><b>T Sistem/T System</b> 2020 K12-H 2525 M12-H 3232 P12-H</p> <p>75° <b>TCBNR / L</b></p>	 <p><b>T Sistem/T System</b> 2020 K12-H 2525 M12-H 3232 P12-H</p> <p>75° <b>TCKNR / L</b></p>	 <p><b>T Sistem/T System</b> 2020 K12-H 2525 M12-H 3232 P12-H 2525 M16-H</p> <p>95° <b>TCLNR / L</b></p>

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

## Dış Çap Tornalama Katerleri / External Turning Toolholders


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



 <p>C Sistem Seramik C System Ceramic</p> <p>2525 M1107C 2525 M1507C 3232 P1507C</p> <p>93° <b>CDJNR / L</b></p>	 <p>C Sistem Seramik C System Ceramic</p> <p>2525 M1107C</p> <p>62.5° <b>CDNNN</b></p>	 <p>C Sistem Seramik C System Ceramic</p> <p>2020 K06CV 2525 M06CV 3225 P06CV 4040 S06CV 2020 K09CV 2525 M09CV 3225 P09CV</p> <p>4040 S09CV 2525 M12CV 3225 P12CV 4040 S12CV</p> <p>-° <b>CRDCN</b></p>
 <p>C Sistem Seramik C System Ceramic</p> <p>3232 P06CVK 4040 R06CVK 3232 P09CVK 4040 R09CVK 3232 P12CVK 4040 R12CVK</p> <p>93° <b>CRDCN</b></p>	 <p>C Sistem Seramik C System Ceramic</p> <p>3225 P06CV 3225 P09CV 3225 P12CV</p> <p>- <b>CRDCR / L</b></p>	 <p>C Sistem Seramik C System Ceramic</p> <p>2525 M1207C 3232 P1207C</p> <p>45° <b>CSDNN</b></p>
 <p>C Sistem Seramik C System Ceramic</p> <p>2525 M1207C 3232 P1207C</p> <p>75° <b>CSKNR / L</b></p>	 <p>C Sistem Seramik C System Ceramic</p> <p>2525 M1207C 3232 P1207C</p> <p>75° <b>CSRNR / L</b></p>	 <p>C Sistem Seramik C System Ceramic</p> <p>2525 M1207C 3232 P1207C</p> <p>45° <b>CSSNR / L</b></p>
 <p>C Sistem Seramik C System Ceramic</p> <p>2525 M1607C 3232 P1607C</p> <p>93° <b>CTJNR / L</b></p>	 <p>S Sistem/S System</p> <p>0808 E06 1010 E06 1212 F09 1616 H09 2020 K09 2020 K12 2525 M12</p> <p>90° <b>SCACR / L</b></p>	 <p>S Sistem/S System</p> <p>0808 E06 1010 E06 1212 F06 1010 E09 1212 F09 1212 M09 1212 M09</p> <p>1616 H09 2020 K09 2525 M09 1616 H12 2020 K12 2525 M12</p> <p>95° <b>SCLCR / L</b> <small>NEW</small></p>
 <p>S Sistem İsviçre Tipi / S System Swiss Type with internal coolant hole</p> <p>1212 K09-SHC 1616 K09-SHC</p> <p>95° <b>SCLCR / L</b></p>	 <p>S Sistem/S System</p> <p>0808 E06 1010 E06 1212 F06 1212 F09 1616 H09 2020 K12 2525 M12</p> <p>50° <b>SCMCN</b></p>	 <p>S Sistem/S System</p> <p>0808 E07 1010 E07 1212 F07 1616 H07 1616 H11 2020 K11</p> <p>2525 M 11 3232 P11</p> <p>107.5° <b>SDHCR / L</b></p>
 <p>S Sistem/S System</p> <p>0808 E07 1010 E07 1212 F07 1616 H07 1212 F11 1616 H11 2020 K11 2525 M 11 3232 P11</p> <p>93° <b>SDJCR / L</b></p>	 <p>S Sistem İsviçre Tipi / S System Swiss Type with internal coolant hole</p> <p>0810 G07-SHC 1010 K07-SHC 1012 K11-SHC 1212 K11-SHC 1616 K11-SHC</p> <p>93° <b>SDJCR / L</b></p>	 <p>S Sistem/S System</p> <p>0808 E07 1010 E07 1212 F07 1616 H07 1616 H11 2020 K11 2525 M 11 3232 P11</p> <p>62.5° <b>SDNCN</b></p>

## Dış Çap Tornalama Katerleri / External Turning Toolholders

 <p><b>-°</b> <b>SRDCN</b></p>	<p>S Sistem/S System</p> <table border="0"> <tr> <td>1616 H06</td> <td>1616 H10C</td> <td>2525 M16C</td> </tr> <tr> <td>2020 K06</td> <td>2020 K10C</td> <td>3232 P16C</td> </tr> <tr> <td>2525 M06</td> <td>2525 M10C</td> <td>2525 M20C</td> </tr> <tr> <td>1616 H08C</td> <td>3232 P10C</td> <td>3232 P20C</td> </tr> <tr> <td>2020 K08C</td> <td>2020 K12C</td> <td>3232 P25C</td> </tr> <tr> <td>2525 M08C</td> <td>2525 M12C</td> <td>3232 P32C</td> </tr> <tr> <td></td> <td>3232 P12C</td> <td></td> </tr> </table>	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		 <p><b>-°</b> <b>SRDCR / L</b></p> <p>S Sistem/S System</p> <ul style="list-style-type: none"> <li>SRDCR/L 3232 T06</li> <li>SRDCR/L 3232 P12C</li> <li>SRDCR/L 3232 P16C</li> </ul>
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																						
 <p><b>-°</b> <b>SRGCR / L</b></p>	<p>S Sistem/S System</p> <table border="0"> <tr> <td>1616 H06</td> <td>1616 H10C</td> <td>2020 K12C</td> </tr> <tr> <td>2020 K06</td> <td>2020 K10C</td> <td>2525 M12C</td> </tr> <tr> <td>1616 H08C</td> <td>2525 M10C</td> <td>3232 P12C</td> </tr> <tr> <td>2020 K08C</td> <td>3232 P10C</td> <td></td> </tr> <tr> <td>2525 M08C</td> <td></td> <td></td> </tr> </table>	1616 H06	1616 H10C	2020 K12C	2020 K06	2020 K10C	2525 M12C	1616 H08C	2525 M10C	3232 P12C	2020 K08C	3232 P10C		2525 M08C			 <p><b>20°</b> <b>SRHCR / L</b></p> <p>S Sistem/S System</p> <ul style="list-style-type: none"> <li>2525 K06</li> <li>2525 K08</li> <li>2525 K10</li> <li>2525 K12</li> <li>2525 K16</li> </ul>	 <p><b>-°</b> <b>SRXCR / L</b></p> <p>S Sistem/S System</p> <ul style="list-style-type: none"> <li>3232 X08C</li> <li>3232 X10C</li> <li>3232 X12C</li> </ul>					
1616 H06	1616 H10C	2020 K12C																					
2020 K06	2020 K10C	2525 M12C																					
1616 H08C	2525 M10C	3232 P12C																					
2020 K08C	3232 P10C																						
2525 M08C																							
 <p><b>45°</b> <b>SSDCN</b></p>	<p>S Sistem/S System</p> <ul style="list-style-type: none"> <li>1212 F09</li> <li>1616 H09</li> <li>2020 K09</li> <li>1616 H12</li> <li>2020 K12</li> <li>2525 M12</li> </ul>	 <p><b>45°</b> <b>SSSCR / L</b></p> <p>S Sistem/S System</p> <ul style="list-style-type: none"> <li>1212 F09</li> <li>1616 H09</li> <li>2020 K09</li> <li>1616 H12</li> <li>2020 K12</li> <li>2525 M12</li> </ul>	 <p><b>90°</b> <b>STFCR / L</b></p> <p>S Sistem/S System</p> <ul style="list-style-type: none"> <li>0808 E09</li> <li>1010 E09</li> <li>1212 F11</li> <li>1616 H11</li> <li>1616 H16</li> <li>2020 K16</li> <li>2525 M16</li> <li>3232 P16</li> </ul>																				
 <p><b>90°</b> <b>STGCR / L</b></p>	<p>S Sistem/S System</p> <ul style="list-style-type: none"> <li>0808 E09</li> <li>1010 E09</li> <li>1212 F11</li> <li>1616 H11</li> <li>1616 H16</li> <li>2020 K16</li> <li>2525 M16</li> <li>3232 P16</li> </ul>	 <p><b>93°</b> <b>STJCR / L</b></p> <p>S Sistem/S System</p> <ul style="list-style-type: none"> <li>0808 E09</li> <li>1010 E09</li> <li>1212 F11</li> <li>1616 H11</li> <li>1616 H16</li> <li>2020 K16</li> <li>2525 M16</li> <li>3232 P16</li> </ul>	 <p><b>90°</b> <b>STCCN</b></p> <p>S Sistem/S System</p> <ul style="list-style-type: none"> <li>2020 L11</li> <li>1616 K16</li> <li>2020 M16</li> <li>2525 P16</li> <li>3232 R16</li> <li>2525 P22</li> </ul>																				
 <p><b>93°</b> <b>STUCR / L</b></p>	<p>S Sistem/S System</p> <ul style="list-style-type: none"> <li>0808 E09</li> <li>1010 E09</li> <li>1212 F11</li> <li>1616 H11</li> <li>1616 H16</li> <li>2020 K16</li> <li>2525 M16</li> <li>3232 P16</li> </ul>	 <p><b>-°</b> <b>SVACR / L</b></p> <p>S Sistem/S System</p> <ul style="list-style-type: none"> <li>1212 K11</li> <li>1616 K11</li> <li>2020 K11</li> </ul>	 <p><b>107.5°</b> <b>SVHBR / L</b></p> <p>S Sistem/S System</p> <ul style="list-style-type: none"> <li>1212 F11</li> <li>1616 H11</li> <li>2020 K11</li> <li>2020 K16</li> <li>2525 M16</li> <li>3232 P16</li> </ul>																				
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**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**



## Delik İçi Tornalama Katerleri / Boring Bars

 <p>75° <b>TCKNR / L</b></p>	<p><b>T Sistem/T System</b></p> <p>A32T TCKNR/L 16 A40U TCKNR/L 16</p>	 <p>95° <b>TCLNR / L</b></p>	<p><b>T Sistem/T System</b></p> <p>S25S TCLNR/L 09 S25S TCLNR/L 12</p> <p>S32T TCLNR/L 12 S40U TCLNR/L 12 S50V TCLNR/L 12</p> <p>S32T TCLNR/L 16 S40U TCLNR/L 16 S50V TCLNR/L 16 A25R TCLNR/L 12 A40T TCLNR/L 12 A50V TCLNR/L 12</p>
 <p>62.5° <b>TD-NR / L</b></p>	<p><b>T Sistem/T System</b></p> <p>S32T TD-NR/L 15 S40U TD-NR/L 15 S50V TD-NR/L 15</p>	 <p>107.5° <b>TDQNR / L</b></p>	<p><b>T Sistem/T System</b></p> <p>S25S TDQNR/L 11 S32T TDQNR/L 11 S25S TDQNR/L 15 S32T TDQNR/L 15 S40U TDQNR/L 15 S50V TDQNR/L 15</p>
 <p>75° <b>TSKNR / L</b></p>	<p><b>T Sistem/T System</b></p> <p>S25S TSKNR/L 12 S32T TSKNR/L 12 S40U TSKNR/L 12</p>	 <p>60° <b>TT-NR / L</b></p>	<p><b>T Sistem/T System</b></p> <p>S25S TT-NR/L 16 S32T TT-NR/L 16</p>
 <p>93° <b>TVUNR / L</b></p>	<p><b>T Sistem/T System</b></p> <p>S25S TVUNR/L 16 S32T TVUNR/L 16 S40U TVUNR/L 16</p>	 <p>95° <b>TWLNR / L</b></p>	<p><b>T Sistem/T System</b></p> <p>S25S TWLNR/L 06 S32T TWLNR/L 06 S25S TWLNR/L 08 S32T TWLNR/L 08 S40U TWLNR/L 08 S50V TWLNR/L 08</p> <p>A32S TWLNR/L 08 A40T TWLNR/L 08 A50U TWLNR/L 08</p>
 <p>93° <b>CKUNR / L</b></p>	<p><b>C Sistem/C System</b></p> <p>S25S CKUNR/L 16 S32T CKUNR/L 16 S40U CKUNR/L 16 S50V CKUNR/L 16</p>	 <p>° <b>CTFPR / L</b></p>	<p><b>C Sistem/C System</b></p> <p>S20S CTFPR/L 16 S25T CTFPR/L 16</p>
 <p>93° <b>MDUNR / L</b></p>	<p><b>M Sistem/M System</b></p> <p>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</p>	 <p>90° <b>MTFNR / L</b></p>	<p><b>M Sistem/M System</b></p> <p>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</p>
			 <p>60° <b>MT-NR / L</b></p>



**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



### 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

62.5° **SD-CR / 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

117.5° **SDPCR / 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

107.5° **SDQCR / 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

-° **SRGCR / 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° **SDUCR / L**



### S Sistem/S System

S12K SDXCR/L 07  
S16P SDXCR/L 07  
S20R SDXCR/L 07  
S16P SDXCR/L 11  
S20R SDXCR/L 11  
S25S SDXCR/L 11  
S32T SDXCR/L 11  
S40U SDXCR/L 11

A12H SDXCR/L 07  
A16M SDXCR/L 07  
A20P SDXCR/L 07  
A16M SDXCR/L 11  
A20P SDXCR/L 11  
A25R SDXCR/L 11  
A32S SDXCR/L 11

93° **SDXCR / 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

45° **SSSCR / 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

60° **ST-CR / L**



### S Sistem/S System

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

S12K STFPCR/L 11  
S16P STFPCR/L 11  
S20R STFPCR/L 11

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

90° **STFPCR / 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° **STUCR / L**



### S Sistem/S System

S08H STUPR/L 0802  
S10K STUPR/L 1103  
S12K STUPR/L 1103  
S12M STUPR/L 1103  
S16P STUPR/L 1103  
S16R STUPR/L 1103  
A20R STUPR/L 1103

93° **STUPR / L**



S Sistem/S System

S25S SVJBR/L 16  
S32T SVJBR/L 16  
S40U SVJBR/L 16

93° SVJBR / L



S Sistem/S System

S12K SVJCR/L 11  
S16P SVJCR/L 11  
S20R SVJCR/L 11  
A12H SVJCR/L 11  
A16M SVJCR/L 11  
A20P SVJCR/L 11

93° SVJCR / L



S Sistem/S System

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° SVQBR / L



S Sistem/S System

S16P SVQCR/L 11  
S20R SVQCR/L 11  
S25S SVQCR/L 16  
S32T SVQCR/L 16  
S40U SVQCR/L 16  
A16M SVQCR/L 11  
A20P SVQCR/L 11  
A25R SVQCR/L 16  
A32S SVQCR/L 16  
A40T SVQCR/L 16

107.5° SVQCR / L



S Sistem/S System

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° SVUBR / L



S Sistem/S System

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° SVUCR / L



S Sistem/S System

S16P SVXBR/L 1102  
S20R SVXBR/L 1102  
S16P SVXBR/L 11  
S20R SVXBR/L 11  
S25S SVXBR/L 16  
S32T SVXBR/L 16  
S40U SVXBR/L 16

93° SVXBR / L



S Sistem/S System

S0608H SWLCR/L 03  
S0810K SWLCR/L 03

95° SWLCR / L



S Sistem/S System

S0610H SWUBR/L 06  
S08H SWUBR/L 06-5.5  
S08H SWUBR/L 06-7

93° SWUBR / L



S Sistem Karbür Şaftlı  
S System Carbide Shank

C04G SCLCR/L 03 E08K SCLCR/L 06  
C05H SCLCR/L 03 E10M SCLCR/L 06  
C06J SCLCR/L 04 E12Q SCLCR/L 06  
C07K SCLCR/L 04 E16R SCLCR/L 09  
C06J SCLCR/L 06 E20S SCLCR/L 09

95° SCLCR / L



S Sistem Karbür Şaftlı  
S System Carbide Shank

E10M SDUCR/L 07  
E12Q SDUCR/L 07  
E16R SDUCR/L 11  
E20S SDUCR/L 11

93° SDUCR / L



S Sistem/S System

E08K STFCR/L 06  
E10M STFCR/L 09  
E12Q STFCR/L 09  
E12Q STFCR/L 11

90° STFCR / L



S Sistem/S System

E12Q STUPR/L 1103  
E16R STUPR/L 1103

93° STUPR / L

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

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



### S Sistem/S System

A10H SDUCR/L 07  
A12H SDUCR/L 07  
A16M SDUCR/L 11

93° **SET-A/SDUCR/L**



### S Sistem/S System

E10M SDUCR/L 07  
E12Q SDUCR/L 07  
E16R SDUCR/L 11

93° **SET-E/SDUCR/L**



### S Sistem/S System

S10K SDUCR/L 07  
S12K SDUCR/L 07  
S16P SDUCR/L 11

93° **SET-S/SDUCR/L**

## 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° **SCSCL / 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° **STFCL / 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



### P Sistem/ P System

16CA 12

45° **STSCL / L**

60° **STTCL / L**

75° **PSKCL / L**

75° **PSRCL / L**



## Kartuşlar / Cartridges



### P Sistem/P System

12CA 16  
16CA 16  
16CA 22  
20CA 22

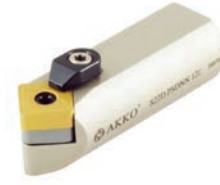
90° **PTFNR / L**



### P Sistem/P System

16CA 22

90° **PTGNR / L**



### P Sistem/P System

S22D PSDNN 12C

45° **PSDNN**

## 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

ATTB-D32-416-10D-H  
ATTB-D40-408-7D-H  
ATTB-D40-528-10D-H  
ATTB-D50-519-7D-H  
ATTB-D50-669-10D-H  
ATTB-D60-628-7D-H  
ATTB-D60-808-10D-H

**ATTB**



### 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

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

95° **SCLCR / L**



### Kartuşlar / Cartridges

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

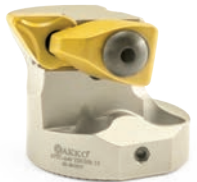
93° **SVUCR / L**



### Kartuşlar / Cartridges

ATTC-A20 STFCR/L 11  
ATTC-A40 STFCR/L 11

90° **STFCR / L**



### Kartuşlar / Cartridges

ATTC-A32 TDUNR/L 11  
ATTC-A40 TDUNR/L 15

93° **TDUNR / L**



### Kartuşlar / Cartridges

ATTC-A40 TTFNR/L 16

90° **TTFNR / L**



### Kartuşlar / Cartridges

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

95° **TCLNR / L**



### Merkezeleme Aparatı / Centering Instrument

ATTC-16-25  
ATTC-32-60

93° **ATTC**

## Boru Pahlama Takımları / Pipe Beveling and Chamfering Tools



Takım Kodu Tool Code	Dmax		Dmin		Max (Out-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



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







-° **ÖTG-TC..**

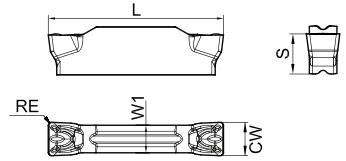
### Takım Adı/Tool Code

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

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

Dış Çap Dış Açma/External Threading Toolholders		Dış Çap Dış Açma İsviçre Tipi Kayar Otomat Makina Katerleri / External Threading Toolholders For Swiss Type Sliding Automatic Lathes	
	0808 E11 1010 E11 1212 F 11 1616 H11 2020 H11 1616 H16C 2020 K16C	2525 M16C 3232 P16C 2525 M22C 3232 P22C 4040 S22C	2525 M16C-T 2525 M22C-T 2020 K16C-S 2525 M16C-S 3232 P16C-S
<b>SER / L</b>			1010 K11-S 1212 K11-S 1212 K16-S
	Dış Çap Dış Açma/ External Threading Toolholders 1616 H16 2020 K16 2525 M16 3232 P16 2525 M22 3232 P22 4040 S22 2525 M27 3232 P27 4040 S27		Delik İçi Dış Açma Takımları/Internal Threading Toolholders S12X05H 06 S16X05H 06 S16X07M 08 S10H 11 A10H 11 S12K 11 A12K 11 S16X10M 11 S16X13M 11 S16M 11 A16X13M 16 S16X13M 16
<b>TER / L</b>		<b>SIR / L</b>	S16M 16 S20X16P 16 A20X16P 16 S20P 16 S25R 16C S32S 16C S40T 16C S50U 16C S20P 22
			S25R 22C S32S 22C S40T 22C S50U 22C S25R 16C-T S32S 16C-T S25R 22C-T S32S 22C-T
			
			Delik İçi Dış Açma Takımları/ Internal Threading Toolholders A20P 16 A25R 16 A32S 16 A40T 16 S25R 16 S32S 16 S40T 16 S50U 16 S25R 22 S32S 22 S40T 22 S50U 22 S32S 27 S40T 27 S50U 27
			<b>TIR / L</b>

## Kesme ve Kanal Açma Uçları / Parting and Grooving Inserts



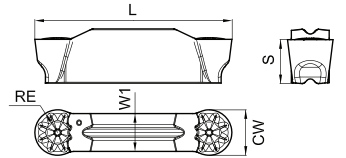
### AGD-MT

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 Üretilen / 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 Üretilen / Available upon order

ISO	İs Parçası Matzemesi Workpiece Material	Sertlik Hardness (HB)	Kesme Hızı / Cutting Speed Vc m/min)						
			AP1105	AP1225	AK1115	AS3115	AS3125	AA4230	AS9125
<b>P</b>	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)	
<b>M</b>	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)	
<b>K</b>	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)	
<b>S</b>	Isıya Dayanıklı Alaşımlar Heat-resistant Alloy	130 - 400				35 (15-60)	35 (15-70)		
	Titanyum Alaşımlar Titanium Alloys	130 - 400				35 (15-60)	35 (15-70)		35 (15-60)

**Kanal Açma Takımları / Grooving Toolholders**

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



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



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

ALBU

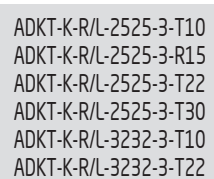
ALBU

**Kanal Açma Takımları / Grooving Toolholders**



ADKT-K-R/L-1212-1.5-T15  
ADKT-K-R/L-2020-1.5-T15  
ADKT-K-R/L-1212-2-T15  
ADKT-K-R/L-1616-2-T10  
ADKT-K-R/L-1616-2-T15  
ADKT-K-R/L-2020-2-T15  
ADKT-K-R/L-2525-2-T15  
ADKT-K-R/L-3232-2-T15  
ADKT-K-R/L-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

AKKO UCUNA UYGUNDUR.  
COMPATIBLE WITH  
AKKO 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

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

AKKO UCUNA UYGUNDUR.  
COMPATIBLE WITH AKKO 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

## 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.



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

AKKO UCUNA UYGUNDUR.  
COMPATIBLE WITH AKKO 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



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

AKKO UCUNA UYGUNDUR.  
COMPATIBLE WITH AKKO 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

ARN UCUNA UYGUNDUR.  
COMPATIBLE WITH ARN INSERT.



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

CRTZT UCUNA UYGUNDUR.  
COMPATIBLE WITH CRTZT INSERT.



ADKT-H-R/L-2020-3-T20  
ADKT-H-R/L-2525-3-T22  
ADKT-H-R/L-2525-3-T26  
ADKT-H-R/L-2020-4-T20  
ADKT-H-R/L-2525-4-T22  
ADKT-H-R/L-3232-4-T22  
ADKT-H-R/L-2020-5-T20  
ADKT-H-R/L-2525-5-T25  
ADKT-H-R/L-2525-6-T25

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.



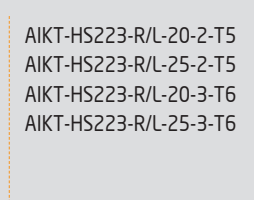
ADKT-HK-R/L-1616-2-T15  
ADKT-HK-R/L-2020-2-T15  
ADKT-HK-R/L-2525-2-T15  
ADKT-HK-R/L-1616-3-T15  
ADKT-HK-R/L-2020-3-T20  
ADKT-HK-R/L-2525-3-T22  
ADKT-HK-R/L-2020-4-T20  
ADKT-HK-R/L-2525-4-T22  
ADKT-HS223-R/L-2020-2-T15  
ADKT-HS223-R/L-2020-3-T17

HRN UCUNA UYGUNDUR.  
COMPATIBLE WITH HRN INSERT.



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

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



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

HRN UCUNA UYGUNDUR.  
COMPATIBLE WITH HRN 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

ISCR UCUNA UYGUNDUR.  
COMPATIBLE WITH ISCR INSERT.

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-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



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

ISCR UCUNA UYGUNDUR.  
COMPATIBLE WITH ISCR INSERT.



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  
**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

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

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

KRLY UCUNA UYGUNDUR.  
COMPATIBLE WITH KRLY INSERT.



AAKT-KG-R/L-2525-44-70-4-T22  
AAKT-KG-R/L-2525-60-120-4-T22  
AAKT-KG-R/L-2525-112-200-4-T22

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

SNDVK UCUNA UYGUNDUR.  
COMPATIBLE WITH SNDVK INSERT.

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



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



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

TGTC UCUNA UYGUNDUR.  
COMPATIBLE WITH TGTC INSERT.

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



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

TGTC UCUNA UYGUNDUR.  
COMPATIBLE WITH TGTC 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

TNGLY UCUNA UYGUNDUR.  
COMPATIBLE WITH TNGLY INSERT.

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



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

TNGLY UCUNA UYGUNDUR.  
COMPATIBLE WITH TNGLY INSERT.



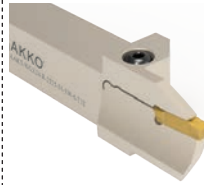
ADKT-WGX16-R/L-2020-2-R16  
ADKT-WGX16-R/L-2525-2-R16  
ADKT-WGX24-R/L-2020-3-T20  
ADKT-WGX24-R/L-2525-3-T12  
ADKT-WGX24-R/L-2525-3-T22  
ADKT-WGX24-R/L-3232-3-T22  
ADKT-WGX24-R/L-2525-4-T22  
ADKT-WGX24-R/L-2525-5-T25  
ADKT-WGX24-R/L-3232-5-T25

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

WLTR UCUNA UYGUNDUR.  
COMPATIBLE WITH WLTR INSERT.



ADKT-GB-R/L-1212-3  
ADKT-GB-R/L-1616-3  
ADKT-GB-R/L-2020-3

XTC-GSC UCUNA UYGUNDUR.  
COMPATIBLE WITH XTC-GSC 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

ZCC UCUNA UYGUNDUR.  
COMPATIBLE WITH ZCC INSERT.

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





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

ZCC UCUNA UYGUNDUR.  
COMPATIBLE WITH ZCC INSERT.

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



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

ZCC UCUNA UYGUNDUR.  
COMPATIBLE WITH ZCC INSERT.

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



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

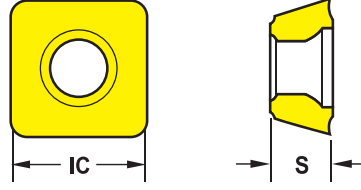
ZCC UCUNA UYGUNDUR.  
COMPATIBLE WITH ZCC INSERT.



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)

ZCC UCUNA UYGUNDUR.  
COMPATIBLE WITH ZCC INSERT.

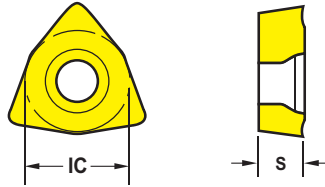


**Delik Delme Uçları (SPMX - WCMX) / Drilling Inserts (SPMX - WCMX)**


	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 Alaşımli Çelik	390	980
	10~11	High-Alloyed Steel / Yüksek Alaşımli 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  
ADCR-185-VB1103  
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ADCR-195-VB1103  
ADCR-200-VB1103  
ADCR-205-VB1103  
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ADCR-215-VB1103  
ADCR-220-VB1103  
ADCR-225-VB1103  
ADCR-230-VB1103  
ADCR-235-VB1103  
ADCR-240-VB1103  
ADCR-245-VB1103  
ADCR-250-VB1103  
ADCR-255-VB1103  
ADCR-260-VB1103  
ADCR-265-VB1103  
ADCR-270-VB1103  
ADCR-275-VB1103  
ADCR-280-VB1103  
ADCR-285-VB1103  
ADCR-290-VB1103  
ADCR-295-VB1103  
ADCR-300-VB1103

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  
ATUM 19XD2 WCM. 030208  
ATUM 19.5XD2 WCM. 030208  
ATUM 20XD2 WCM. 040208  
ATUM 20.5XD2 WCM. 040208  
ATUM 21XD2 WCM. 040208  
ATUM 21.5XD2 WCM. 040208  
ATUM 22XD2 WCM. 040208  
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ATUM 23XD2 WCM. 040208  
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ATUM 29.5XD2 WCM. 050308  
ATUM 30XD2 WCM. 06T308  
ATUM 30.5XD2 WCM. 06T308  
ATUM 31XD2 WCM. 06T308  
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ATUM 39XD2 WCM. 06T308  
ATUM 40XD2 WCM. 06T308  
ATUM 41XD2 WCM. 06T308  
ATUM 42XD2 WCM. 06T308  
ATUM 43XD2 WCM. 06T308  
ATUM 44XD2 WCM. 06T308  
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ATUM 57XD2 WCM. 080412  
ATUM 58XD2 WCM. 080412  
ATUM 59XD2 WCM. 080412  
ATUM 60XD2 WCM. 080412

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



AET

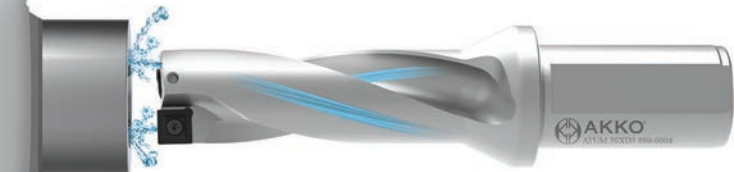
AET-2025  
AET-2532  
AET-3240

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  
ATUM 19XD3 WCM. 030208  
ATUM 19.5XD3 WCM. 030208  
ATUM 20XD3 WCM. 040208  
ATUM 20.5XD3 WCM. 040208  
ATUM 21XD3 WCM. 040208  
ATUM 21.5XD3 WCM. 040208  
ATUM 22XD3 WCM. 040208  
ATUM 22.5XD3 WCM. 040208  
ATUM 23XD3 WCM. 040208  
ATUM 23.5XD3 WCM. 040208  
ATUM 24XD3 WCM. 050308  
ATUM 24.5XD3 WCM. 050308  
ATUM 25XD3 WCM. 050308  
ATUM 25.5XD3 WCM. 050308  
ATUM 26XD3 WCM. 050308  
ATUM 26.5XD3 WCM. 050308  
ATUM 27XD3 WCM. 050308  
ATUM 27.5XD3 WCM. 050308  
ATUM 28XD3 WCM. 050308  
ATUM 28.5XD3 WCM. 050308  
ATUM 29XD3 WCM. 050308

ATUM 29.5XD3 WCM. 050308  
ATUM 30XD3 WCM. 06T308  
ATUM 30.5XD3 WCM. 06T308  
ATUM 31XD3 WCM. 06T308  
ATUM 31.5XD3 WCM. 06T308  
ATUM 32XD3 WCM. 06T308  
ATUM 32.5XD3 WCM. 06T308  
ATUM 33XD3 WCM. 06T308  
ATUM 33.5XD3 WCM. 06T308  
ATUM 34XD3 WCM. 06T308  
ATUM 34.5XD3 WCM. 06T308  
ATUM 35XD3 WCM. 06T308  
ATUM 35.5XD3 WCM. 06T308  
ATUM 36XD3 WCM. 06T308  
ATUM 36.5XD3 WCM. 06T308  
ATUM 37XD3 WCM. 06T308  
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 29.5XD4 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



KRLY UCUNA UYGUNDUR.  
COMPATIBLE WITH KRLY INSERT.

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

#### D2 SO.. - MTSBH



MTSBH UCUNA UYGUNDUR.  
COMPATIBLE WITH MTSBH INSERT.

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

#### D3 SO.. - MTSBH



MTSBH UCUNA UYGUNDUR.  
COMPATIBLE WITH MTSBH INSERT.

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

#### D3 880.. (SNDVK)



SNDVK UCUNA UYGUNDUR.  
COMPATIBLE WITH SNDVK INSERT.

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..

#### D4 SO.. - MTSBH



MTSBH UCUNA UYGUNDUR.  
COMPATIBLE WITH MTSBH INSERT.

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

#### 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)



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

ZCC UCUNA UYGUNDUR.  
 COMPATIBLE WITH ZCC INSERT.

#### D4 SPGT - (ZCC)



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

ZCC UCUNA UYGUNDUR.  
 COMPATIBLE WITH ZCC INSERT.

#### D5 SPGT - (ZCC)



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

ZCC UCUNA UYGUNDUR.  
 COMPATIBLE WITH ZCC INSERT.

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



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

CRTZT UCUNA UYGUNDUR.  
 COMPATIBLE WITH CRTZT INSERT.

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



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

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

KRLY UCUNA UYGUNDUR.  
 COMPATIBLE WITH  
 KRLY 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.

**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 radiuslü 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 Wendschneidplatten mit einem Radius von 0,2 oder 0,4. Wir bitten Sie, die Angaben zum Wendschneidplattenradius 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	29-40	ABHF-D29X40-WA16
SET-I-ABHF-D39X54-WA20	39-54	ABHF-D39X54-WA20
SET-I-ABHF-D52X80-WA25	52-80	ABHF-D52X80-WA25
SET-I-ABHF-D78X170-WA32	78-170	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 radiuslü 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 Wendschneidplatten mit einem Radius von 0,2 oder 0,4. Wir bitten Sie, die Angaben zum Wendschneidplattenradius 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	29-40	ABHF-D29X40-WA16
SET-ABHF-D39X54-WA20	39-54	ABHF-D39X54-WA20
SET-ABHF-D52X80-WA25	52-80	ABHF-D52X80-WA25
SET-ABHF-D78X170-WA32	78-170	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
SWLCR-D06X10-22
SWLCR-D08X14-30



Takım Kodu / Tool Code
STUPR-D12X18-40
STUPR-D16X22-40
STUPR-D20X26-40
STUPR-D24X30-50



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




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

-°	ACM...-TC..	Uç / Insert	Takım Kodu / Tool Code
	TCT 16T304		ACM10-TC16-D17X22-W16-L90-Z01
			ACM15-TC16-D17X24-W16-L90-Z01
			ACM15-TC16-D22X29-W16-L100-Z01
			ACM15-TC16-D30X37-W20-L100-Z02
			ACM15-TC16-D35X42-W20-L100-Z03
			ACM15-TC16-D52X59-W25-L110-Z03
			ACM17.5-TC16-D17X25-W16-L90-Z01
			ACM18.5-TC16-D21.3X30-W20-L100-Z02
			ACM19.5-TC16-D17X27-W16-L100-Z01
			ACM20-TC16-D12X22-W16-L100-Z01
			ACM20-TC16-D17X27-W16-L100-Z01
			ACM20-TC16-D23X33-W20-L100-Z02
			ACM20-TC16-D28X38-W20-L100-Z02
			ACM20-TC16-D35X45-W20-L100-Z03
			ACM20-TC16-D39X49-W20-L100-Z03
			ACM20-TC16-D45X55-W25-L110-Z03
			ACM20-TC16-D51X61-W25-L110-Z03
			ACM22.5-TC16-D17X28-W16-L100-Z01
			ACM25-TC16-D17X29-W16-L100-Z01
			ACM30-TC16-D6X20-W16-L100-Z01
ACM30-TC16-D15X30-W16-L100-Z01			
ACM30-TC16-D17.5X32.5-W20-L100-Z02			
ACM30-TC16-D20X35-W16-L100-Z02			
ACM30-TC16-D30X45-W20-L100-Z02			
ACM30-TC16-D35X50-W20-L100-Z03			
ACM30-TC16-D45X60-W25-L110-Z03			
ACM40-TC16-D18X37-W20-L100-Z02			
TCT 090204	ACM45-TC09-D7X18-W16-L100-Z02		
TCT 110204	ACM45-TC11-D8X21.5-W16-L90-Z02		
	ACM45-TC11-D11X24-W16-L100-Z02		
TCT 16T304	ACM45-TC16-D5X26-W16-L100-Z01		
	ACM45-TC16-D10X31-W16-L100-Z02		
	ACM45-TC16-D10X31-W20-L100-Z02		
	ACM45-TC16-D14X35-W20-L100-Z02		
	ACM45-TC16-D18X39-W16-L100-Z02		
	ACM45-TC16-D18X39-W20-L100-Z02		
	ACM45-TC16-D20X41-W20-L100-Z02		
	ACM45-TC16-D30X51-W20-L100-Z02		
	ACM50-TC16-D16X39-W20-L100-Z03		
	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
	TBGT 060102	ATM60-TB0601-D13-C10-L150-Z02-H	
	TC.T 090202	ATM60-TC0902-D20.5-C16-L150-Z02-H	
	TC.T 110202	ATM60-TC1102-D26-C20-L150-Z03-H	
	TC.T 16T304	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-D12-C16-L100-Z01-H
			AEM90-AP10-D12-W16-L100-Z01-H
			AEM90-AP10-D12-W16-L150-Z01
			AEM90-AP10-D14-W16-L100-Z01-H
			AEM90-AP10-D14-W16-L150-Z01
			AEM90-AP10-D16-C16-L100-Z02-H
			AEM90-AP10-D16-W16-L85-Z02-H
			AEM90-AP10-D16-W16-L100-Z02-H
			AEM90-AP10-D16-W16-L150-Z02-H
			AEM90-AP10-D16-W16-L200-Z02
			AEM90-AP10-D16-C16-L120-Z02-H
			AEM90-AP10-D16-C16-L250-Z02-H
			AEM90-AP10-D16-C16-L150-Z02
			AEM90-AP10-D16-C16-L150-Z02-H
			AEM90-AP10-D16-W16-L150-Z02
			AEM90-AP10-D16-C16-L200-Z02
			AEM90-AP10-D16-C16-L200-Z02-H
			AEM90-AP10-D16-C16-L250-Z02
			AEM90-AP10-D17-C16-L150-Z02
			AEM90-AP10-D18-W16-L100-Z02-H
			AEM90-AP10-D18-W16-L150-Z02
			AEM90-AP10-D20-C19-L180-Z02
			AEM90-AP10-D20-C20-L100-Z03-H
			AEM90-AP10-D20-W20-L90-Z03-H
			AEM90-AP10-D20-W20-L100-Z03-H
			AEM90-AP10-D20-C20-L120-Z03-H
			AEM90-AP10-D20-C20-L150-Z03
			AEM90-AP10-D20-C20-L150-Z03-H
			AEM90-AP10-D20-W20-L150-Z03
			AEM90-AP10-D20-C20-L200-Z02
			AEM90-AP10-D20-C20-L200-Z03-H
			AEM90-AP10-D20-C20-L250-Z02
			AEM90-AP10-D20-C20-L250-Z02-H
			AEM90-AP10-D20.5-C20-L90-Z03
			AEM90-AP10-D21-C20-L150-Z03
AEM90-AP10-D21-C20-L200-Z03			
AEM90-AP10-D21-C20-L200-Z03-H			
AEM90-AP10-D21-W20-L150-Z03			
AEM90-AP10-D22-W20-L100-Z03-H			
AEM90-AP10-D22-W20-L150-Z03			
AEM90-AP10-D22.5-W20-L150-Z03			
AEM90-AP10-D23-W20-L150-Z03			
AEM90-AP10-D24-W20-L150-Z03			
AEM90-AP10-D25-W25-L100-Z04-H			
AEM90-AP10-D25-W25-L95-Z04-H			
AEM90-AP10-D25-W25-L150-Z04-H			
AEM90-AP10-D25-C25-L100-Z03-H			
AEM90-AP10-D25-W25-L100-Z03-H			
AEM90-AP10-D25-C25-L120-Z03-H			
AEM90-AP10-D25-C25-L150-Z03			
AEM90-AP10-D25-W25-L150-Z03			
AEM90-AP10-D25-C25-L200-Z02			
AEM90-AP10-D25-C25-L200-Z03			
AEM90-AP10-D25-C25-L250-Z02			
AEM90-AP10-D26-C25-L200-Z04			
AEM90-AP10-D30-C25-L100-Z04-H			
AEM90-AP10-D30-C25-L120-Z04-H			
AEM90-AP10-D30-C25-L150-Z04			
AEM90-AP10-D32-C25-L100-Z04-H			
AEM90-AP10-D32-C25-L120-Z04-H			
AEM90-AP10-D32-C25-L150-Z04			
AEM90-AP10-D32-W25-L150-Z04			
AEM90-AP10-D32-C32-L120-Z04-H			

ISO UCUNA UYGUNDUR.  
COMPATIBLE WITH ISO INSERT.



## Frezeleme Takımları / Milling Tools

90°	AEM90-AP..	Uç / Insert	Takım Kodu / Tool Code
	AP.. 1003..		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


ISO UCUNA UYGUNDUR.  
COMPATIBLE WITH ISO INSERT.

-°	ACBM-..	Uç / Insert	Takım Kodu / Tool Code		
	CC.. 0602..		ACBM-CC06-D17X6-W16-L150-Z02		
			ACBM-CC06-D18X7-W16-L100-Z02-H		
			ACBM-CC06-D18X7-W16-L160-Z02-H		
			ACBM-CC06-D20X9-W20-L100-Z02-H		
			ACBM-CC06-D20X9-W20-L160-Z02-H		
			ACBM-CC09-D26X8.5-W25-L130-Z02-H		
			ACBM-CC09-D26X8.5-W25-L200-Z02		
			ACBM-CC09-D30X12.5-W32-L130-Z02-H		
			ACBM-CC09-D33X15.5-W32-L130-Z02-H		
			ACBM-CC09-D33X15.5-W32-L200-Z02-H		
			ACBM-SP06-D15X4-W16-L160-Z02-H		
			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


ISO UCUNA UYGUNDUR.  
COMPATIBLE WITH ISO INSERT.

90°	ATSM90-CC..	Uç / Insert	Takım Kodu / Tool Code
	CC.. 0602..		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
			ATSM90-CC12-D47X20-W32-L120-Z04
			ATSM90-CC12-D52X21-W32-L120-Z04
			ATSM90-CC12-D50X22-W32-L120-Z04
			ATSM90-CC12-D55X22-W32-L120-Z04


ISO UCUNA UYGUNDUR.  
COMPATIBLE WITH ISO INSERT.

90°	AHM90-AP10	Uç / Insert	Takım Kodu / Tool Code
	AP.. 1003..		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


ISO UCUNA UYGUNDUR.  
COMPATIBLE WITH ISO INSERT.

90°	AEM90-AP..	Uç / Insert	Takım Kodu / Tool Code
	AP.. 1003..		AEM90-AP10-D16-M08-L30-Z02-H
			AEM90-AP10-D20-M10-L30-Z03-H
			AEM90-AP10-D25-M12-L35-Z03-H
			AEM90-AP10-D32-M16-L35-Z04-H
			AEM90-AP10-D32-M16-L40-Z04-H
			AEM90-AP10-D40-M16-L43-Z05-H
			AEM90-AP10-D42-M16-L43-Z05-H
			AEM90-AP16-D25-M12-L43-Z02-H
			AEM90-AP16-D32-M16-L43-Z03-H
	AEM90-AP16-D40-M16-L43-Z04-H		
	AEM90-AP16-D42-M16-L43-Z04-H		
	AP.. 1604..		AEM90-AP16-D25-M12-L43-Z02-H
			AEM90-AP16-D32-M16-L43-Z03-H
			AEM90-AP16-D40-M16-L43-Z04-H
			AEM90-AP16-D42-M16-L43-Z04-H

ISO UCUNA UYGUNDUR.  
COMPATIBLE WITH ISO INSERT.

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

ISO UCUNA UYGUNDUR.  
COMPATIBLE WITH ISO INSERT.

90°	AFM90-AP..	Uç / Insert	Takım Kodu / Tool Code
	AP.. 1003..		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
			AFM90-AP16-D040-A16-Z04-H
			AFM90-AP16-D050-A22-Z05-H
			AFM90-AP16-D052-A22-Z05-H
	AP.. 1604..		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


ISO UCUNA UYGUNDUR.  
COMPATIBLE WITH ISO INSERT.

90°	ASDM-CC..	Uç / Insert	Takım Kodu / Tool Code
	CC.. 0602..		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


ISO UCUNA UYGUNDUR.  
COMPATIBLE WITH ISO INSERT.

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.

90°	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		
	RD.. 0803		
	AEMR-RD0803-D16-M08-L23-Z02-H		
	AEMR-RD0803-D20-M10-L30-Z03-H		
	AEMR-RD0803-D25-M12-L35-Z04-H		
	RD.. 1003		
	AEMR-RD1003-D20-M10-L30-Z02-H		
	AEMR-RD1003-D25-M12-L35-Z02-H		
	AEMR-RD1003-D25-M12-L35-Z03-H		
	AEMR-RD1003-D30-M16-L43-Z04-H		
	AEMR-RD1003-D32-M16-L43-Z04-H		
	AEMR-RD1003-D35-M16-L43-Z04-H		
	AEMR-RD1003-D40-M16-L43-Z05-H		
	AEMR-RD1003-D42-M16-L43-Z05-H		
	RD.. 1004		
	AEMR-RD1004-D25-M12-L35-Z03-H		
AEMR-RD1004-D32-M16-L43-Z04-H			
AEMR-RD1004-D42-M16-L43-Z05-H			
RD.. 12T3			
AEMR-RD12T3-D24-M12-L35-Z02-H			
AEMR-RD12T3-D25-M12-L35-Z02-H			
AEMR-RD12T3-D32-M16-L43-Z03-H			
AEMR-RD12T3-D35-M16-L43-Z03-H			
AEMR-RD12T3-D35-M16-L43-Z04-H			
AEMR-RD12T3-D40-M16-L43-Z04-H			
AEMR-RD12T3-D42-M16-L43-Z05-H			
RD.. 1204			
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			
RD.. 1604			
AEMR-RD1604-D32-M16-L43-Z02-H			
AEMR-RD1604-D40-M16-L43-Z02-H			
AEMR-RD1604-D42-M16-L43-Z03-H			

ISO UCUNA UYGUNDUR.  
COMPATIBLE WITH ISO INSERT.


90°	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
	RD.. 08T2..		
	AEMR-RD08T2-D16-W16-L150-Z02		
	AEMR-RD08T2-D20-W20-L150-Z02		
	RD.. 0803..		
	AEMR-RD0803-D16-C20-L200-Z03		
	AEMR-RD0803-D20-W20-L150-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-W25-L200-Z02		
	AEMRC-RD1003-D25-C25-L200-Z02		
	AEMRC-RD1003-D25-C25-L250-Z02		
	AEMRC-RD1003-D26-C25-L160-Z02		
	AEMRC-RD1003-D32-W32-L150-Z03		
	AEMRC-RD1003-D32-C32-L250-Z02		
	AEMRC-RD1003-D33-C32-L160-Z03		
	AEMRC-RD1003-D40-W32-L150-Z04		
	AEMRC-RD1003-D40-C32-L250-Z02		
	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..			
AEMRC-RD12T3-D25-W25-L150-Z02			
AEMRC-RD12T3-D25-W25-L200-Z02			
AEMRC-RD12T3-D25-C25-L250-Z02			
AEMRC-RD12T3-D25-C25-L300-Z02			
AEMRC-RD12T3-D32-W32-L150-Z03			
AEMRC-RD12T3-D32-C32-L250-Z02			
AEMRC-RD12T3-D40-W32-L150-Z04			
AEMRC-RD12T3-D40-C32-L250-Z02			
RD.. 1204..			
AEMRC-RD1204-D25-C25-L180-Z02			
AEMRC-RD1204-D32-C32-L160-Z03			
AEMRC-RD1204-D32-C32-L200-Z02			
AEMRC-RD1204-D32-W32-L160-Z03			
AEMRC-RD1204-D33-C32-L160-Z03			
AEMRC-RD1204-D32-C32-L160-Z03-H			
RD.. 1604			
AEMRC-RD1604-D40-W32-L150-Z02			

ISO UCUNA UYGUNDUR.  
COMPATIBLE WITH ISO INSERT.


90°	AFMRC-RD..	Uç / Insert	Takım Kodu / Tool Code
	RD..0702..		AFMR-RD0702-D050-A22-Z06-H
	RD..0803..		AFMR-RD0803-D050-A22-Z05-H
	RD..1003..		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		
	RD..1004..		
	AFMRC-RD1004-D063-A22-Z06-H		
	AFMRC-RD1004-D080-A27-Z08-H		
	RD..10T3..		
	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
	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
	RD..1604..		AFMRC-RD1204-D100-A32-Z07-H
			AFMRC-RD1204-D100-A32-Z08-H
			AFMRC-RD1604-D050-A22-Z04-H
			AFMRC-RD1604-D052-A22-Z04-H
			AFMRC-RD1604-D063-A22-Z05-H
			AFMRC-RD1604-D066-A22-Z05-H
			AFMRC-RD1604-D066-A27-Z05-H
			AFMRC-RD1604-D080-A27-Z06-H
			AFMRC-RD1604-D100-A32-Z07-H
			AFMRC-RD1604-D125-B40-Z07
			AFMRC-RD1604-D160-C40-Z08
			AFMRC-RD1604-D200-C40-Z10


ISO UCUNA UYGUNDUR.  
COMPATIBLE WITH ISO INSERT.

-°	ATSMR-RD..	Uç / Insert	Takım Kodu / Tool Code
		RD.. 0702..	ATSMR-RD0702-D17-W16-L90-Z02 ATSMR-RD0702-D25-W16-L90-Z03 ATSMR-RD0702-D35-W25-L100-Z05
		RD.. 1003..	ATSMR-RD1003-D21-W25-L100-Z02 ATSMR-RD1003-D80-W32-L165-Z06-H
		RD.. 12T3..	ATSMR-RD12T3-D25-W25-L100-Z02 ATSMR-RD12T3-D40-W32-L100-Z03 ATSMR-RD12T3-D80-W32-L165-Z06-H
		RD.. 1604..	ATSMR-RD1604-D34-W32-L110-Z02

ISO UCUNA UYGUNDUR.  
COMPATIBLE WITH ISO INSERT.

-°	AEMRC-RD10T3	Uç / Insert	Takım Kodu / Tool Code	
		RD.. 10T3	AEMRC-RD10T3-D20-M10-L30-Z02 AEMRC-RD10T3-D25-M12-L35-Z02-H AEMRC-RD10T3-D32-M16-L43-Z03-H	


ISO UCUNA UYGUNDUR.  
COMPATIBLE WITH ISO INSERT.

90°	AEM90-DC..	Uç / Insert	Takım Kodu / Tool Code	
		DC.T 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	
		DC.T 11T3..	AEM90-DC11-D32-M16-L43-Z03-H-F AEM90-DC11-D40-M16-L43-Z03-H-F	


ISO UCUNA UYGUNDUR.  
COMPATIBLE WITH ISO INSERT.

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


ISO UCUNA UYGUNDUR.  
COMPATIBLE WITH ISO INSERT.

43°	AFM43-OF05T3	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	


ISO UCUNA UYGUNDUR.  
COMPATIBLE WITH ISO INSERT.

90°	AFM90-VC2205	Uç / Insert	Takım Kodu / Tool Code	
		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.

43°	AFM43C-OF07	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	


ISO UCUNA UYGUNDUR.  
COMPATIBLE WITH ISO INSERT.

45°	AFM45-ON0806	Uç / Insert	Takım Kodu / Tool Code	
		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.

43°	AFM88C-SN12	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	

ISO UCUNA UYGUNDUR.  
COMPATIBLE WITH ISO INSERT.


45°	AFM45-ON0806	Uç / Insert	Takım Kodu / Tool Code	
		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.


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.




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.

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.

-°	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.

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.. 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.

-°	AFM90-AP16A	Uç / Insert	Takım Kodu / Tool Code
		AP.. 1003..	AEM90-AP100-D16-C15-L150-Z02 AEM90-AP100-D21-C20-L150-Z03 AEM90-AP100-D26-C25-L150-Z04 AEM90-AP100-D33-C32-L200-Z05
		AP.. 1135..	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-H..	Uç / Insert	Takım Kodu / Tool Code
		H23	ATM-H23-D23-C25-L100-Z02-H
		H32	ATM-H32-D32-C32-L130-Z05-H


CPT UCUNA UYGUNDUR.  
COMPATIBLE WITH CPT INSERT.

-°	ATM-C..	Uç / Insert	Takım Kodu / Tool Code
		C14	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
		C21	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
		C30	ATM-C30-D29-W25-L150-Z01-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°	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	Uç / Insert	Takım Kodu / Tool Code
		RPNX 10T3..	AEMR-RP10T3-D25-M12-L35-Z02-H AEMR-RP10T3-D32-M16-L43-Z03-H
		RPNX 1204..	AEMR-RP1204-D32-M16-L43-Z03-H
CRTZT UCUNA UYGUNDUR. COMPATIBLE WITH CRTZT INSERT.			


-°	AFMR-RP..	Uç / Insert	Takım Kodu / Tool Code
		RPNX 10T3..	AFMR-RP10T3-D063-A22-Z06-H AFMR-RP10T3-D080-A27-Z07-H
		RPNX 1204..	AFMR-RP1204-D040-A16-Z04-H AFMR-RP1204-D050-A22-Z05-H AFMR-RP1204-D080-A27-Z07-H
CRTZT UCUNA UYGUNDUR. COMPATIBLE WITH CRTZT INSERT.			


45°	AFM45-SA1706	Uç / Insert	Takım Kodu / Tool Code
		SAKU 1706..	AFM45-SA1706-D080-A27-Z06-H AFM45-SA1706-D100-A32-Z07-H AFM45-SA1706-D125-B40-Z09
CRTZT UCUNA UYGUNDUR. COMPATIBLE WITH CRTZT INSERT.			

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

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


90°	AEM90-ZP13T3	Uç / Insert	Takım Kodu / Tool Code
		AP. 1003..	AEM90-AP10D-D16-W16-L150-Z02 AEM90-AP10D-D20-W20-L150-Z03 AEM90-AP10D-D25-W20-L150-Z03
		AP. 1604..	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
DJT UCUNA UYGUNDUR. COMPATIBLE WITH DJT INSERT.			

90°	AEM90-ZP13T3	Uç / Insert	Takım Kodu / Tool Code
		AP. 1003..	AEM90-AP10D-D16-M08-L30-Z02-H AEM90-AP10D-D20-M10-L30-Z03-H AEM90-AP10D-D25-M12-L35-Z03-H
		AP. 1604..	AEM90-AP16DJ-D25-M12-L43-Z02-H AEM90-AP16DJ-D32-M16-L43-Z03-H AEM90-AP16DJ-D40-M16-L43-Z04-H
DJT UCUNA UYGUNDUR. COMPATIBLE WITH DJT INSERT.			

90°	AFM90-AP16DJ	Uç / Insert	Takım Kodu / Tool Code
		AP. 1604..	AFM90-AP16DJ-D050-A22-Z05-H AFM90-AP16DJ-D063-A22-Z06-H AFM90-AP16DJ-D080-A27-Z07-H
DJT UCUNA UYGUNDUR. COMPATIBLE WITH DJT INSERT.			

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

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

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

-°	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-D12-C12-L120-Z04 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


-°	AHFM-Y00602	Uç / Insert	Takım Kodu / Tool Code
		Y0HW 0602..	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-F AHFM-Y00602-D10-C10-L120-Z02-H AHFM-Y00602-D12-C11-L120-Z02-F AHFM-Y00602-D12-C11-L120-Z02-H-F AHFM-Y00602-D12-C11-L120-Z02-H AHFM-Y00602-D12-C11-L120-Z03-F AHFM-Y00602-D12-C12-L080-Z02-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-ZN11	Uç / Insert	Takım Kodu / Tool Code
		ZN..1105..	AEM90-ZN11-D21-C20-L150-Z03 AEM90-ZN11-D21-C20-L200-Z03 AEM90-ZN11-D25-C25-L150-Z04
DJT UCUNA UYGUNDUR. COMPATIBLE WITH DJT INSERT.			

90°	AEM90-AD1505D	Uç / Insert	Takım Kodu / Tool Code
		ADKT 150508	AEM90-AD1505D-D25-M12-L43-Z02-H AEM90-AD1505D-D32-M16-L43-Z03-H
DJT UCUNA UYGUNDUR. COMPATIBLE WITH DJT INSERT.			


95°	AEM95-XD..	Uç / Insert	Takım Kodu / Tool Code
		XDHW 0206..	AEM95-XD0206-D16-M08-L23-Z02-H AEM95-XD0206-D16-M08-L23-Z02-H-F AEM95-XD0206-D20-M10-L30-Z03-H AEM95-XD0206-D20-M10-L30-Z03-H-F AEM95-XD0206-D25-M12-L35-Z03-H AEM95-XD0206-D25-M12-L35-Z03-H-F
		XDHW 0310..	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.			


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


-°	APMR-BNM..	Uç / Insert	Takım Kodu / Tool Code
		BNM 120-S	APMR-BNM12-D12-M06-L20
		BNM 160-S	APMR-BNM16-D16-M08-L23
		BNM 200-S	APMR-BNM20-D20-M10-L30
DJT UCUNA UYGUNDUR. COMPATIBLE WITH DJT INSERT.			

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

-°	AHFMC-WD..	Uç / Insert	Takım Kodu / Tool Code
		WD.W 06T3..	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-D063-A27-Z05-H AHFMC-WD0805D-D066-A27-Z05-H AHFMC-WD0805D-D080-A27-Z05 AHFMC-WD0805D-D100-A32-Z06
		WD.W 10X6..	AHFMC-WD10X6D-D125-B40-Z06 AHFMC-WD10X6D-D160-C40-Z07
DJT UCUNA UYGUNDUR. COMPATIBLE WITH DJT INSERT.			


-°	AHFM-W004T2	Uç / Insert	Takım Kodu / Tool Code
		W0MW 04T2..	AHFM-W004T2D-D16-C16-L150-Z02 AHFM-W004T2D-D17-C16-L150-Z02
DJT UCUNA UYGUNDUR. COMPATIBLE WITH DJT INSERT.			


90°	AFM90-AD1505D	Uç / Insert	Takım Kodu / Tool Code
		ADKT 150508	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.			

-°	AHFM-WD..	Uç / Insert	Takım Kodu / Tool Code
		WD.T 0503..	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
		WD.W 06T3..	AHFMC-WD06T3D-D35-M16-L43-Z03-H
		WD.W 0805..	AHFMC-WD0805D-D32-M16-L43-Z02-H
DJT UCUNA UYGUNDUR. COMPATIBLE WITH DJT INSERT.			

-°	APMR-SWB..	Uç / Insert	Takım Kodu / Tool Code
		SWB225HM-HS	APMR-SWB225-D25-M12-L35
		SWB230HM-HS	APMR-SWB230-D30-M16-L43
		SWB232HM-HS	APMR-SWB232-D32-M16-L43
DJT UCUNA UYGUNDUR. COMPATIBLE WITH DJT INSERT.			


42°	AFM42C-XD0806	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
DJT UCUNA UYGUNDUR. COMPATIBLE WITH DJT INSERT.			

45°	AFM45-SE13	Uç / Insert	Takım Kodu / Tool Code
		SEMT 13T3..	AFM45-SE13-D050-A22-Z04-H AFM45-SE13-D063-A22-Z05-H AFM45-SE13-D080-A27-Z06-H AFM45-SE13-D050-A22-Z05-H AFM45-SE13-D063-A22-Z06-H AFM45-SE13-D080-A27-Z08-H AFM45-SE13-D100-A32-Z10-H AFM45-SE13-D125-B40-Z12
DJT UCUNA UYGUNDUR. COMPATIBLE WITH DJT INSERT.			


90°	AFM90S-SD1204	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
DJT UCUNA UYGUNDUR. COMPATIBLE WITH DJT INSERT.			

45°	AFM45C-XN0806	Uç / Insert	Takım Kodu / Tool Code
		XNMM 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.			

-°	AHFM-WN0907	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
DJT UCUNA UYGUNDUR. COMPATIBLE WITH DJT INSERT.			


-°	AHFM-JD1003	Uç / Insert	Takım Kodu / Tool Code
		JDMT 1003..	AHFM-JD1003-D16-M08-L30-Z02-H AHFM-JD1003-D20-M10-L30-Z03-H
HTCH UCUNA UYGUNDUR. COMPATIBLE WITH HTCH INSERT.			


-°	AHFM-JD1003	Uç / Insert	Takım Kodu / Tool Code
		JDMT 1003..	AHFM-JD1003-D040-A16-Z06-H AHFM-JD1003-D063-A22-Z08-H
DJT UCUNA UYGUNDUR. COMPATIBLE WITH DJT INSERT.			

-°	AHFM-SD1205	Uç / Insert	Takım Kodu / Tool Code
		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
HTCH UCUNA UYGUNDUR. COMPATIBLE WITH HTCH INSERT.			

-°	AHFM-SD1205	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
HTCH UCUNA UYGUNDUR. COMPATIBLE WITH HTCH INSERT.			


-°	AHFM-ED0702	Uç / Insert	Takım Kodu / Tool Code
		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.			


90°	AEM90-AD15	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
ISCR UCUNA UYGUNDUR. COMPATIBLE WITH ISCR INSERT.			


90°	AFM90-AD1505	Uç / Insert	Takım Kodu / Tool Code
		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.			


## Frezeleme Takımları / Milling Tools

90°	<b>AEM90-LN..</b>	<b>Uç / Insert</b>	<b>Takım Kodu / Tool Code</b>	90°	<b>AEM90-LN1106</b>	<b>Uç / Insert</b>	<b>Takım Kodu / Tool Code</b>
		LNMT 0804..	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			LNMT 1106..	AEM90-LN1106-D25-W25-L150-Z03 AEM90-LN1106-D32-W32-L150-Z04 AEM90-LN1106-D40-W32-L150-Z05
ISCR UCUNA UYGUNDUR. COMPATIBLE WITH ISCR INSERT.				ISCR UCUNA UYGUNDUR. COMPATIBLE WITH ISCR INSERT.			
90°	<b>AFM90-LN..</b>	<b>Uç / Insert</b>	<b>Takım Kodu / Tool Code</b>	89°	<b>AFM89-SN1305I</b>	<b>Uç / Insert</b>	<b>Takım Kodu / Tool Code</b>
		LNMT 1106..	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			SNMU 1305.. OXMT 0705..	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
ISCR UCUNA UYGUNDUR. COMPATIBLE WITH ISCR INSERT.				ISCR UCUNA UYGUNDUR. COMPATIBLE WITH ISCR INSERT.			
90°	<b>AEM90-AN12</b>	<b>Uç / Insert</b>	<b>Takım Kodu / Tool Code</b>	90°	<b>AFM90-AN12</b>	<b>Uç / Insert</b>	<b>Takım Kodu / Tool Code</b>
		ANKX 1205..	AFM90-AN12-D040-A16-Z04-H AFM90-AN12-D050-A22-Z05-H AFM90-AN12-D063-A27-Z06-H			ANKX 1205..	AFM90-AN12-D040-A16-Z04-H AFM90-AN12-D050-A22-Z05-H AFM90-AN12-D063-A27-Z06-H
ISCR UCUNA UYGUNDUR. COMPATIBLE WITH ISCR INSERT.				ISCR UCUNA UYGUNDUR. COMPATIBLE WITH ISCR INSERT.			
90°	<b>AEM90-ED..</b>	<b>Uç / Insert</b>	<b>Takım Kodu / Tool Code</b>	90°	<b>AFM90-SP1004</b>	<b>Uç / Insert</b>	<b>Takım Kodu / Tool Code</b>
		EDPT 10T3.. EDPT 1404..	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			SPMT 1004.. XPMT 1004.. QPMT 1004.. QPMT 1004.. QPMT 1004.. QPMT 1004.. QPMT 1004..	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
KNMTL UCUNA UYGUNDUR. COMPATIBLE WITH KNMTL INSERT.				ISCR UCUNA UYGUNDUR. COMPATIBLE WITH ISCR INSERT.			
90°	<b>AEM90-LN15T6</b>	<b>Uç / Insert</b>	<b>Takım Kodu / Tool Code</b>	90°	<b>AFM90-LN15T6</b>	<b>Uç / Insert</b>	<b>Takım Kodu / Tool Code</b>
		LNGU 15T6..	AEM90-LN15T6-D25-W25-L150-Z02-H AEM90-LN15T6-D32-W32-L150-Z03-H AEM90-LN15T6-D40-W32-L150-Z03-H			LNGU 15T6..	AFM90-LN15T6-D050-A22-Z05-H AFM90-LN15T6-D063-A22-Z06-H AFM90-LN15T6-D080-A27-Z07-H
KNMTL UCUNA UYGUNDUR. COMPATIBLE WITH KNMTL INSERT.				KNMTL UCUNA UYGUNDUR. COMPATIBLE WITH KNMTL INSERT.			
45°	<b>AFM45C-HN0905</b>	<b>Uç / Insert</b>	<b>Takım Kodu / Tool Code</b>	-°	<b>AHFM-SO0803</b>	<b>Uç / Insert</b>	<b>Takım Kodu / Tool Code</b>
		HN.. 0905..	AFM45C-HN0905-D063-A22-Z07 AFM45C-HN0905-D080-A27-Z09 AFM45C-HN0905-D100-A32-Z11 AFM45C-HN0905-D125-B40-Z13 AFM45CL-HN0905-D125-B40-Z10 AFM45C-HN0905-D160-C40-Z15			SOMW 0803..	AHFM-SO0803-D20-W20-L150-Z02 AHFM-SO0803-D25-W25-L150-Z03 AHFM-SO0803-D32-W32-L150-Z04 AHFM-SO0803-D35-W32-L160-Z04
KNMTL UCUNA UYGUNDUR. COMPATIBLE WITH KNMTL INSERT.				KPTK UCUNA UYGUNDUR. COMPATIBLE WITH KPTK INSERT.			
-°	<b>AHFM-XD0904</b>	<b>Uç / Insert</b>	<b>Takım Kodu / Tool Code</b>				
		XD.. 0904..	AHFM-XD0904-D050-A22-Z05-H AHFM-XD0904-D063-A22-Z06-H				
KNMTL UCUNA UYGUNDUR. COMPATIBLE WITH KNMTL INSERT.							


-°	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
KRLY UCUNA UYGUNDUR. COMPATIBLE WITH KRLY 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
KRLY UCUNA UYGUNDUR. COMPATIBLE WITH KRLY INSERT.			

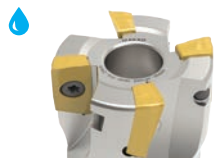
90°	AEM90-LN1006	Uç / Insert	Takım Kodu / Tool Code
		LN.X 1006..	AEM90-LN1006-D16-W16-L120-Z01-H AEM90-LN1006-D16-W16-L150-Z01 AEM90-LN1006-D18-W16-L120-Z02-H AEM90-LN1006-D20-W20-L120-Z02-H AEM90-LN1006-D20-W20-L150-Z02 AEM90-LN1006-D25-W25-L120-Z03-H AEM90-LN1006-D25-W25-L150-Z03 AEM90-LN1006-D32-W32-L120-Z04-H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


-°	AEM90-AP..	Uç / Insert	Takım Kodu / Tool Code
		APMT 0602..	AEM90-AP06-D10-C10-L120-Z02 AEM90-AP06-D12-C12-L120-Z02 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
KRLY UCUNA UYGUNDUR. COMPATIBLE WITH KRLY 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
KRLY UCUNA UYGUNDUR. COMPATIBLE WITH KRLY 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
KRLY UCUNA UYGUNDUR. COMPATIBLE WITH KRLY 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
KRLY UCUNA UYGUNDUR. COMPATIBLE WITH KRLY INSERT.			


## Frezeleme Takımları / Milling Tools


45°	AFM45-SE14M4	Uç / Insert	Takım Kodu / Tool Code
	SE.. 14M4..		AFM45-SE14M4-D063-A22-Z04-H AFM45-SE14M4-D080-A27-Z05-H AFM45-SE14M4-D100-A32-Z05-H AFM45-SE14M4-D125-B40-Z06 AFM45-SE14M4-D160-C40-Z07
KRLY UCUNA UYGUNDUR. COMPATIBLE WITH KRLY INSERT.			

90°	AFM90-XE19	Uç / Insert	Takım Kodu / Tool Code
	XE.. 19M5..		AFM90-XE19-D040-A16-Z03-H AFM90-XE19-D050-A22-Z04-H AFM90-XE19-D063-A22-Z05-H
KRLY UCUNA UYGUNDUR. COMPATIBLE WITH KRLY INSERT.			


90°	AEM90-BD11T3	Uç / Insert	Takım Kodu / Tool Code
	BDMT 11T3..		AEM90-BD11T3-D16-M08-L25-Z02-H AEM90-BD11T3-D25-M12-L35-Z04-H AEM90-BD11T3-D32-M16-L40-Z05-H
KYCR UCUNA UYGUNDUR. COMPATIBLE WITH KYCR INSERT.			


90°	AFM90-BD..	Uç / Insert	Takım Kodu / Tool Code
	BDMT 11T3..		AFM90-BD0703-D032-A16-Z08-H AFM90-BD11T3-D040-A16-Z04-H AFM90-BD11T3-D040-A16-Z05-H AFM90-BD11T3-D050-A22-Z05-H AFM90-BD11T3-D063-A22-Z06-H
	BDMT 1704..		AFM90-BD1704-D050-A22-Z04-H AFM90-BD1704-D050-A22-Z05-H AFM90-BD1704-D063-A22-Z06-H AFM90-BD11T3-D080-A27-Z09-H AFM90-BD1704-D080-A27-Z06-H AFM90-BD1704-D080-A27-Z07-H AFM90-BD1704-D100-A32-Z07-H
KYCR UCUNA UYGUNDUR. COMPATIBLE WITH KYCR INSERT.			

90°	AEM90-LO..	Uç / Insert	Takım Kodu / Tool Code
	LOMU 1004..		AEM90-LO10-D16-W16-L100-Z02 AEM90-LO10-D16-W16-L160-Z02 AEM90-LO10-D20-W20-L130-Z03 AEM90-LO10-D25-W25-L150-Z03 AEM90-LO10-D32-W32-L150-Z04
KYCR UCUNA UYGUNDUR. COMPATIBLE WITH KYCR INSERT.			

90°	AEM90-LO..	Uç / Insert	Takım Kodu / Tool Code
	RPMT 10T3..		AEMR-RP10T3K-D20-C20-L160-Z02 AEMR-RP10T3K-D25-C25-L160-Z03
KYCR UCUNA UYGUNDUR. COMPATIBLE WITH KYCR INSERT.			

-°	AEMR-RP10T3K	Uç / Insert	Takım Kodu / Tool Code
	RPMT 10T3..		AEMR-RP10T3K-D32-M16-L43-Z04-H AEMR-RP10T3K-D42-M16-L43-Z05-H
KYCR UCUNA UYGUNDUR. COMPATIBLE WITH KYCR INSERT.			


90°	AFM90-SD..	Uç / Insert	Takım Kodu / Tool Code
	SD.. 09M4..		AFM90-SD09M4-D040-A16-Z04-H AFM90-SD09M4-D050-A22-Z05-H AFM90-SD09M4-D063-A22-Z06-H AFM90-SD09M4-D063-A27-Z06-H AFM90-SD09M4-D080-A27-Z07-H
	SD.. 1305..		AFM90-SD1305-D050-A22-Z04-H AFM90-SD1305-D063-A22-Z05-H AFM90-SD1305-D080-A27-Z06-H AFM90-SD1305-D100-A32-Z07-H AFM90-SD1305-D125-B40-Z08 AFM90-SD1305-D160-C40-Z10
KRLY UCUNA UYGUNDUR. COMPATIBLE WITH KRLY INSERT.			

90°	AFM90-SD..	Uç / Insert	Takım Kodu / Tool Code
	BDMT 11T3..		AEM90-BD11T3-D16-C16-L100-Z02-H AEM90-BD11T3-D16-W16-L100-Z02-H AEM90-BD11T3-D16-W16-L150-Z02 AEM90-BD11T3-D16-C16-L160-Z02-H AEM90-BD11T3-D16-C15-L180-Z02 AEM90-BD11T3-D17-W16-L150-Z02 AEM90-BD11T3-D17-C16-L180-Z02 AEM90-BD11T3-D18-W16-L100-Z02 AEM90-BD11T3-D18-W16-L100-Z02-H AEM90-BD11T3-D20-W16-L61-Z03 AEM90-BD11T3-D20-W20-L81-Z03-H AEM90-BD11T3-D20-W20-L100-Z02-H AEM90-BD11T3-D20-W20-L100-Z03-H AEM90-BD11T3-D20-C20-L110-Z03-H AEM90-BD11T3-D20-W20-L150-Z02 AEM90-BD11T3-D20-W20-L150-Z03 AEM90-BD11T3-D20-W20-L150-Z03-H AEM90-BD11T3-D20-C20-L170-Z03-H AEM90-BD11T3-D21-W20-L150-Z03 AEM90-BD11T3-D21-C20-L200-Z02 AEM90-BD11T3-D22-W20-L090-Z02-H AEM90-BD11T3-D22-W20-L100-Z03-H AEM90-BD11T3-D25-W25-L100-Z03-H AEM90-BD11T3-D25-C20-L120-Z03-H AEM90-BD11T3-D25-C25-L120-Z03-H AEM90-BD11T3-D25-W25-L150-Z03 AEM90-BD11T3-D26-W25-L150-Z03 AEM90-BD11T3-D26-C25-L250-Z02 AEM90-BD11T3-D32-W32-L110-Z04-H AEM90-BD11T3-D32-C32-L130-Z04-H AEM90-BD11T3-D32-W32-L150-Z04 AEM90-BD11T3-D40-W32-L110-Z04-H AEM90-BD1704-D25-W25-L100-Z02-H AEM90-BD1704-D25-C25-L210-Z02-H AEM90-BD1704-D32-W32-L110-Z03-H AEM90-BD1704-D32-C32-L130-Z03-H AEM90-BD1704-D32-W32-L130-Z03-H AEM90-BD1704-D32-W32-L150-Z03 AEM90-BD1704-D40-W32-L110-Z04-H AEM90-BD1704-D40-W32-L150-Z04
KYCR UCUNA UYGUNDUR. COMPATIBLE WITH KYCR INSERT.			


-°	AHFM-L003	Uç / Insert	Takım Kodu / Tool Code
	LOGU 0303..		AHFM-L003-D16-C15-L160-Z02 AHFM-L003-D16-C16-L100-Z02-F AHFM-L003-D16-C16-L100-Z02 AHFM-L003-D16-C16-L130-Z02-H AHFM-L003-D16-C16-L160-Z02 AHFM-L003-D16-C16-L160-Z02-H AHFM-L003-D16-C16-L220-Z02-H AHFM-L003-D17-C16-L180-Z02 AHFM-L003-D20-C20-L130-Z03 AHFM-L003-D20-C20-L130-Z03-H AHFM-L003-D20-C20-L160-Z03 AHFM-L003-D20-C20-L160-Z03-H AHFM-L003-D21-C20-L150-Z03-H AHFM-L003-D21-C20-L200-Z03 AHFM-L003-D21-C20-L200-Z03-H AHFM-L003-D25-C25-L140-Z04-F AHFM-L003-D25-C25-L140-Z04 AHFM-L003-D25-C25-L180-Z04 AHFM-L003-D26-C25-L250-Z04 AHFM-L003-D32-C32-L200-Z05 AHFM-L003-D33-C32-L250-Z05
KYCR UCUNA UYGUNDUR. COMPATIBLE WITH KYCR INSERT.			




-°	AHFM-L003	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
KYCR UCUNA UYGUNDUR. COMPATIBLE WITH KYCR INSERT.			


-°	AHFM-L003	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
KYCR UCUNA UYGUNDUR. COMPATIBLE WITH KYCR INSERT.			


-°	AHFM-LP0102	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
KYCR UCUNA UYGUNDUR. COMPATIBLE WITH KYCR INSERT.			

-°	AHFM-S01004	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
KYCR UCUNA UYGUNDUR. COMPATIBLE WITH KYCR INSERT.			


-°	AHFM-S01004	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
KYCR UCUNA UYGUNDUR. COMPATIBLE WITH KYCR INSERT.			

66°	AFM66-PN0905	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
KYCR UCUNA UYGUNDUR. COMPATIBLE WITH KYCR INSERT.			

88°	AFM88-SN1305	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
KYCR UCUNA UYGUNDUR. COMPATIBLE WITH KYCR INSERT.			

90°	AFM90-L0	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
KYCR UCUNA UYGUNDUR. COMPATIBLE WITH KYCR INSERT.			

90°	AFM90-WN0806	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
KYCR UCUNA UYGUNDUR. COMPATIBLE WITH KYCR INSERT.			


88°	AFM88C-SN1204	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
KYCR UCUNA UYGUNDUR. COMPATIBLE WITH KYCR INSERT.			


90°	AFM90-WN0806	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
LMN UCUNA UYGUNDUR. COMPATIBLE WITH LMN INSERT.			

90°	AFM90-WN0806	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
LMN UCUNA UYGUNDUR. COMPATIBLE WITH LMN INSERT.			


## Frezeleme Takımları / Milling Tools


90°	<b>AEM90-AP16L</b>	Uç / Insert	Takım Kodu / Tool Code	90°	<b>AFM90-AP16L</b>	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°	<b>AFM43C-OD0605</b>	Uç / Insert	Takım Kodu / Tool Code	45°	<b>AFM45C-SN..</b>	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°	<b>AEM90-A01236</b>	Uç / Insert	Takım Kodu / Tool Code	90°	<b>AEM90-A01236</b>	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°	<b>AFM90-A0..</b>	Uç / Insert	Takım Kodu / Tool Code	90°	<b>AEM90-LO..</b>	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-L009-D16-C16-L160-Z02-H AEM90-L009-D18-C16-L160-Z02-H AEM90-L009-D20-C20-L160-Z03-H AEM90-L009-D20-W20-L100-Z03-H AEM90-L009-D22-C20-L160-Z03-H AEM90-L009-D25-C25-L160-Z04-H AEM90-L009-D25-W25-L091-Z03-H AEM90-L009-D32-C32-L160-Z05-H	
MTSBH UCUNA UYGUNDUR. COMPATIBLE WITH MTSBH INSERT.				MTSBH UCUNA UYGUNDUR. COMPATIBLE WITH MTSBH INSERT.			
90°	<b>AEM90-LO1207</b>	Uç / Insert	Takım Kodu / Tool Code	90°	<b>AFM90-LO 0904 / 1207</b>	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-L00904-D040-A16-Z06-H AFM90-L00904-D050-A22-Z05-H AFM90-L00904-D050-A22-Z07-H AFM90-L00904-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.			
-°	<b>ADM90-Q0..</b>	Uç / Insert	Takım Kodu / Tool Code	-°	<b>AEMR-RP..</b>	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.			


-°	AEMR-RP..	Uç / Insert	Takım Kodu / Tool Code
		RPMT 08T2..	AEMR-RP08T2M-D20-M10-L30-Z02-H
		RPMT 10T3..	AEMR-RP10T3M-D25-M12-L35-Z02-H AEMR-RP10T3M-D32-M16-L43-Z03-H
		RPMT 1204	AEMR-RP1204M-D32-M16-L43-Z03-H AEMR-RP1204M-D40-M16-L43-Z04-H
MTSBH UCUNA UYGUNDUR. COMPATIBLE WITH MTSBH INSERT.			


-°	AFMR-RP1204M	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
MTSBH UCUNA UYGUNDUR. COMPATIBLE WITH MTSBH INSERT.			


-°	AHFCM-JD1204	Uç / Insert	Takım Kodu / Tool Code
		JDMW 1204..	AHFCM-JD1204-D32-C32-L150-Z02
			AHFCM-JD1204-D32-C32-L200-Z02
			AHFCM-JD1204-D35-C32-L200-Z02
			AHFCM-JD1204-D35-C32-L250-Z02
MTSBH UCUNA UYGUNDUR. COMPATIBLE WITH MTSBH INSERT.			

-°	AHFCM-JD1204	Uç / Insert	Takım Kodu / Tool Code
		JDMW 1204..	AHFCM-JD1204-D32-M16-L43-Z02-H
			AHFCM-JD1204-D42-M16-L43-Z03-H
MTSBH UCUNA UYGUNDUR. COMPATIBLE WITH MTSBH INSERT.			


-°	AHFCM-JD..	Uç / Insert	Takım Kodu / Tool Code
		JDMW 1204..	AHFCM-JD1204-D052-A22-Z03-H
			AHFCM-JD1204-D052-A22-Z04-H
			AHFCM-JD1204-D063-A22-Z05-H
			AHFCM-JD1204-D080-A27-Z06-H
		JDMW 1405..	AHFCM-JD1204-D100-A32-Z07-H
			AHFCM-JD1405-D052-A22-Z03-H AHFCM-JD1405-D063-A22-Z04-H
MTSBH UCUNA UYGUNDUR. COMPATIBLE WITH MTSBH INSERT.			


-°	AHFM-SP0735	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
MTSBH UCUNA UYGUNDUR. COMPATIBLE WITH MTSBH INSERT.			


-°	AHFM-SP0735	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
MTSBH UCUNA UYGUNDUR. COMPATIBLE WITH MTSBH INSERT.			


-°	AHFM-SP0945	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
MTSBH UCUNA UYGUNDUR. COMPATIBLE WITH MTSBH INSERT.			


-°	AHFM-SP0945	Uç / Insert	Takım Kodu / Tool Code
		SPMX 0945..	AHFM-SP0945-D050-A22-Z06-H
			AHFM-SP0945-D052-A22-Z06-H
MTSBH UCUNA UYGUNDUR. COMPATIBLE WITH MTSBH INSERT.			

40°	AFM40-NN..	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
MTSBH UCUNA UYGUNDUR. COMPATIBLE WITH MTSBH INSERT.			

45°	AFM45-SE13M	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
MTSBH UCUNA UYGUNDUR. COMPATIBLE WITH MTSBH INSERT.			


45°	AFM45-NN2007	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
MTSBH UCUNA UYGUNDUR. COMPATIBLE WITH MTSBH INSERT.			


45°	AFM45S-SE13M	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
MTSBH UCUNA UYGUNDUR. COMPATIBLE WITH MTSBH INSERT.			


90°	AFM90-6N09	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
			AFM90-6N14-D050-A22-Z04-H
			AFM90-6N14-D063-A22-Z05-H
		6NMU 1409..	AFM90-6N14-D080-A27-Z07-H
			AFM90-6N14-D100-A32-Z07-H
			AFM90-6N14-D125-B40-Z08
MTSBH UCUNA UYGUNDUR. COMPATIBLE WITH MTSBH INSERT.			


## Frezeleme Takımları / Milling Tools


<p>-°</p> <p><b>AHFM-J009</b></p>  <p>MTSBH UCUNA UYGUNDUR. COMPATIBLE WITH MTSBH INSERT.</p>	<p>Uç / Insert</p> <p>JOMU 0905..</p>	<p>Takım Kodu / Tool Code</p> <p>AHFM-J009-D050-A22-Z04-H AHFM-J009-D063-A22-Z05-H</p>	<p>88°</p> <p><b>AFM88C-SN1204</b></p>  <p>NTK UCUNA UYGUNDUR. COMPATIBLE WITH NTK INSERT.</p>	<p>Uç / Insert</p> <p>SN.. 1204..</p>	<p>Takım Kodu / Tool Code</p> <p>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</p>
<p>90°</p> <p><b>AEM90-AP16P</b></p>  <p>PLBT UCUNA UYGUNDUR. COMPATIBLE WITH PLBT INSERT.</p>	<p>Uç / Insert</p> <p>AP.. 1604..</p>	<p>Takım Kodu / Tool Code</p> <p>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</p>	<p>90°</p> <p><b>AFM90-AP16P</b></p>  <p>PLBT UCUNA UYGUNDUR. COMPATIBLE WITH PLBT INSERT.</p>	<p>Uç / Insert</p> <p>AP.. 1604..</p>	<p>Takım Kodu / Tool Code</p> <p>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</p>
<p>-°</p> <p><b>AHFM-XN06T3</b></p>  <p>PLBT UCUNA UYGUNDUR. COMPATIBLE WITH PLBT INSERT.</p>	<p>Uç / Insert</p> <p>XN.. 06T3..</p>	<p>Takım Kodu / Tool Code</p> <p>AHFM-XN06T3-D20-W20-L110-Z03-H AHFM-XN06T3-D20-W20-L80-Z03-H</p>	<p>45°</p> <p><b>AFM45C-SN1206</b></p>  <p>PLBT UCUNA UYGUNDUR. COMPATIBLE WITH PLBT INSERT.</p>	<p>Uç / Insert</p> <p>SN.. 1206..</p>	<p>Takım Kodu / Tool Code</p> <p>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</p>
<p>44°</p> <p><b>AFM44-ON0606</b></p>  <p>PLBT UCUNA UYGUNDUR. COMPATIBLE WITH PLBT INSERT.</p>	<p>Uç / Insert</p> <p>ONHX 0606..</p>	<p>Takım Kodu / Tool Code</p> <p>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</p>	<p>-°</p> <p><b>AHFM-SP13</b></p>  <p>PLBT UCUNA UYGUNDUR. COMPATIBLE WITH PLBT INSERT.</p>	<p>Uç / Insert</p> <p>SP.. 1305..</p>	<p>Takım Kodu / Tool Code</p> <p>AHFM-SP13-D050-A22-Z04-H AHFM-SP13-D063-A27-Z05-H</p>
<p>-°</p> <p><b>AHFM-S00803P</b></p>  <p>PLBT UCUNA UYGUNDUR. COMPATIBLE WITH PLBT INSERT.</p>	<p>Uç / Insert</p> <p>SOEW 0803</p>	<p>Takım Kodu / Tool Code</p> <p>AHFM-S00803P-D32-M16-L35-Z04-H AHFM-S00803P-D42-M16-L35-Z05-H</p>	<p>-°</p> <p><b>AEM90-AD..</b></p>  <p>PRMT UCUNA UYGUNDUR. COMPATIBLE WITH PRMT INSERT.</p>	<p>Uç / Insert</p> <p>AD.. 0602.. AD.. 1003.. AD.. 1304..</p>	<p>Takım Kodu / Tool Code</p> <p>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</p>
<p>-°</p> <p><b>AEM90-AD..</b></p>  <p>PRMT UCUNA UYGUNDUR. COMPATIBLE WITH PRMT INSERT.</p>	<p>Uç / Insert</p> <p>AD.. 0602.. AD.. 1003.. AD.. 1304..</p>	<p>Takım Kodu / Tool Code</p> <p>AEM90-AD06-D10-C10-L100-Z02-H AEM90-AD06-D12-C12-L120-Z02-H AEM90-AD06-D16-C16-L160-Z03-H AEM90-AD10PR-D16-C15-L170-Z02-H AEM90-AD10PR-D16-C16-L170-Z02-H AEM90-AD10PR-D20-C19-L170-Z03-H AEM90-AD10PR-D20-C20-L170-Z03-H AEM90-AD10PR-D25-C25-L200-Z03-H AEM90-AD13-D20-C20-L150-Z02-H AEM90-AD13-D25-C25-L170-Z02-H</p>			


-°	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
			AFM90-AD17-D040-A16-Z04-H
	AD.. 1706..		AFM90-AD17-D050-A22-Z05-H
			AFM90-AD17-D063-A22-Z05-H
			AFM90-AD17-D080-A27-Z06-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	
			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			
	RT 1003..		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			
			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
			AFM90-RT16-D040-A16-Z04-H
	RT 1606..		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-H-80			
			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-H-80			
			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
		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
		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
		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
		PRMT UCUNA UYGUNDUR. COMPATIBLE WITH PRMT INSERT.	


90°	AEM90-XC13	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
		SC UCUNA UYGUNDUR. COMPATIBLE WITH SC INSERT.	

90°	AFM90-X012	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
		SC UCUNA UYGUNDUR. COMPATIBLE WITH SC INSERT.	

75°	AFM75-X012	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
		SC UCUNA UYGUNDUR. COMPATIBLE WITH SC INSERT.	


-°	AHFM-BN10T3	Uç / Insert	Takım Kodu / Tool Code
		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-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.	


-°	AHFM-BN10T3	Uç / Insert	Takım Kodu / Tool Code
		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.	


-°	AHFM-SN1104	Uç / Insert	Takım Kodu / Tool Code
		SN.. 1104..	AHFM-SN1104-D042-A16-Z04-H AHFM-SN1104-D050-A22-Z05-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
		PRMT UCUNA UYGUNDUR. COMPATIBLE WITH PRMT INSERT.	


90°	AEM90-X0..	Uç / Insert	Takım Kodu / Tool Code
		X0.. 0602..	AEM90-X006-D10-C10-L100-Z02-H AEM90-X006-D10-C12-L120-Z02
		X0.. 0903..	AEM90-X009-D12-C12-L120-Z02 AEM90-X009-D12-C12-L120-Z02-H 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.			


90°	AEM90-XN..	Uç / Insert	Takım Kodu / Tool Code
		XNEX 0403..	AEM90-XN0403-D16-C16-L100-Z01-H AEM90-XN0403-D22-C20-L110-Z03-H
		XNEX 0806..	AEM90-XN0806-D32-C32-L110-Z02-H
SC UCUNA UYGUNDUR. COMPATIBLE WITH SC INSERT.			


90°	AEM90-XN043	Uç / Insert	Takım Kodu / Tool Code
		XNEX 0403..	AEM90-XN0403-D32-M16-L43-Z05-H AEM90-XN0403-D42-M16-L43-Z06-H
SC UCUNA UYGUNDUR. COMPATIBLE WITH SC INSERT.			


90°	AFM90-XN..	Uç / Insert	Takım Kodu / Tool Code
		XNEX 0403.. XNEX 0806..	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
SC UCUNA UYGUNDUR. COMPATIBLE WITH SC INSERT.			

88°	AFM88-SN12SC	Uç / Insert	Takım Kodu / Tool Code
		SN.. 1204..	AFM88-SN12SC-D050-A22-Z05-H AFM88-SN12SC-D063-A22-Z06-H AFM88-SN12SC-D080-A27-Z07-H AFM88-SN12SC-D100-A32-Z08-H
SC UCUNA UYGUNDUR. COMPATIBLE WITH SC INSERT.			

90°	AFM90-L008	Uç / Insert	Takım Kodu / Tool Code
		LOEX 0804..	AFM90-L008-D040-A16-Z06-H AFM90-L008-D050-A22-Z07-H AFM90-L008-D063-A27-Z06-H
SC UCUNA UYGUNDUR. COMPATIBLE WITH SC 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-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	
SFTY UCUNA UYGUNDUR. COMPATIBLE WITH SFTY INSERT.				

90°	AFM90-RT..	Uç / Insert	Takım Kodu / Tool Code
		RT 1003.. RT 1606..	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
SFTY UCUNA UYGUNDUR. COMPATIBLE WITH SFTY INSERT.			


90°	AEM90-AP10S	Uç / Insert	Takım Kodu / Tool Code
		AP.. 1003..	AEM90-AP10S-D16-W16-L150-Z02 AEM90-AP10S-D20-W20-L150-Z02 AEM90-AP10S-D25-W25-L150-Z03
SMTM UCUNA UYGUNDUR. COMPATIBLE WITH SMTM INSERT.			

90°	AEM90-AX..	Uç / Insert	Takım Kodu / Tool Code
		AX.T 1235..	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
		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
SMTM UCUNA UYGUNDUR. COMPATIBLE WITH SMTM INSERT.			


## Frezeleme Takımları / Milling Tools

90°	AEM90-AX..	Uç / Insert	Takım Kodu / Tool Code
		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


SMTM UCUNA UYGUNDUR.  
COMPATIBLE WITH SMTM INSERT.

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


SMTM UCUNA UYGUNDUR.  
COMPATIBLE WITH SMTM INSERT.

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

SMTM UCUNA UYGUNDUR.  
COMPATIBLE WITH SMTM INSERT.

-°	AHFMC-WD..	Uç / Insert	Takım Kodu / Tool Code
		WDMT 0603..	AHFM-WD0603-D16-C16-L150-Z02 AHFM-WD0603-D20-C20-L150-Z03
		WDMT 0804..	AHFMC-WD0804-D25-C25-L150-Z02 AHFMC-WD0804-D32-C32-L150-Z03
		WDMT 1205	AHFMC-WD1205-D32-C32-L150-Z02


SMTM UCUNA UYGUNDUR.  
COMPATIBLE WITH SMTM INSERT.

-°	AHFMC-WD..	Uç / Insert	Takım Kodu / Tool Code
		WDMT 0804..	AHFMC-WD0804-D040-A16-Z04-H AHFMC-WD0804-D050-A22-Z04-H AHFMC-WD1205-D050-A22-Z04-H
		WDMT 1205..	AHFMC-WD1205-D052-A22-Z04-H AHFMC-WD1205-D063-A22-Z05-H AHFMC-WD1205-D080-A27-Z06-H


SMTM UCUNA UYGUNDUR.  
COMPATIBLE WITH SMTM INSERT.

90°	AEM90-R390	Uç / Insert	Takım Kodu / Tool Code
		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
		R390-1704..	AEM90-R390.17-D25-W25-L150-Z03 AEM90-R390.17-D25-W25-L150-Z03-H AEM90-R390.17-D30-W25-L150-Z04-H AEM90-R390.17-D32-C25-L200-Z03 AEM90-R390.17-D32-W32-L150-Z05-H AEM90-R390.17-D25-W25-L150-Z02 AEM90-R390.17-D25-W25-L150-Z02-H AEM90-R390.17-D30-W25-L150-Z03 AEM90-R390.17-D30-W25-L150-Z03-H AEM90-R390.17-D32-W32-L150-Z03-H


SNDVK UCUNA UYGUNDUR.  
COMPATIBLE WITH SNDVK INSERT.

90°	AEM90-AX..	Uç / Insert	Takım Kodu / Tool Code
		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


SMTM UCUNA UYGUNDUR.  
COMPATIBLE WITH SMTM INSERT.

90°	AFM90-AX1705	Uç / Insert	Takım Kodu / Tool Code
		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


SMTM UCUNA UYGUNDUR.  
COMPATIBLE WITH SMTM INSERT.

-°	AEMR-QP..	Uç / Insert	Takım Kodu / Tool Code
		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


SMTM UCUNA UYGUNDUR.  
COMPATIBLE WITH SMTM INSERT.

-°	AFMR-QP..	Uç / Insert	Takım Kodu / Tool Code
		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

SMTM UCUNA UYGUNDUR.  
COMPATIBLE WITH SMTM INSERT.

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


SMTM UCUNA UYGUNDUR.  
COMPATIBLE WITH SMTM INSERT.


45°	AFM45-SE13	Uç / Insert	Takım Kodu / Tool Code
		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

SMTM UCUNA UYGUNDUR.  
COMPATIBLE WITH SMTM INSERT.


Uç / Insert	Takım Kodu / Tool Code
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 AFM45L-SE12-D100-A32-Z07-H AFM45-SE12-D125-B40-Z08 AFM45L-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	Uç / Insert	Takım Kodu / Tool Code
		4NKT 0603..	AFM90-4N06-D040-A16-Z05-H AFM90-4N06-D050-A22-Z06-H
TGTC UCUNA UYGUNDUR. COMPATIBLE WITH TGTC INSERT.			

90°	AEM90-3P..	Uç / Insert	Takım Kodu / Tool Code
		3PT 060308	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
		3PT 100408	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
		3PT 150508	AEM90-3P1505-D32-W32-L150-Z03 AEM90-3P1505-D38-W32-L150-Z03 AEM90-3P1505-D40-W32-L150-Z04
TGTC UCUNA UYGUNDUR. COMPATIBLE WITH TGTC INSERT.			


90°	AEM90-3P1004	Uç / Insert	Takım Kodu / Tool Code
		3PT 1004..	AEM90-3P1004-D20-M10-L35-Z02 AEM90-3P1004-D32-M16-L43-Z05-H
TGTC UCUNA UYGUNDUR. COMPATIBLE WITH TGTC INSERT.			

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


-°	AFMR-RY..	Uç / Insert	Takım Kodu / Tool Code
		RYMX 1004..	AFMR-RY10-D040-A16-Z04-H AFMR-RY10-D040-A16-Z05-H AFMR-RY10-D050-A22-Z05-H AFMR-RY10-D063-A22-Z06-H
		RYMX 1205..	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
TGTC UCUNA UYGUNDUR. COMPATIBLE WITH TGTC INSERT.			


-°	AEMR-RY..	Uç / Insert	Takım Kodu / Tool Code
		RYMX 1004..	AEMR-RY10-D25-M12-L43-Z03-H AEMR-RY10-D32-M16-L43-Z04-H AEMR-RY10-D40-M16-L43-Z05-H
		RYMX 1205..	AEMR-RY12-D32-M16-L43-Z03-H AEMR-RY12-D40-M16-L43-Z03-H
TGTC UCUNA UYGUNDUR. COMPATIBLE WITH TGTC INSERT.			


90°	AEM90-AP.	Uç / Insert	Takım Kodu / Tool Code
		APKT 09T3..	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
		AP.. 1204..	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
		AP.. 1705..	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
TGTC UCUNA UYGUNDUR. COMPATIBLE WITH TGTC INSERT.			


90°	AFM90-3P..	Uç / Insert	Takım Kodu / Tool Code
		3PKT 1004..	AFM90-3P1004-D040-A16-Z05-H AFM90-3P1004-D050-A22-Z06-H AFM90-3P1505-D050-A22-Z04-H AFM90-3P1505-D050-A22-Z05-H 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
		3PKT 1505..	
		3PKT 1906..	AFM90-3P1906-D080-A27-Z07-H AFM90-3P1906-D100-A32-Z08-H AFM90-3P1906-D125-B40-Z10
TGTC UCUNA UYGUNDUR. COMPATIBLE WITH TGTC INSERT.			


-°	AHFM-BL..	Uç / Insert	Takım Kodu / Tool Code
		BLMP 0603..	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
		BLMP 0904..	AHFM-BL0904-D28-W25-L180-Z03
TGTC UCUNA UYGUNDUR. COMPATIBLE WITH TGTC INSERT.			


-°	AHFM-BL..	Uç / Insert	Takım Kodu / Tool Code
		BLMP 0603	AHFM-BL0603-D17-M08-L35-Z02-H AHFM-BL0603-D20-M10-L30-Z03-H AHFM-BL0603-D21-M10-L35-Z03-H
		BLMP 0904	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	Takım Kodu / Tool Code
		BLMP 0603..	AHFM-BL0603-D040-A16-Z06-H AHFM-BL0603-D050-A22-Z07-H
		BLMP 0904..	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.			


90°	AHM90-AP1204	Uç / Insert	Takım Kodu / Tool Code
		AP.. 1204..	AHM90-AP1204-D32-W32-L140-Z0212-H AHM90-AP1204-D40-W32-L160-Z0321-H
		TGTC UCUNA UYGUNDUR. COMPATIBLE WITH TGTC INSERT.	


90°	AFM90-AP1705	Uç / Insert	Takım Kodu / Tool Code
		AP.. 1705..	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	Takım Kodu / Tool Code
		BLMP 1205..	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.	


45°	AFM45-SN1306	Uç / Insert	Takım Kodu / Tool Code
		SNGX 1306..	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.	


88°	AFM88-SN1306	Uç / Insert	Takım Kodu / Tool Code
		SNGX 1306..	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.	


45°	AFM45-XN0906	Uç / Insert	Takım Kodu / Tool Code
		XNMM 0906..	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.	


90°	AFM90-TN2207	Uç / Insert	Takım Kodu / Tool Code
		TN.X 2207..	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.	

90°	AFM90-TP2205	Uç / Insert	Takım Kodu / Tool Code
		TPKT 2205..	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.	


90°	ATSM90-SP..	Uç / Insert	Takım Kodu / Tool Code
		SPMG 050204	ATSM90-SP.05-D22.5X5-W25-L100-Z04 ATSM90-SP.05-D25X5-W25-L100-Z04 ATSM90-SP.05-D30X5-W25-L100-Z04
		SPMG 060204	ATSM90-SP.06-D80X7-W32-L120-Z10
TGTC UCUNA UYGUNDUR. COMPATIBLE WITH TGTC INSERT.			


-°	AHFM-LN0303	Uç / Insert	Takım Kodu / Tool Code
		LNMM 0303..	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	Takım Kodu / Tool Code
		LNMM 0303..	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	Takım Kodu / Tool Code
		LNMM 0303..	AHFM-LN0303-D040-A16-Z06-H AHFM-LN0303-D050-A22-Z07-H AHFM-LN0303-D063-A22-Z09-H
		TNGLY UCUNA UYGUNDUR. COMPATIBLE WITH TNGLY INSERT.	


## Frezeleme Takımları / Milling Tools


90°	AFM90-TN1207	Uç / Insert	Takım Kodu / Tool Code
	TN1207..	AFM90-TN1207-D050-A22-Z04-H AFM90-TN1207-D063-A22-Z05-H AFM90-TN1207-D080-A27-Z06-H AFM90-TN1207-D100-A32-Z07-H AFM90-TN1207-D125-B40-Z08	
TNGLY UCUNA UYGUNDUR. COMPATIBLE WITH TNGLY INSERT.			


88°	AFM88C-SN1204	Uç / Insert	Takım Kodu / Tool Code
	SN.. 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	
UNIN UCUNA UYGUNDUR. COMPATIBLE WITH UNIN INSERT.			


-°	ATM-3BEI	Uç / Insert	Takım Kodu / Tool Code
	3BEI.. 3E../3I..	ATM-3BEI-D21-W25-L100-Z01-H ATM-3EI-D14-W20-L90-Z01-H ATM-3EI-D20-W25-L120-Z01-H	
VRGS UCUNA UYGUNDUR. COMPATIBLE WITH VRGS INSERT.			


-°	AHFM-XD0904WD	Uç / Insert	Takım Kodu / Tool Code
	XD.. 0904..	AHFM-XD0904WD-D26-M12-L35-Z03-H AHFM-XD0904WD-D33-M16-L43-Z04-H	
WDA UCUNA UYGUNDUR. COMPATIBLE WITH WDA INSERT.			


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


45°	AFM45C-HN0905	Uç / Insert	Takım Kodu / Tool Code
	HN.. 0905..	AFM45C-HN0905-D063-A22-Z07 AFM45C-HN0905-D080-A27-Z09 AFM45C-HN0905-D100-A32-Z11 AFM45C-HN0905-D125-B40-Z13 AFM45CL-HN0905-D125-B40-Z10 AFM45C-HN0905-D160-C40-Z15	
WDA UCUNA UYGUNDUR. COMPATIBLE WITH WDA INSERT.			

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


90°	AFM90-AD10T3	Uç / Insert	Takım Kodu / Tool Code
	ADMT 10T3..	AFM90-AD10T3-D040-A16-Z06-H AFM90-AD10T3-D050-A22-Z07-H	
WLTR UCUNA UYGUNDUR. COMPATIBLE WITH WLTR INSERT.			


-°	APMR-PR..	Uç / Insert	Takım Kodu / Tool Code
	P3216 P3220 P3225 P3232	APMR-P3216-D16-M08-L25 APMR-P3220-D20-M10-L30 APMR-P3225-D25-M12-L35 APMR-P3232-D32-M16-L43	
WLTR UCUNA UYGUNDUR. COMPATIBLE WITH WLTR INSERT.			


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


43°	AFM43C-OD0605	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	
WLTR UCUNA UYGUNDUR. COMPATIBLE WITH WLTR INSERT.			

43°	AFM43-OD0504	Uç / Insert	Takım Kodu / Tool Code
	OD.. 0504..	AFM43-OD0504-D040-A16-Z04-H AFM43-OD0504-D050-A22-Z05-H AFM43-OD0504-D063-A22-Z06-H AFM43-OD0504-D080-A27-Z07-H AFM43-OD0504-D100-A32-Z08-H	
WLTR UCUNA UYGUNDUR. COMPATIBLE WITH WLTR 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
<b>WLTR UCUNA UYGUNDUR.</b> <b>COMPATIBLE WITH WLTR INSERT.</b>			


-°	AFMRC-RO20	Uç / Insert	Takım Kodu / Tool Code
		ROMX 2006..	AFMRC-RO20-D063-A22-Z05-H AFMRC-RO20-D080-A27-Z06-H
<b>WLTR UCUNA UYGUNDUR.</b> <b>COMPATIBLE WITH WLTR INSERT.</b>			


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
<b>XTC-GSC UCUNA UYGUNDUR.</b> <b>COMPATIBLE WITH XTC-GSC INSERT.</b>			


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
<b>XTC-GSC UCUNA UYGUNDUR.</b> <b>COMPATIBLE WITH XTC-GSC INSERT.</b>			


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-C25-L170-Z04-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..	AEM90-WNG08-D40-W32-L100-Z03-H AEM90-WNG08-D40-W40-L110-Z03-H AEM90-WNG08-D40-C32-L170-Z03-H
<b>XTC-GSC UCUNA UYGUNDUR.</b> <b>COMPATIBLE WITH XTC-GSC INSERT.</b>			


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 AFM90-WNG08-D050-A22-Z05-H AFM90-WNG08-D063-A22-Z06-H AFM90-WNG08-D080-A27-Z07-H AFM90-WNG08-D100-A32-Z07-H
		WNGU 0806..	
<b>XTC-GSC UCUNA UYGUNDUR.</b> <b>COMPATIBLE WITH XTC-GSC INSERT.</b>			


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-A32Z-Z08-H
<b>WLTR UCUNA UYGUNDUR.</b> <b>COMPATIBLE WITH WLTR INSERT.</b>			

90°	AFM90-LN1307	Uç / Insert	Takım Kodu / Tool Code
		LNKG 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
<b>WLTR UCUNA UYGUNDUR.</b> <b>COMPATIBLE WITH WLTR INSERT.</b>			

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
<b>XTC-GSC UCUNA UYGUNDUR.</b> <b>COMPATIBLE WITH XTC-GSC INSERT.</b>			


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
<b>XTC-GSC UCUNA UYGUNDUR.</b> <b>COMPATIBLE WITH XTC-GSC INSERT.</b>			


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
<b>XTC-GSC UCUNA UYGUNDUR.</b> <b>COMPATIBLE WITH XTC-GSC INSERT.</b>			


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
<b>YG UCUNA UYGUNDUR.</b> <b>COMPATIBLE WITH YG INSERT.</b>			

## Frezeleme Takımları / Milling Tools


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


90°	ATSM90-SP..	Uç / Insert	Takım Kodu / Tool Code
		SPGT 050204	ATSM90-SPGT0502-D63X6-W32-L125-Z10
		SPGT 090408	ATSM90-SPGT0904-D32X14-W32-L120-Z04-H
		SPGT 110408	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.			


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°	ASDM-SPGT	Uç / Insert	Takım Kodu / Tool Code
		SPGT 0502..	ASDM-SPGT05-D80x6-d27-Z10 ASDM-SPGT05-D100x6-d32-Z12 ASDM-SPGT05-D125x6-d40-Z14 ASDM-SPGT05-D160x6-d40-Z18
		SPGT 0602..	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
		SPGT 0702..	ASDM-SPGT07-D100x10-d27-Z10 ASDM-SPGT07-D100x10-d32-Z12
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 AEM90-WN0604Z-D25-W25-L150-Z02-H AEM90-WN0604Z-D32-W32-L150-Z03-H AEM90-WN0604Z-D40-W32-L150-Z04-H	
		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.		

90°	AFM90-WN..	Uç / Insert	Takım Kodu / Tool Code
		WNHU 0604..	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
		WNHU 0806..	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..	AHFM-SD06T2-D16-C16-L100-Z02-H AHFM-SD06T2-D16-C16-L150-Z02-H AHFM-SD06T2-D16-C16-L200-Z02 AHFM-SD06T2-D17-C16-L150-Z02-H AHFM-SD06T2-D20-C20-L150-Z03-H AHFM-SD06T2-D20-C20-L200-Z03 AHFM-SD06T2-D21-C20-L150-Z03-H AHFM-SD06T2-D25-C25-L150-Z04-H AHFM-SD06T2-D26-C25-L150-Z04-H
		SD.. 09T3..	AHFM-SD09T3-D22-W20-L150-Z02 AHFM-SD09T3-D25-C25-L150-Z02 AHFM-SD09T3-D25-W25-L150-Z02 AHFM-SD09T3-D25-C25-L150-Z03 AHFM-SD09T3-D28-C25-L150-Z02 AHFM-SD09T3-D32-C32-L150-Z03 AHFM-SD09T3-D32-W32-L150-Z03 AHFM-SD09T3-D32-C32-L150-Z04
		ZCC UCUNA UYGUNDUR. COMPATIBLE WITH ZCC INSERT.	


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

-°	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.		

-°	APMR-RO..	Uç / Insert	Takım Kodu / Tool Code
		ROHX 1203	APMR-RO12-D12-C12-L120 APMR-RO12-D12-C16-L160
		ROHX 1604	APMR-RO16-D16-C16-L160 APMR-RO16-D16-C16-L200 APMR-RO16-D16-C20-L200
		ROHX 2005	APMR-RO20-D20-C20-L160 APMR-RO20-D20-C20-L200 APMR-RO20-D20-C25-L220
		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	APMR-XP16-D16-C16-L150
		XPHT 20R10T3	APMR-XP20-D20-C20-L150
		XPHT 25R1204	APMR-XP25-D25-C25-L150
ZCC UCUNA UYGUNDUR. COMPATIBLE WITH ZCC INSERT.			

## Frezeleme Takımları / Milling Tools

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

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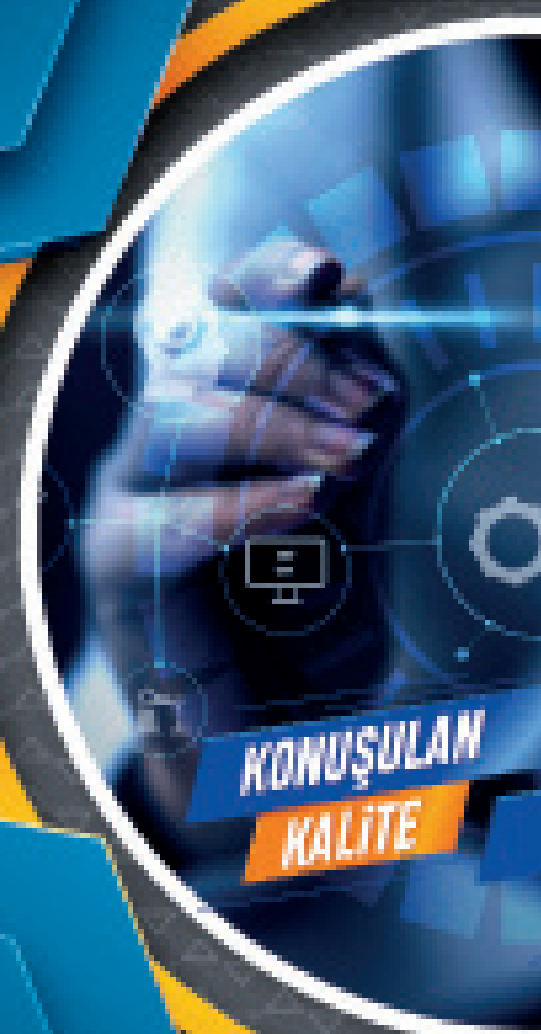
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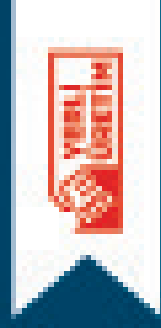
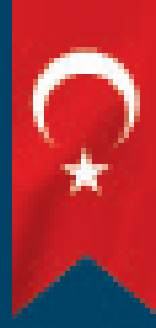


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