

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

# FREZELEME TAKIMLARI MILLING TOOLS



AKKO  
A

1

EM

2

90

3

L

4

- A

5

P

6

10

7

D12

8

- W16

9

- L100

10

- Z01

11

- H

12

## 2 Kesiş Stili / Cutter Style

FM: Yüzeysel Frezeleme Takımları - Face Milling Tools  
EM: Alın ve Yüzeysel Parmak Frezeleri - End Face Milling Tools  
CM: Pah Kırma Parmak Frezeleri - Chamfering End Milling Tools  
HM: Helis Parmak Frezeleri - Helix End Milling Tools  
TSM: T Kanal Frezeleri - T Slot Milling Tools  
HFM: Yüksek İlerleme Frezeleme Takımları - High Feed Milling Tools  
PMR: Küresel Uçlu Parmak Frezeleri - Ball Nose End Milling Tools  
SDM: Disk Frezeler / Slot Disc Milling  
CBM: Silindirik Alyan Başlı Vida Havşalarını Açma Frezeleri  
Countersink Milling Tool for Cylindrical Allen Head Screws

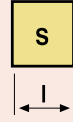
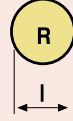
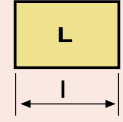
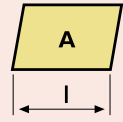
## 3 Freze Yanaşma Açısı / Lead Angle

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

## 4 Freze Yanaşma Açısı / Lead Angle

L: Sol - Left  
C: Baskı Pabuçu - Clamp  
S: Altık - Shim  
CL: Baskı Pabuçlu Sol Yön - Left Way with Clamp  
CS: Baskı Pabuçlu Altıklı - Clamp with Shim  
CSL: Baskı Pabuçlu Altıklı Sol Yön - Left Way Clamp with Shim

## 7 Kesme Kenar Uzunluğu / Cutting Edge Length



## 5 Uç Tipi / Insert Shape

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

## 6 Serbest Uç Açısı / Clearance angle of Insert

A	B	C
D	E	F
G	N	P

## 8 Takım Çapı / Tool Diameter

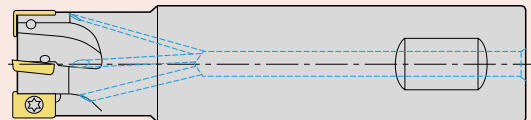
## 9 Montaj Formu ve Çapı / Assembly Form and Diameter

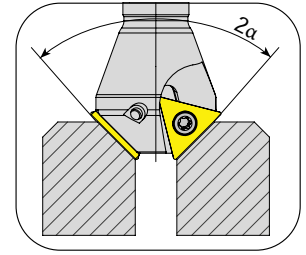
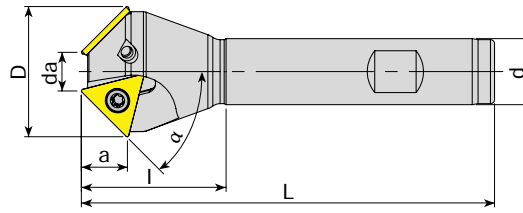
A, B, C, D: ISO'ya göre montaj formu / Assembly form according to ISO  
C: Silindirik Şaft / Cylindrical Shank  
W: Weldon



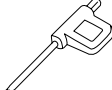
## 10 Takım Boyu / Tool Length

## 11 Etkili Diş Adedi / Number of Effective Tooth

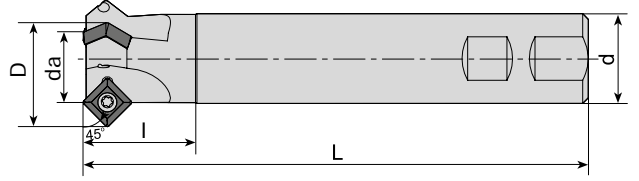
## 12 İçten Soğutmalı / With Coolant Hole





Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)							Kesici Uç Insert	Yedek Parçaları Spare Parts		
		$\alpha$	da	D	d	L	l	Z		a	Sıkma Vidası Screw	Tork Anahtar Torx Key
ACM10-TC16-D17X22-W16-L90-Z01	●	10°	17	22	16	90	30	1	15.2			
ACM15-TC16-D17X24-W16-L90-Z01	●	15°	17	24	16	90	30	1	14.9			
ACM15-TC16-D22X29-W16-L100-Z01	●	15°	22	29	16	100	30	1	14.9			
ACM15-TC16-D30X37-W20-L100-Z02	●	15°	30	37	20	100	35	2	14.9			
ACM15-TC16-D35X42-W20-L100-Z03	●	15°	35	42	20	100	38	3	14.9			
ACM15-TC16-D52X59-W25-L110-Z03	●	15°	52	59	25	110	40	3	14.9			
ACM17.5-TC16-D17X25-W16-L90-Z01	●	17.5°	17	25	16	90	30	1	14.7			
ACM18.5-TC16-D21.3X30-W20-L100-Z02	●	18.5°	21.3	30	20	100	30	2	13.5			
ACM20-TC16-D12X22-W16-L100-Z01	●	20°	12	22	16	100	30	1	14.4			
ACM20-TC16-D17X27-W16-L100-Z01	●	20°	17	27	16	100	30	1	14.4			
ACM20-TC16-D23X33-W20-L100-Z02	●	20°	23	33	20	100	30	2	14.4			
ACM20-TC16-D28X38-W20-L100-Z02	●	20°	28	38	20	100	35	2	14.4			
ACM20-TC16-D35X45-W20-L100-Z03	●	20°	35	45	20	100	40	3	14.4			
ACM20-TC16-D39X49-W20-L100-Z03	●	20°	39	49	20	100	40	3	14.4			
ACM20-TC16-D45X55-W25-L110-Z03	●	20°	45	55	25	110	40	3	14.4			
ACM20-TC16-D51X61-W25-L110-Z03	●	20°	51	61	25	110	40	3	14.4			
ACM22.5-TC16-D17X28-W16-L100-Z01	●	22.5°	17	28	16	100	30	1	14.2			
ACM25-TC16-D17X29-W16-L100-Z01	●	25°	17	29	16	100	30	1	13.9			
ACM30-TC16-D6X20-W16-L100-Z01	●	30°	6	20	16	100	30	1	13.3			
ACM30-TC16-D15X30-W16-L100-Z01	●	30°	15	30	16	100	30	1	13.3			
ACM30-TC16-D17.5X32.5-W20-L100-Z02	●	30°	17.5	32.5	20	100	30	2	13.3			
ACM30-TC16-D20X35-W16-L100-Z02	●	30°	20	35	16	100	35	2	13.3			
ACM30-TC16-D30X45-W20-L100-Z02	●	30°	30	45	20	100	40	2	13.3			
ACM30-TC16-D35X50-W20-L100-Z03	●	30°	35	50	20	100	40	3	13.3			
ACM30-TC16-D45X60-W25-L110-Z03	●	30°	45	60	25	110	40	3	13.3			
ACM45-TC09-D7X18-W16-L100-Z02	●	45°	7	18	16	100	25	2	5.9	TC.T 090204	3007-M2.2x5	80-T07
ACM45-TC11-D11X24-W16-L100-Z02	●	45°	11	24	16	100	25	2	6.9	TC.T 110204	3008-M2.5x6	80-T08
ACM45-TC16-D5X26-W16-L100-Z01	●	45°	5	26	16	100	30	1	10.8	TC.T 16T304	4015-M3.5x9	80-T15
ACM45-TC16-D10X31-W16-L100-Z02	●	45°	10	31	16	100	35	2	10.8			
ACM45-TC16-D10X31-W20-L100-Z02	●	45°	10	31	20	100	35	2	10.8			
ACM45-TC16-D18X39-W16-L100-Z02	●	45°	18	39	16	100	40	2	10.8			
ACM45-TC16-D18X39-W20-L100-Z02	●	45°	18	39	20	100	40	2	10.8			
ACM45-TC16-D20X41-W20-L100-Z02	●	45°	20	41	20	100	40	2	10.8			
ACM45-TC16-D30X51-W20-L100-Z02	●	45°	30	51	20	100	40	2	10.8			
ACM55-TC16-D16X40-W20-L100-Z03	●	55°	16	40	20	100	40	3	8.7			
ACM62-TC16-D14X40-W20-L100-Z03	●	62°	14	40	20	100	40	3	7.1			
ACM72-TC16-D14X42-W20-L100-Z03	●	72°	14	42	20	100	40	3	4.6			

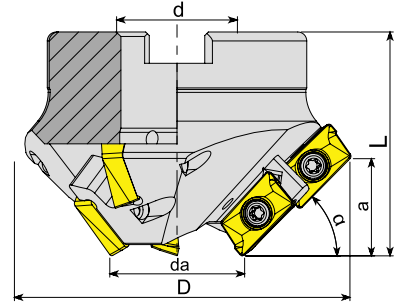
> S-SİSTEM PAH FREZELER  
S-SYSTEM CHAMFERING END MILLS



Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)								Kesici Uç Insert	Yedek Parçaları Spare Parts	
		$\alpha$	da	D	d	L	l	Z	a		Sıkma Vidası Screw	Tork Anahtar Torx Key
ACM45-SP1104-D12x26-W20-L150-Z01	●	45°	12	26	20	150	30	1	-	SPGT 110408	1515-M4x11	80-T15
ACM45-SP1104-D25x39-W25-L150-Z02	●	45°	25	39	25	150	35	2	-			
ACM45-SP1104-D32x46-W32-L150-Z03	●	45°	32	46	32	150	40	3	-			

ZCC Ucuna Uygundur. / Compatible with ZCC Insert.

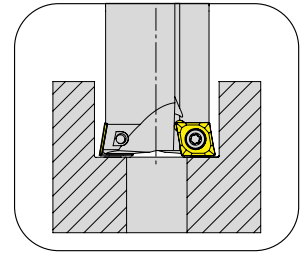
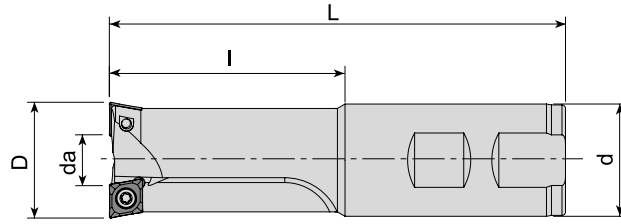
> HELİS PAH FREZELEME TAKIMLARI  
HELIX CHAMFER MILLING TOOLS



Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)								Kesici Uç Insert	Yedek Parçaları Spare Parts	
		Z		$\alpha$	da	D	d	a	L		Sıkma Vidası Screw	Tork Anahtar Torx Key
		Toplam Total	Etkili Effective									
AHM15-AP16-D35x93-A27-Z0306-H	●	6	3	15	35	93	27	8	50	AP.. 1604..	4015-M4x11	80-T15
AHM30-AP16-D35x87-A27-Z0306-H	●	6	3	30	35	87	27	15	50			
AHM45-AP16-D35x77-A27-Z0306-H	●	6	3	45	35	77	27	21.5	50			
AHM60-AP16-D35x65-A22-Z0306-H	●	6	3	60	35	65	22	26.5	50			
AHM75-AP16-D35x50-A22-Z0306-H	●	6	3	75	35	50	22	29.5	50			

R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item  
ISO Ucuna Uygundur. / Compatible with ISO Insert.

Sipariş Örneği/Ordering Example : 1 ad./pcs. ACM45-SP1104-D12x26-W20-L150-Z01  
Kesme Hesabı : S 271 / Cutting Calculation : P 271

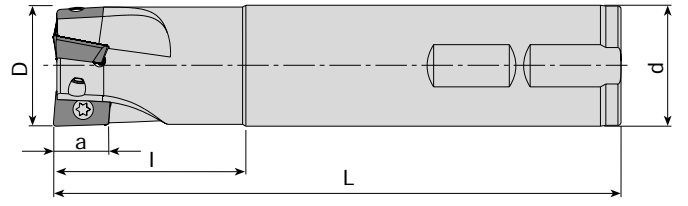


Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)						Kesici Uç Insert	Yedek Parçaları Spare Parts	
		da	D	d	l	L	Kullanılan Vidalar For Screws		Sıkma Vidası Screw	Tork Anahtar Torx Key
ACBM-CC06-D17X6-W16-L150-Z02	●	6	17	16	30	150	-	CC.. 060204	3008-M2.5x6	80-T08
ACBM-CC06-D18X7-W16-L100-Z02-H	●	7	18	16	32	100	M10			
ACBM-CC06-D18X7-W16-L160-Z02-H	●	7	18	16	32	160	M10			
ACBM-CC06-D20X9-W20-L100-Z02-H	●	9	20	20	40	100	M12			
ACBM-CC06-D20X9-W20-L160-Z02-H	●	9	20	20	38	160	M12	CC.. 09T304	4015-M3.5x9	80-T15
ACBM-CC09-D26X8.5-W25-L130-Z02-H	●	8.5	26	25	50	130	M16			
ACBM-CC09-D26X8.5-W25-L200-Z02	●	8.5	26	25	50	200	M16			
ACBM-CC09-D33X15.5-W32-L130-Z02-H	●	15.5	33	32	65	130	M20			
ACBM-CC09-D33X15.5-W32-L200-Z02	●	15.5	33	32	65	200	M20	SP.. 060204	3007-M2.2x5	80-T07
ACBM-SP06-D15X4-W16-L160-Z02-H	●	4	15	16	80	160	M8			

R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item  
ISO Ucuna Uygundur. / Compatible with ISO Insert.

Sipariş Örneği/Ordering Example : 1 ad./pcs. ACBM-CC06-D17X6-W16-L150-Z02  
Kesme Hesabı : S 271 / Cutting Calculation : P 271



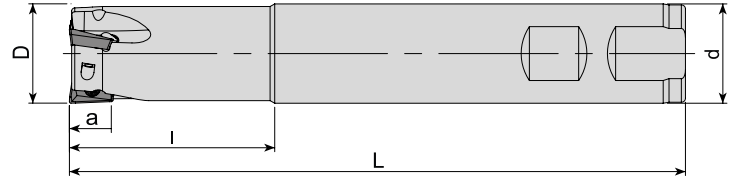


Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)						Kesici Uç Insert	Yedek Parçaları Spare Parts	
		D	Z	d	L	l	a		Sıkma Vidası Screw	Tork Anahtar Torx Key
AEM90-AD1505-D25-W25-L150-Z02	●	25	2	25	150	50	15	AD.. 1505..	1515-M4x9	80-T15
AEM90-AD1505-D30-W25-L150-Z03	●	30	3	25	150	40	15			
AEM90-AD1505-D32-W32-L150-Z03	●	32	3	32	150	50	15			

R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item  
ISCR Ucuna Uygunudur. / Compatiple with ISCR Insert.

Sipariş Örneği/Ordering Example : 1 ad./pcs. AEM90-AD1505-D25-W25-L150-Z02  
Kesme Hesabı : S 271 / Cutting Calculation : P 271



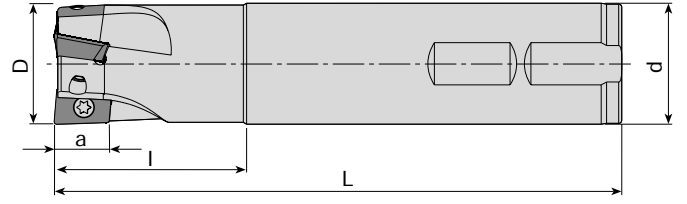


Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)						Kesici Uç Insert	Yedek Parçaları Spare Parts	
		D	Z	d	L	l	a		Sıkma Vidası Screw	Tork Anahtar Torx Key
AEM90-AD10T3-D16-W16-L100-Z02-H	●	16	2	16	100	30	10	ADMT 10T3..	3008-M2.5x6	80-T08
AEM90-AD10T3-D16-W16-L150-Z02	●	16	2	16	150	40	10			
AEM90-AD10T3-D16-C16-L200-Z02	●	16	2	16	200	50	10			
AEM90-AD10T3-D20-W20-L70-Z03	●	20	3	20	70	30	10			
AEM90-AD10T3-D20-W20-L100-Z03-H	●	20	3	20	100	30	10			
AEM90-AD10T3-D20-W20-L150-Z03	●	20	3	20	150	30	10			
AEM90-AD10T3-D20-C20-L150-Z03	●	20	3	20	150	40	10			
AEM90-AD10T3-D20-C20-L200-Z03	●	20	3	20	200	40	10			
AEM90-AD10T3-D25-W25-L100-Z03-H	●	25	3	25	100	30	10			
AEM90-AD10T3-D25-W25-L100-Z04-H	●	25	4	25	100	30	10			
AEM90-AD10T3-D25-W25-L150-Z03	●	25	3	25	150	50	10	ADMT 1204..	4010-M3x6	80-T10
AEM90-AD1204-D20-W20-L150-Z02	●	20	2	20	150	50	12			
AEM90-AD1204-D25-W25-L150-Z03	●	25	3	25	150	50	12			
AEM90-AD1204-D32-W32-L150-Z04	●	32	4	32	150	50	12	ADMT 1606..	4015-M4x9	80-T15
AEM90-AD1606-D25-W25-L150-Z02	●	25	2	25	150	50	15			
AEM90-AD1606-D32-W32-L150-Z03	●	32	3	32	150	50	15			

R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item  
WLTR Ucuna Uygunudur. / Compatible with WLTR Insert.

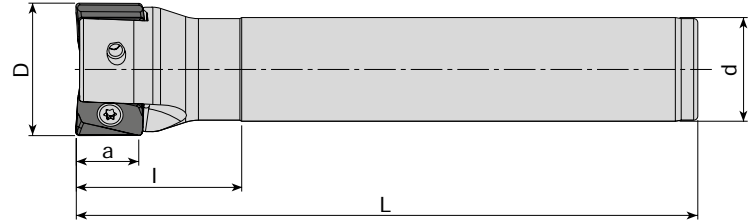
Sipariş Örneği/Ordering Example : 1 ad./pcs. AEM90-AD10T3-D16-W16-L100-Z02-H  
Kesme Hesabı : S 271 / Cutting Calculation : P 271





Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)						Kesici Uç Insert	Yedek Parçaları Spare Parts	
		D	Z	d	L	l	a		Sıkma Vidası Screw	Tork Anahtar Torx Key
AEM90-AD1003-D16-C16-L150-Z02	●	16	2	16	150	30	8	ADMT 1003..	3008-M2.5x6	80-T08
AEM90-AD1003-D17-C16-L150-Z02	●	17	2	16	150	25	8			
AEM90-AD1003-D20-C20-L200-Z03	●	20	3	20	200	50	8			
AEM90-AD1003-D21-C20-L200-Z03	●	21	3	20	200	25	8			
AEM90-AD1003-D25-C25-L200-Z03	●	25	3	25	200	50	8			
AEM90-AD1003-D26-C25-L150-Z03	●	26	3	25	150	30	8			
AEM90-AD1003-D26-C25-L200-Z03	●	26	3	25	200	30	8	ADKT 150508	4015-M4x9	80-T15
AEM90-AD1505D-D25-W25-L150-Z02	●	25	2	25	150	50	14.3		4015-M4x11	
AEM90-AD1505D-D32-W32-L150-Z03	●	32	3	32	150	50	14.3			

DJT Ucuna Uygun. / Compatiple with DJT Insert.

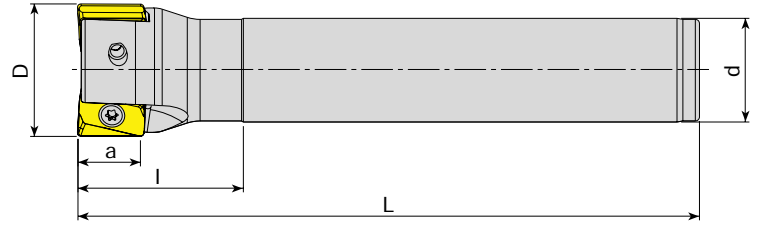


Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)						Kesici Uç Insert	Yedek Parçaları Spare Parts	
		D	Z	d	L	l	a		Sıkma Vidası Screw	Tork Anahtar Torx Key
AEM90-AN11-D22-W20-L150-Z02	●	22	2	20	150	30	11	ANGX 110508	4010-M3x8	80-T10
AEM90-AN11-D25-W25-L150-Z02	●	25	2	25	150	40	11			
AEM90-AN11-D25-C25-L200-Z02	●	25	2	25	200	40	11			
AEM90-AN11-D26-W25-L150-Z02	●	26	2	25	150	40	11			
AEM90-AN11-D28-W25-L150-Z02	●	28	2	25	150	25	11			
AEM90-AN11-D32-W32-L150-Z03	●	32	3	32	150	50	11			
AEM90-AN11-D32-C32-L200-Z03	●	32	3	32	200	50	11			
AEM90-AN11-D40-W32-L150-Z04	●	40	4	32	150	40	11			

R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item  
ZCC Ucuna Uygun. / Compatiple with ZCC Insert.

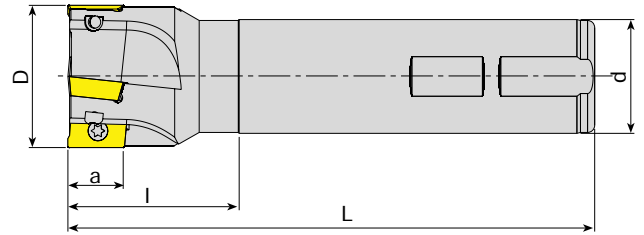
Sipariş Örneği/Ordering Example : 1 ad./pcs. AEM90-AD1003-D16-C16-L150-Z02  
Kesme Hesabı : S 271 / Cutting Calculation : P 271





Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)						Kesici Uç Insert	Yedek Parçaları Spare Parts	
		D	Z	d	L	l	a		Sıkma Vidası Screw	Tork Anahtar Torx Key
AEM90-AN1607-D32-C25-L150-Z02	●	32	2	25	150	50	15	AN.X 1607	1515-M4x11	80-T15
AEM90-AN1607-D40-C32-L150-Z03	●	40	3	32	150	50	15			

TGTC Ucuna Uygundur. / Compatible with TGTC Insert.

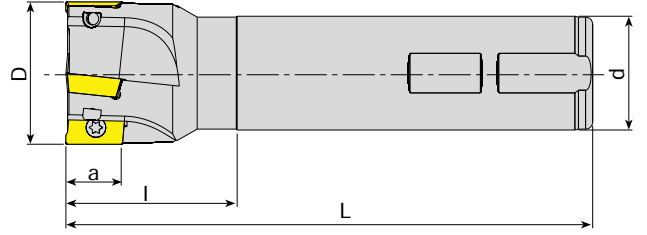





Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)						Kesici Uç Insert	Yedek Parçaları Spare Parts	
		D	Z	d	L	l	a		Sıkma Vidası Screw	Tork Anahtar Torx Key
AEM90-AP06-D10-C10-L120-Z02	●	10	2	10	120	20	5.6	APMT 0602.. KRLY UCUNA UYGUNDUR. FOR KRLY INSERT.	3006-M1.8x4	80-T06
AEM90-AP06-D12-C12-L120-Z02	●	12	2	12	120	20	5.6			
AEM90-AP0903-D16-C16-L150-Z02	●	16	2	16	150	30	9	APMT 0903..		
AEM90-AP0903-D17-C16-L150-Z02	●	17	2	16	150	30	9			
AEM90-AP0903-D20-C20-L150-Z02	●	20	2	20	150	30	9	KRLY UCUNA UYGUNDUR. FOR KRLY INSERT.		
AEM90-AP0903-D21-C20-L150-Z02	●	21	2	20	150	30	9			
AEM90-AP0903-D25-C25-L150-Z03	●	25	3	25	150	30	9	APKT 09T3..	3008-M2.5x6	80-T08
AEM90-AP09-D16-C16-L100-Z02-H	●	16	2	16	100	30	8.8			
AEM90-AP09-D16-C15-L150-Z02	●	16	2	15	150	25	8.8	TGTC UCUNA UYGUNDUR. FOR TGTC INSERT.		
AEM90-AP09-D16-W16-L150-Z02-H	●	16	2	16	150	25	8.8			
AEM90-AP09-D16-C16-L200-Z02-H	●	16	2	16	200	100	8.8	AP.. 1003.. ISO UCUNA UYGUNDUR. FOR ISO INSERT.	3008-M2.5x5	
AEM90-AP09-D17-C16-L150-Z02	●	17	2	16	150	25	8.8			
AEM90-AP09-D20-C20-L150-Z03-H	●	20	3	20	150	50	8.8			
AEM90-AP09-D20-C20-L200-Z03-H	●	20	3	20	200	100	8.8			
AEM90-AP09-D20-C20-L250-Z02-H	●	20	2	20	250	150	8.8			
AEM90-AP09-D21-C20-L150-Z03	●	21	3	20	150	25	8.8			
AEM90-AP09-D26-C25-L150-Z04	●	26	4	25	150	30	8.8			
AEM90-AP10-D12-W16-L100-Z01-H	●	12	1	16	100	30	10			
AEM90-AP10-D12-W16-L150-Z01	●	12	1	16	150	38	10			
AEM90-AP10-D14-W16-L100-Z01-H	●	14	1	16	100	30	10			

R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item

Sipariş Örneği/Ordering Example : 1 ad./pcs. AEM90-AN1607-D32-C25-L150-Z02

Kesme Hesabı : S 271 / Cutting Calculation : P 271

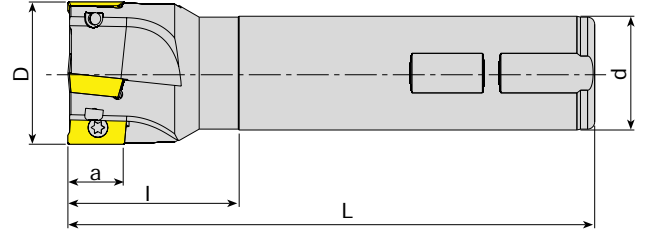







Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)						Kesici Uç Insert	Yedek Parçaları Spare Parts	
		D	Z	d	L	l	a		Sıkma Vidası Screw	Tork Anahtar Torx Key
AEM90-AP10-D14-W16-L150-Z01	●	14	1	16	150	38	10	 <b>AP.. 1003..</b> <b>ISO UCUNA UYGUNDUR.</b> <i>FOR ISO INSERT.</i>	 3008-M2.5x6	 80-T08
AEM90-AP10-D16-C16-L100-Z02-H	●	16	2	16	100	30	10			
AEM90-AP10-D16-W16-L100-Z02-H	●	16	2	16	100	30	10			
AEM90-AP10-D16-C16-L120-Z02-H	●	16	2	16	120	30	10			
AEM90-AP10-D16-C16-L150-Z02	●	16	2	16	150	50	10			
AEM90-AP10-D16-C16-L150-Z02-H	●	16	2	16	150	50	10			
AEM90-AP10-D16-W16-L150-Z02	●	16	2	16	150	50	10			
AEM90-AP10-D16-C16-L200-Z02	●	16	2	16	200	100	10			
AEM90-AP10-D16-C16-L200-Z02-H	●	16	2	16	200	100	10			
AEM90-AP10-D16-C16-L250-Z02	●	16	2	16	250	50	10			
AEM90-AP10-D18-W16-L100-Z02-H	●	18	2	16	100	30	10			
AEM90-AP10-D18-W16-L150-Z02	●	18	2	16	150	30	10			
AEM90-AP10-D20-C20-L100-Z03-H	●	20	3	20	100	30	10			
AEM90-AP10-D20-W20-L100-Z03-H	●	20	3	20	100	30	10			
AEM90-AP10-D20-C20-L120-Z03-H	●	20	3	20	120	30	10			
AEM90-AP10-D20-C20-L150-Z03	●	20	3	20	150	50	10			
AEM90-AP10-D20-C20-L150-Z03-H	●	20	3	20	150	50	10			
AEM90-AP10-D20-W20-L150-Z03	●	20	3	20	150	50	10			
AEM90-AP10-D20-C20-L200-Z02	●	20	2	20	200	100	10			
AEM90-AP10-D20-C20-L200-Z03-H	●	20	3	20	200	100	10			
AEM90-AP10-D20-C20-L250-Z02	●	20	2	20	250	150	10			
AEM90-AP10-D20-C20-L250-Z02-H	●	20	2	20	250	150	10			
AEM90-AP10-D21-W20-L150-Z03	●	21	3	20	150	30	10			
AEM90-AP10-D22-W20-L100-Z03-H	●	22	3	20	100	30	10			
AEM90-AP10-D22-W20-L150-Z03	●	22	3	20	150	30	10			
AEM90-AP10-D23-W20-L150-Z03	●	23	3	20	150	30	10			
AEM90-AP10-D24-W20-L150-Z03	●	24	3	20	150	30	10			
AEM90-AP10-D25-W25-L100-Z04-H	●	25	4	25	100	30	10			
AEM90-AP10-D25-C25-L100-Z03-H	●	25	3	25	100	30	10			
AEM90-AP10-D25-W25-L100-Z03-H	●	25	3	25	100	30	10			
AEM90-AP10-D25-C25-L120-Z03-H	●	25	3	25	120	30	10			
AEM90-AP10-D25-C25-L150-Z03	●	25	3	25	150	50	10			
AEM90-AP10-D25-W25-L150-Z03	●	25	3	25	150	50	10			
AEM90-AP10-D25-C25-L200-Z02	●	25	2	25	200	100	10			
AEM90-AP10-D25-C25-L200-Z03	●	25	3	25	200	100	10			
AEM90-AP10-D25-C25-L250-Z02	●	25	2	25	250	100	10			

R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item

Sipariş Örneği/Ordering Example : 1 ad./pcs. AEM90-AP10-D14-W16-L150-Z01

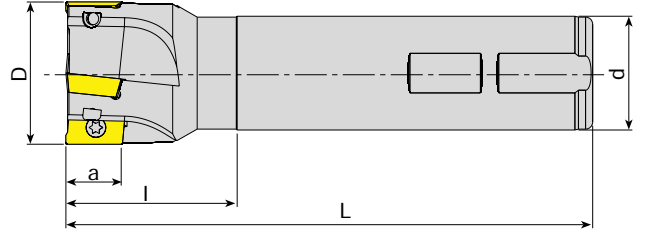
Kesme Hesabı : S 271 / Cutting Calculation : P 271



Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)						Kesici Uç Insert	Yedek Parçaları Spare Parts	
		D	Z	d	L	l	a		Sıkma Vidası Screw	Tork Anahtar Torx Key
AEM90-AP10-D30-C25-L100-Z04-H	●	30	4	25	100	30	10	 <b>AP.. 1003..</b> ISO UCUNA UYGUNDUR. FOR ISO INSERT.		
AEM90-AP10-D30-C25-L120-Z04-H	●	30	4	25	120	30	10			
AEM90-AP10-D30-C25-L150-Z04	●	30	4	25	150	30	10			
AEM90-AP10-D32-C25-L100-Z04-H	●	32	4	25	100	35	10			
AEM90-AP10-D32-C25-L120-Z04-H	●	32	4	25	120	35	10			
AEM90-AP10-D32-C25-L150-Z04	●	32	4	25	150	35	10			
AEM90-AP10-D32-W25-L150-Z04	●	32	4	25	150	35	10			
AEM90-AP10-D32-W32-L150-Z04	●	32	4	32	150	50	10			
AEM90-AP10-D40-W32-L150-Z05	●	40	5	32	150	40	10			
AEM90-AP10D-D16-W16-L150-Z02	●	16	2	16	150	50	10	<b>AP.. 1003..</b> DJT UCUNA UYGUNDUR. FOR DJT INSERT		
AEM90-AP10D-D20-W20-L150-Z03	●	20	3	20	150	50	10			
AEM90-AP11-D16-C16-L150-Z02	●	16	2	16	150	50	11	<b>AP.. 11T3..</b> ZCC UCUNA UYGUNDUR. FOR ZCC INSERT.	3008-M2.5x6	80-T08
AEM90-AP11-D16-C16-L150-Z02-H	●	16	2	16	150	50	11			
AEM90-AP11-D16-W16-L150-Z02	●	16	2	16	150	50	11			
AEM90-AP11-D16-C16-L200-Z02	●	16	2	16	200	100	11			
AEM90-AP11-D17-C16-L150-Z02	●	17	2	16	150	30	11			
AEM90-AP11-D17-C16-L200-Z02	●	17	2	16	200	30	11			
AEM90-AP11-D20-C20-L150-Z03	●	20	3	20	150	50	11			
AEM90-AP11-D20-W20-L150-Z03	●	20	3	20	150	50	11			
AEM90-AP11-D20-W20-L150-Z03-H	●	20	3	20	150	50	11			
AEM90-AP11-D20-C20-L200-Z03	●	20	3	20	200	100	11			
AEM90-AP11-D21-C20-L150-Z03	●	21	3	20	150	30	11			
AEM90-AP11-D21-W20-L150-Z03	●	21	3	20	150	30	11			
AEM90-AP11-D21-W20-L150-Z03-H	●	21	3	20	150	30	11			
AEM90-AP11-D21-C20-L200-Z03	●	21	3	20	200	30	11			
AEM90-AP11-D25-C25-L150-Z03	●	25	3	25	150	50	11			
AEM90-AP11-D25-W25-L150-Z03	●	25	3	25	150	50	11			
AEM90-AP11-D25-W25-L150-Z03-H	●	25	3	25	150	50	11			
AEM90-AP11-D26-C25-L150-Z03	●	26	3	25	150	35	11			
AEM90-AP11-D26-C24-L150-Z03	●	26	3	24	150	47	11			
AEM90-AP11-D32-W25-L150-Z04	●	32	4	25	150	35	11			
AEM90-AP11-D32-W32-L150-Z03-H	●	32	3	32	150	50	11			
AEM90-AP11-D32-W32-L150-Z04	●	32	4	32	150	50	11			

R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item

Sipariş Örneği/Ordering Example : 1 ad./pcs. AEM90-AP10-D30-C25-L100-Z04-H  
Kesme Hesabı : S 271 / Cutting Calculation : P 271

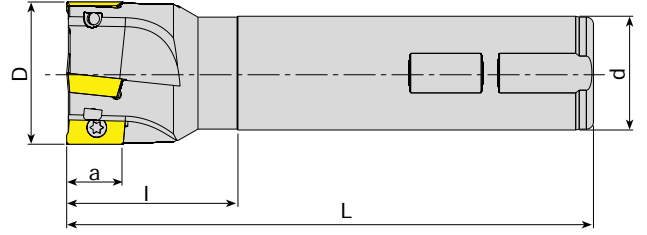


Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)						Kesici Uç Insert	Yedek Parçaları Spare Parts	
		D	Z	d	L	l	a		Sıkma Vidası Screw	Tork Anahtar Torx Key
AEM90-AP1135-D16-W16-L150-Z02	●	16	2	16	150	50	9.5	AP.. 1135.. GSC UCUNA UYGUNDUR. FOR GSC INSERT	3008-M2.5x6	80-T08
AEM90-AP1135-D20-W20-L150-Z03	●	20	3	20	150	50	9.5			
AEM90-AP1204-D20-C20-L150-Z02	●	20	2	20	150	30	12			
AEM90-AP1204-D21-C20-L150-Z02	●	21	2	20	150	30	12	AP.. 1204.. TGTC UCUNA UYGUNDUR. FOR TGTC INSERT.	1510-M3.5x7	80-T10
AEM90-AP1204-D21-C20-L200-Z02	●	21	2	20	200	30	12			
AEM90-AP1204-D25-C25-L150-Z03	●	25	3	25	150	40	12			
AEM90-AP1204-D26-C25-L250-Z02	●	26	2	25	250	35	12			
AEM90-AP1204-D32-C25-L150-Z03	●	32	3	25	150	35	12			
AEM90-AP16-D25-C20-L100-Z02	●	25	2	20	100	35	16			
AEM90-AP16-D25-W25-L100-Z02-H	●	25	2	25	100	35	16	AP.. 1604.. ISO UCUNA UYGUNDUR. FOR ISO INSERT.	4015-M4x9	80-T15
AEM90-AP16-D25-W25-L150-Z02	●	25	2	25	150	50	16			
AEM90-AP16-D25-C25-L250-Z02	●	25	2	25	250	100	16			
AEM90-AP16-D28-W25-L100-Z03-H	●	28	3	25	100	40	16			
AEM90-AP16-D28-W25-L150-Z03	●	28	3	25	150	40	16			
AEM90-AP16-D30-W25-L110-Z03-H	●	30	3	25	110	40	16			
AEM90-AP16-D30-W25-L150-Z02	●	30	2	25	150	40	16			
AEM90-AP16-D30-W25-L150-Z03	●	30	3	25	150	40	16			
AEM90-AP16-D32-W32-L110-Z03-H	●	32	3	32	110	40	16			
AEM90-AP16-D32-C32-L150-Z03	●	32	3	32	150	50	16			
AEM90-AP16-D32-W32-L150-Z03	●	32	3	25	150	40	16			
AEM90-AP16-D32-W32-L150-Z03-H	●	32	3	32	150	50	16			
AEM90-AP16-D32-C25-L200-Z03-H	●	32	3	25	200	40	16			
AEM90-AP16-D32-C32-L250-Z02	●	32	2	32	250	100	16			
AEM90-AP16-D32-C32-L250-Z03	●	32	3	32	250	100	16			
AEM90-AP16-D35-W32-L150-Z03	●	35	3	32	150	40	16			
AEM90-AP16-D36-W32-L110-Z03-H	●	36	3	32	110	40	16			
AEM90-AP16-D36-W32-L150-Z03	●	36	3	32	150	40	16			
AEM90-AP16-D40-W32-L110-Z04-H	●	40	4	32	110	40	16			
AEM90-AP16-D40-C32-L150-Z04	●	40	4	32	150	40	16			
AEM90-AP16-D40-W32-L150-Z04	●	40	4	32	150	40	16			
AEM90-AP16-D40-C32-L250-Z02	●	40	2	32	250	40	16			
AEM90-AP16-D40-C32-L250-Z04	●	40	4	32	250	40	16			

R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item

Sipariş Örneği/Ordering Example : 1 ad./pcs. AEM90-AP1135-D16-W16-L150-Z02

Kesme Hesabı : S 271 / Cutting Calculation : P 271



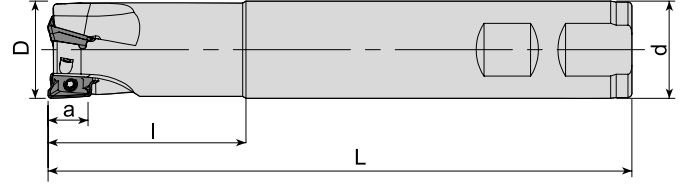
Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)						Kesici Uç Insert	Yedek Parçaları Spare Parts	
		D	Z	d	L	l	a		Sıkma Vidası Screw	Tork Anahtar Torx Key
AEM90-AP16DJ-D25-W25-L150-Z02	●	25	2	25	150	50	16	AP.. 1604.. DJT UCUNA UYGUNDUR. FOR DJT INSERT.		
AEM90-AP16DJ-D25-C25-L200-Z02	●	25	2	25	200	50	16			
AEM90-AP16DJ-D32-W32-L150-Z03	●	32	3	32	150	50	16			
AEM90-AP16DJ-D32-C32-L180-Z03	●	32	3	32	180	50	16	AP.. 1604.. LMN UCUNA UYGUNDUR. FOR LMN INSERT.	1515-M4x9	80-T15
AEM90-AP16DJ-D32-C32-L200-Z03	●	32	3	32	200	50	16			
AEM90-AP16L-D25-C25-L120-Z02-H	●	25	2	25	120	45	16			
AEM90-AP16L-D25-C25-L150-Z02	●	25	2	25	150	55	16	AP.. 1604.. LMN UCUNA UYGUNDUR. FOR LMN INSERT.	1515-M4x9	80-T15
AEM90-AP16L-D25-C25-L200-Z02	●	25	2	25	200	55	16			
AEM90-AP16L-D25-C25-L250-Z02	●	25	2	25	250	100	16			
AEM90-AP16L-D32-C32-L120-Z03-H	●	32	3	32	120	45	16	AP.. 1604.. PLBT UCUNA UYGUNDUR. FOR PLBT INSERT.	1515-M4x9	80-T15
AEM90-AP16L-D32-C32-L150-Z03	●	32	3	32	150	55	16			
AEM90-AP16L-D32-C32-L200-Z03	●	32	3	32	200	55	16			
AEM90-AP16L-D32-C32-L250-Z03	●	32	3	32	250	100	16	AP.. 1604.. PLBT UCUNA UYGUNDUR. FOR PLBT INSERT.	1515-M4x9	80-T15
AEM90-AP16L-D40-C32-L120-Z04-H	●	40	4	32	120	40	16			
AEM90-AP16L-D40-C32-L150-Z04	●	40	4	32	150	40	16			
AEM90-AP16L-D40-C32-L200-Z04	●	40	4	32	200	40	16	AP.. 1705.. TGTC-LMN UCUNA UYGUNDUR. FOR TGTC-LMN INSERT.	1515-M4x9	80-T15
AEM90-AP16L-D40-C32-L250-Z04	●	40	4	32	250	40	16			
AEM90-AP16P-D25-W25-L100-Z02-H	●	25	2	25	100	35	16			
AEM90-AP16P-D25-W25-L150-Z02	●	25	2	25	150	50	16	AP.. 1705.. TGTC-LMN UCUNA UYGUNDUR. FOR TGTC-LMN INSERT.	1515-M4x9	80-T15
AEM90-AP16P-D32-W32-L150-Z03	●	32	3	32	150	50	16			
AEM90-AP16P-D32-C32-L250-Z02	●	32	2	32	250	100	16			
AEM90-AP16P-D40-W32-L150-Z04	●	40	4	32	150	50	16	AP.. 1705.. TGTC-LMN UCUNA UYGUNDUR. FOR TGTC-LMN INSERT.	1515-M4x9	80-T15
AEM90-AP1705-D25-C25-L120-Z02	●	25	2	25	120	40	16			
AEM90-AP1705-D26-C25-L200-Z02	●	26	2	25	200	40	16			
AEM90-AP1705-D26-C25-L250-Z02	●	26	2	25	250	40	16	AP.. 1705.. TGTC-LMN UCUNA UYGUNDUR. FOR TGTC-LMN INSERT.	1515-M4x9	80-T15
AEM90-AP1705-D28-W25-L075-Z02	●	28	2	25	75	20	16			
AEM90-AP1705-D32-C25-L150-Z03	●	32	3	25	150	40	16			
AEM90-AP1705-D33-C32-L300-Z02	●	33	2	32	300	40	16	AP.. 1705.. TGTC-LMN UCUNA UYGUNDUR. FOR TGTC-LMN INSERT.	1515-M4x9	80-T15

R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item

Sipariş Örneği/Ordering Example : 1 ad./pcs. AEM90-AP16DJ-D25-W25-L150-Z02  
Kesme Hesabı : S 271 / Cutting Calculation : P 271



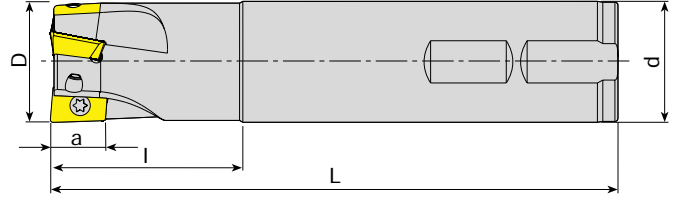
90°



Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)						Kesici Uç Insert	Yedek Parçaları Spare Parts	
		D	Z	d	L	l	a		Sıkma Vidası Screw	Tork Anahtar Torx Key
AEM90-AO1236-D16-W16-L150-Z02	●	16	2	16	150	50	12			
AEM90-AO1236-D25-W25-L150-Z03	●	25	3	25	150	50	12			
AEM90-AO1236-D32-W32-L150-Z04	●	32	4	32	150	50	12			

MTSBH Ucuna Uygunudur. / Compatible with MTSBH Insert.

90°

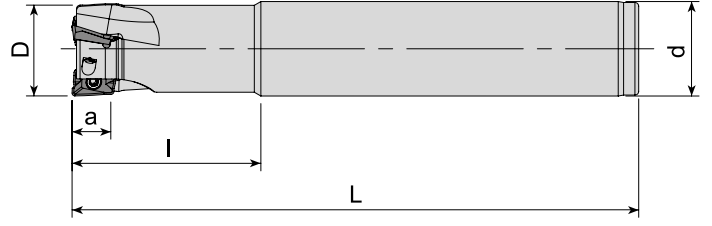


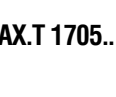
Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)						Kesici Uç Insert	Yedek Parçaları Spare Parts	
		D	Z	d	L	l	a		Sıkma Vidası Screw	Tork Anahtar Torx Key
AEM90-AX0602-D10-C10-L120-Z02	●	10	2	10	120	20	5.7			
AEM90-AX0602-D12-C12-L120-Z02	●	12	2	12	120	20	5.7			
AEM90-AX0602-D14-C12-L120-Z03	●	14	3	12	120	20	5.7			
AEM90-AX0602-D16-W16-L120-Z04-H	●	16	4	16	120	20	5.7			
AEM90-AX0602-D16-W16-L150-Z04-H	●	16	4	16	150	20	5.7			
AEM90-AX0602-D20-W20-L120-Z05-H	●	20	5	20	120	25	5.7			
AEM90-AX0602-D20-W20-L150-Z05-H	●	20	5	20	150	25	5.7			
AEM90-AX0903-D16-C16-L120-Z02	●	16	2	16	120	30	8.8			
AEM90-AX0903-D16-C16-L180-Z02	●	16	2	16	180	30	8.8			
AEM90-AX0903-D17-C16-L120-Z02	●	17	2	16	120	25	8.8			
AEM90-AX0903-D17-C16-L180-Z02	●	17	2	16	180	25	8.8			
AEM90-AX0903-D20-C20-L120-Z03	●	20	3	20	120	30	8.8			
AEM90-AX0903-D20-C20-L200-Z02	●	20	2	20	200	30	8.8			
AEM90-AX0903-D21-C20-L120-Z03	●	21	3	20	120	25	8.8			
AEM90-AX0903-D21-C20-L200-Z02	●	21	2	20	200	25	8.8			
AEM90-AX0903-D25-C25-L150-Z03	●	25	3	25	150	30	8.8			
AEM90-AX0903-D25-C25-L250-Z02	●	25	2	25	250	40	8.8			
AEM90-AX0903-D26-C25-L150-Z03	●	26	3	25	150	30	8.8			

R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item  
TGTC Ucuna Uygunudur. / Compatible with TGTC Insert.

Sipariş Örneği/Ordering Example : 1 ad./pcs. AEM90-AO1236-D16-W16-L150-Z02  
Kesme Hesabı : S 271 / Cutting Calculation : P 271

90°



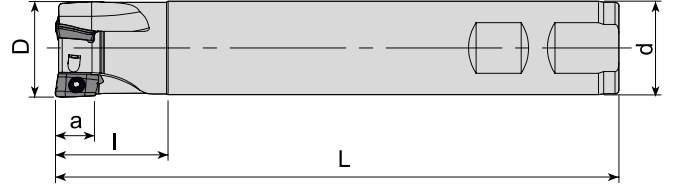
Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)						Kesici Uç Insert	Yedek Parçaları Spare Parts	
		D	Z	d	L	l	a		Sıkma Vidası Screw	Tork Anahtar Torx Key
AEM90-AX1235-D16-C14-L120-Z02-H	●	16	2	14	120	25	10		1008-M3x6	
AEM90-AX1235-D16-C15-L145-Z02-H	●	16	2	15	145	30	10		3108-M3x6	
AEM90-AX1235-D16-C16-L100-Z02-H	●	16	2	16	100	30	10		1008-M3x6	
AEM90-AX1235-D16-C16-L140-Z02-H	●	16	2	16	140	30	10		3108-M3x6	
AEM90-AX1235-D16-C16-L145-Z02-H	●	16	2	16	145	30	10		1008-M3x6	
AEM90-AX1235-D16-C16-L150-Z02	●	16	2	16	150	30	10		3108-M3x6	
AEM90-AX1235-D20-C19-L150-Z02-H	●	20	2	19	150	40	10		1008-M3x6	
AEM90-AX1235-D20-C20-L110-Z03-H	●	20	3	20	110	40	10		3108-M3x6	
AEM90-AX1235-D20-C20-L150-Z02	●	20	2	20	150	40	10		1008-M3x6	
AEM90-AX1235-D20-C20-L150-Z02-H	●	20	2	20	150	40	10		3108-M3x6	
AEM90-AX1235-D20-C20-L150-Z03	●	20	3	20	150	40	10		1008-M3x6	
AEM90-AX1235-D25-C20-L120-Z04-H	●	25	4	20	120	30	10		3108-M3x6	
AEM90-AX1235-D25-C20-L150-Z04-H	●	25	4	20	150	30	10		1008-M3x6	
AEM90-AX1235-D25-C24-L170-Z02-H	●	25	2	24	170	50	10		3108-M3x6	
AEM90-AX1235-D25-C25-L120-Z04-H	●	25	4	25	120	40	10		1008-M3x6	
AEM90-AX1235-D25-C25-L150-Z03	●	25	3	25	150	50	10		3108-M3x6	
AEM90-AX1235-D25-C25-L170-Z02-H	●	25	2	25	170	50	10		1008-M3x6	
AEM90-AX1235-D25-W25-L100-Z04-H	●	25	4	25	100	30	10		3108-M3x6	
AEM90-AX1235-D32-C32-L130-Z05-H	●	32	5	32	130	40	10		1008-M3x6	
AEM90-AX1235-D32-C32-L180-Z02-H	●	32	2	32	180	50	10		3108-M3x6	
AEM90-AX1705-D25-C25-L150-Z02	●	25	2	25	150	50	14		4015-M4x9	80-T15
AEM90-AX1705-D28-W25-L115-Z02-H	●	28	2	25	115	35	14			
AEM90-AX1705-D32-C32-L150-Z03	●	32	3	32	150	50	14			
AEM90-AX1705-D32-C32-L180-Z02-H	●	32	2	32	180	50	14			



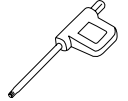
R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item  
SMTM Ucuna Uygundur. / Compatiple with SMTM Insert.

Sipariş Örneği/Ordering Example : 1 ad./pcs. AEM90-AX1235-D16-C14-L120-Z02-H  
Kesme Hesabı : S 271 / Cutting Calculation : P 271



90°

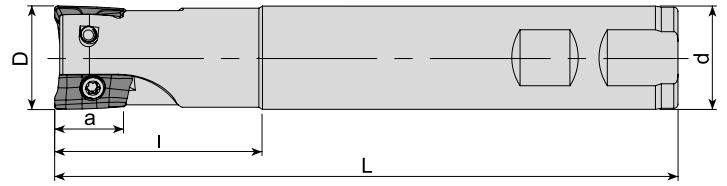




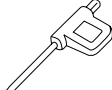

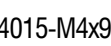
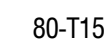
Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)						Kesici Uç Insert	Yedek Parçaları Spare Parts	
		D	Z	d	L	l	a		Sıkma Vidası Screw	Tork Anahtar Torx Key
AEM90-AZ11-D12-W16-L90-Z01	●	12	1	16	90	30	11			
AEM90-AZ11-D16-C16-L200-Z02	●	16	2	16	200	100	11			
AEM90-AZ11-D16-W15-L170-Z02	●	16	2	15	170	50	11			
AEM90-AZ11-D16-W16-L100-Z02	●	16	2	16	100	35	11			
AEM90-AZ11-D16-W16-L150-Z02	●	16	2	16	150	50	11			
AEM90-AZ11-D17-C16-L150-Z02	●	17	2	16	150	30	11			
AEM90-AZ11-D17-C16-L180-Z02	●	17	2	16	180	50	11			
AEM90-AZ11-D17-W16-L100-Z02	●	17	2	16	100	30	11			
AEM90-AZ11-D20-C20-L200-Z03	●	20	3	20	200	100	11			
AEM90-AZ11-D20-W19-L170-Z03	●	20	3	19	170	50	11			
AEM90-AZ11-D20-W20-L110-Z02	●	20	2	20	110	35	11			
AEM90-AZ11-D21-C20-L150-Z03	●	21	3	20	150	30	11			
AEM90-AZ11-D21-C20-L180-Z03	●	21	3	20	180	50	11			
AEM90-AZ11-D21-W20-L110-Z03	●	21	3	20	110	35	11			
AEM90-AZ11-D25-C24-L180-Z04	●	25	4	24	180	50	11			
AEM90-AZ11-D25-W25-L110-Z04	●	25	4	25	110	40	11			
AEM90-AZ11-D26-C25-L250-Z02	●	26	2	25	250	50	11			
AEM90-AZ11-D26-W25-L120-Z03	●	26	3	25	120	30	11			
AEM90-AZ11-D26-W25-L120-Z04	●	26	4	25	120	40	11			
AEM90-AZ11-D28-C25-L250-Z02	●	28	2	25	250	50	11			
AEM90-AZ11-D33-W32-L130-Z04	●	33	4	32	130	50	11			

R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item  
ZCC Ucuna Uygunudur. / Compatiple with ZCC Insert.

Sipariş Örneği/Ordering Example : 1 ad./pcs. AEM90-AZ11-D12-W16-L90-Z01  
Kesme Hesabı : S 271 / Cutting Calculation : P 271

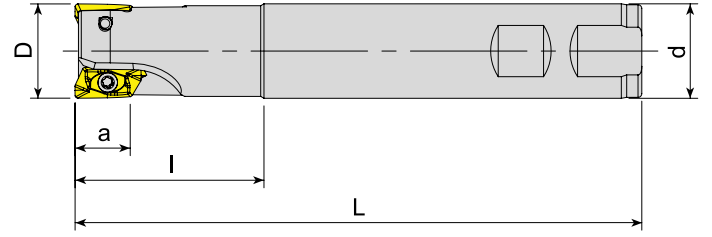




Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)						Kesici Uç Insert	Yedek Parçaları Spare Parts	
		D	Z	d	L	l	a		Sıkma Vidası Screw	Tork Anahtar Torx Key
AEM90-BD11T3-D16-W16-L100-Z02-H	●	16	2	16	100	30	10			
AEM90-BD11T3-D16-W16-L150-Z02	●	16	2	16	150	50	10			
AEM90-BD11T3-D17-W16-L150-Z02	●	17	2	16	150	50	10			
AEM90-BD11T3-D18-W16-L100-Z02-H	●	18	2	16	100	25	10			
AEM90-BD11T3-D20-W20-L100-Z03-H	●	20	3	20	100	30	10			
AEM90-BD11T3-D20-W20-L150-Z03	●	20	3	20	150	50	10			
AEM90-BD11T3-D21-W20-L150-Z03	●	21	3	20	150	50	10			
AEM90-BD11T3-D22-W20-L090-Z02-H	●	22	2	20	90	25	10			
AEM90-BD11T3-D25-W25-L100-Z03-H	●	25	3	25	100	30	10			
AEM90-BD11T3-D25-W25-L150-Z03	●	25	3	25	150	50	10			
AEM90-BD11T3-D26-W25-L150-Z03	●	26	3	25	150	50	10			
AEM90-BD11T3-D32-W32-L110-Z04-H	●	32	4	32	110	40	10			
AEM90-BD11T3-D32-W32-L150-Z04	●	32	4	32	150	50	10			
AEM90-BD11T3-D40-W32-L110-Z04-H	●	40	4	32	110	50	10			
AEM90-BD1704-D25-W25-L100-Z02-H	●	25	2	25	100	35	15.7			
AEM90-BD1704-D25-W25-L150-Z02	●	25	2	25	150	50	15.7			
AEM90-BD1704-D32-W32-L110-Z03-H	●	32	3	32	110	40	15.7			
AEM90-BD1704-D32-W32-L150-Z03	●	32	3	32	150	50	15.7			
AEM90-BD1704-D40-W32-L110-Z04-H	●	40	4	32	110	40	15.7			
AEM90-BD1704-D40-W32-L150-Z04	●	40	4	32	150	40	15.7			

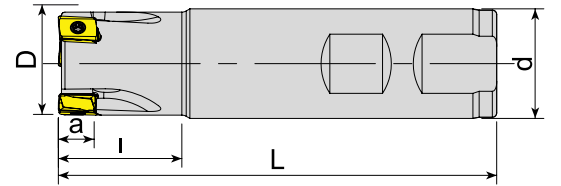
R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item  
KYCR Ucuna Uygunudur. / Compatible with KYCR Insert.

Sipariş Örneği/Ordering Example : 1 ad./pcs. AEM90-BD11T3-D16-W16-L100-Z02-H  
Kesme Hesabı : S 271 / Cutting Calculation : P 271



Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)						Kesici Uç Insert	Yedek Parçaları Spare Parts	
		D	Z	d	L	l	a		Sıkma Vidası Screw	Tork Anahtar Torx Key
AEM90-ED1404-D20-W20-L150-Z02	●	20	2	20	150	50	14.5	EDPT 1404..	1008-M3x6	80-T08
AEM90-ED1404-D25-W25-L150-Z02	●	25	2	25	150	50	14.5			
AEM90-ED1404-D30-C25-L150-Z03	●	30	3	25	150	50	14.5			

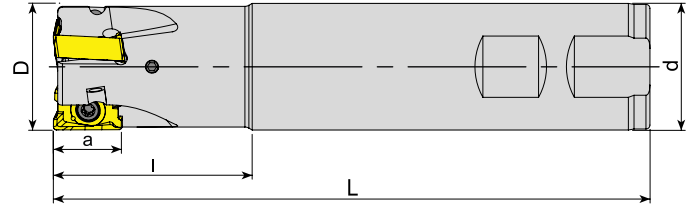
KNMNTL Ucuna Uygunudur. / Compatiple with KNMNTL Insert.



Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)						Kesici Uç Insert	Yedek Parçaları Spare Parts	
		D	Z	d	L	l	a		Sıkma Vidası Screw	Tork Anahtar Torx Key
AEM90-LN08-D16-W16-L100-Z02-H	●	16	2	16	100	28	8	LNMT 0804..	1707-U4-48x8.2	80-T07
AEM90-LN08-D20-W20-L100-Z03-H	●	20	3	20	100	28	8			
AEM90-LN08-D25-W25-L100-Z03-H	●	25	3	25	100	30	8			
AEM90-LN08-D32-W32-L110-Z05-H	●	32	5	32	110	30	8			

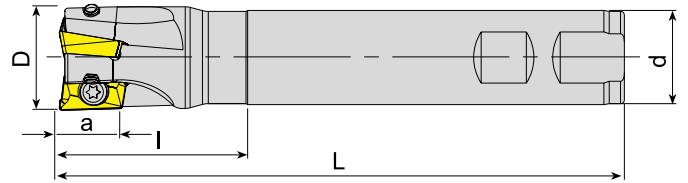
R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item  
ISCR Ucuna Uygunudur. / Compatiple with ISCR Insert.

Sipariş Örneği/Ordering Example : 1 ad./pcs. AEM90-ED1404-D20-W20-L150-Z02  
Kesme Hesabı : S 271 / Cutting Calculation : P 271



Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)						Kesici Uç Insert	Yedek Parçaları Spare Parts	
		D	Z	d	L	l	a		Sıkma Vidası Screw	Tork Anahtar Torx Key
AEM90-LN15T6-D25-W25-L150-Z02-H	●	25	2	25	150	50	15.5	LNGU 15T6..	4015-M4x12	80-T15
AEM90-LN15T6-D32-W32-L150-Z03-H	●	32	3	32	150	50	15.5			
AEM90-LN15T6-D40-W32-L150-Z03-H	●	40	3	32	150	40	15.5			

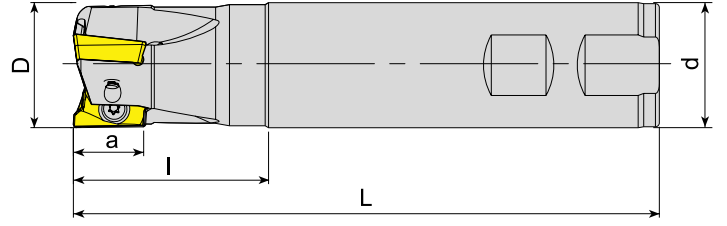
KNMTL Ucuna Uygundur. / Compatible with KNMTL Insert.



Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)						Kesici Uç Insert	Yedek Parçaları Spare Parts				
		D	Z	d	L	l	a		Sıkma Vidası Screw	Tork Anahtar Torx Key			
AEM90-R390.11-D16-W16-L100-Z02-H	●	16	2	16	100	30	10	R390-11T3..	3008-M2.5x6	80-T08			
AEM90-R390.11-D16-W16-L150-Z02	●	16	2	16	150	50	10						
AEM90-R390.11-D16-W16-L150-Z02-H	●	16	2	16	150	50	10						
AEM90-R390.11-D20-W20-L090-Z02-H	●	20	2	20	90	30	10						
AEM90-R390.11-D20-W20-L100-Z03-H	●	20	3	20	100	30	10						
AEM90-R390.11-D20-W20-L150-Z03	●	20	3	20	150	50	10						
AEM90-R390.11-D20-W20-L150-Z03-H	●	20	3	20	150	50	10						
AEM90-R390.11-D20-C20-L150-Z03	●	20	3	20	150	30	10						
AEM90-R390.11-D22-W20-L090-Z02-H	●	22	2	20	90	30	10						
AEM90-R390.11-D25-C20-L150-Z03	●	25	3	20	150	40	10						
AEM90-R390.11-D25-W25-L100-Z03-H	●	25	3	25	100	30	10						
AEM90-R390.11-D25-W25-L150-Z03	●	25	3	25	150	50	10						
AEM90-R390.11-D25-W25-L150-Z03-H	●	25	3	25	150	50	10						
AEM90-R390.11-D30-W25-L150-Z04-H	●	30	4	25	150	30	10						
AEM90-R390.11-D32-C25-L200-Z03	●	32	3	25	200	40	10						
AEM90-R390.11-D32-W32-L150-Z05-H	●	32	5	32	150	50	10						
AEM90-R390.17-D25-W25-L150-Z02	●	25	2	25	150	50	15.4				R390-1704..	4015-M3.5x8	80-T15
AEM90-R390.17-D25-W25-L150-Z02-H	●	25	2	25	150	50	15.4						
AEM90-R390.17-D30-W25-L150-Z03	●	30	3	25	150	40	15.4						
AEM90-R390.17-D30-W25-L150-Z03-H	●	30	3	25	150	40	15.4						
AEM90-R390.18-D32-C32-L150-Z03	●	32	3	32	150	45	15.4	R390-1806..	4015-M4x11				

R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item  
SNDVK Ucuna Uygundur. / Compatible with SNDVK Insert.

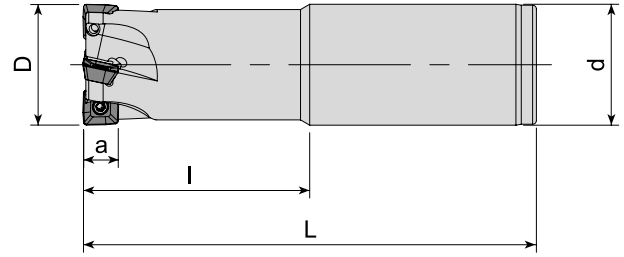
Sipariş Örneği/Ordering Example : 1 ad./pcs. AEM90-LN15T6-D25-W25-L150-Z02-H  
Kesme Hesabı : S 271 / Cutting Calculation : P 271



Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)						Kesici Uç Insert	Yedek Parçaları Spare Parts				
		D	Z	d	L	l	a		Sıkma Vidası Screw	Tork Anahtar Torx Key			
AEM90-RT07-D10-W10-L120-Z02	●	10	2	10	120	30	7	RT 0702	3006-M2x4	80-T06			
AEM90-RT07-D12-C12-L120-Z02	●	12	2	12	120	30	7						
AEM90-RT07-D12-W12-L120-Z02	●	12	2	12	120	30	7						
AEM90-RT07-D14-W12-L120-Z02	●	14	2	12	120	30	7						
AEM90-RT10-D16-C15-L160-Z02	●	16	2	15	160	30	10	RT 1003	3008-M2.5x6	80-T08			
AEM90-RT10-D16-W16-L120-Z02-H	●	16	2	16	120	30	10						
AEM90-RT10-D16-W16-L150-Z02	●	16	2	16	150	50	10						
AEM90-RT10-D16-C16-L200-Z02	●	16	2	16	200	100	10						
AEM90-RT10-D17-W16-L160-Z02	●	17	2	16	160	30	10						
AEM90-RT10-D17-C16-L200-Z02	●	17	2	16	200	30	10						
AEM90-RT10-D18-W16-L120-Z02-H	●	18	2	16	120	30	10						
AEM90-RT10-D20-C19-L200-Z03	●	20	3	19	200	30	10						
AEM90-RT10-D20-W20-L120-Z03-H	●	20	3	20	120	30	10						
AEM90-RT10-D20-W20-L150-Z03	●	20	3	20	150	50	10						
AEM90-RT10-D20-C20-L200-Z03	●	20	3	20	200	100	10						
AEM90-RT10-D21-W20-L200-Z03	●	21	3	20	200	30	10						
AEM90-RT10-D22-W20-L120-Z03-H	●	22	3	20	120	30	10						
AEM90-RT10-D22-C20-L150-Z03	●	22	3	20	150	30	10						
AEM90-RT10-D22-C20-L200-Z03	●	22	3	20	200	30	10						
AEM90-RT10-D25-W25-L120-Z04-H	●	25	4	25	120	40	10						
AEM90-RT10-D25-W25-L150-Z04	●	25	4	25	150	50	10						
AEM90-RT10-D25-C25-L200-Z04	●	25	4	25	200	100	10						
AEM90-RT10-D26-C25-L250-Z04	●	26	4	25	250	32	10						
AEM90-RT10-D32-W32-L120-Z05-H	●	32	5	32	120	50	10						
AEM90-RT10-D32-W32-L150-Z05	●	32	5	32	150	50	10						
AEM90-RT10-D32-C32-L200-Z05	●	32	5	32	200	100	10						
AEM90-RT10-D33-C32-L250-Z04	●	33	4	32	250	32	10						
AEM90-RT13-D32-C32-L250-Z04	●	32	4	32	250	50	13	RT 1304	1008-M3x8				
AEM90-RT16-D25-W25-L120-Z02-H	●	25	2	25	120	40	16	RT 1606	4015-M4x9	80-T15			
AEM90-RT16-D25-W25-L150-Z02	●	25	2	25	150	50	16						
AEM90-RT16-D25-C25-L200-Z02	●	25	2	25	200	100	16						
AEM90-RT16-D32-W32-L120-Z03-H	●	32	3	32	120	50	16						
AEM90-RT16-D32-W32-L150-Z03	●	32	3	32	150	50	16						
AEM90-RT16-D32-C32-L200-Z03	●	32	3	32	200	100	16						
AEM90-RT16-D32-C32-L250-Z03	●	32	3	32	250	100	16						
AEM90-RT16-D32-C32-L270-Z03	●	32	3	32	270	100	16						
AEM90-RT16-D40-W32-L120-Z04-H	●	40	4	32	120	50	16						
AEM90-RT16-D40-W32-L150-Z04	●	40	4	32	150	50	16						
AEM90-RT16-D40-C32-L200-Z04	●	40	4	32	200	100	16						
												4015-M4x11	

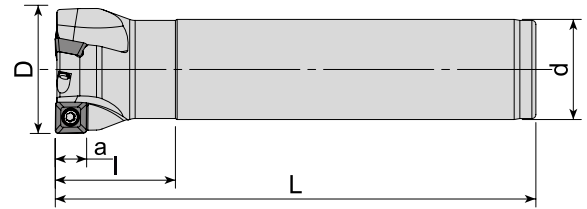
R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item  
SFTY Ucuna Uygunudur. / Compatible with SFTY Insert.

Sipariş Örneği/Ordering Example : 1 ad./pcs. AEM90-RT07-D10-W10-L120-Z02  
Kesme Hesabı : S 271 / Cutting Calculation : P 271



Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)						Kesici Uç Insert	Yedek Parçaları Spare Parts	
		D	Z	d	L	l	a		Sıkma Vidası Screw	Tork Anahtar Torx Key
AEM90-SE09-D25-C25-L120-Z03-H	●	25	3	25	120	60	6.7	SEET 09T3..	1008-M3x8	80-T08
AEM90-SE09-D25-C25-L150-Z02	●	25	2	25	150	50	6.7			
AEM90-SE09-D32-C32-L120-Z04-H	●	32	4	32	120	60	6.7			
AEM90-SE09-D32-C32-L150-Z03	●	32	3	32	150	50	6.7			

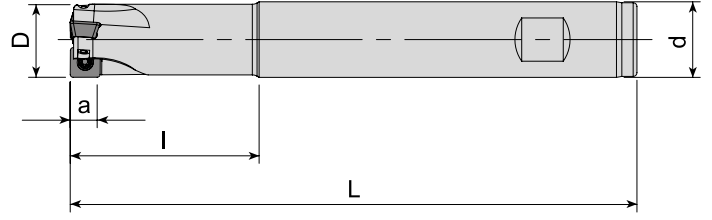
ZCC Ucuna Uygundur. / Compatible with ZCC Insert.



Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)						Kesici Uç Insert	Yedek Parçaları Spare Parts	
		D	Z	d	L	l	a		Sıkma Vidası Screw	Tork Anahtar Torx Key
AEM90-S00803-D20-C16-L110-Z02-H	●	20	2	16	110	25	7	SOMT 0803..	3008-M3x7	80-T08
AEM90-S00803-D25-C20-L110-Z02-H	●	25	2	20	110	25	7			
AEM90-S00803-D32-C25-L120-Z03-H	●	32	3	25	120	30	7			

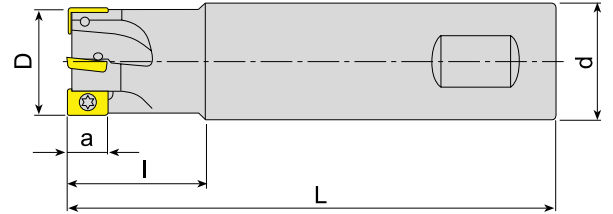
R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item  
SMTM Ucuna Uygundur. / Compatible with SMTM Insert.

Sipariş Örneği/Ordering Example : 1 ad./pcs. AEM90-SE09-D25-C25-L120-Z03-H  
Kesme Hesabı : S 271 / Cutting Calculation : P 271



Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)						Yedek Parçaları Spare Parts		
		D	Z	d	L	l	a	Kesici Uç Insert	Sıkma Vidası Screw	Tork Anahtar Torx Key
AEM90-SPGT0602-D16-W16-L150-Z02	●	16	2	16	150	50	5.5		3007-M2.2x5	80-T07
AEM90-SPGT07T3-D20-W20-L150-Z03	●	20	3	20	150	50	7		3008-M2.5x6	80-T08
AEM90-SPGT07T3-D25-W25-L150-Z03	●	25	3	25	150	50	7		3008-M2.5x6	80-T08
AEM90-SPGT0904-D30-W32-L150-Z03	●	30	3	32	150	50	9		4015-M3.5x9	80-T15

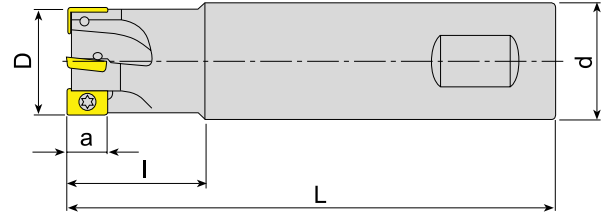
ZCC Ucuna Uygunudur. / Compatible with ZCC Insert.



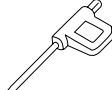


Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)						Yedek Parçaları Spare Parts		
		D	Z	d	L	l	a	Kesici Uç Insert	Sıkma Vidası Screw	Tork Anahtar Torx Key
AEM90-XC13-D20-W20-L150-Z02	●	20	2	20	150	60	13		1008-M3x6	80-T08
AEM90-XC13-D25-W25-L150-Z03	●	25	3	25	150	60	13		1008-M3x8	
AEM90-XC13-D32-W32-L150-Z04	●	32	4	32	150	60	13		1008-M3x8	

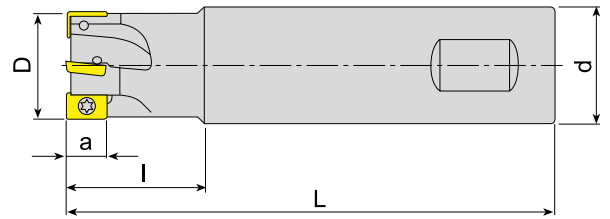
R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item  
SC Ucuna Uygunudur. / Compatible with SC Insert.









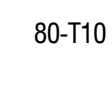
Sipariş Örneği/Ordering Example : 1 ad./pcs. AEM90-SPGT0602-D16-W16-L150-Z02  
Kesme Hesabı : S 271 / Cutting Calculation : P 271



Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)						Kesici Uç Insert	Yedek Parçaları Spare Parts	
		D	Z	d	L	l	a		Sıkma Vidası Screw	Tork Anahtar Torx Key
AEM90-XD11T3-D16-W16-L150-Z02	●	16	2	16	150	30	10			
AEM90-XD11T3-D17-C16-L150-Z02	●	17	2	16	150	30	10			
AEM90-XD11T3-D20-W20-L150-Z03	●	20	3	20	150	50	10			
AEM90-XD11T3-D21-C20-L150-Z03	●	21	3	20	150	30	10			
AEM90-XD11T3-D25-W25-L150-Z04	●	25	4	25	150	50	10			
AEM90-XD11T3-D32-W32-L150-Z04	●	32	4	32	150	50	10			

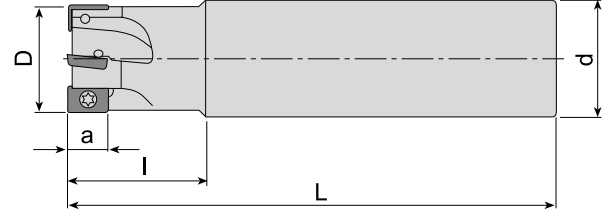
CRTZT Ucuna Uygun. / Compatiple with CRTZT Insert.



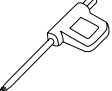


Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)						Kesici Uç Insert	Yedek Parçaları Spare Parts	
		D	Z	d	L	l	a		Sıkma Vidası Screw	Tork Anahtar Torx Key
AEM90-X006-D10-C12-L120-Z02	●	10	2	12	120	50	5			
AEM90-X006-D12-C12-L120-Z02	●	12	2	12	120	25	5			
AEM90-X009-D16-W16-L150-Z02	●	16	2	16	150	50	8			
AEM90-X009-D20-W20-L150-Z03	●	20	3	20	150	50	8			
AEM90-X012-D20-W20-L150-Z02	●	20	2	20	150	50	11			
AEM90-X012-D20-C20-L200-Z02	●	20	2	20	200	100	11			
AEM90-X012-D22-W20-L150-Z02	●	22	2	20	150	30	11			
AEM90-X012-D25-W25-L150-Z03	●	25	3	25	150	50	11			
AEM90-X012-D25-C25-L200-Z03	●	25	3	25	200	100	11			
AEM90-X012-D32-C25-L150-Z04	●	32	4	25	150	40	11			
AEM90-X012-D32-W32-L150-Z04	●	32	4	32	150	50	11			
AEM90-X012-D32-C32-L250-Z04	●	32	4	32	250	100	11			

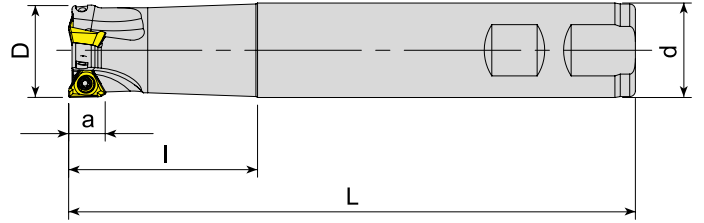
R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item  
SC Ucuna Uygun. / Compatiple with SC Insert.



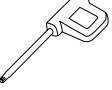


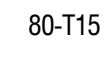
Sipariş Örneği/Ordering Example : 1 ad./pcs. AEM90-XD11T3-D16-W16-L150-Z02  
Kesme Hesabı : S 271 / Cutting Calculation : P 271



Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)						Kesici Uç Insert	Yedek Parçaları Spare Parts	
		D	Z	d	L	l	a		Sıkma Vidası Screw	Tork Anahtar Torx Key
AEM90-ZC1003-D16-C14-L150-Z02	●	16	2	14	150	25	9			
AEM90-ZC1003-D16-C14-L200-Z02	●	16	2	14	200	25	9			
AEM90-ZC1003-D16-C15-L150-Z02	●	16	2	15	150	25	9			
AEM90-ZC1003-D16-C16-L150-Z02	●	16	2	16	150	25	9			
AEM90-ZC1003-D17-C16-L150-Z02	●	17	2	16	150	25	9			
AEM90-ZC1003-D17-C16-L200-Z02	●	17	2	16	200	25	9			
AEM90-ZC1003-D20-C18-L150-Z03	●	20	3	18	150	25	9			
AEM90-ZC1003-D20-C18-L200-Z02	●	20	2	18	200	25	9			
AEM90-ZC1003-D20-C20-L150-Z03	●	20	3	20	150	40	9			
AEM90-ZC1003-D20-C18-L200-Z03	●	20	3	18	200	25	9			
AEM90-ZC1003-D21-C20-L150-Z03	●	21	3	20	150	30	9			
AEM90-ZC1003-D21-C20-L200-Z03	●	21	3	20	200	30	9			
AEM90-ZC1003-D25-C20-L150-Z03	●	25	3	20	150	30	9			
AEM90-ZC1003-D25-C20-L200-Z03	●	25	3	20	200	30	9			
AEM90-ZC1003-D25-C25-L150-Z03	●	25	3	25	150	40	9			
AEM90-ZC1003-D26-C25-L170-Z03	●	26	3	25	170	25	9			
AEM90-ZC1003-D26-C25-L200-Z03	●	26	3	25	200	25	9			
AEM90-ZC1003-D32-C25-L180-Z04	●	32	4	25	180	30	9			
AEM90-ZC1003-D33-C32-L200-Z04	●	33	4	32	200	25	9			

DJT Ucuna Uygundur. / Compatible with DJT Insert.

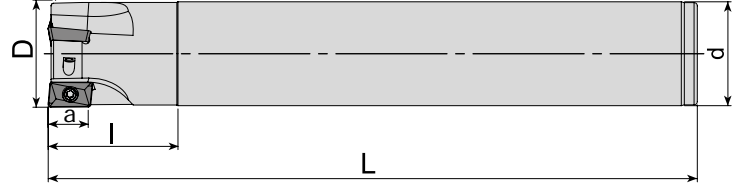





Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)						Kesici Uç Insert	Yedek Parçaları Spare Parts	
		D	Z	d	L	l	a		Sıkma Vidası Screw	Tork Anahtar Torx Key
AEM90-3P1004-D20-W20-L150-Z02	●	20	2	20	150	40	7			
AEM90-3P1004-D25-W25-L150-Z03	●	25	3	25	150	40	7			
AEM90-3P1505-D32-W32-L150-Z03	●	32	3	32	150	50	11			
AEM90-3P1505-D40-W32-L150-Z04	●	40	4	32	150	35	11			

R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item  
TGTC Ucuna Uygundur. / Compatible with TGTC Insert.

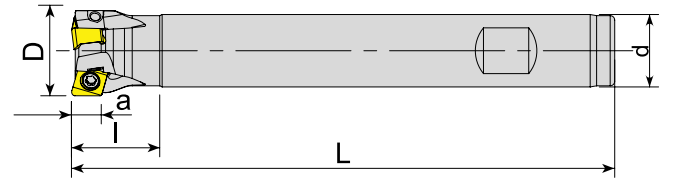
Sipariş Örneği/Ordering Example : 1 ad./pcs. AEM90-ZC1003-D16-C14-L150-Z02  
Kesme Hesabı : S 271 / Cutting Calculation : P 271



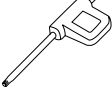




Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)						Kesici Uç Insert	Yedek Parçaları Spare Parts	
		D	Z	d	L	l	a		Sıkma Vidası Screw	Tork Anahtar Torx Key
AEM90-ZP13T3-D26-C25-L200-Z02	●	26	2	25	200	35	13			
AEM90-ZP13T3-D26-C25-L200-Z03	●	26	3	25	200	35	13			
AEM90-ZP13T3-D26-C25-L250-Z02	●	26	2	25	250	35	13			
AEM90-ZP13T3-D33-C32-L200-Z03	●	33	3	32	200	40	13			
AEM90-ZP13T3-D33-C32-L250-Z03	●	33	3	32	250	40	13			

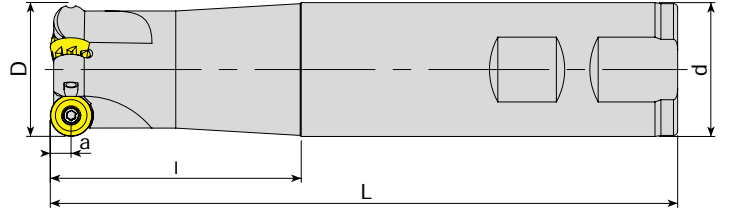
DJT Ucuna Uygundur. / Compatiple with DJT Insert.



Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)						Kesici Uç Insert	Yedek Parçaları Spare Parts	
		D	Z	d	L	l	a		Sıkma Vidası Screw	Tork Anahtar Torx Key
AEM90-4N06-D16-W16-L120-Z02-H	●	16	2	16	120	25	6			
AEM90-4N06-D16-W16-L160-Z02	●	16	2	16	160	25	6			
AEM90-4N06-D20-W16-L120-Z03-H	●	20	3	16	120	20	6			
AEM90-4N06-D20-W16-L160-Z03	●	20	3	16	160	20	6			

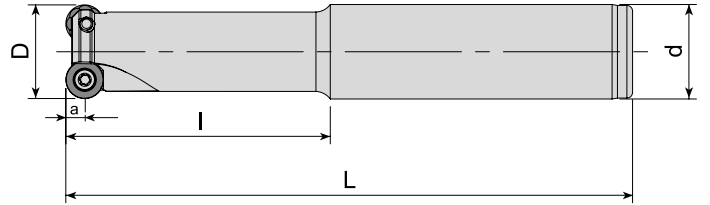
R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item  
TGTC Ucuna Uygundur. / Compatiple with TGTC Insert.

Sipariş Örneği/Ordering Example : 1 ad./pcs. AEM90-ZP13T3-D26-C25-L200-Z02  
Kesme Hesabı : S 271 / Cutting Calculation : P 271



Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)						Kesici Uç Insert	Yedek Parçaları Spare Parts			
		D	Z	d	L	l	a		Sıkma Vidası Screw	Baskı Parçası Wedge Clamp	Baskı Vidası Clamp Screw	Tork Anahtar Torx Key
AEMR-RP10T3-D25-W25-L150-Z02	●	25	2	25	150	60	5	RPNX 10T3..	4010-M3x8	-	-	80-T10
AEMR-RP10T3-D32-W32-L150-Z03	●	32	3	32	150	60	5					

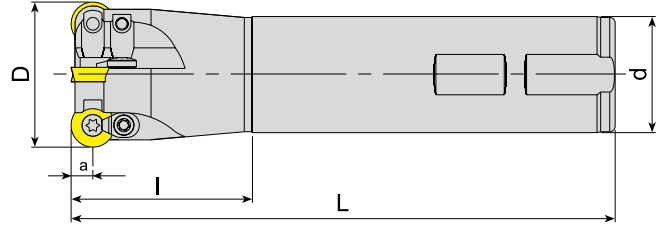
CRTZT Ucuna Uygundur. / Compatible with CRTZT Insert.



Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)						Kesici Uç Insert	Yedek Parçaları Spare Parts			
		D	Z	d	L	l	a		Sıkma Vidası Screw	Baskı Parçası Wedge Clamp	Baskı Vidası Clamp Screw	Tork Anahtar Torx Key
AEMR-QP10T3-D20-C20-L150-Z01-H	●	20	1	20	150	70	5	QP.. 10T3..	4015-M3.5x9	-	-	80-T15
AEMR-QP10T3-D25-C25-L120-Z02-H	●	25	2	25	120	40	5					
AEMR-QP10T3-D25-C25-L150-Z02-H	●	25	2	25	150	70	5					
AEMR-QP10T3-D25-C25-L170-Z02	●	25	2	25	170	90	5					
AEMR-QP10T3-D32-C32-L150-Z03-H	●	32	3	32	150	70	5					
AEMR-QP10T3-D32-C32-L170-Z03	●	32	3	32	170	90	5					
AEMR-QP1204-D25-C25-L150-Z02-H	●	25	2	25	150	70	6	QP.. 1204..	1515-M4x9	-	-	

R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item  
SMTM Ucuna Uygundur. / Compatible with SMTM Insert.

Sipariş Örneği/Ordering Example : 1 ad./pcs. AEMR-RP10T3-D25-W25-L150-Z02  
Kesme Hesabı : S 271 / Cutting Calculation : P 271

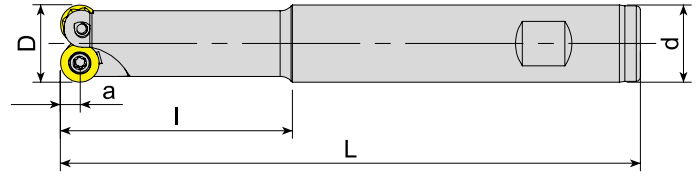




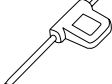
Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)					Kesici Uç Insert	Yedek Parçaları Spare Parts				
		D	Z	d	L	l		a	Sıkma Vidası Screw	Baskı Parçası Wedge Clamp	Baskı Vidası Clamp Screw	Tork Anahtar Torx Key
AEMR-RD0501-D08-W10-L100-Z01-H	●	8	1	10	100	20	2.5	RD.. 0501	3006-M2x3.6 3006-M2x4			80-T06
AEMR-RD0501-D10-W12-L100-Z02-H	●	10	2	12	100	20	2.5					
AEMR-RD0501-D12-W12-L120-Z02-H	●	12	2	12	120	20	2.5					
AEMR-RD0803-D16-W16-L150-Z02	●	16	2	16	150	60	4	RD.. 0803	1008-M3x6	-	-	80-T08
AEMR-RD08T2-D16-W16-L150-Z02	●	16	2	16	150	60	4	RD.. 08T2	3008-M2.5x6			
AEMR-RD08T2-D20-W20-L150-Z02	●	20	2	20	150	60	4					
AEMRC-RD1003-D20-W20-L150-Z02	●	20	2	20	150	60	5	RD.. 1003	4015-M3.5x9	ACK-15	1015-M3.5x11	80-T15
AEMRC-RD1003-D20-C20-L160-Z02	●	20	2	20	160	70	5					
AEMRC-RD1003-D20-C20-L250-Z02	●	20	2	20	250	150	5					
AEMRC-RD1003-D21-C20-L160-Z02	●	21	2	20	160	70	5					
AEMRC-RD1003-D25-W25-L150-Z02	●	25	2	25	150	60	5					
AEMRC-RD1003-D25-C25-L160-Z02	●	25	2	25	160	70	5					
AEMRC-RD1003-D25-W25-L200-Z02	●	25	2	25	200	100	5					
AEMRC-RD1003-D25-C25-L200-Z02	●	25	2	25	200	100	5					
AEMRC-RD1003-D25-C25-L250-Z02	●	25	2	25	250	150	5					
AEMRC-RD1003-D26-C25-L160-Z02	●	26	2	25	160	70	5					
AEMRC-RD1003-D32-W32-L150-Z03	●	32	3	32	150	60	5					
AEMRC-RD1003-D32-C32-L250-Z02	●	32	2	32	250	150	5					
AEMRC-RD1003-D33-C32-L160-Z03	●	33	3	32	160	70	5					
AEMRC-RD1003-D40-W32-L150-Z04	●	40	4	32	150	35	5					
AEMRC-RD1003-D40-C32-L250-Z02	●	40	2	32	250	35	5					
AEMRC-RD10T3-D20-W20-L150-Z02	●	20	2	20	150	60	5	RD.. 10T3				
AEMRC-RD10T3-D25-W25-L150-Z02	●	25	2	25	150	60	5					
AEMRC-RD10T3-D32-W32-L150-Z03	●	32	3	32	150	60	5					
AEMRC-RD1204-D32-C32-L160-Z03	●	32	3	32	160	70	6	RD.. 1204				
AEMRC-RD1204-D32-W32-L160-Z03	●	32	3	32	160	50	6					
AEMRC-RD1204-D33-C32-L160-Z03	●	33	3	32	160	70	6					
AEMRC-RD12T3-D25-W25-L150-Z02	●	25	2	25	150	60	6	RD.. 12T3				
AEMRC-RD12T3-D25-W25-L200-Z02	●	25	2	25	200	100	6					
AEMRC-RD12T3-D25-C25-L250-Z02	●	25	2	25	250	150	6					
AEMRC-RD12T3-D32-W32-L150-Z03	●	32	3	32	150	60	6					
AEMRC-RD12T3-D32-C32-L250-Z02	●	32	2	32	250	150	6					
AEMRC-RD12T3-D40-W32-L150-Z04	●	40	4	32	150	50	6					
AEMRC-RD12T3-D40-C32-L250-Z02	●	40	2	32	250	50	6					
AEMRC-RD1604-D40-W32-L150-Z02	●	40	2	32	150	35	8	RD.. 1604	1515-M4.5x11	ACK-05	1515-M4x11	

R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item  
ISO Ucuna Uygundur. / Compatible with ISO Insert.

Sipariş Örneği/Ordering Example : 1 ad./pcs. AEMR-RD0501-D08-W10-L100-Z01-H  
Kesme Hesabı : S 271 / Cutting Calculation : P 271

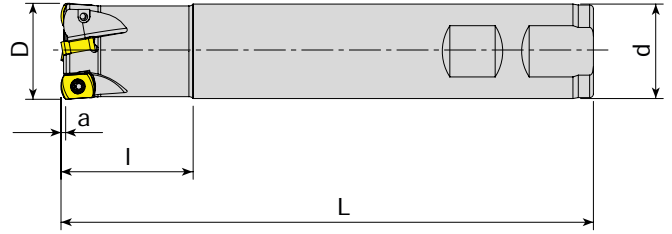
➤ S-SİSTEM YÜZEY ve KOPYA PARMAK FREZELER  
S-SYSTEM FACE and COPY END MILLS



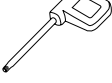


Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)						Kesici Uç Insert	Yedek Parçaları Spare Parts	
		D	Z	d	L	l	a		Sıkma Vidası Screw	Tork Anahtar Torx Key
AEMR-RY08-D16-W16-L150-Z02	●	16	2	16	150	55	4			
AEMR-RY10-D20-W20-L150-Z02	●	20	2	20	150	60	5	Rymx 1004..	4015-M3.5x8	80-T15
AEMR-RY10-D20-C20-L200-Z02	●	20	2	20	200	100	5			
AEMR-RY10-D25-W25-L150-Z02	●	25	2	25	150	60	5			

TGTC Ucuna Uygundur. / Compatiple with TGTC Insert.

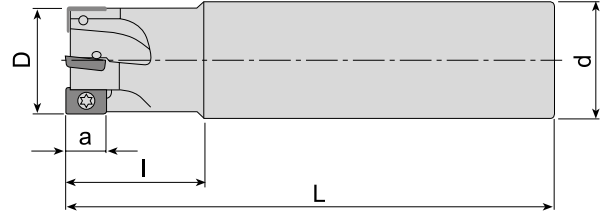
➤ S-SİSTEM HIZLI İLERLEMELİ PARMAK FREZELER  
S-SYSTEM HIGHFEED END MILLS



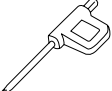


Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)						Kesici Uç Insert	Yedek Parçaları Spare Parts	
		D	Z	d	L	l	a		Sıkma Vidası Screw	Tork Anahtar Torx Key
AHFM-BL0603-D17-W16-L170-Z02	●	17	2	16	170	20	1			
AHFM-BL0603-D18-W16-L150-Z02-H	●	18	2	16	150	20	1			
AHFM-BL0603-D21-W20-L200-Z03	●	21	3	20	200	25	1			
AHFM-BL0603-D26-W25-L200-Z04	●	26	4	25	200	35	1			

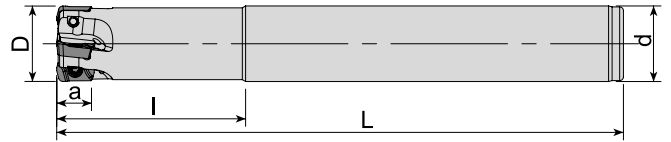
R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item  
TGTC Ucuna Uygundur. / Compatiple with TGTC Insert.




S parış Örneği/Ordering Example : 1 ad./pcs. AEMR-RY08-D16-W16-L150-Z02  
Kesme Hesabı : S 271 / Cutting Calculation : P 271



Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)						Kesici Uç Insert	Yedek Parçaları Spare Parts	
		D	Z	d	L	l	a		Sıkma Vidası Screw	Tork Anahtar Torx Key
AHFM-E00602-D10-C10-L080-Z02	●	10	2	10	80	20	-	 <b>EO.. 0602..</b> <b>ZOMT 0602..</b>	 3006-M1.8x4	 80-T06
AHFM-E00602-D10-C09-L120-Z02	●	10	2	9	120	15	-			
AHFM-E00602-D10-C10-L120-Z02	●	10	2	10	120	60	-			
AHFM-E00602-D12-C12-L080-Z02	●	12	2	12	80	20	-			
AHFM-E00602-D12-C12-L080-Z03	●	12	3	12	80	20	-			
AHFM-E00602-D12-C11-L120-Z02	●	12	2	11	120	15	-			
AHFM-E00602-D12-C11-L120-Z03	●	12	3	11	120	15	-			
AHFM-E00602-D12-C12-L120-Z02	●	12	2	12	120	60	-			
AHFM-E00602-D12-C12-L120-Z03	●	12	3	12	120	60	-			
AHFM-E00602-D16-C16-L150-Z04	●	16	4	16	150	60	-			

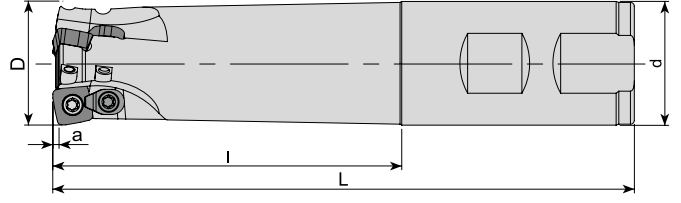
DJT Ucuna Uygundur. / Compatiple with DJT Insert.



Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)						Kesici Uç Insert	Yedek Parçaları Spare Parts	
		D	Z	d	L	l	a		Sıkma Vidası Screw	Tork Anahtar Torx Key
AHFM-EP1003-D16-C16-L150-Z02-H	●	16	2	16	150	50	1	 <b>EP.. 1003..</b> <b>ZPMT 1003..</b> <b>YPHW 1003..</b>	 3008-M2.5x5.5	 80-T08
AHFM-EP1003-D17-C16-L150-Z02-H	●	17	2	16	150	20	1			
AHFM-EP1003-D20-C20-L150-Z04-H	●	20	4	20	150	50	1			
AHFM-EP1003-D21-C20-L150-Z04-H	●	21	4	20	150	20	1			

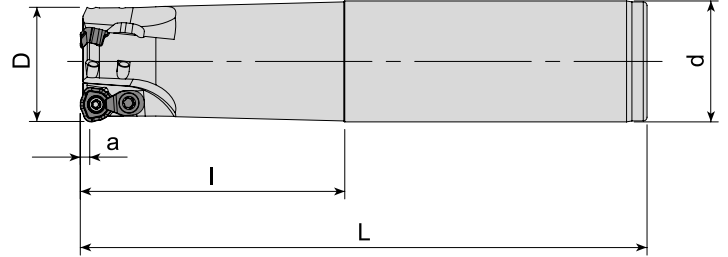
R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item  
DJT Ucuna Uygundur. / Compatiple with DJT Insert.

Sipariş Örneği/Ordering Example : 1 ad./pcs. AHFM-E00602-D10-C10-L080-Z02  
Kesme Hesabı : S 271 / Cutting Calculation : P 271



Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)						Kesici Uç Insert	Yedek Parçaları Spare Parts			
		D	Z	d	L	l	a		Sıkma Vidası Screw	Baskı Parçası Wedge Clamp	Baskı Vidası Clamp Screw	Tork Anahtar Torx Key
AHFMC-SD09T3-D25-C25-L150-Z02	●	25	2	25	150	100	1.4	SD.. 09T3..		ACK-15	1015-M3.5x11	80-T15
AHFMC-SD09T3-D25-W25-L150-Z02	●	25	2	25	150	100	1.4					
AHFMC-SD09T3-D32-C32-L150-Z03	●	32	3	32	150	100	1.4					
AHFMC-SD09T3-D32-W32-L150-Z03	●	32	3	32	150	100	1.4					

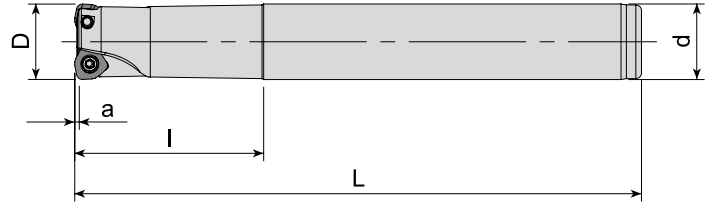
ZCC Ucuna Uygunudur. / Compatible with ZCC Insert.



Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)						Kesici Uç Insert	Yedek Parçaları Spare Parts			
		D	Z	d	L	l	a		Sıkma Vidası Screw	Baskı Parçası Wedge Clamp	Baskı Vidası Clamp Screw	Tork Anahtar Torx Key
AHFM-WD0603-D16-C16-L150-Z02	●	16	2	16	150	70	2	WDMT 0603..	3008-M2.5x6	-	-	80-T08
AHFM-WD0603-D20-C20-L150-Z03	●	20	3	20	150	70	2					
AHFMC-WD0804-D25-C25-L150-Z02	●	25	2	25	150	70	2.5	WDMT 0804..	4010-M3x8	ACK-15	4010-M3x8	80-T10
AHFMC-WD0804-D32-C32-L150-Z03	●	32	3	32	150	70	2.5					
AHFMC-WD1205-D32-C32-L150-Z02	●	32	2	32	150	70	3	WDMT 1205..	1415-M4x11	ACK-05	1515-M4x11	80-T15

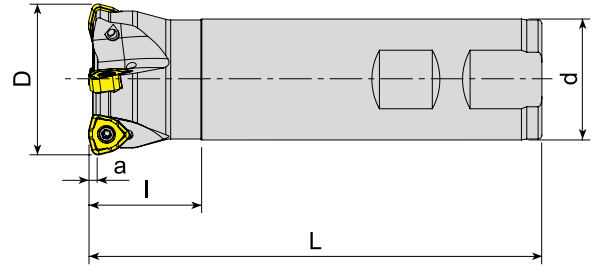
R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item  
SMTM Ucuna Uygunudur. / Compatible with SMTM Insert.

Sipariş Örneği/Ordering Example : 1 ad./pcs. AHFMC-SD09T3-D25-C25-L150-Z02  
Kesme Hesabı : S 271 / Cutting Calculation : P 271



Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)						Kesici Uç Insert	Yedek Parçaları Spare Parts			
		D	Z	d	L	l	a		Sıkma Vidası Screw	Baskı Parçası Wedge Clamp	Baskı Vidası Clamp Screw	Tork Anahtar Torx Key
AHFM-WD0503D-D20-C20-L150-Z02	●	20	2	20	150	50	1.25	WD.W 0503..	4010-M3x6	-	-	80-T10
AHFM-WD0503D-D21-C20-L150-Z02	●	21	2	20	150	30	1.25					
AHFMC-WD06T3D-D26-C25-L200-Z02	●	26	2	25	200	30	1.5	WD.W 06T3..	3015-M3.5x9	ACK-15	1015-M3.5x11	80-T15
AHFMC-WD06T3D-D33-C32-L200-Z03	●	33	3	32	200	32	1.5					

DJT Ucuna Uygundur. / Compatible with DJT Insert.

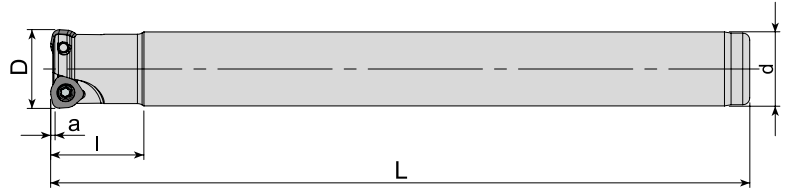


Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)						Kesici Uç Insert	Yedek Parçaları Spare Parts	
		D	Z	d	L	l	a		Sıkma Vidası Screw	Tork Anahtar Torx Key
AHFM-WN09T3-D25-W25-L120-Z02-H	●	25	2	25	120	40	1.5	WNMX 09T3..	4010-M3x8	80-T10
AHFML-WN09T3-D25-W25-L120-Z02-H	●	25	2	25	120	40	1.5			
AHFM-WN09T3-D25-C25-L200-Z02	●	25	2	25	200	120	1.5			
AHFM-WN09T3-D32-W32-L120-Z03-H	●	32	3	32	120	30	1.5			
AHFM-WN09T3-D40-W32-L120-Z04-H	●	40	4	32	120	30	1.5			
AHFM-WN09T3-D40-C32-L200-Z04	●	40	4	32	200	30	1.5			

R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item  
KRLY Ucuna Uygundur. / Compatible with KRLY Insert.

Sipariş Örneği/Ordering Example : 1 ad./pcs. AHFM-WD0503D-D20-C20-L150-Z02  
Kesme Hesabı : S 271 / Cutting Calculation : P 271

> S-SİSTEM HIZLI İLERLEMELİ PARMAK FREZELER  
S-SYSTEM HIGHFEED END MILLS



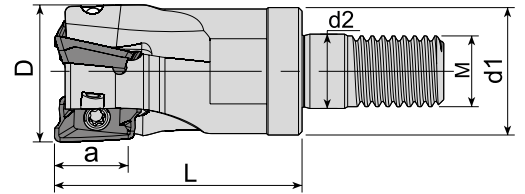
Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)						Kesici Uç Insert	Yedek Parçaları Spare Parts	
		D	Z	d	L	l	a		Sıkma Vidası Screw	Tork Anahtar Torx Key
AHFM-W004T2D-D16-C16-L150-Z02	●	16	2	16	150	20	0.8	WOMW 04T2..	3008-M2.5x6	80-T08
AHFM-W004T2D-D17-C16-L150-Z02	●	17	2	16	150	20	0.8			

DJT Ucuna Uygunur. / Compatiple with DJT Insert.

> S-SİSTEM MODÜLER PARMAK FREZELER  
S-SYSTEM MODULAR END MILLS (SCREW TYPE TOOLS)



90°

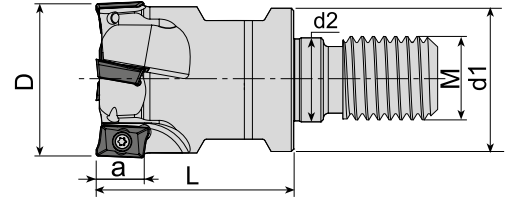


Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)							Kesici Uç Insert	Yedek Parçaları Spare Parts	
		D	Z	d1	M	L	d2	a		Sıkma Vidası Screw	Tork Anahtar Torx Key
AEM90-A01236-D16-M08-L30-Z02	●	16	2	14.8	M08	30	8.5	12	AO.. 1236..	3008-M2.5x6	80-T08
AEM90-A01236-D20-M10-L35-Z03	●	20	3	18	M10	35	10.5	12			

R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item  
MTSBH Ucuna Uygunur. / Compatiple with MTSBH Insert.

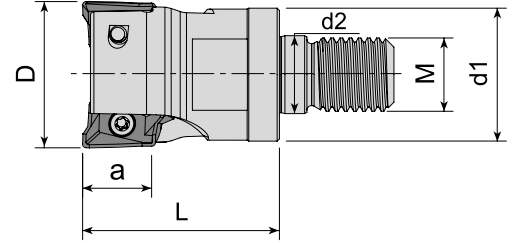
Sipariş Örneği/Ordering Example : 1 ad./pcs. AHFM-W004T2D-D16-C16-L150-Z02  
Kesme Hesabı : S 271 / Cutting Calculation : P 271  
Sıkma Tork Değeri : S 271 / Tightening Torque : P 271





Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)							Kesici Uç Insert	Yedek Parçaları Spare Parts	
		D	Z	d1	M	L	d2	a		Sıkma Vidası Screw	Tork Anahtar Torx Key
AEM90-AD1505D-D25-M12-L43-Z02-H	●	25	2	21	M12	43	12.5	14.3	ADKT 150508	1515-M4x9	80-T15
AEM90-AD1505D-D32-M16-L43-Z03-H	●	32	3	29	M16	43	17	14.3		1515-M4x11	

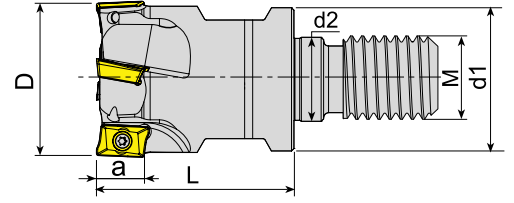
DJT Ucuna Uygundur. / Compatible with DJT Insert.



Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)							Kesici Uç Insert	Yedek Parçaları Spare Parts	
		D	Z	d1	M	L	d2	a		Sıkma Vidası Screw	Tork Anahtar Torx Key
AEM90-AX1235-D16-M08-L30-Z02-H	●	16	2	14.75	M08	30	8.5	10	AX.T 1235..	1008-M3x6	80-T08
AEM90-AX1235-D20-M10-L30-Z03-H	●	20	3	18	M10	30	10.5	10			
AEM90-AX1235-D25-M12-L35-Z04-H	●	25	4	21	M12	35	12.5	10	AX.T 1705..	1515-M4x9	80-T15
AEM90-AX1705-D25-M12-L43-Z02-H	●	25	2	21	M12	43	12.5	14			
AEM90-AX1705-D32-M16-L43-Z02-H	●	32	2	29	M16	43	17	14			

R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item  
SMTM Ucuna Uygundur. / Compatible with SMTM Insert.

Sipariş Örneği/Ordering Example : 1 ad./pcs. AEM90-AD1505D-D25-M12-L43-Z02-H  
Kesme Hesabı : S 271 / Cutting Calculation : P 271  
Sıkma Tork Değeri : S 271 / Tightening Torque : P 271



Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)							Kesici Uç Insert	Yedek Parçaları Spare Parts	
		D	Z	d1	M	L	d2	a		Sıkma Vidası Screw	Tork Anahtar Torx Key
AEM90-AP10-D16-M08-L30-Z02-H	●	16	2	14.75	M08	30	8.5	10	AP.. 1003.. ISO UCUNA UYGUNDUR. FOR ISO INSERT.	3008-M2.5x6	80-T08
AEM90-AP10-D20-M10-L30-Z03-H	●	20	3	18	M10	30	10.5	10			
AEM90-AP10-D25-M12-L35-Z03-H	●	25	3	21	M12	35	12.5	10			
AEM90-AP10-D32-M16-L35-Z04-H	●	32	4	29	M16	35	17	10			
AEM90-AP10-D40-M16-L43-Z05-H	●	40	5	29	M16	43	17	10			
AEM90-AP10-D42-M16-L43-Z05-H	●	42	5	29	M16	43	17	10			
AEM90-AP10D-D16-M08-L30-Z02-H	●	16	2	14.75	M08	30	8.5	10	AP.. 1003.. DJT UCUNA UYGUNDUR. FOR DJT INSERT.	3008-M2.5x6	80-T08
AEM90-AP10D-D20-M10-L30-Z03-H	●	20	3	18	M10	30	10.5	10			
AEM90-AP10D-D25-M12-L35-Z03-H	●	25	3	21	M12	35	12.5	10			
AEM90-AP11-D16-M08-L30-Z02-H	●	16	2	14.75	M08	30	8.5	11	AP.. 11T3.. ZCC UCUNA UYGUNDUR. FOR ZCC INSERT.	1515-M4x9	80-T15
AEM90-AP11-D20-M10-L30-Z03-H	●	20	3	18	M10	30	10.5	11			
AEM90-AP11-D25-M12-L35-Z03-H	●	25	3	21	M12	35	12.5	11			
AEM90-AP11-D32-M16-L35-Z04-H	●	32	4	29	M16	35	17	11			
AEM90-AP11-D40-M16-L43-Z05-H	●	40	5	29	M16	43	17	11	AP.. 1604.. ISO UCUNA UYGUNDUR. FOR ISO INSERT.	1515-M4x9	80-T15
AEM90-AP16-D25-M12-L43-Z02-H	●	25	2	21	M12	43	12.5	16			
AEM90-AP16-D32-M16-L43-Z03-H	●	32	3	29	M16	43	17	16			
AEM90-AP16-D40-M16-L43-Z04-H	●	40	4	29	M16	43	17	16			
AEM90-AP16-D42-M16-L43-Z04	●	42	4	29	M16	43	17	16			
AEM90-AP16D-D25-M12-L43-Z02-H	●	25	2	21	M12	43	12.5	16			
AEM90-AP16D-D32-M16-L43-Z03-H	●	32	3	29	M16	43	17	16	AP.. 1604.. DJT UCUNA UYGUNDUR. FOR DJT INSERT.	1515-M4x9	80-T15
AEM90-AP16D-D40-M16-L43-Z04-H	●	40	4	29	M16	43	17	16			
AEM90-AP16L-D25-M12-L43-Z02-H	●	25	2	21	M12	43	12.5	16			
AEM90-AP16L-D32-M16-L43-Z03-H	●	32	3	29	M16	43	17	16	AP.. 1604.. LMN UCUNA UYGUNDUR. FOR LMN INSERT.	1515-M4x9	80-T15
AEM90-AP16L-D40-M16-L43-Z04-H	●	40	4	29	M16	43	17	16			

R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item

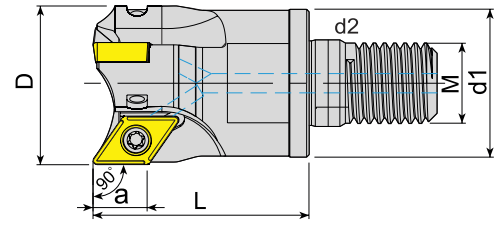
Sipariş Örneği/Ordering Example : 1 ad./pcs. AEM90-AP10-D16-M08-L30-Z02-H

Kesme Hesabı : S 271 / Cutting Calculation : P 271

Sıkma Tork Değeri : S 271 / Tightening Torque : P 271



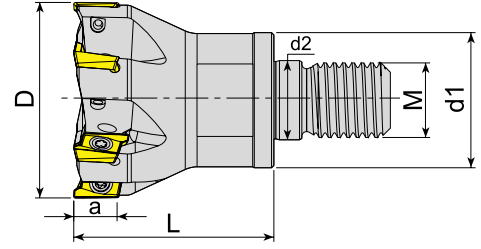
90°



Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)							Kesici Uç Insert	Yedek Parçaları Spare Parts	
		D	Z	d1	M	L	d2	a		Sıkma Vidası Screw	Tork Anahtar Torx Key
AEM90-DC07-D20-M10-L30-Z02-H	●	20	2	18	M10	30	10.5	7	DC.T 0702.	4008-M2.5x6	80-T08
AEM90-DC07-D25-M12-L35-Z03-H	●	25	3	21	M12	35	12.5	7			
AEM90-DC07-D32-M16-L43-Z04-H	●	32	4	29	M16	43	17	7			
AEM90-DC07-D40-M16-L43-Z05-H	●	40	5	29	M16	43	17	7			
AEM90-DC11-D32-M16-L43-Z03-H-F	●	32	3	29	M16	43	17	11	DC.T 11T3..	4015-M3.5x9	80-T15
AEM90-DC11-D40-M16-L43-Z03-H-F	●	40	3	29	M16	43	17	11			

F: Çap toleransı +, - 0,02 mm içerisinde anlamına gelmektedir. / F: Diameter tolerance is between +, - 0,02 mm.  
ISO Ucuna Uygunudur. / Compatible with ISO Insert.

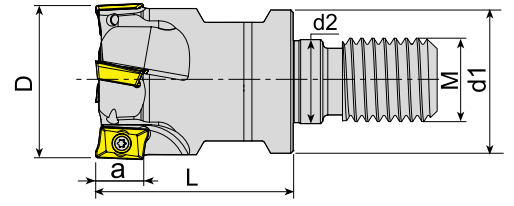
90°



Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)							Kesici Uç Insert	Yedek Parçaları Spare Parts	
		D	Z	d1	M	L	d2	a		Sıkma Vidası Screw	Tork Anahtar Torx Key
AEM90-RT10-D16-M08-L20-Z02-H	●	16	2	14.75	M08	20	8.5	10	RT 1003..	3008-M2.5x6	80-T08
AEM90-RT10-D20-M10-L25-Z03-H	●	20	3	18	M10	25	10.5	10			
AEM90-RT10-D25-M12-L30-Z04-H	●	25	4	21	M12	30	12.5	10			
AEM90-RT10-D32-M16-L43-Z05-H	●	32	5	29	M16	43	17	10			
AEM90-RT10-D42-M16-L43-Z06-H	●	42	6	29	M16	43	17	10			

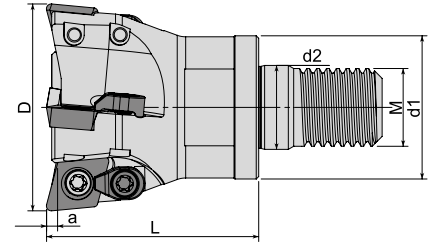
R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item  
SFTY Ucuna Uygunudur. / Compatible with SFTY Insert.

Sipariş Örneği/Ordering Example : 1 ad./pcs. AEM90-DC07-D20-M10-L30-Z02-H  
Kesme Hesabı : S 271 / Cutting Calculation : P 271  
Sıkma Tork Değeri : S 271 / Tightening Torque : P 271



Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)							Kesici Uç Insert	Yedek Parçaları Spare Parts		
		D	Z	d1	M	L	d2	a		Sıkma Vidası Screw	Tork Anahtar Torx Key	
AEM90-R390.11-D16-M08-L30-Z02-H	●	16	2	14.75	M08	30	8.5	10				
AEM90-R390.11-D20-M10-L30-Z03-H	●	20	3	18	M10	30	10.5	10				
AEM90-R390.11-D25-M12-L35-Z03-H	●	25	3	21	M12	35	12.5	10				
AEM90-R390.11-D32-M16-L43-Z04-H	●	32	4	29	M16	43	17	10				

SNDVK Ucuna Uygun. / Compatible with SNDVK Insert.

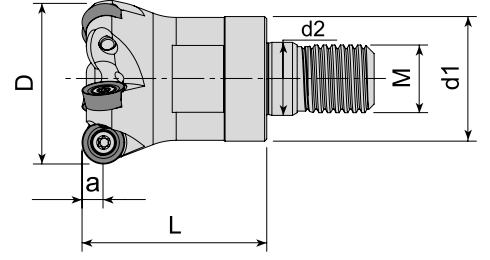


Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)							Kesici Uç Insert	Yedek Parçaları Spare Parts			
		D	Z	d1	M	L	d2	a		Sıkma Vidası Screw	Baskı Parçası Wedge Clamp	Baskı Vidası Clamp Screw	Tork Anahtar Torx Key
AEM95-XD0206-D16-M08-L23-Z02-H	●	16	2	14.75	8	23	8.5	1					
AEM95-XD0206-D16-M08-L23-Z02-H-F	●	16	2	14.75	8	23	8.5	1					
AEM95-XD0206-D20-M10-L30-Z03-H	●	20	3	18	10	30	10.5	1					
AEM95-XD0206-D20-M10-L30-Z03-H-F	●	20	3	18	10	30	10.5	1					
AEM95-XD0206-D25-M12-L35-Z03-H	●	25	3	21	12	35	12.5	1	3008-M2.5x6				
AEM95-XD0206-D25-M12-L35-Z03-H-F	●	25	3	21	12	35	12.5	1					
AEM95C-XD0310-D35-M16-L43-Z03-H	●	35	3	29	16	43	17	1.5					
AEM95C-XD0310-D35-M16-L43-Z03-H-F	●	35	3	29	16	43	17	1.5					
AEM95C-XD0310-D42-M16-L43-Z04-H	●	42	4	29	16	43	17	1.5					
AEM95C-XD0310-D42-M16-L43-Z04-H-F	●	42	4	29	16	43	17	1.5					

R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item  
DJT Ucuna Uygun. / Compatible with DJT Insert.

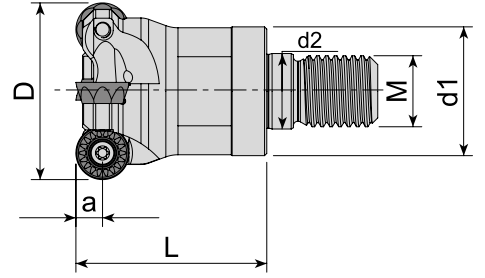
F: Çap toleransı +/- 0,02 mm içerisinde anlamına gelmektedir. / F: Diameter tolerance is between +/- 0,02 mm.

Sipariş Örneği/Ordering Example : 1 ad./pcs. AEM90-R390.11-D16-M08-L30-Z02-H  
Kesme Hesabı : S 271 / Cutting Calculation : P 271  
Sıkma Tork Değeri : S 271 / Tightening Torque : P 271



Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)							Kesici Uç Insert	Yedek Parçaları Spare Parts	
		D	Z	d1	M	L	d2	a		Sıkma Vidası Screw	Tork Anahtar Torx Key
AEMR-RC10T3-D25-M12-L35-Z03-H	●	25	3	21	M12	35	12.5	5	RC.. 10T3..	1515-M4x9	80-T15
AEMR-RC10T3-D32-M16-L43-Z04-H	●	32	4	29	M16	43	17	5			
AEMR-RC10T3-D40-M16-L43-Z05-H	●	40	5	29	M16	43	17	5			

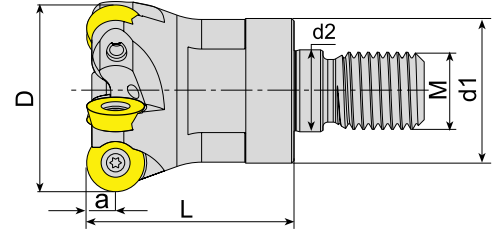
ZCC Ucuna Uygunudur. / Compatible with ZCC Insert.



Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)							Kesici Uç Insert	Yedek Parçaları Spare Parts	
		D	Z	d1	M	L	d2	a		Sıkma Vidası Screw	Tork Anahtar Torx Key
AEMR-RP08T2M-D20-M10-L30-Z02-H	●	20	2	18	M10	30	10.5	4	RPMT 08T2..	3008-M2.5x6	80-T08
AEMR-RP10T3M-D25-M12-L35-Z02-H	●	25	2	21	M12	35	12.5	5	RPMT 10T3..	4015-M3.5x9	80-T15
AEMR-RP10T3M-D32-M16-L43-Z03-H	●	32	3	29	M16	43	17	5			
AEMR-RP1204M-D32-M16-L43-Z03-H	●	32	3	29	M16	43	17	6	RPMT 1204..	4015-M4x9	80-T15
AEMR-RP1204M-D40-M16-L43-Z04-H	●	40	4	29	M16	43	17	6			

R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item  
MTSBH Ucuna Uygunudur. / Compatible with MTSBH Insert.

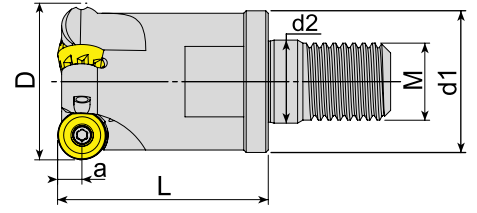
Sipariş Örneği/Ordering Example : 1 ad./pcs. AEMR-RC10T3-D25-M12-L35-Z03-H  
Kesme Hesabı : S 271 / Cutting Calculation : P 271  
Sıkma Tork Değeri : S 271 / Tightening Torque : P 271



Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)							Kesici Uç Insert	Yedek Parçaları Spare Parts	
		D	Z	d1	M	L	d2	a		Sıkma Vidası Screw	Tork Anahtar Torx Key
AEMR-RD0702-D15-M08-L23-Z02-H	●	15	2	13	M08	23	8.5	3.5	RD.. 0702	3008-M2.5x6	80-T08
AEMR-RD0702-D16-M08-L23-Z02-H	●	16	2	13	M08	23	8.5	3.5			
AEMR-RD0702-D20-M10-L30-Z04-H	●	20	4	18	M10	30	10.5	3.5			
AEMR-RD0702-D25-M12-L35-Z05-H	●	25	5	21	M12	35	12.5	3.5			
AEMR-RD0702-D30-M16-L42-Z05-H	●	30	5	29	M16	42	17	3.5			
AEMR-RD0702-D32-M16-L43-Z05-H	●	32	5	29	M16	43	17	3.5			
AEMR-RD0702-D35-M16-L42-Z06-H	●	35	6	29	M16	42	17	3.5			
AEMR-RD0702-D42-M16-L43-Z05-H	●	42	5	29	M16	43	17	3.5			
AEMR-RD0702-D42-M16-L43-Z07-H	●	42	7	29	M16	43	17	3.5			
AEMR-RD08T2-D16-M08-L23-Z02-H	●	16	2	13	M08	23	8.5	4	RD.. 08T2	3008-M2.5x6	80-T08
AEMR-RD08T2-D20-M10-L30-Z03-H	●	20	3	18	M10	30	10.5	4			
AEMR-RD08T2-D25-M12-L35-Z04-H	●	25	4	21	M12	35	12.5	4			
AEMR-RD0803-D16-M08-L23-Z02-H	●	16	2	13	M08	23	8.5	4	RD.. 0803	1008-M3x6	80-T08
AEMR-RD0803-D20-M10-L30-Z03-H	●	20	3	18	M10	30	10.5	4		1008-M3x8	
AEMR-RD0803-D25-M12-L35-Z04-H	●	25	4	21	M12	35	12.5	4			
AEMR-RD1003-D20-M10-L30-Z02-H	●	20	2	18	M10	30	10.5	5	RD.. 1003	4015-M3.5x9	80-T15
AEMR-RD1003-D25-M12-L35-Z02-H	●	25	2	21	M12	35	12.5	5			
AEMR-RD1003-D25-M12-L35-Z03-H	●	25	3	21	M12	35	12.5	5			
AEMR-RD1003-D30-M16-L43-Z04-H	●	30	4	29	M16	43	17	5			
AEMR-RD1003-D32-M16-L43-Z04-H	●	32	4	29	M16	43	17	5			
AEMR-RD1003-D35-M16-L43-Z04-H	●	35	4	29	M16	43	17	5			
AEMR-RD1003-D40-M16-L43-Z05-H	●	40	5	29	M16	43	17	5			
AEMR-RD1003-D42-M16-L43-Z05-H	●	42	5	29	M16	43	17	5			
AEMR-RD12T3-D24-M12-L35-Z02-H	●	24	2	21	M12	35	12.5	6			
AEMR-RD12T3-D25-M12-L35-Z02-H	●	25	2	21	M12	35	12.5	6			
AEMR-RD12T3-D32-M16-L43-Z03-H	●	32	3	29	M16	43	17	6			
AEMR-RD12T3-D35-M16-L43-Z03-H	●	35	3	29	M16	43	17	6			
AEMR-RD12T3-D35-M16-L43-Z04-H	●	35	4	29	M16	43	17	6			
AEMR-RD12T3-D40-M16-L43-Z04-H	●	40	4	29	M16	43	17	6			
AEMR-RD12T3-D42-M16-L43-Z05-H	●	42	5	29	M16	43	17	6			
AEMR-RD1204-D32-M16-L43-Z03-H	●	32	3	29	M16	43	17	6	RD.. 1204	4015-M3.5x9	80-T15
AEMR-RD1204-D42-M16-L43-Z04-H	●	42	4	29	M16	43	17	6			
AEMR-RD1604-D32-M16-L43-Z02-H	●	32	2	29	M16	43	17	8	RD.. 1604	1515-M4.5X11	80-T15
AEMR-RD1604-D40-M16-L43-Z02-H	●	40	2	29	M16	43	17	8			
AEMR-RD1604-D42-M16-L43-Z03-H	●	42	3	29	M16	43	17	8			

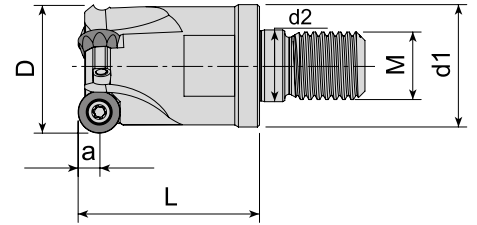
R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item  
ISO Ucuna Uygundur. / Compatible with ISO Insert.

Sipariş Örneği/Ordering Example : 1 ad./pcs. AEMR-RD0702-D15-M08-L23-Z02-H  
Kesme Hesabı : S 271 / Cutting Calculation : P 271  
Sıkma Tork Değeri : S 271 / Tightening Torque : P 271



Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)							Kesici Uç Insert	Yedek Parçaları Spare Parts	
		D	Z	d1	M	L	d2	a		Sıkma Vidası Screw	Tork Anahtar Torx Key
AEMR-RP10T3-D25-M12-L35-Z02-H	●	25	2	21	12	35	12.5	5	RPNX 10T3..	4010-M3x8	80-T10
AEMR-RP10T3-D32-M16-L43-Z03-H	●	32	3	29	16	43	17	5			

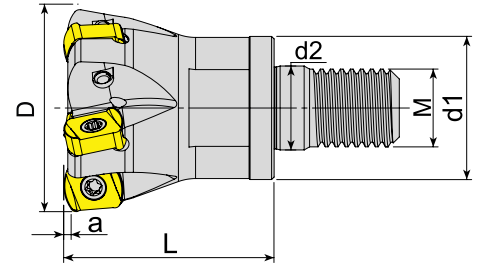
CRTZT Ucuna Uygunur. / Compatible with CRTZT Insert.



Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)							Kesici Uç Insert	Yedek Parçaları Spare Parts	
		D	Z	d1	M	L	d2	a		Sıkma Vidası Screw	Tork Anahtar Torx Key
AEMR-QP10T3-D25-M12-L35-Z02-H	●	25	2	21	M12	35	12.5	5	QP.. 10T3..	4015-M3.5x9	80-T15
AEMR-QP10T3-D32-M16-L43-Z03-H	●	32	3	29	M16	43	17	5			

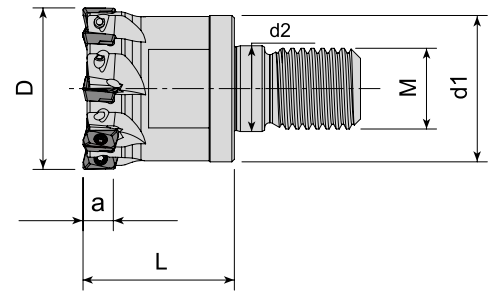
R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item  
SMTM Ucuna Uygunur. / Compatible with SMTM Insert.

Sipariş Örneği/Ordering Example : 1 ad./pcs. AEMR-RP10T3-D25-M12-L35-Z02-H  
Kesme Hesabı : S 271 / Cutting Calculation : P 271  
Sıkma Tork Değeri : S 271 / Tightening Torque : P 271



Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)							Kesici Uç Insert	Yedek Parçaları Spare Parts	
		D	Z	d1	M	L	d2	a		Sıkma Vidası Screw	Tork Anahtar Torx Key
AHFM-BL0603-D32-M16-L40-Z05-H	●	32	5	29	M16	40	17	1		3008-M2.5x6	80-T08
AHFM-BL0904-D42-M16-L43-Z05-H	●	42	5	29	M16	43	17	2		1510-M3.5x9	80-T10

TGTC Ucuna Uygundur. / Compatiple with TGTC Insert.

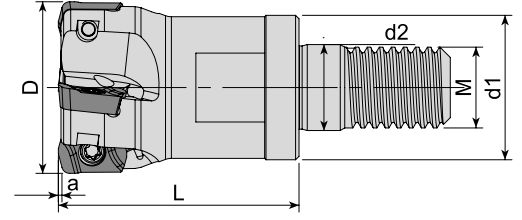



Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)							Kesici Uç Insert	Yedek Parçaları Spare Parts	
		D	Z	d1	M	L	d2	a		Sıkma Vidası Screw	Tork Anahtar Torx Key
AHFM-ED0702-D12-M06-L20-Z03	●	12	3	10	M06	20	6.5	6		3006-M1.8x4	80-T06
AHFM-ED0702-D16-M08-L25-Z04-H	●	16	4	14.75	M08	25	8.5	6			
AHFM-ED0702-D20-M10-L30-Z05-H	●	20	5	18	M10	30	10.5	6			
AHFM-ED0702-D25-M12-L30-Z06-H	●	25	6	21	M12	30	12.5	6			
AHFM-ED0702-D32-M16-L30-Z08-H	●	32	8	29	M16	30	17	6			

R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item  
HTCH Ucuna Uygundur. / Compatiple with HTCH Insert.

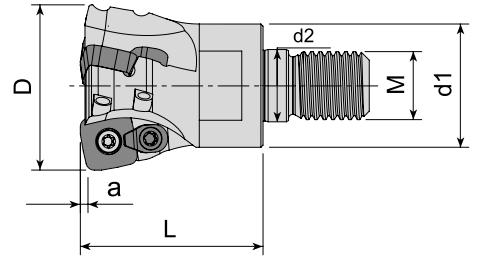
Sipariş Örneği/Ordering Example : 1 ad./pcs. AHFM-BL0603-D32-M16-L40-Z05-H  
Kesme Hesabı : S 271 / Cutting Calculation : P 271  
Sıkma Tork Değeri : S 271 / Tightening Torque : P 271






Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)							Kesici Uç Insert	Yedek Parçaları Spare Parts		
		D	Z	d1	M	L	d2	a		Sıkma Vidası Screw	Tork Anahtar Torx Key	
AHFM-EP1003-D16-M08-L23-Z02-H	●	16	2	14.75	8	23	8.5	1	 EP.. 1003.. ZPMT 1003.. YPHW 1003..	3008-M2.5x5.5	80-T08	
AHFM-EP1003-D20-M10-L30-Z04-H	●	20	4	18	10	30	10.5	1				
AHFM-EP1003-D25-M12-L35-Z04-H	●	25	4	21	12	35	12.5	1				
AHFM-EP1003-D32-M16-L43-Z05-H	●	32	5	29	16	43	17	1				
AHFM-EP1003-D35-M16-L43-Z05-H	●	35	5	29	16	43	17	1				
AHFM-EP1003-D42-M16-L43-Z06-H	●	42	6	29	16	43	17	1		3008-M2.5x6		

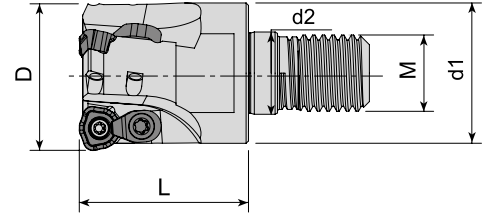
DJT Ucuna Uygunudur. / Compatible with DJT Insert.



Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)							Kesici Uç Insert	Yedek Parçaları Spare Parts			
		D	Z	d1	M	L	d2	a		Sıkma Vidası Screw	Baskı Parçası Wedge Clamp	Baskı Vidası Clamp Screw	Tork Anahtar Torx Key
AHFMC-SD09T3-D22-M12-L30-Z02-H	○	22	2	21	M12	30	12.5	1.4	 SD.. 09T3..	3015-M3.5x9	ACK-15	1015-M3.5x11	80-T15
AHFMC-SD09T3-D25-M12-L30-Z02-H	●	25	2	22	M12	30	12.5	1.4					
AHFMC-SD09T3-D32-M16-L43-Z03-H	●	32	3	29	M16	43	17	1.4					
AHFMC-SD09T3-D35-M16-L43-Z03-H	●	35	3	29	M16	43	17	1.4					
AHFMC-SD09T3-D40-M16-L43-Z04-H	●	40	4	29	M16	43	17	1.4					
AHFMC-SD1204-D32-M16-L43-Z02-H	●	32	2	29	M16	43	17	1.8		1515-M4x9			
AHFMC-SD1204-D40-M16-L43-Z03-H	●	40	3	29	M16	43	17	1.8					

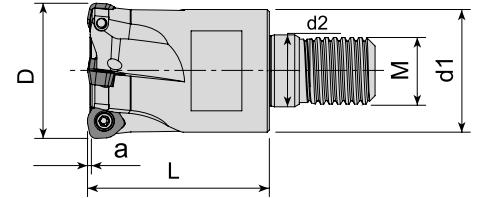
R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item  
ZCC Ucuna Uygunudur. / Compatible with ZCC Insert.

Sipariş Örneği/Ordering Example : 1 ad./pcs. AHFM-EP1003-D16-M08-L23-Z02-H  
Kesme Hesabı : S 271 / Cutting Calculation : P 271



Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)							Kesici Uç Insert	Yedek Parçaları Spare Parts			
		D	Z	d1	M	L	d2	a		Sıkma Vidası Screw	Baskı Parçası Wedge Clamp	Baskı Vidası Clamp Screw	Tork Anahtar Torx Key
AHFMC-WD0804-D25-M12-L35-Z02-H	●	25	2	21	M12	35	12.5	-	WDMT 0804..	4010-M3x8	ACK-15	4010-M3x8	80-T10
AHFMC-WD0804-D32-M16-L35-Z03-H	●	32	3	29	M16	35	17	-					

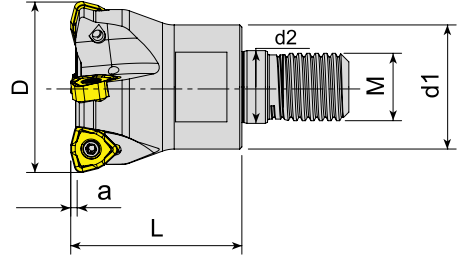
SMTM Ucuna Uygun. / Compatible with SMTM Insert.



Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)							Kesici Uç Insert	Yedek Parçaları Spare Parts			
		D	Z	d1	M	L	d2	a		Sıkma Vidası Screw	Baskı Parçası Wedge Clamp	Baskı Vidası Clamp Screw	Tork Anahtar Torx Key
AHFM-WD0503D-D20-M10-L30-Z02-H	●	20	2	18	M10	30	10.5	1.25	WDMT 0503..	4010-M3x6	-	-	80-T10
AHFM-WD0503D-D25-M12-L35-Z03-H	●	25	3	21	M12	35	12.5	1.25		4010-M3x8			
AHFM-WD0503D-D32-M16-L43-Z04-H	●	32	4	29	M16	43	17	1.25					
AHFM-WD0503D-D40-M16-L43-Z05-H	●	40	5	29	M16	43	17	1.25					
AHFMC-WD06T3D-D35-M16-L43-Z03-H	●	35	3	29	M16	43	17	1.5	WDHW 06T3..	3015-M3.5x9	ACK-15	1015-M3.5x11	80-T15
AHFMC-WD0805D-D32-M16-L43-Z02-H	●	32	2	29	M16	43	17	2	WDHW 0805..	4020-M4.5x10	ACK-19	4020-M4.5x12	

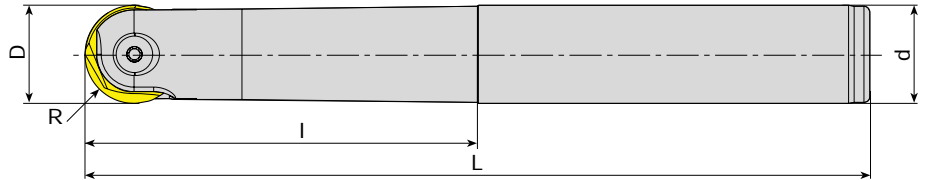
R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item  
DJT Ucuna Uygun. / Compatible with DJT Insert.

Sipariş Örneği/Ordering Example : 1 ad./pcs. AHFMC-WD0804-D25-M12-L35-Z02-H  
Kesme Hesabı : S 271 / Cutting Calculation : P 271  
Sıkma Tork Değeri : S 271 / Tightening Torque : P 271



Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)							Kesici Uç Insert	Yedek Parçaları Spare Parts	
		D	Z	d1	M	L	d2	a		Sıkma Vidası Screw	Tork Anahtar Torx Key
AHFM-WN09T3-D32-M16-L40-Z03-H	●	32	3	29	M16	40	17	1.5			
AHFM-WN09T3-D40-M16-L40-Z04-H	●	40	4	29	M16	40	17	1.5			

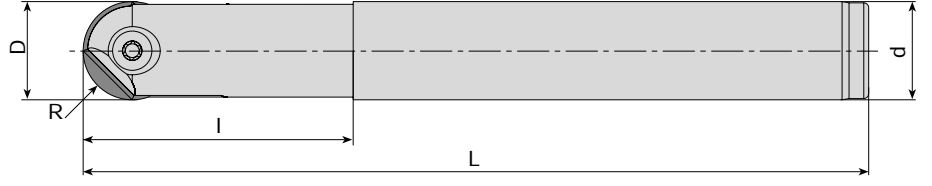
KRLY Ucuna Uygundur. / Compatible with KRLY Insert.



Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)					Kesici Uç Insert	Yedek Parçaları Spare Parts	
		D	R	d	L	l		Sıkma Vidası Screw	Anahtar Key
APMR-P3208-D08-C10-L110	●	8	4	10	110	25			
APMR-P3210-D10-C10-L130	●	10	5	10	130	30			
APMR-P3210-D10-C12-L130	●	10	5	12	130	30			
APMR-P3212-D12-C12-L130	●	12	6	12	130	32			
APMR-P3216-D16-C16-L175	●	16	8	16	175	60			
APMR-P3220-D20-C20-L200	●	20	10	20	200	100			
APMR-P3225-D25-C25-L200	●	25	12.5	25	200	100			
APMR-P3232-D32-C32-L200	●	32	16	32	200	100			

R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item  
WLTR Ucuna Uygundur. / Compatible with WLTR Insert.

Sipariş Örneği/Ordering Example : 1 ad./pcs. AHFM-WN09T3-D32-M16-L40-Z03-H  
Kesme Hesabı : S 271 / Cutting Calculation : P 271



Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)					Kesici Uç Insert	Yedek Parçaları Spare Parts	
		D	R	d	L	l		Sıkma Vidası Screw	Tork Anahtar Torx Key
APMR-R012-D12-C12-L120	●	12	6	12	120	35		1215-M4x0.5x9	80-T15
APMR-R012-D12-C16-L160	●	12	6	16	160	50			
APMR-R016-D16-C16-L160	●	16	8	16	160	45		1220-M5x0.5x12	80-T20
APMR-R016-D16-C16-L200	●	16	8	16	200	45			
APMR-R016-D16-C20-L200	●	16	8	20	200	65		1220-M5x0.5x15	80-T20
APMR-R020-D20-C20-L160	●	20	10	20	160	55			
APMR-R020-D20-C20-L200	●	20	10	20	200	55			
APMR-R020-D20-C25-L220	●	20	10	25	220	80			

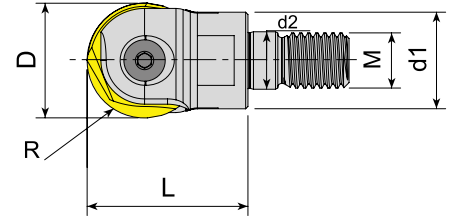
ZCC Ucuna Uygundur. / Compatible with ZCC Insert.












Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)					Kesici Uç Insert	Yedek Parçaları Spare Parts	
		D	R	d	L	l		Sıkma Vidası Screw	Tork Anahtar Torx Key
APMR-XP16-D16-C16-L150	●	16	8	16	150	40		3008-M2.5x6	80-T08
APMR-XP20-D20-C20-L150	●	20	10	20	150	50			
APMR-XP25-D25-C25-L150	●	25	12.5	25	150	50		4015-M4x9	80-T15

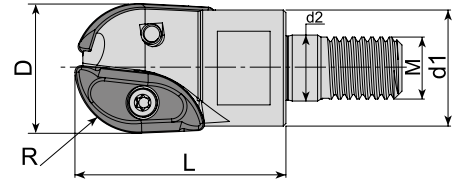
R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item  
ZCC Ucuna Uygundur. / Compatible with ZCC Insert.





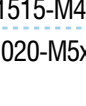
Sipariş Örneği/Ordering Example : 1 ad./pcs. APMR-R012-D12-C12-L120  
Kesme Hesabı : S 271 / Cutting Calculation : P 271



Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)						Kesici Uç Insert	Yedek Parçaları Spare Parts		
		D	R	d1	M	L	d2		Sıkma Vidası Screw	Tork Anahtar Torx Key	
APMR-P3216-D16-M08-L25	●	16	8	14	M08	25	8.5				
APMR-P3220-D20-M10-L30	●	20	10	18	M10	30	10.5			80-T20	
APMR-P3225-D25-M12-L35	●	25	12.5	21	M12	35	12.5				
APMR-P3232-D32-M16-L43	●	32	16	30	M16	43	17			AAL-05-4	

WLTR Ucuna Uygun. / Compatiple with WLTR Insert.

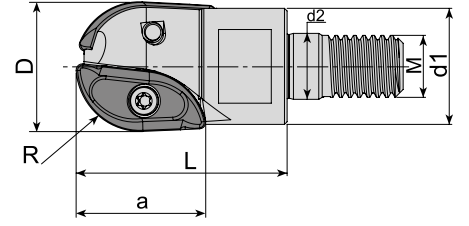








Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)						Kesici Uç Insert	Yedek Parçaları Spare Parts		
		D	R	d1	M	L	d2		Sıkma Vidası Screw	Tork Anahtar Torx Key	
APMR-SWB225-D25-M12-L35	●	25	12.5	23.5	M12	35	12.5				
APMR-SWB232-D32-M16-L43	●	32	16	30	M16	43	17			80-T20	

R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item  
DJT Ucuna Uygun. / Compatiple with DJT Insert.

Sipariş Örneği/Ordering Example : 1 ad./pcs. APMR-P3216-D16-M08-L25  
Kesme Hesabı : S 271 / Cutting Calculation : P 271  
Sıkma Tork Değeri : S 271 / Tightening Torque : P 271

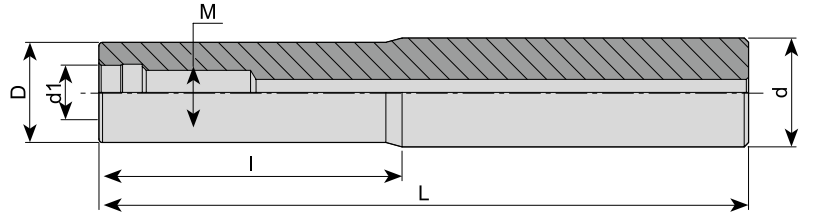
➤ KÜRE UÇLU MODÜLER PARMAK FREZELER  
BALL NOSE MODULAR (SCREW TYPE) END MILLS



Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)							Kesici Uç Insert	Yedek Parçaları Spare Parts	
		D	R	d1	M	L	a	d2		Sıkma Vidası Screw	Tork Anahtar Torx Key
APMR-XP16-D16-M08-L25	●	16	8	14.75	M08	25	16	8.5			80-T08
APMR-XP20-D20-M10-L30	●	20	10	18	M10	30	20	10.5			80-T10
APMR-XP25-D25-M12-L40	●	25	12.5	22	M12	40	25	12.5			80-T15

ZCC Ucuna Uygundur. / Compatible with ZCC Insert.

➤ VİDALI TAKIM TUTUCULARI  
SCREWED TOOL HOLDERS



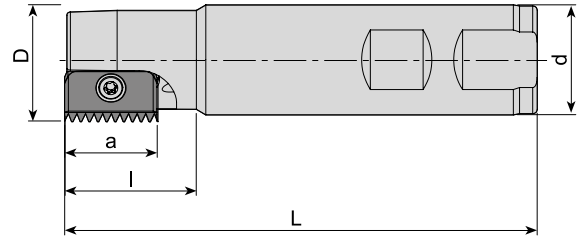
Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)					
		d	M	d1	D	L	l
AVTT-D13-C16-M08-L100-H	●	16	M08	8.5	13	100	40
AVTT-D15-C16-M08-L130-H	●	16	M08	8.5	15	130	70
AVTT-D18-C20-M10-L130-H	●	20	M10	10.5	18	130	70
AVTT-D18-C20-M10-L160-H	●	20	M10	10.5	18	160	80
AVTT-D23-C25-M12-L150-H	●	25	M12	12.5	23	150	70
AVTT-D23-C25-M12-L200-H	●	25	M12	12.5	23	200	100
AVTT-D23-C25-M12-L250-H	●	25	M12	12.5	23	250	150
AVTT-D30-C32-M16-L150-H	●	32	M16	17	30	150	70
AVTT-D30-C32-M16-L200-H	●	32	M16	17	30	200	100
AVTT-D30-C32-M16-L250-H	●	32	M16	17	30	250	150
AVTT-D30-C32-M16-L300-H	●	32	M16	17	30	300	200

R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item

Sipariş Örneği/Ordering Example : 1 ad./pcs. APMR-XP16-D16-M08-L25

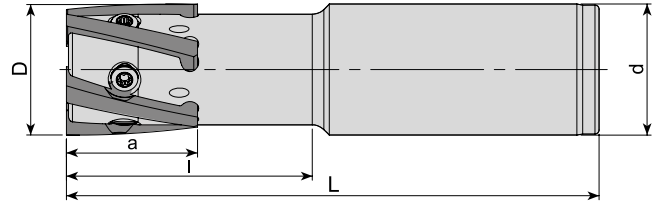
Kesme Hesabı : S 271 / Cutting Calculation : P 271





Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)						Kesici Uç Insert	Yedek Parçaları Spare Parts	
		D	Z	d	L	l	a		Sıkma Vidası Screw	Tork Anahtar Torx Key
ATM-C14-D14-W20-L100-Z01-H	●	14	1	20	100	25	14	C14	3008-M2.5x6	80-T08
ATM-C21-D18-W20-L100-Z01-H	●	18	1	20	100	30	21		1515-M4x9	
ATM-C21-D21-W25-L125-Z01-H	●	21	1	25	125	40	21	C21	1515-M4x11	80-T15
ATM-C21-D25-W20-L125-Z01-H	●	25	1	20	125	30	21			
ATM-C21-D28-W25-L90-Z01-H	●	28	1	25	90	30	21			
ATM-C21-D38-W32-L120-Z03-H	●	38	3	32	120	30	21			
ATM-C21-D43-W32-L90-Z03-H	●	43	3	32	90	30	21			
ATM-C30-D29-W25-L150-Z01-H	●	29	1	25	150	50	30	C30	1020-M5x14	80-T20

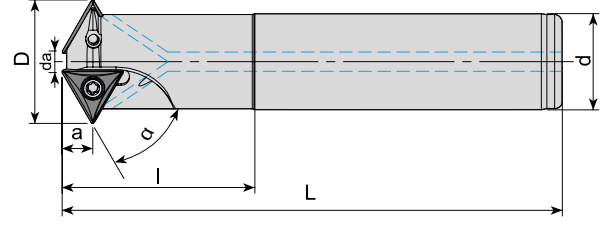
CPT Ucuna Uygundur. / Compatible with CPT Insert.



Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)						Kesici Uç Insert	Yedek Parçaları Spare Parts	
		D	Z	d	L	l	a		Sıkma Vidası Screw	Tork Anahtar Torx Key
ATM-H23-D23-C25-L100-Z02-H	●	23	2	25	100	30	27	H23	1015-M4x8	80-T15
ATM-H32-D32-C32-L130-Z05-H	●	32	5	32	130	35	32	H32	1720-U8-32x10	80-T20

R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item  
CPT Ucuna Uygundur. / Compatible with CPT Insert.

Sipariş Örneği/Ordering Example : 1 ad./pcs. ATM-C14-D14-W20-L100-Z01-H  
Kesme Hesabı : S 271 / Cutting Calculation : P 271



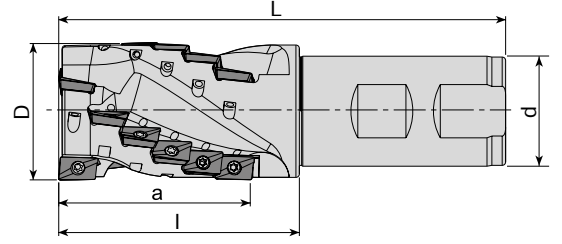
Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)								Yedek Parçaları Spare Parts		
		$\alpha$	D	d	da	L	l	Z	a	Kesici Uç Insert	Sıkma Vidası Screw	Tork Anahtar Torx Key
ATM60-TB0601-D13-C10-L150-Z02-H	●	60	13	10	2.5	150	40	2	3.3		3006-M2x4	80-T06
ATM60-TC0902-D20.5-C16-L150-Z02-H	●	60	20.5	16	5.2	150	40	2	4.7		3007-M2.2x5	80-T07
ATM60-TC1102-D26-C20-L150-Z03-H	●	60	26	20	8.3	150	50	3	5.4		3008-M2.5x6	80-T08
ATM60-TC16T3-D32-C25-L150-Z02-H	●	60	32	25	6.4	150	50	2	8		4015-M3.5x9	80-T15
ATM60-TC16T3-D40-C32-L250-Z03-H	●	60	40	32	13.7	250	50	3	8		4015-M3.5x9	80-T15

R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item  
ISO Ucuna Uygunudur. / Compatible with ISO Insert.

Sipariş Örneği/Ordering Example : 1 ad./pcs. ATM60-TB0601-D13-C10-L150-Z02-H  
Kesme Hesabı : S 271 / Cutting Calculation : P 271







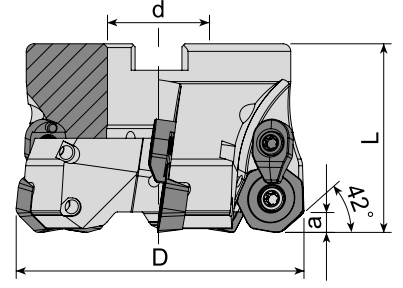
Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)							Kesici Uç Insert	Yedek Parçaları Spare Parts	
		Z		D	d	a	l	L		Sıkma Vidası Screw	Tork Anahtar Torx Key
		Toplam Total	Etkili Effective								
AHM90-AP10-D20-W20-L087-Z0204	●	4	2	20	20	28	37	87	AP.. 1003..	3008-M2.5x6	80-T08
AHM90-AP10-D20-W20-L087-Z0206	●	6	2	20	20	28	37	87			
AHM90-AP10-D25-W25-L105-Z0208-H	●	8	2	25	25	37	47	105			
AHM90-AP10-D32-W32-L115-Z0315-H	●	15	3	32	32	46	55	115			
AHM90-AP10-D40-W32-L130-Z0318-H	●	18	3	40	32	55	64	130			

R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item  
ISO Ucuna Uygun. / Compatible with ISO Insert.

Sipariş Örneği/Ordering Example : 1 ad./pcs. AHM90-AP10-D20-W20-L087-Z0204  
Kesme Hesabı : S 271 / Cutting Calculation : P 271



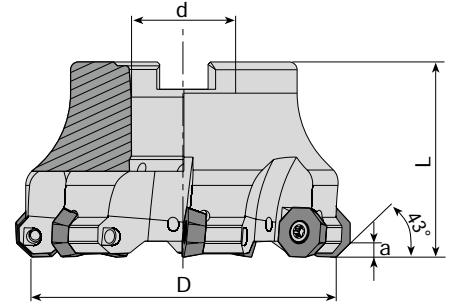
42°



Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)					Kesici Uç Insert	Yedek Parçaları Spare Parts					
		D	Z	d	L	a		Sıkma Vidası Screw	Baskı Parçası Wedge Clamp	Baskı Vidası Clamp Screw	Tork Anahtar Torx Key	Montaj Vidası Mounting Screw	
AFM42C-XD0806-D063-A27-Z04-H	●	63	4	27	50	12	XDMW 0806..	4020-M4.5x12	ACK-24	4020-M4.5x12	80-T20	2510-M12x35	
AFM42C-XD0806-D080-A27-Z05-H	●	80	5	27	50	12							
AFM42C-XD0806-D100-A32-Z06-H	●	100	6	32	63	12							2514-M16x35
AFM42C-XD0806-D125-B40-Z07	●	125	7	40	63	12							-
AFM42C-XD0806-D160-C40-Z08	●	160	8	40	63	12							-
AFM42C-XD0806-D200-C60-Z09	●	200	9	60	63	12							-

DJT Ucuna Uygundur. / Compatible with DJT Insert.

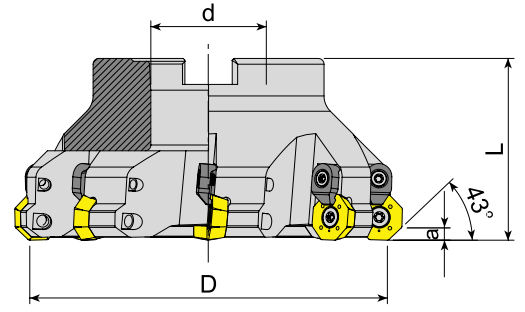
43°



Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)					Kesici Uç Insert	Yedek Parçaları Spare Parts			
		D	Z	d	L	a		Sıkma Vidası Screw	Tork Anahtar Torx Key	Montaj Vidası Mounting Screw	
AFM43-OD0504-D040-A16-Z04-H	●	40	4	16	40	3.5	OD.. 0504..	4015-M3.5x11	80-T15	2506-M8x30	
AFM43-OD0504-D050-A22-Z05-H	●	50	5	22	40	3.5					
AFM43-OD0504-D063-A22-Z06-H	●	63	6	22	40	3.5					2407-M10x30
AFM43-OD0504-D080-A27-Z07-H	●	80	7	27	50	3.5					2510-M12x35
AFM43-OD0504-D100-A32-Z08-H	●	100	8	32	50	3.5					2514-M16x35

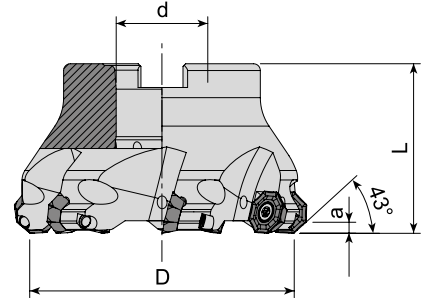
R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item  
WLTR Ucuna Uygundur. / Compatible with WLTR Insert.

Sipariş Örneği/Ordering Example : 1 ad./pcs. AFM42C-XD0806-D063-A27-Z04-H  
Kesme Hesabı : S 271 / Cutting Calculation : P 271  
Montaj Ölçüleri : S 269 / Mounting Reference : P 269



Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)					Kesici Uç Insert	Yedek Parçaları Spare Parts								
		D	Z	d	L	a		Sıkma Vidası Screw	Baskı Parçası Wedge Clamp	Baskı Vidası Clamp Screw	Tork Anahtar Torx Key	Montaj Vidası Mounting Screw				
AFM43C-OD0605-D080-A27-Z06-H	●	80	6	27	50	4	OD.. 0605..					2510-M12x35				
AFM43C-OD0605-D100-A32-Z07-H	●	100	7	32	50	4						1020-M5x11	ACK-05	1515-M4x11	80-T20	2514-M16x35
AFM43C-OD0605-D125-B40-Z08	●	125	8	40	63	4										-

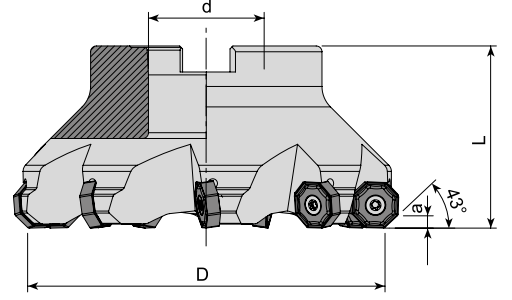
WLTR-LMN Ucuna Uygundur. / Compatible with WLTR-LMN Insert.



Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)					Kesici Uç Insert	Yedek Parçaları Spare Parts					
		D	Z	d	L	a		Sıkma Vidası Screw	Tork Anahtar Torx Key	Montaj Vidası Mounting Screw			
AFM43-OF05T3-D050-A22-Z05-H	●	50	5	22	40	3	OF.. 05T3..				1515-M4x9		
AFM43-OF05T3-D063-A22-Z06-H	●	63	6	22	40	3					1515-M4x11	80-T15	2407-M10x30
AFM43-OF05T3-D080-A27-Z07-H	●	80	7	27	50	3							2510-M12x35
AFM43-OF05T3-D125-B40-Z09	●	125	9	40	63	3							-

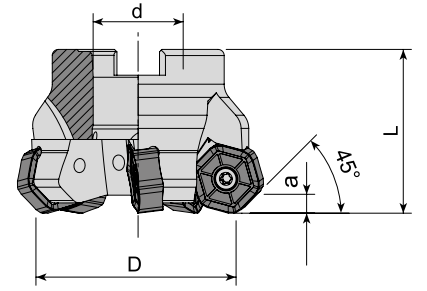
R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item  
ISO Ucuna Uygundur. / Compatible with ISO Insert.

Sipariş Örneği/Ordering Example : 1 ad./pcs. AFM43C-OD0605-D080-A27-Z06-H  
Kesme Hesabı : S 271 / Cutting Calculation : P 271  
Montaj Ölçüleri : S 269 / Mounting Reference : P 269



Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)					Kesici Uç Insert	Yedek Parçaları Spare Parts		
		D	Z	d	L	a		Sıkma Vidası Screw	Tork Anahtar Torx Key	Montaj Vidası Mounting Screw
AFM43-ON0604-D050-A22-Z05-H	●	50	5	22	40	4	ON.. 0604..	1515-M4x11	80-T15	2407-M10x30
AFM43-ON0604-D063-A22-Z06-H	●	63	6	22	40	4				
AFM43-ON0604-D080-A27-Z07-H	●	80	7	27	50	4				
AFM43-ON0604-D100-A32-Z08-H	●	100	8	32	50	4				
AFM43-ON0604-D125-B40-Z09	●	125	9	40	63	4				

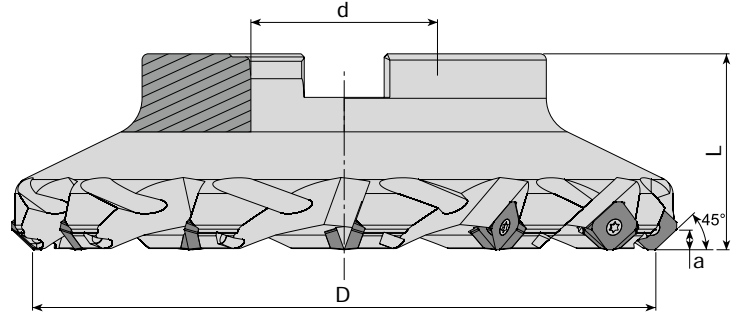
ZCC Ucuna Uygunur. / Compatible with ZCC Insert.



Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)					Kesici Uç Insert	Yedek Parçaları Spare Parts		
		D	Z	d	L	a		Sıkma Vidası Screw	Tork Anahtar Torx Key	Montaj Vidası Mounting Screw
AFM45-HN0905-D050-A22-Z05-H	●	50	5	22	40	4.5	HN.. 0905..	1515-M4x11	80-T15	2407-M10x30
AFM45-HN0905-D063-A22-Z06-H	●	63	6	22	40	4.5				
AFM45-HN0905-D080-A27-Z07-H	●	80	7	27	50	4.5				
AFM45-HN0905-D125-B40-Z10	●	125	10	40	63	4.5				
AFM45-HN0905-D160-C40-Z12	●	160	12	40	63	4.5				
AFM45L-HN0905-D160-C40-Z12	●	160	12	40	63	4.5				
AFM45L-HN0905-D200-C60-Z16	●	200	16	60	63	4.5				

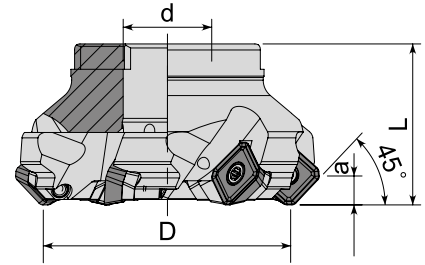
R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item  
WDA Ucuna Uygunur. / Compatible with WDA Insert.

Sipariş Örneği/Ordering Example : 1 ad./pcs. AFM43-ON0604-D050-A22-Z05-H  
Kesme Hesabı : S 271 / Cutting Calculation : P 271  
Montaj Ölçüleri : S 269 / Mounting Reference : P 269



Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)					Kesici Uç Insert	Yedek Parçaları Spare Parts		
		D	Z	d	L	a		Sıkma Vidası Screw	Tork Anahtar Torx Key	Montaj Vidası Mounting Screw
AFM45-SE12-D050-A22-Z04-H	●	50	4	22	40	6	SE.. 12T3.. R245-12T3..	4015-M3.5x11	80-T15	2407-M10x30
AFM45L-SE12-D050-A22-Z04-H	●	50	4	22	40	6				
AFM45-SE12-D063-A22-Z05-H	●	63	5	22	40	6				
AFM45L-SE12-D063-A22-Z05-H	●	63	5	22	40	6				
AFM45-SE12-D080-A27-Z06-H	●	80	6	27	50	6				
AFM45L-SE12-D080-A27-Z06-H	●	80	6	27	50	6				
AFM45-SE12-D100-A32-Z07-H	●	100	7	32	50	6				
AFM45-SE12-D125-B40-Z08	●	125	8	40	63	6				
AFM45-SE12-D160-C40-Z10	●	160	10	40	63	6				
AFM45-SE12-D200-C60-Z12	●	200	12	60	63	6				

ZCC-SNDVK Ucuna Uygundur. / Compatible with ZCC-SNDVK Insert.

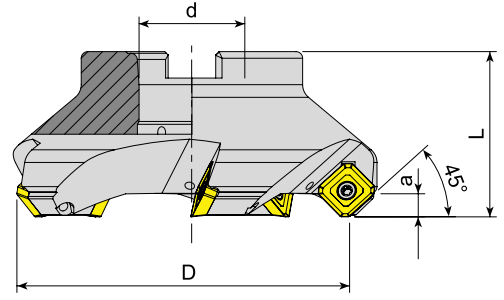


Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)					Kesici Uç Insert	Yedek Parçaları Spare Parts				
		D	Z	d	L	a		Altık Screw	Altık Vidası Wedge Clamp	Sıkma Vidası Screw	Tork Anahtar Torx Key	Montaj Vidası Mounting Screw
AFM45-SE13-D050-A22-Z04-H	●	50	4	22	40	6	SEMT 13T3..	AASE-3-0001	AAV-16-M3.5x8	4015-M3.5x12	80-T15	2407-M10x30
AFM45-SE13-D063-A22-Z05-H	●	63	5	22	40	6						
AFM45-SE13-D080-A27-Z06-H	●	80	6	27	50	6						
AFM45S-SE13-D050-A22-Z05-H	●	50	5	22	40	6						
AFM45S-SE13-D063-A22-Z06-H	●	63	6	22	40	6						
AFM45S-SE13-D080-A27-Z08-H	●	80	8	27	50	6						
AFM45S-SE13-D100-A32-Z10-H	●	100	10	32	50	6						
AFM45S-SE13-D125-B40-Z12	●	125	12	40	63	6						

R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item  
SMTM-DJT Ucuna Uygundur. / Compatible with SMTM-DJT Insert.

Sipariş Örneği/Ordering Example : 1 ad./pcs. AFM45-SE12-D050-A22-Z04-H  
Kesme Hesabı : S 271 / Cutting Calculation : P 271  
Montaj Ölçüleri : S 269 / Mounting Reference : P 269

45°

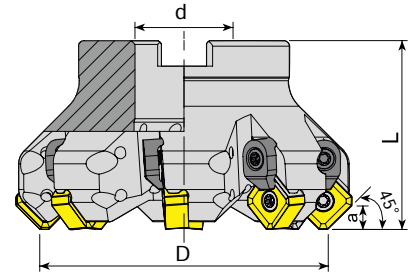


Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)					Kesici Uç Insert	Yedek Parçaları Spare Parts			
		D	Z	d	L	a		Sıkma Vidası Screw	Tork Anahtar Torx Key	Montaj Vidası Mounting Screw	
AFM45-SE14M4-D063-A22-Z04-H	●	63	4	22	40	7	SE.. 14M4..	4015-M3.5x11	80-T15	2407-M10x30	
AFM45-SE14M4-D080-A27-Z05-H	●	80	5	27	50	7				2510-M12x35	
AFM45-SE14M4-D100-A32-Z05-H	●	100	5	32	50	7				2514-M16x35	
AFM45-SE14M4-D125-B40-Z06	●	125	6	40	63	7				-	
AFM45-SE14M4-D160-C40-Z07	●	160	7	40	63	7				-	

KRLY Ucuna Uygunur. / Compatiple with KRLY Insert.



45°



Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)					Kesici Uç Insert	Yedek Parçaları Spare Parts				
		D	Z	d	L	a		Sıkma Vidası Screw	Baskı Parçası Wedge Clamp	Baskı Vidası Clamp Screw	Tork Anahtar Torx Key	Montaj Vidası Mounting Screw
AFM45C-SN12..-D050-A22-Z04-H	●	50	4	22	42	6	SN.. 1206..	1015-M4x11	ACK-05	4015-M4x11	80-T15	2407-M10x30
AFM45C-SN12..-D050-A22-Z05-H	●	50	5	22	42	6						2510-M12x35
AFM45C-SN12..-D063-A22-Z06-H	●	63	6	22	42	6						2514-M16x35
AFM45C-SN12..-D063-A22-Z07-H	●	63	7	22	42	6						-
AFM45CL-SN12..-D063-A22-Z07-H	●	63	7	22	42	6						-
AFM45C-SN12..-D080-A27-Z07-H	●	80	7	27	52	6						-
AFM45C-SN12..-D080-A27-Z08-H	●	80	8	27	52	6						-
AFM45CL-SN12..-D080-A27-Z08-H	●	80	8	27	52	6						-
AFM45C-SN12..-D100-A32-Z08-H	●	100	8	32	52	6						-
AFM45C-SN12..-D100-A32-Z10-H	●	100	10	32	52	6						-
AFM45CL-SN12..-D100-A32-Z10-H	●	100	10	32	52	6						-
AFM45C-SN12..-D125-B40-Z11	●	125	11	40	65	6						-
AFM45CL-SN12..-D125-B40-Z11	●	125	11	40	65	6						-
AFM45C-SN12..-D160-C40-Z12	●	160	12	40	65	6						-
AFM45C-SN12..-D200-C60-Z14	●	200	14	60	65	6						-
AFM45CL-SN12..-D200-C60-Z14	●	200	14	60	65	6						-

R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item

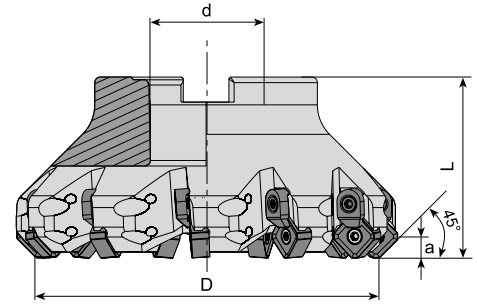
WLTR-LMN-ACHTK Ucuna Uygunur. / Compatiple with WLTR-LMN-ACHTK Insert.

Sipariş Örneği/Ordering Example : 1 ad./pcs. AFM45-SE14M4-D063-A22-Z04-H

Kesme Hesabı : S 271 / Cutting Calculation : P 271

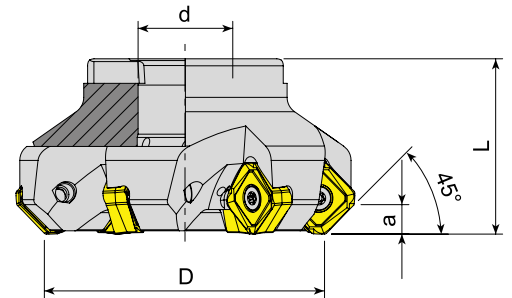
Montaj Ölçüleri : S 269 / Mounting Reference : P 269





Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)					Kesici Uç Insert	Yedek Parçaları Spare Parts				
		D	Z	d	L	a		Sıkma Vidası Screw	Baskı Parçası Wedge Clamp	Baskı Vidası Clamp Screw	Tork Anahtar Torx Key	Montaj Vidası Mounting Screw
AFM45C-SN1206-D050-A22-Z04-H	●	50	4	22	42	6	SN.. 1206..	1515-M4x11	ACK-05	1515-M4x11	80-T15	2407-M10x30
AFM45C-SN1206-D050-A22-Z05-H	●	50	5	22	42	6						
AFM45C-SN1206-D063-A22-Z06-H	●	63	6	22	42	6						
AFM45C-SN1206-D063-A22-Z07-H	●	63	7	22	42	6						
AFM45CL-SN1206-D063-A22-Z07-H	●	63	7	22	42	6						
AFM45C-SN1206-D080-A27-Z07-H	●	80	7	27	52	6						
AFM45C-SN1206-D080-A27-Z08-H	●	80	8	27	52	6						
AFM45CL-SN1206-D080-A27-Z08-H	●	80	8	27	52	6						
AFM45C-SN1206-D100-A32-Z08-H	●	100	8	32	52	6						
AFM45C-SN1206-D100-A32-Z10-H	●	100	10	32	52	6						
AFM45CL-SN1206-D100-A32-Z10-H	●	100	10	32	52	6						
AFM45C-SN1206-D125-B40-Z11	●	125	11	40	65	6						
AFM45CL-SN1206-D125-B40-Z11	●	125	11	40	65	6						
AFM45C-SN1206-D160-C40-Z12	●	160	12	40	65	6						
AFM45C-SN1206-D200-C60-Z14	●	200	14	60	65	6						
AFM45CL-SN1206-D200-C60-Z14	●	200	14	60	65	6						

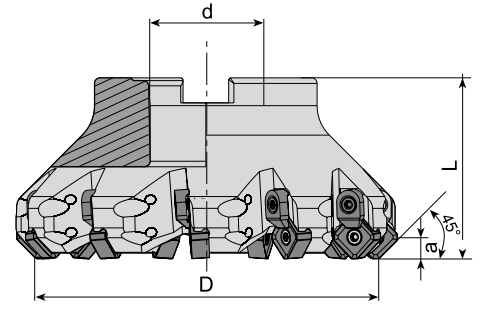
KRLY-PLBT-BHLR Ucuna Uygundur. / Compatible with KRLY-PLBT-BHLR Insert.



Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)					Kesici Uç Insert	Yedek Parçaları Spare Parts		
		D	Z	d	L	a		Sıkma Vidası Screw	Tork Anahtar Torx Key	Montaj Vidası Mounting Screw
AFM45-SA1706-D080-A27-Z06-H	●	80	6	27	50	8.4	SAKU 1706..	1020-M5x14	80-T20	2510-M12x35
AFM45-SA1706-D100-A32-Z07-H	●	100	7	32	50	8.4				2514-M16x35
AFM45-SA1706-D125-B40-Z09	●	125	9	40	63	8.4				-

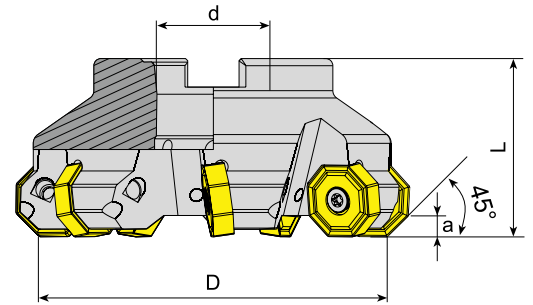
R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item  
CRTZT Ucuna Uygundur. / Compatible with CRTZT Insert.

Sipariş Örneği/Ordering Example : 1 ad./pcs. AFM45C-SN1206-D050-A22-Z04-H  
Kesme Hesabı : S 271 / Cutting Calculation : P 271  
Montaj Ölçüleri : S 269 / Mounting Reference : P 269



Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)					Kesici Uç Insert	Yedek Parçaları Spare Parts					
		D	Z	d	L	a		Sıkma Vidası Screw	Baskı Parçası Wedge Clamp	Baskı Vidası Clamp Screw	Tork Anahtar Torx Key	Montaj Vidası Mounting Screw	
AFM45C-SN12Z-D050-A22-Z05-H	●	50	5	22	42	6	SNEG 1205..						
AFM45C-SN12Z-D063-A22-Z06-H	●	63	6	22	42	6							2407-M10X30
AFM45C-SN12Z-D080-A27-Z07-H	●	80	7	27	52	6							2510-M12x35
AFM45C-SN12Z-D100-A32-Z09-H	●	100	9	32	52	6							2514-M16x35
AFM45C-SN12Z-D125-B40-Z11	●	125	11	40	65	6							-
AFM45C-SN12Z-D160-C40-Z12	●	160	12	60	65	6							-
AFM45C-SN12Z-D200-C60-Z14	●	200	14	60	65	6							-

ZCC Ucuna Uygundur. / Compatible with ZCC Insert.

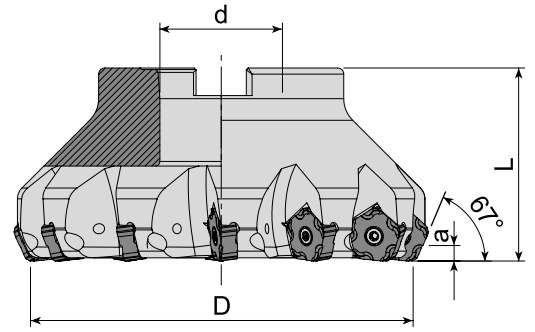


Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)					Kesici Uç Insert	Yedek Parçaları Spare Parts			
		D	Z	d	L	a		Sıkma Vidası Screw	Tork Anahtar Torx Key	Montaj Vidası Mounting Screw	
AFM45-ON0806-D063-A22-Z05-H	●	63	5	22	40	4	ON.. 0806..				
AFM45-ON0806-D080-A27-Z06-H	●	80	6	27	50	4					2508-M10x30
AFM45-ON0806-D100-A32-Z07-H	●	100	7	32	50	4					2510-M12x35
AFM45-ON0806-D125-B40-Z08	●	125	8	40	63	4					2514-M16x35
AFM45-ON0806-D160-C40-Z10	●	160	10	40	63	4					-
AFM45-ON0806-D200-C60-Z12	●	200	12	60	63	4					-
AFM45-ON0806-D315-D60-Z16	●	315	16	60	63	4					-

R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item  
ISO Ucuna Uygundur. / Compatible with ISO Insert.

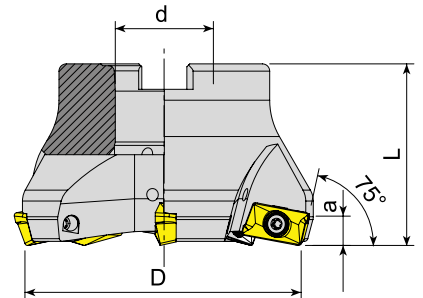
Sipariş Örneği/Ordering Example : 1 ad./pcs. AFM45C-SN12Z-D050-A22-Z05-H  
Kesme Hesabı : S 271 / Cutting Calculation : P 271  
Montaj Ölçüleri : S 269 / Mounting Reference : P 269





Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)					Kesici Uç Insert	Yedek Parçaları Spare Parts			
		D	Z	d	L	a		Sıkma Vidası Screw	Tork Anahtar Torx Key	Montaj Vidası Mounting Screw	
AFM67-PN1105-D050-A22-Z05	●	50	5	22	50	5	PNEG 1105..				
AFM67-PN1105-D063-A22-Z06	●	63	6	22	50	5					2508-M10x30
AFM67-PN1105-D080-A27-Z08	●	80	8	27	50	5					2510-M12x35
AFM67-PN1105-D100-B32-Z10	●	100	10	32	50	5					-
AFM67-PN1105-D125-B40-Z12	●	125	12	40	63	5					-
AFM67-PN1105-D160-C40-Z14	●	160	14	40	63	5					-

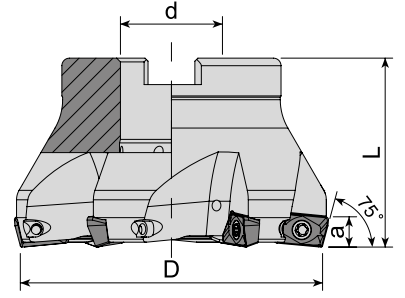
ZCC Ucuna Uygunudur. / Compatible with ZCC Insert.



Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)					Kesici Uç Insert	Yedek Parçaları Spare Parts			
		D	Z	d	L	a		Sıkma Vidası Screw	Tork Anahtar Torx Key	Montaj Vidası Mounting Screw	
AFM75-AP16-D063-A22-Z04-H	●	63	4	22	40	6	AP.. 1604..				
AFM75-AP16-D080-A27-Z05-H	●	80	5	27	50	6					2508-M10x30
AFM75-AP16-D100-A32-Z06-H	●	100	6	32	50	6					2510-M12x35
AFM75-AP16-D125-B40-Z07	●	125	7	40	63	6					2514-M16x35

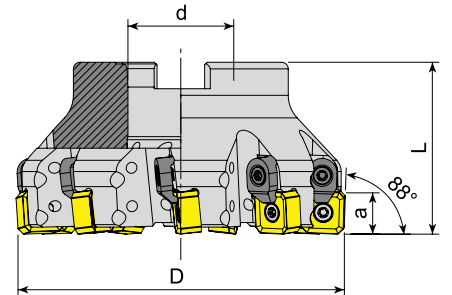
R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item  
ISO Ucuna Uygunudur. / Compatible with ISO Insert.

Sipariş Örneği/Ordering Example : 1 ad./pcs. AFM67-PN1105-D050-A22-Z05  
Kesme Hesabı : S 271 / Cutting Calculation : P 271  
Montaj Ölçüleri : S 269 / Mounting Reference : P 269



Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)					Kesici Uç Insert	Yedek Parçaları Spare Parts			
		D	Z	d	L	a		Sıkma Vidası Screw	Tork Anahtar Torx Key	Montaj Vidası Torx Key	
AFM75-X012-D050-A22-Z04-H	●	50	4	22	40	-	XOMX 1204..	1510-M3.5x9	80-T10	2508-M10x30	
AFM75-X012-D063-A22-Z05-H	●	63	5	22	40	-					
AFM75-X012-D080-A27-Z06-H	●	80	6	27	50	-					2510-M12x35

SC Ucuna Uygun. / Compatible with SC Insert.



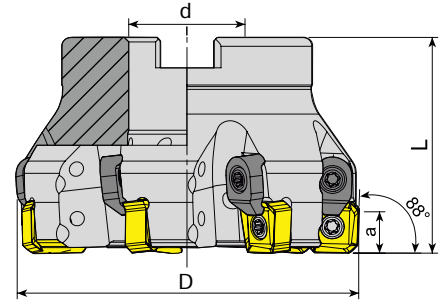
Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)					Kesici Uç Insert	Yedek Parçaları Spare Parts				
		D	Z	d	L	a		Sıkma Vidası Screw	Baskı Parçası Wedge Clamp	Baskı Vidası Clamp Screw	Tork Anahtar Torx Key	Montaj Vidası Mounting Screw
AFM88C-SN1206-D063-A22-Z06-H	●	63	6	22	40	11.5	SN.. 1206..	1615-M4x11	ACK-05	1515-M4x11	80-T15	2508-M10x30
AFM88C-SN1206-D080-A27-Z07-H	●	80	7	27	50	11.5						2510-M12x35
AFM88C-SN1206-D100-A32-Z09-H	●	100	9	32	52	11.5						2514-M16x35

R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item  
ISO Ucuna Uygun. / Compatible with ISO Insert.

Sipariş Örneği/Ordering Example : 1 ad./pcs. AFM75-X012-D050-A22-Z04-H  
Kesme Hesabı : S 271 / Cutting Calculation : P 271  
Montaj Ölçüleri : S 269 / Mounting Reference : P 269



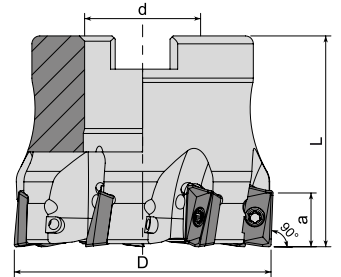
88°



Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)					Kesici Uç Insert	Yedek Parçaları Spare Parts				
		D	Z	d	L	a		Sıkma Vidası Screw	Baskı Parçası Wedge Clamp	Baskı Vidası Clamp Screw	Tork Anahtar Torx Key	Montaj Vidası Mounting Screw
AFM88C-SN12Z-D063-A22-Z06-H	●	63	6	22	40	11.5	SNEG 1205..					
AFM88C-SN12Z-D080-A27-Z07-H	●	80	7	27	50	11.5						

ZCC Ucuna Uygundur. / Compatible with ZCC Insert.

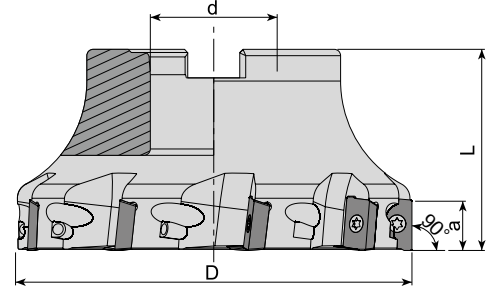
90°



Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)					Kesici Uç Insert	Yedek Parçaları Spare Parts		
		D	Z	d	L	a		Sıkma Vidası Screw	Tork Anahtar Torx Key	Montaj Vidası Torx Key
AFM90-AD10T3-D040-A16-Z06-H	●	40	6	16	40	10	ADMT 10T3..			
AFM90-AD10T3-D050-A22-Z07-H	●	50	7	22	40	10				

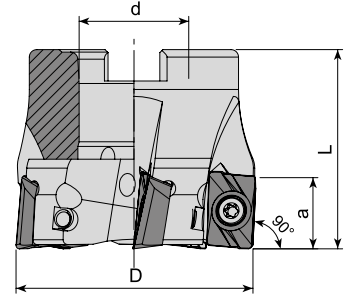
R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item  
WLTR Ucuna Uygundur. / Compatible with WLTR Insert.

Sipariş Örneği/Ordering Example : 1 ad./pcs. AFM88C-SN12Z-D063-A22-Z06-H  
Kesme Hesabı : S 271 / Cutting Calculation : P 271  
Montaj Ölçüleri : S 269 / Mounting Reference : P 269



Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)					Kesici Uç Insert	Yedek Parçaları Spare Parts		
		D	Z	d	L	a		Sıkma Vidası Screw	Tork Anahtar Torx Key	Montaj Vidası Mounting Screw
AFM90-AD1505-D040-A16-Z04-H	●	40	4	16	40	15	AD.. 1505..	1515-M4x11	80-T15	2506-M8x30
AFM90-AD1505-D050-A22-Z05-H	●	50	5	22	40	15				2508-M10x30
AFM90-AD1505-D063-A22-Z06-H	●	63	6	22	40	15				2510-M12x35
AFM90-AD1505-D080-A27-Z07-H	●	80	7	27	50	15				2514-M16x35
AFM90-AD1505-D100-A32-Z08-H	●	100	8	32	50	15				-
AFM90-AD1505-D125-B40-Z09	●	125	9	40	63	15				-

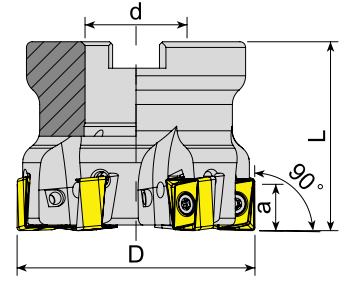
ISCR Ucuna Uygundur. / Compatible with ISCR Insert.



Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)					Kesici Uç Insert	Yedek Parçaları Spare Parts		
		D	Z	d	L	a		Sıkma Vidası Screw	Tork Anahtar Torx Key	Montaj Vidası Mounting Screw
AFM90-AD1505D-D050-A22-Z05-H	●	50	5	22	40	14.3	ADKT 150508	1515-M4x11	80-T15	2508-M10x30
AFM90-AD1505D-D063-A27-Z06-H	●	63	6	27	50	14.3				2510-M12x35
AFM90-AD1505D-D080-A27-Z08-H	●	80	8	27	50	14.3				-

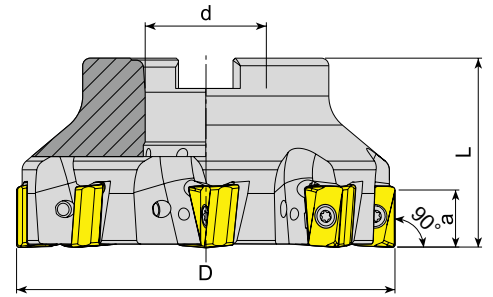
R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item  
DJT Ucuna Uygundur. / Compatible with DJT Insert.

Sipariş Örneği/Ordering Example : 1 ad./pcs. AFM90-AD1505-D040-A16-Z04-H  
Kesme Hesabı : S 271 / Cutting Calculation : P 271  
Montaj Ölçüleri : S 269 / Mounting Reference : P 269



Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)					Kesici Uç Insert	Yedek Parçaları Spare Parts		
		D	Z	d	L	a		Sıkma Vidası Screw	Tork Anahtar Torx Key	Montaj Vidası Torx Key
AFM90-AN12-D040-A16-Z04-H	●	40	4	16	40	12	ANKX 1205..	4015-M4x12	80-T15	2406-M8x30
AFM90-AN12-D050-A22-Z05-H	●	50	5	22	40	12				2508-M10x30
AFM90-AN12-D063-A27-Z06-H	●	63	6	27	50	12				2510-M12x35

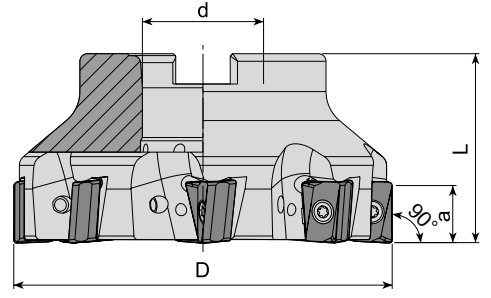
ISCR Ucuna Uygundur. / Compatible with ISCR Insert.



Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)					Kesici Uç Insert	Yedek Parçaları Spare Parts		
		D	Z	d	L	a		Sıkma Vidası Screw	Tork Anahtar Torx Key	Montaj Vidası Mounting Screw
AFM90-AN1607-D050-A22-Z04-H	●	50	4	22	40	15	AN.X 1607..	1515-M4x11	80-T15	2508-M10x30
AFM90-AN1607-D063-A22-Z06-H	●	63	6	22	40	15				2510-M12x35
AFM90-AN1607-D080-A27-Z07-H	●	80	7	27	50	15				2514-M16x35
AFM90-AN1607-D100-A32-Z08-H	●	100	8	32	50	15				

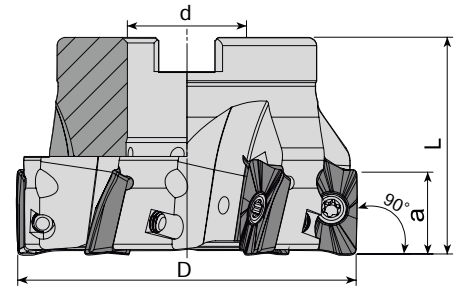
R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item  
TGTC Ucuna Uygundur. / Compatible with TGTC Insert.

Sipariş Örneği/Ordering Example : 1 ad./pcs. AFM90-AN12-D040-A16-Z04-H  
Kesme Hesabı : S 271 / Cutting Calculation : P 271  
Montaj Ölçüleri : S 269 / Mounting Reference : P 269



Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)					Kesici Uç Insert	Yedek Parçaları Spare Parts		
		D	Z	d	L	a		Sıkma Vidası Screw	Tork Anahtar Torx Key	Montaj Vidası Mounting Screw
AFM90-AN11-D040-A16-Z04-H	●	40	4	16	40	11	ANGX 1105..	4010-M3x8	80-T10	2506-M8x30
AFM90-AN1506-D050-A22-Z04-H	●	50	4	22	40	14.5	ANGX 1506..	4015-M4x12	80-T15	2508-M10x30
AFM90-AN1506-D063-A22-Z05-H	●	63	5	22	40	14.5				2510-M12x35
AFM90-AN1506-D080-A27-Z06-H	●	80	6	27	50	14.5				2514-M16x35
AFM90-AN1506-D100-A32-Z08-H	●	100	8	32	50	14.5				-
AFM90-AN1506-D125-B40-Z09	●	125	9	40	63	14.5				-
AFM90-AN1506-D160-C40-Z10	●	160	10	40	63	14.5	-	-	-	-

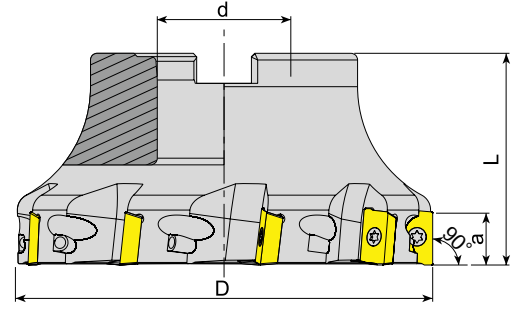
ZCC Ucuna Uygundur. / Compatible with ZCC Insert.



Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)					Kesici Uç Insert	Yedek Parçaları Spare Parts		
		D	Z	d	L	a		Sıkma Vidası Screw	Tork Anahtar Torx Key	Montaj Vidası Mounting Screw
AFM90-AO1236-D050-A22-Z05-H	●	50	5	22	40	12	AO.. 1236..	3008-M2.5x6	80-T08	2508-M10x30
AFM90-AO1848-D050-A22-Z05-H	●	50	5	22	40	15	AO.. 1848..	4015-M4x11	80-T15	2508-M10x30
AFM90-AO1848-D063-A22-Z06-H	●	63	6	22	40	15				

R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item  
MTSBH Ucuna Uygundur. / Compatible with MTSBH Insert.

Sipariş Örneği/Ordering Example : 1 ad./pcs. AFM90-AN11-D040-A16-Z04-H  
Kesme Hesabı : S 271 / Cutting Calculation : P 271  
Montaj Ölçüleri : S 269 / Mounting Reference : P 269



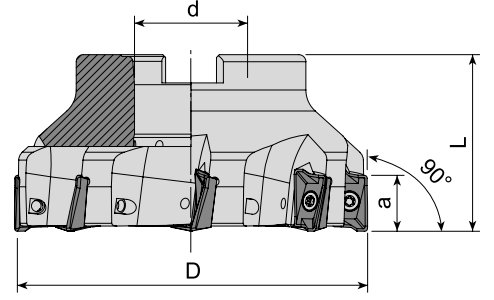
Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)					Kesici Uç Insert	Yedek Parçaları Spare Parts		
		D	Z	d	L	a		Sıkma Vidası Screw	Tork Anahtar Torx Key	Montaj Vidası Mounting Screw
AFM90-AP10-D040-A16-Z05-H	●	40	5	16	40	10	AP.. 1003.. ISO UCUNA UYGUNDUR. FOR ISO INSERT.	3008-M2.5x6	80-T08	2506-M8x30
AFM90-AP10-D050-A22-Z06-H	●	50	6	22	40	10				2508-M10x30
AFM90-AP10-D063-A22-Z07-H	●	63	7	22	40	10				2510-M12x35
AFM90-AP10-D080-A27-Z08-H	●	80	8	27	50	10				2514-M16x35
AFM90-AP10-D100-A32-Z09-H	●	100	9	32	50	10				2506-M8x30
AFM90-AP16-D040-A16-Z04-H	●	40	4	16	40	16	AP.. 1604.. ISO UCUNA UYGUNDUR. FOR ISO INSERT.			2508-M10x30
AFM90-AP16-D050-A22-Z05-H	●	50	5	22	40	16				2510-M12x35
AFM90-AP16-D052-A22-Z05-H	●	52	5	22	40	16				2514-M16x35
AFM90-AP16-D063-A22-Z06-H	●	63	6	22	40	16				-
AFM90-AP16-D080-A27-Z07-H	●	80	7	27	50	16				
AFM90-AP16-D100-A32-Z08-H	●	100	8	32	50	16				
AFM90-AP16-D125-B40-Z09	●	125	9	40	63	16				
AFM90-AP16-D160-C40-Z10	●	160	10	40	63	16				
AFM90-AP16-D200-C60-Z12	●	200	12	60	63	16				
AFM90-AP16DJ-D050-A22-Z05-H	●	50	5	22	40	16	AP.. 1604.. DJT UCUNA UYGUNDUR. FOR DJT INSERT.	1515-M4x11	80-T15	2508-M10x30
AFM90-AP16DJ-D063-A22-Z06-H	●	63	6	22	40	16				2510-M12x35
AFM90-AP16DJ-D080-A27-Z07-H	●	80	7	27	50	16				2508-M10x30
AFM90-AP16L-D050-A22-Z05-H	●	50	5	22	40	16	AP.. 1604.. LMN UCUNA UYGUNDUR. FOR LMN INSERT.			2510-M12x35
AFM90-AP16L-D063-A22-Z06-H	●	63	6	22	40	16				2506-M8x30
AFM90-AP16L-D080-A27-Z07-H	●	80	7	27	50	16				2508-M10x30
AFM90-AP16P-D040-A16-Z04-H	●	40	4	16	40	16	AP.. 1604.. PLBT UCUNA UYGUNDUR. FOR PLBT INSERT.			2510-M12x35
AFM90-AP16P-D050-A22-Z05-H	●	50	5	22	40	16				2514-M16x35
AFM90-AP16P-D063-A22-Z06-H	●	63	6	22	40	16				2506-M8x30
AFM90-AP16P-D080-A27-Z07-H	●	80	7	27	50	16				2508-M10x30
AFM90-AP16P-D100-A32-Z08-H	●	100	8	32	50	16				2510-M12x35
AFM90-AP1705-D050-A22-Z05-H	●	50	5	22	40	16	AP.. 1705.. TGTC-LMN UCUNA UYGUNDUR. FOR TGTC-LMN INSERT.			2514-M16x35
AFM90-AP1705-D063-A22-Z06-H	●	63	6	22	40	16				2508-M10x30
AFM90-AP1705-D080-A27-Z07-H	●	80	7	27	50	16				2510-M12x35
AFM90-AP1705-D100-A32-Z08-H	●	100	8	32	50	16				2514-M16x35

R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item

Sipariş Örneği/Ordering Example : 1 ad./pcs. AFM90-AP10-D040-A16-Z05-H

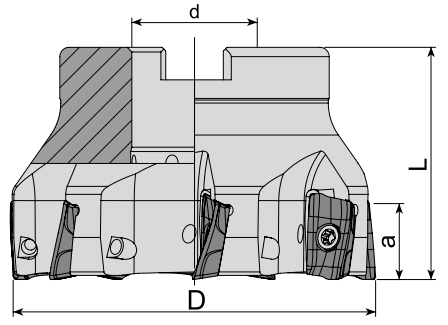
Kesme Hesabı : S 271 / Cutting Calculation : P 271

Montaj Ölçüleri : S 269 / Mounting Reference : P 269



Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)					Kesici Uç Insert	Yedek Parçaları Spare Parts		
		D	Z	d	L	a		Sıkma Vidası Screw	Tork Anahtar Torx Key	Montaj Vidası Mounting Screw
AFM90-AX1235-D040-A16-Z06-H	●	40	6	16	40	10	AX.T 1235..	3108-M3x6	80-T08	2506-M8x30
AFM90-AX1235-D050-A22-Z07-H	●	50	7	22	40	10				2508-M10x30
AFM90-AX1235-D063-A22-Z08-H	●	63	8	22	40	10				2510-M12x35
AFM90-AX1235-D080-A27-Z10-H	●	80	10	27	50	10				2506-M8x30
AFM90-AX1705-D040-A16-Z04-H	●	40	4	16	40	14	AX.T 1705..	4015-M4x11	80-T15	2506-M8x30
AFM90-AX1705-D050-A22-Z05-H	●	50	5	22	40	14				2508-M10x30
AFM90-AX1705-D063-A22-Z06-H	●	63	6	22	40	14				2510-M12x35
AFM90-AX1705-D080-A27-Z07-H	●	80	7	27	50	14				2514-M16x35
AFM90-AX1705-D100-A32-Z08-H	●	100	8	32	50	14				

SMTM Ucuna Uygun. / Compatible with SMTM Insert.

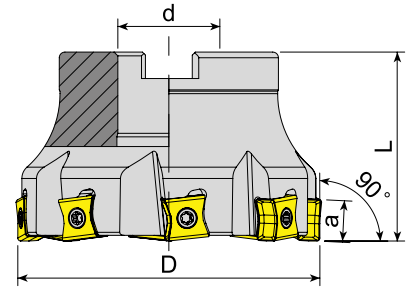


Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)					Kesici Uç Insert	Yedek Parçaları Spare Parts		
		D	Z	d	L	a		Sıkma Vidası Screw	Tork Anahtar Torx Key	Montaj Vidası Mounting Screw
AFM90-BD1704-D050-A22-Z05-H	●	50	5	22	40	15.7	BDMT 1704..	1515-M4x11	80-T15	2508-M10x30
AFM90-BD1704-D063-A22-Z06-H	●	63	6	22	40	15.7				2510-M12x35
AFM90-BD1704-D080-A27-Z07-H	●	80	7	27	50	15.7				

R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item  
KYCR Ucuna Uygun. / Compatible with KYCR Insert.

Sipariş Örneği/Ordering Example : 1 ad./pcs. AFM90-AX1235-D040-A16-Z06-H  
Kesme Hesabı : S 271 / Cutting Calculation : P 271  
Montaj Ölçüleri : S 269 / Mounting Reference : P 269

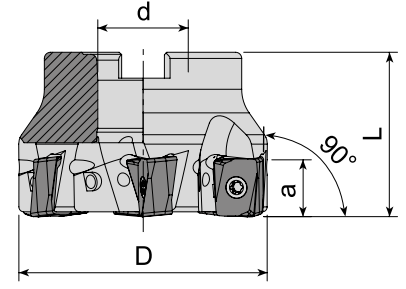




Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)					Kesici Uç Insert	Yedek Parçaları Spare Parts		
		D	Z	d	L	a		Sıkma Vidası Screw	Tork Anahtar Torx Key	Montaj Vidası Torx Key
AFM90-LN1106-D050-A22-Z05	●	50	5	22	40	10	LNMT 1106..	4015-M3.5x11	80-T15	2508-M10x30
AFM90-LN1106-D063-A22-Z06	●	63	6	22	40	10				2510-M12x35
AFM90-LN1106-D080-A27-Z08	●	80	8	27	50	10				2514-M16x35
AFM90L-LN1106-D080-A27-Z08	●	80	8	27	50	10				-
AFM90-LN1106-D100-A32-Z09	●	100	9	32	50	10				2506-M8x30
AFM90L-LN1106-D100-A32-Z09	●	100	9	32	50	10				2508-M10x30
AFM90-LN1106-D125-B40-Z10	●	125	10	40	63	10				2510-M12x35
AFM90-LN1306-D040-A16-Z04-H	●	40	4	16	40	12.5	LNMT 1306..	4015-M4x11	80-T15	2514-M16x35
AFM90-LN1306-D050-A22-Z05-H	●	50	5	22	40	12.5				2506-M8x30
AFM90-LN1306-D063-A22-Z06-H	●	63	6	22	40	12.5				2508-M10x30
AFM90-LN1306-D080-A27-Z07-H	●	80	7	27	50	12.5				2510-M12x35
AFM90-LN1306-D100-A32-Z08-H	●	100	8	32	50	12.5				2514-M16x35
AFM90L-LN1506-D040-A16-Z04	●	40	4	16	40	14	LNMT 1506..	4015-M4x9	80-T20	2506-M8x30
AFM90-LN1506-D040-A16-Z04	○	40	4	16	40	14				2508-M10x30
AFM90-LN1506-D050-A22-Z05	○	50	5	22	40	14				2510-M12x35
AFM90-LN1506-D063-A22-Z06	○	63	6	22	40	14				2514-M16x35
AFM90-LN1506-D080-A27-Z07	○	80	7	27	50	14				2508-M10x30
AFM90-LN1607-D050-A22-Z03-H	●	50	3	22	40	16	LNHT 1607..	4420-M5x14	80-T20	2510-M12x35
AFM90-LN1607-D063-A22-Z04	○	63	4	22	40	16				2508-M10x30
AFM90-LN1607-D080-A27-Z05	○	80	5	27	50	16				2514-M16x35
AFM90-LN1607-D100-A32-Z06-H	●	100	6	32	50	16				2508-M10x30

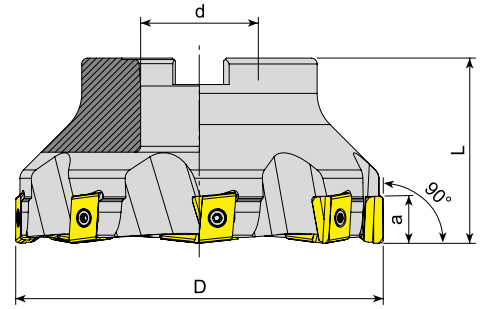
R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item  
ISCR Ucuna Uygunudur. / Compatible with ISCR Insert.

Sipariş Örneği/Ordering Example : 1 ad./pcs. AFM90-LN1106-D050-A22-Z05  
Kesme Hesabı : S 271 / Cutting Calculation : P 271  
Montaj Ölçüleri : S 269 / Mounting Reference : P 269



Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)					Kesici Uç Insert	Yedek Parçaları Spare Parts		
		D	Z	d	L	a		Sıkma Vidası Screw	Tork Anahtar Torx Key	Montaj Vidası Mounting Screw
AFM90-LN1307-D050-A22-Z04-H	●	50	4	22	40	13	LNGX 1307..	1315-M4x11	80-T15	2508-M10x30
AFM90-LN1307-D063-A22-Z06-H	●	63	6	22	40	13				2510-M12x35
AFM90-LN1307-D080-A27-Z07-H	●	80	7	27	50	13				2514-M16x35
AFM90-LN1307-D100-A32-Z08-H	●	100	8	32	50	13				-

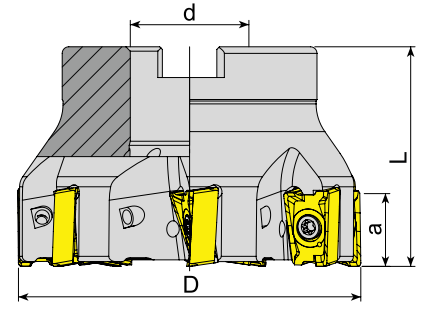
WLTR Ucuna Uygundur. / Compatible with WLTR Insert.



Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)					Kesici Uç Insert	Yedek Parçaları Spare Parts		
		D	Z	d	L	a		Sıkma Vidası Screw	Tork Anahtar Torx Key	Montaj Vidası Mounting Screw
AFM90-LN15Z-D050-A22-Z04	●	50	4	22	40	15	LNKT 1506..	1515-M4x11	80-T15	2508-M10x30
AFM90-LN15Z-D063-A22-Z05	●	63	5	22	40	15				2510-M12x35
AFM90-LN15Z-D080-A27-Z06	●	80	6	27	50	15				2514-M16x35
AFM90-LN15Z-D100-A32-Z07	●	100	7	32	50	15				-
AFM90-LN15Z-D125-B40-Z08	●	125	8	40	63	15				-

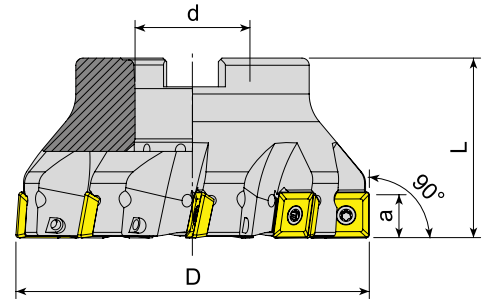
R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item  
ZCC Ucuna Uygundur. / Compatible with ZCC Insert.

Sipariş Örneği/Ordering Example : 1 ad./pcs. AFM90-LN1307-D050-A22-Z04-H  
Kesme Hesabı : S 271 / Cutting Calculation : P 271  
Montaj Ölçüleri : S 269 / Mounting Reference : P 269



Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)					Kesici Uç Insert	Yedek Parçaları Spare Parts		
		D	Z	d	L	a		Sıkma Vidası Screw	Tork Anahtar Torx Key	Montaj Vidası Mounting Screw
AFM90-LN15T6-D050-A22-Z05-H	●	50	5	22	40	15.5	LNGU 15T6..	4015-M4x12	80-T15	2508-M10x30
AFM90-LN15T6-D063-A22-Z06-H	●	63	6	22	40	15.5				2510-M12x35
AFM90-LN15T6-D080-A27-Z07-H	●	80	7	27	50	15.5				

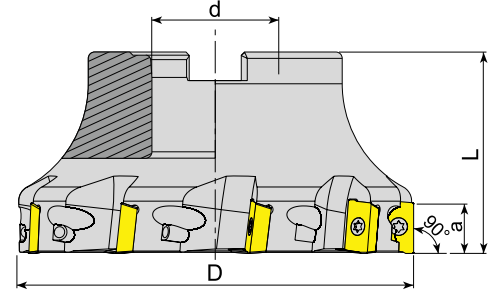
KNMTL Ucuna Uygunudur. / Compatiple with KNMTL Insert.



Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)					Kesici Uç Insert	Yedek Parçaları Spare Parts		
		D	Z	d	L	a		Sıkma Vidası Screw	Tork Anahtar Torx Key	Montaj Vidası Mounting Screw
AFM90-R290.12-D050-A22-Z04-H	●	50	4	22	40	10.7	R290-12T3..	4015-M3.5x11	80-T15	2508-M10x30
AFM90-R290.12-D063-A22-Z05-H	●	63	5	22	40	10.7				2510-M12x35
AFM90-R290.12-D080-A27-Z07-H	●	80	7	27	50	10.7				2514-M16x35
AFM90-R290.12-D100-A32-Z09-H	●	100	9	32	50	10.7				
AFM90-R290.12-D125-B40-Z11	●	125	11	40	63	10.7				

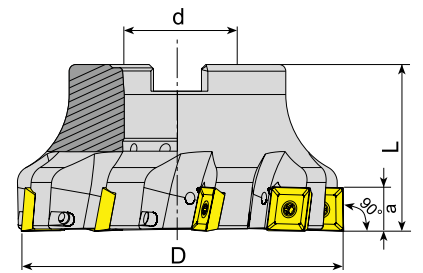
R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item  
SNDVK Ucuna Uygunudur. / Compatiple with SNDVK Insert.

Sipariş Örneği/Ordering Example : 1 ad./pcs. AFM90-LN15T6-D050-A22-Z05-H  
Kesme Hesabı : S 271 / Cutting Calculation : P 271  
Montaj Ölçüleri : S 269 / Mounting Reference : P 269



Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)					Kesici Uç Insert	Yedek Parçaları Spare Parts		
		D	Z	d	L	a		Sıkma Vidası Screw	Tork Anahtar Torx Key	Montaj Vidası Mounting Screw
AFM90-R390.11-D040-A16-Z05-H	●	40	5	16	40	10	R390-11T3..	3008-M2.5x6	80-T08	2506-M8x30
AFM90-R390.11-D050-A22-Z06-H	●	50	6	22	40	10				2508-M10x30
AFM90-R390.11-D063-A22-Z07-H	●	63	7	22	40	10				2510-M12x35
AFM90-R390.11-D080-A27-Z09-H	●	80	9	27	50	10				-
AFM90-R390.17-D040-A16-Z04-H	●	40	4	16	40	15.4	R390-1704..	4015-M3.5x11	80-T15	2506-M8x30
AFM90-R390.17-D050-A22-Z05-H	●	50	5	22	40	15.4				2508-M10x30
AFM90-R390.17-D063-A22-Z06-H	●	63	6	22	40	15.4				2510-M12x35
AFM90-R390.17-D080-A27-Z07-H	●	80	7	27	50	15.4				2514-M16x35
AFM90-R390.17-D100-A32-Z08-H	●	100	8	32	50	15.4				-
AFM90-R390.17-D125-B40-Z09	●	125	9	40	63	15.4	-	-	-	
AFM90-R390.18-D050-A22-Z04-H	●	50	4	22	40	15.4	R390-1806..	1515-M4x11	-	2508-M10x30
AFM90-R390.18-D063-A22-Z05-H	●	63	5	22	40	15.4				2510-M12x35
AFM90-R390.18-D080-A27-Z06-H	●	80	6	27	50	15.4				2514-M16x35
AFM90-R390.18-D100-A32-Z07-H	●	100	7	32	50	15.4				-
AFM90-R390.18-D125-B40-Z08	●	125	8	40	63	15.4				-

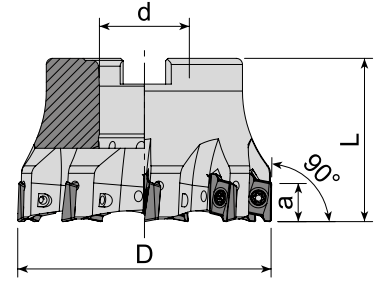
SNDVK Ucuna Uygunudur. / Compatible with SNDVK Insert.



Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)					Kesici Uç Insert	Yedek Parçaları Spare Parts		
		D	Z	d	L	a		Sıkma Vidası Screw	Tork Anahtar Torx Key	Montaj Vidası Mounting Screw
AFM90-490R14-D050-A22-Z04-H	●	50	4	22	40	10	490R-1404..	4015-M3.5x11	80-T15	2508-M10x30
AFM90-490R14-D063-A22-Z05-H	●	63	5	22	40	10				2510-M12x35
AFM90-490R14-D080-A27-Z07-H	●	80	7	27	50	10				-

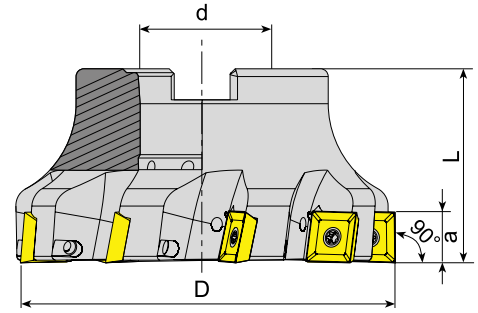
R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item  
SNDVK Ucuna Uygunudur. / Compatible with SNDVK Insert.

Sipariş Örneği/Ordering Example : 1 ad./pcs. AFM90-R390.11-D040-A16-Z05-H  
Kesme Hesabı : S 271 / Cutting Calculation : P 271  
Montaj Ölçüleri : S 269 / Mounting Reference : P 269



Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)					Kesici Uç Insert	Yedek Parçaları Spare Parts		
		D	Z	d	L	a		Sıkma Vidası Screw	Tork Anahtar Torx Key	Montaj Vidası Mounting Screw
AFM90-RT10-D040-A16-Z06-H	●	40	6	16	40	10	RT 1003..	3008-M2.5x6	80-T08	2506-M8x30
AFM90-RT10-D050-A22-Z07-H	●	50	7	22	40	10				2407-M10x30
AFM90-RT10-D063-A22-Z09-H	●	63	9	22	40	10				

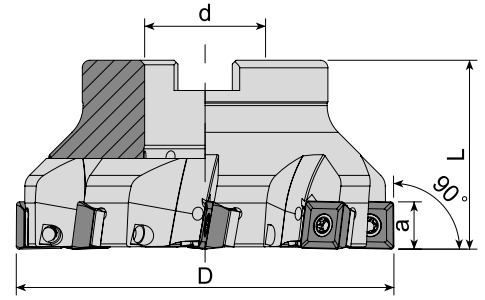
SFTY Ucuna Uygundur. / Compatiple with SFTY Insert.



Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)					Kesici Uç Insert	Yedek Parçaları Spare Parts		
		D	Z	d	L	a		Sıkma Vidası Screw	Tork Anahtar Torx Key	Montaj Vidası Mounting Screw
AFM90-SD09M4-D040-A16-Z04-H	●	40	4	16	40	9	SD.. 09M4..	4015-M3.5x11	80-T15	2406-M8x30
AFM90-SD09M4-D050-A22-Z05-H	●	50	5	22	40	9				2508-M10x30
AFM90-SD09M4-D063-A22-Z06-H	●	63	6	22	40	9				
AFM90-SD1305-D050-A22-Z04-H	●	50	4	22	40	13	SD.. 1305..	1020-M5x11	80-T20	2408-M10x30
AFM90-SD1305-D063-A22-Z05-H	●	63	5	22	40	13				2508-M10x30
AFM90-SD1305-D080-A27-Z06-H	●	80	6	27	50	13				2510-M12x35
AFM90-SD1305-D100-A32-Z07-H	●	100	7	32	50	13				2514-M16x35
AFM90-SD1305-D125-B40-Z08	●	125	8	40	63	13				
AFM90-SD1305-D160-C40-Z10	●	160	10	40	63	13				-

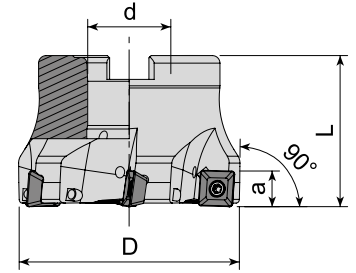
R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item  
KRLY Ucuna Uygundur. / Compatiple with KRLY Insert.

Sipariş Örneği/Ordering Example : 1 ad./pcs. AFM90-RT10-D040-A16-Z06-H  
Kesme Hesabı : S 271 / Cutting Calculation : P 271  
Montaj Ölçüleri : S 269 / Mounting Reference : P 269



Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)					Kesici Uç Insert	Yedek Parçaları Spare Parts				
		D	Z	d	L	a		Altık Screw	Altık Vidası Wedge Clamp	Sıkma Vidası Screw	Tork Anahtar Torx Key	Montaj Vidası Mounting Screw
AFM90S-SD1204-D050-A22-Z04-H	●	50	4	22	40	11	SDMT 1204..	AASD-3-0001	AAV-06-M3.5x11	4015-M3.5x14	80-T15	2408-M10x30
AFM90S-SD1204-D063-A22-Z05-H	●	63	5	22	40	11						2508-M10x30
AFM90S-SD1204-D080-A27-Z06-H	●	80	6	27	50	11						2510-M12x35
AFM90S-SD1204-D100-A32-Z08-H	●	100	8	32	50	11						2514-M16x35
AFM90S-SD1204-D125-B40-Z10	●	125	10	40	63	11						-
AFM90S-SD1204-D160-C40-Z12	●	160	12	40	63	11						-

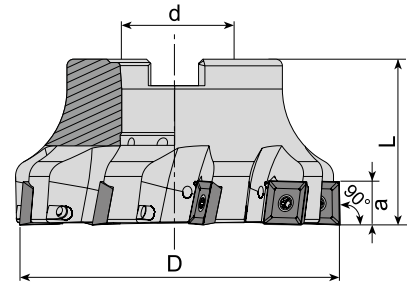
DJT Ucuna Uygunudur. / Compatible with DJT Insert.



Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)					Kesici Uç Insert	Yedek Parçaları Spare Parts		
		D	Z	d	L	a		Sıkma Vidası Screw	Tork Anahtar Torx Key	Montaj Vidası Mounting Screw
AFM90-SE09-D040-A16-Z04-H	●	40	4	16	40	6.7	SEET 09T3..	1008-M3x8	80-T08	2506-M8x30
AFM90-SE09-D050-A22-Z05-H	●	50	5	22	40	6.7				2508-M10x30
AFM90-SE09-D063-A22-Z06-H	●	63	6	22	40	6.7				-

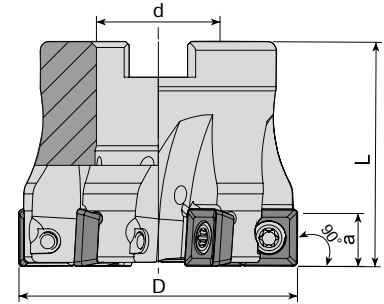
R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item  
ZCC Ucuna Uygunudur. / Compatible with ZCC Insert.

Sipariş Örneği/Ordering Example : 1 ad./pcs. AFM90S-SD1204-D050-A22-Z04-H  
Kesme Hesabı : S 271 / Cutting Calculation : P 271  
Montaj Ölçüleri : S 269 / Mounting Reference : P 269



Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)					Kesici Uç Insert	Yedek Parçaları Spare Parts		
		D	Z	d	L	a		Sıkma Vidası Screw	Tork Anahtar Torx Key	Montaj Vidası Mounting Screw
AFM90-SE12-D050-A22-Z04-H	●	50	4	22	40	12	SEET 1203..	4015-M3.5x11	80-T15	2508-M10x30 2510-M12x35 2514-M16x35 -
AFM90-SE12-D063-A22-Z05-H	●	63	5	22	40	12				
AFM90-SE12-D080-A27-Z07-H	●	80	7	27	50	12				
AFM90-SE12-D100-A32-Z09-H	●	100	9	32	50	12				
AFM90-SE12-D125-B40-Z11	●	125	11	40	63	12				

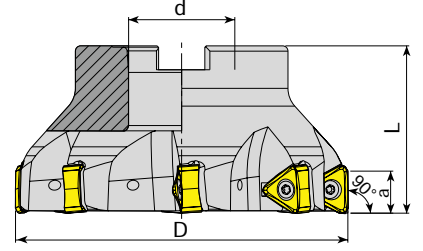
ZCC Ucuna Uygundur. / Compatible with ZCC Insert.



Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)					Kesici Uç Insert	Yedek Parçaları Spare Parts		
		D	Z	d	L	a		Sıkma Vidası Screw	Tork Anahtar Torx Key	Montaj Vidası Mounting Screw
AFM90-SP1004-D040-A16-Z04-H	●	40	4	16	40	9.4	SPMT 1004.. XPMT 1004.. QPMR 1004.. QPMT 1004..	4015-M4x10	80-T15	2506-M8x30
AFM90-SP1004-D050-A22-Z06-H	●	50	6	22	40	9.4				2508-M10x30

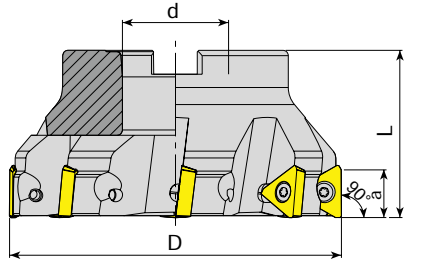
R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item  
ISCR Ucuna Uygundur. / Compatible with ISCR Insert.

Sipariş Örneği/Ordering Example : 1 ad./pcs. AFM90-SE12-D050-A22-Z04-H  
Kesme Hesabı : S 271 / Cutting Calculation : P 271  
Montaj Ölçüleri : S 269 / Mounting Reference : P 269



Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)					Kesici Uç Insert	Yedek Parçaları Spare Parts		
		D	Z	d	L	a		Sıkma Vidası Screw	Tork Anahtar Torx Key	Montaj Vidası Mounting Screw
AFM90-TN2207-D063-A22-Z04-H	●	63	4	22	40	15	TN.X 2207..	1120-M4.5x12	80-T20	2508-M10x30
AFM90-TN2207-D080-A27-Z05-H	●	80	5	27	50	15				2510-M12x35
AFM90-TN2207-D100-B32-Z06	●	100	6	32	50	15				-
AFM90-TN2207-D125-B40-Z08	●	125	8	40	63	15				-

TGTC Ucuna Uygundur. / Compatiple with TGTC Insert.

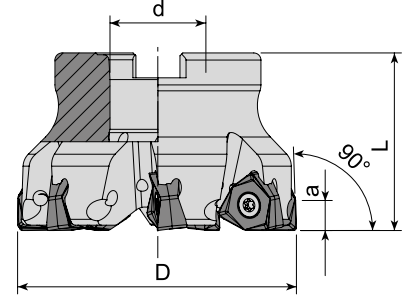


Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)					Kesici Uç Insert	Yedek Parçaları Spare Parts		
		D	Z	d	L	a		Sıkma Vidası Screw	Tork Anahtar Torx Key	Montaj Vidası Mounting Screw
AFM90-TP2205-D063-A22-Z04	●	63	4	22	40	18	TPKT 2205..	1120-M4.5x12	80-T20	2508-M10x30
AFM90-TP2205-D080-A27-Z06	●	80	6	27	50	18				2510-M12x35
AFM90-TP2205-D100-A32-Z07	●	100	7	32	50	18				2514-M16x35
AFM90-TP2205-D125-B40-Z08	●	125	8	40	63	18				-
AFM90-TP2205-D160-C40-Z09	●	160	9	40	63	18				-
AFM90-TP2205-D200-C60-Z12	●	200	12	60	63	18				-

R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item  
TGTC Ucuna Uygundur. / Compatiple with TGTC Insert.

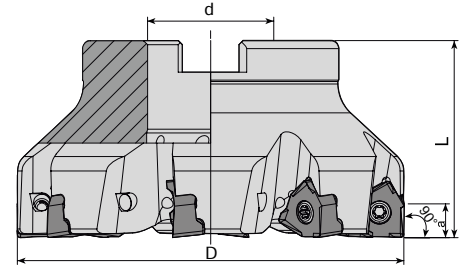
Sipariş Örneği/Ordering Example : 1 ad./pcs. AFM90-TN2207-D063-A22-Z04-H  
Kesme Hesabı : S 271 / Cutting Calculation : P 271  
Montaj Ölçüleri : S 269 / Mounting Reference : P 269





Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)					Kesici Uç Insert	Yedek Parçaları Spare Parts				
		D	Z	d	L	a		Sıkma Vidası Screw	Tork Anahtar Torx Key	Montaj Vidası Mounting Screw		
AFM90-WN0806-D050-A16-Z04-H	●	50	4	16	40	8	WMMX 080608			2506-M8x30		
AFM90-WN0806-D063-A22-Z05-H	●	63	5	22	40	8				1615-M5x14	80-T15	2508-M10x30
AFM90-WN0806-D080-A27-Z07-H	●	80	7	27	50	8						2510-M12x35

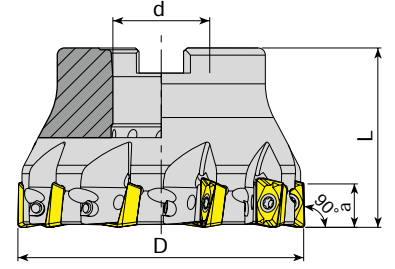
KYCR-JD Ucuna Uygun. / Compatible with KYCR-JD Insert.



Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)					Kesici Uç Insert	Yedek Parçaları Spare Parts				
		D	Z	d	L	a		Sıkma Vidası Screw	Tork Anahtar Torx Key	Montaj Vidası Mounting Screw		
AFM90-XN0806-D050-A22-Z04-H	●	50	4	22	40	7.5	XNEX 0806..			2508-M10x30		
AFM90-XN0806-D063-A22-Z05-H	●	63	5	22	40	7.5				4015-M4x11	80-T15	2510-M12x35
AFM90-XN0806-D080-A27-Z07-H	●	80	7	27	50	7.5						2514-M16x35
AFM90-XN0806-D100-A32-Z08-H	●	100	8	32	50	7.5						

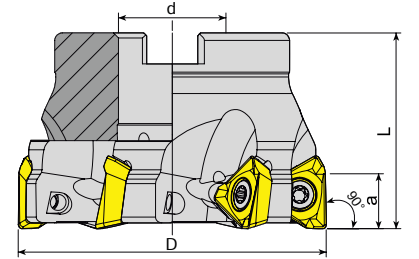
R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item  
SC Ucuna Uygun. / Compatible with SC Insert.

Sipariş Örneği/Ordering Example : 1 ad./pcs. AFM90-WN0806-D050-A16-Z04-H  
Kesme Hesabı : S 271 / Cutting Calculation : P 271  
Montaj Ölçüleri : S 269 / Mounting Reference : P 269



Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)					Kesici Uç Insert	Yedek Parçaları Spare Parts		
		D	Z	d	L	a		Sıkma Vidası Screw	Tork Anahtar Torx Key	Montaj Vidası Mounting Screw
AFM90-X012-D040-A16-Z05-H	●	40	5	16	40	11	XO.. 1204..			2506-M8x30
AFM90-X012-D050-A22-Z07-H	●	50	7	22	40	11				2508-M10x30
AFM90-X012-D063-A22-Z08-H	●	63	8	22	40	11				2510-M12x35
AFM90-X012-D080-A27-Z10-H	●	80	10	27	50	11				2514-M16x35
AFM90-X012-D100-A32-Z12-H	●	100	12	32	50	11				

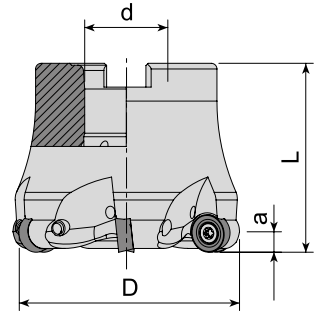
SC Ucuna Uygundur. / Compatible with SC Insert.



Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)					Kesici Uç Insert	Yedek Parçaları Spare Parts		
		D	Z	d	L	a		Sıkma Vidası Screw	Tork Anahtar Torx Key	Montaj Vidası Mounting Screw
AFM90-3P1004-D040-A16-Z05-H	●	40	5	16	40	7	3PKT 1004..			2506-M8x30
AFM90-3P1004-D050-A22-Z06-H	●	50	6	22	40	7				2508-M10x30
AFM90-3P1505-D050-A22-Z04-H	●	50	4	22	40	11	3PKT 1505..			2508-M10x30
AFM90-3P1505-D050-A22-Z05-H	●	50	5	22	40	11				2510-M12x35
AFM90-3P1505-D063-A22-Z04-H	●	63	4	22	40	11				2514-M16x35
AFM90-3P1505-D063-A22-Z06-H	●	63	6	22	40	11				

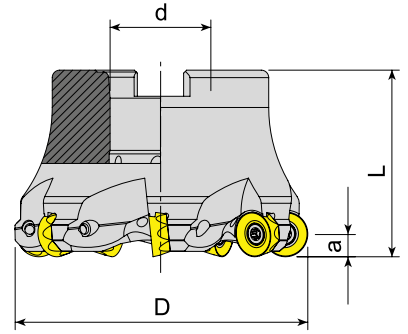
R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item  
TGTC Ucuna Uygundur. / Compatible with TGTC Insert.

Sipariş Örneği/Ordering Example : 1 ad./pcs. AFM90-X012-D040-A16-Z05-H  
Kesme Hesabı : S 271 / Cutting Calculation : P 271  
Montaj Ölçüleri : S 269 / Mounting Reference : P 269



Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)					Kesici Uç Insert	Yedek Parçaları Spare Parts				
		D	Z	d	L	a		Sıkma Vidası Screw	Tork Anahtar Torx Key	Montaj Vidası Mounting Screw		
AFMR-RC10T3-D040-A16-Z04-H	●	40	4	16	40	5	RC.. 10T3..			2406-M8x30		
AFMR-RC10T3-D050-A22-Z05-H	●	50	5	22	50	5				1515-M4x11	80-T15	2508-M10x30
AFMR-RC10T3-D063-A22-Z06-H	●	63	6	22	50	5						

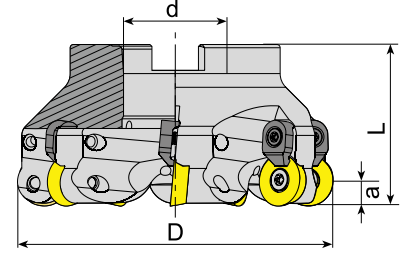
ZCC Ucuna Uygundur. / Compatiple with ZCC Insert.



Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)					Kesici Uç Insert	Yedek Parçaları Spare Parts				
		D	Z	d	L	a		Sıkma Vidası Screw	Tork Anahtar Torx Key	Montaj Vidası Mounting Screw		
AFMR-RC1204-D040-A16-Z04-H	●	40	4	16	40	6	RC.. 1204..			2506-M8x30		
AFMR-RC1204-D052-A22-Z05-H	●	52	5	22	50	6				4015-M3.5x11	80-T15	2508-M10x30
AFMR-RC1204-D050-A22-Z05-H	●	50	5	22	50	6						
AFMR-RC1204-D063-A22-Z06-H	●	63	6	22	50	6						
AFMR-RC1204-D080-A27-Z07-H	●	80	7	27	50	6						2510-M12x35

R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item  
SNDVK Ucuna Uygundur. / Compatiple with SNDVK Insert.

Sipariş Örneği/Ordering Example : 1 ad./pcs. AFMR-RC10T3-D040-A16-Z04-H  
Kesme Hesabı : S 271 / Cutting Calculation : P 271  
Montaj Ölçüleri : S 269 / Mounting Reference : P 269



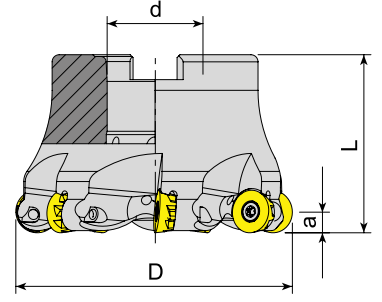
Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)					Kesici Uç Insert	Yedek Parçaları Spare Parts				
		D	Z	d	L	a		Sıkma Vidası Screw	Baskı Parçası Wedge Clamp	Baskı Vidası Clamp Screw	Tork Anahtar Torx Key	Montaj Vidası Mounting Screw
AFMR-RD0702-D050-A22-Z06-H	●	50	6	22	40	3.5	RD.. 0702..	3008-M2.5x6	-	-	80-T08	2407-M10x30
AFMR-RD0803-D050-A22-Z05-H	●	50	5	22	40	4	RD.. 0803..	1008-M3x8	-	-	80-T08	2407-M10x30
AFMRC-RD1003-D040-A16-Z04-H	●	40	4	16	40	5	RD.. 1003..					2406-M8x30
AFMRC-RD1003-D050-A22-Z05-H	●	50	5	22	50	5						2508-M10x30
AFMRC-RD1003-D063-A22-Z06-H	●	63	6	22	50	5						2510-M12x35
AFMRC-RD1003-D080-A27-Z07-H	●	80	7	27	50	5						2514-M16x35
AFMRC-RD1003-D100-A32-Z08-H	●	100	8	32	50	5						2514-M16x35
AFMRC-RD10T3-D050-A22-Z05-H	●	50	5	22	50	5	RD.. 10T3..					2508-M10x30
AFMRC-RD10T3-D063-A22-Z06-H	●	63	6	22	50	5						2406-M8x30
AFMRC-RD12T3-D040-A16-Z04-H	●	40	4	16	40	6	RD.. 12T3..	4015-M3.5x11	ACK-15	1015-M3.5x11	80-T15	2508-M10x30
AFMRC-RD12T3-D050-A22-Z05-H	●	50	5	22	50	6						2510-M12x35
AFMRC-RD12T3-D052-A22-Z05-H	●	52	5	22	50	6						2514-M16x35
AFMRC-RD12T3-D063-A22-Z06-H	●	63	6	22	50	6						-
AFMRC-RD12T3-D080-A27-Z07-H	●	80	7	27	50	6						2406-M8x30
AFMRC-RD12T3-D100-A32-Z08-H	●	100	8	32	50	6						2508-M10x30
AFMRC-RD12T3-D125-B40-Z09	●	125	9	40	63	6						2510-M12x35
AFMRC-RD1204-D040-A16-Z04-H	●	40	4	16	40	6	RD.. 1204..					2514-M16x35
AFMRC-RD1204-D050-A22-Z05-H	●	50	5	22	50	6						-
AFMRC-RD1204-D052-A22-Z05-H	●	52	5	22	50	6						2406-M8x30
AFMRC-RD1204-D063-A22-Z06-H	●	63	6	22	50	6						2508-M10x30
AFMRC-RD1204-D080-A27-Z07-H	●	80	7	27	50	6						2510-M12x35
AFMRC-RD1204-D100-A32-Z07-H	●	100	7	32	50	6						2514-M16x35
AFMRC-RD1204-D100-A32-Z08-H	●	100	8	32	50	6						2514-M16x35
AFMRC-RD1604-D050-A22-Z04-H	●	50	4	22	50	8	RD.. 1604..	1515-M4.5x11	ACK-05	1515-M4x11		2408-M10x30
AFMRC-RD1604-D052-A22-Z04-H	●	52	4	22	50	8						2508-M10x30
AFMRC-RD1604-D063-A22-Z05-H	●	63	5	22	50	8						2510-M12x35
AFMRC-RD1604-D066-A22-Z05-H	●	66	5	22	50	8						2514-M16x35
AFMRC-RD1604-D066-A27-Z05-H	●	66	5	27	50	8						-
AFMRC-RD1604-D080-A27-Z06-H	●	80	6	27	50	8						2408-M10x30
AFMRC-RD1604-D100-A32-Z07-H	●	100	7	32	50	8						2508-M10x30
AFMRC-RD1604-D100-A32-Z08-H	●	100	8	32	50	8						2510-M12x35
AFMRC-RD1604-D125-B40-Z07	●	125	7	40	63	8	2514-M16x35					

R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item  
ISO Ucuna Uygundur. / Compatible with ISO Insert.

Sipariş Örneği/Ordering Example : 1 ad./pcs. AFMR-RD0702-D050-A22-Z06-H

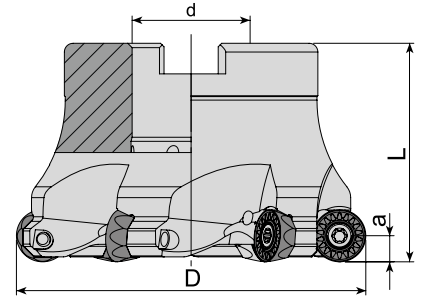
Kesme Hesabı : S 271 / Cutting Calculation : P 271

Montaj Ölçüleri : S 269 / Mounting Reference : P 269



Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)					Kesici Uç Insert	Yedek Parçaları Spare Parts		
		D	Z	d	L	a		Sıkma Vidası Screw	Tork Anahtar Torx Key	Montaj Vidası Mounting Screw
AFMR-RP10T3-D063-A22-Z06-H	●	63	6	22	40	5	RPNX 10T3..	4010-M3x8	80-T10	2508-M10x30
AFMR-RP10T3-D080-A27-Z07-H	●	80	7	27	50	5				2510-M12x35
AFMR-RP1204-D040-A16-Z04-H	●	40	4	16	40	6	RPNX 1204..	4015-M3.5x11	80-T15	2406-M8x30
AFMR-RP1204-D080-A27-Z07-H	●	80	7	27	50	6				2510-M12x35

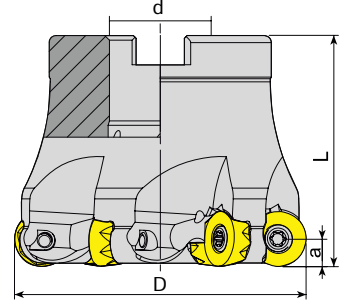
CRTZT Ucuna Uygun. / Compatiple with CRTZT Insert.



Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)					Kesici Uç Insert	Yedek Parçaları Spare Parts		
		D	Z	d	L	a		Sıkma Vidası Screw	Tork Anahtar Torx Key	Montaj Vidası Mounting Screw
AFMR-RP1204M-D050-A22-Z04-H	●	50	4	22	50	6	RPMT 1204..	4015-M4x11	80-T15	2508-M10x30
AFMR-RP1204M-D052-A22-Z05-H	●	52	5	22	50	6				2510-M12x35
AFMR-RP1204M-D063-A22-Z05-H	●	63	5	22	50	6				
AFMR-RP1204M-D080-A27-Z06-H	●	80	6	27	50	6				

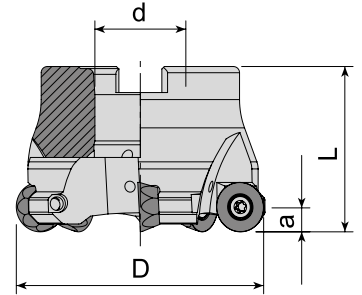
R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item  
MTSBH Ucuna Uygun. / Compatiple with MTSBH Insert.

Sipariş Örneği/Ordering Example : 1 ad./pcs. AFMR-RP10T3-D063-A22-Z06-H  
Kesme Hesabı : S 271 / Cutting Calculation : P 271  
Montaj Ölçüleri : S 269 / Mounting Reference : P 269



Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)					Kesici Uç Insert	Yedek Parçaları Spare Parts		
		D	Z	d	L	a		Sıkma Vidası Screw	Tork Anahtar Torx Key	Montaj Vidası Mounting Screw
AFMR-RY10-D040-A16-Z04-H	●	40	4	16	40	5	RYMX 1004..	4015-M3.5x8	80-T15	2406-M8x30
AFMR-RY10-D050-A22-Z05-H	●	50	5	22	50	5				2508-M10x30
AFMR-RY10-D063-A22-Z06-H	●	63	6	22	50	5				2406-M8x30
AFMR-RY12-D040-A16-Z04-H	●	40	4	16	40	6	RYMX 1205..	4015-M4x11	80-T15	2406-M8x30
AFMR-RY12-D050-A22-Z05-H	●	50	5	22	50	6				2508-M10x30
AFMR-RY12-D052-A22-Z05-H	●	52	5	22	50	6				
AFMR-RY12-D063-A22-Z06-H	●	63	6	22	50	6				

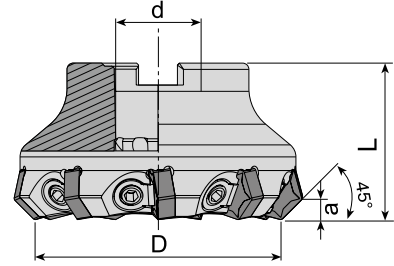
TGTC Ucuna Uygundur. / Compatible with TGTC Insert.



Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)					Kesici Uç Insert	Yedek Parçaları Spare Parts		
		D	Z	d	L	a		Sıkma Vidası Screw	Tork Anahtar Torx Key	Montaj Vidası Mounting Screw
AFMR-QP10T3-D040-A16-Z04-H	●	40	4	16	40	5	QP.. 10T3..	4015-M3.5x11	80-T15	2506-M8x30
AFMR-QP10T3-D050-A22-Z05-H	●	50	5	22	40	5				2407-M10x30
AFMR-QP10T3-D063-A22-Z06-H	●	63	6	22	40	5				
AFMR-QP1204-D050-A22-Z04-H	●	50	4	22	40	6	QP.. 1204..	1515-M4x11		
AFMR-QP1204-D063-A22-Z05-H	●	63	5	22	40	6				

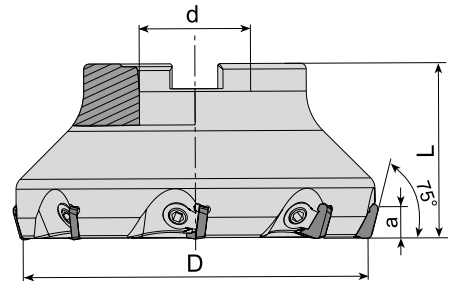
R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item  
SMTM Ucuna Uygundur. / Compatible with SMTM Insert.

Sipariş Örneği/Ordering Example : 1 ad./pcs. AFMR-RY10-D040-A16-Z04-H  
Kesme Hesabı : S 271 / Cutting Calculation : P 271  
Montaj Ölçüleri : S 269 / Mounting Reference : P 269



Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)					Kesici Uç Insert	Yedek Parçaları Spare Parts			
		D	Z	d	L	a		Baskı Pabucu Wedge Clamp	Baskı Vidası Clamp Screw	Anahtar Allen Key	Montaj Vidası Mounting Screw
AFM45C-HN0905-D063-A22-Z07	●	63	7	22	40	4.5	HN.. 0905..	ACK-11	AKV-15-M8x1x20	AAL-05-4	2508-M10x30
AFM45C-HN0905-D080-A27-Z09	●	80	9	27	50	4.5					2510-M12x35
AFM45C-HN0905-D100-A32-Z11	●	100	11	32	50	4.5					2514-M16x35
AFM45C-HN0905-D125-B40-Z13	●	125	13	40	63	4.5					-
AFM45CL-HN0905-D125-B40-Z10	●	125	10	40	63	4.5					-
AFM45C-HN0905-D160-C40-Z15	●	160	15	40	63	4.5					-

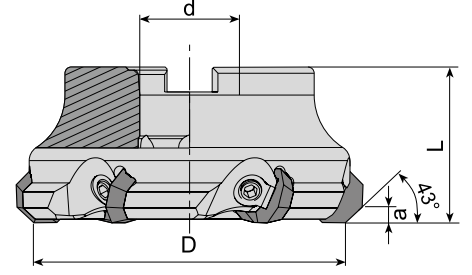
WDA-KNMTL Ucuna Uygundur. / Compatible with WDA-KNMTL Insert.



Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)					Kesici Uç Insert	Yedek Parçaları Spare Parts			
		D	Z	d	L	a		Baskı Pabucu Wedge Clamp	Baskı Vidası Clamp Screw	Anahtar Allen Key	Montaj Vidası Mounting Screw
AFM75C-SP12-D050-A22-Z04	●	50	4	22	42	8	SPKN 1203..	ACK-10	AKV-13-M8x1x16	AAL-05-4	2508-M10x30
AFM75C-SP12-D063-A22-Z05	●	63	5	22	40	8					2510-M12x35
AFM75C-SP12-D080-A27-Z06	●	80	6	27	50	8					2514-M16x35
AFM75C-SP12-D100-A32-Z07	●	100	7	32	50	8					-
AFM75C-SP12-D125-B40-Z08	●	125	8	40	63	8					-
AFM75C-SP12-D160-C40-Z09	●	160	9	40	63	8					-
AFM75C-SP12-D200-C60-Z12	●	200	12	60	63	8					-

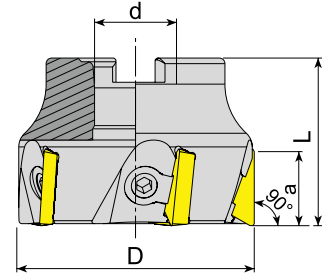
R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item  
ISO Ucuna Uygundur. / Compatible with ISO Insert.

Sipariş Örneği/Ordering Example : 1 ad./pcs. AFM45C-HN0905-D063-A22-Z07  
Kesme Hesabı : S 271 / Cutting Calculation : P 271  
Montaj Ölçüleri : S 269 / Mounting Reference : P 269



Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)					Kesici Uç Insert	Yedek Parçaları Spare Parts			
		D	Z	d	L	a		Baskı Pabucu Wedge Clamp	Baskı Vidası Clamp Screw	Anahtar Allen Key	Montaj Vidası Mounting Screw
AFM43C-OF07-D063-A22-Z04	●	63	4	22	45	5	OF.. 0704..	ACK-11	AKV-15-M8x1x20	AAL-05-4	2508-M10x30
AFM43C-OF07-D080-A27-Z05	●	80	5	27	50	5					2510-M12x35
AFM43C-OF07-D100-A32-Z06	●	100	6	32	50	5					2514-M16x35
AFM43C-OF07-D125-B40-Z08	●	125	8	40	63	5					-
AFM43C-OF07-D160-C40-Z09	●	160	9	40	63	5					-

ISO Ucuna Uygunudur. / Compatible with ISO Insert.



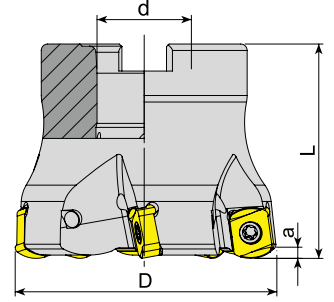
Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)					Kesici Uç Insert	Yedek Parçaları Spare Parts			
		D	Z	d	L	a		Baskı Pabucu Wedge Clamp	Baskı Vidası Clamp Screw	Anahtar Allen Key	Montaj Vidası Mounting Screw
AFM90C-TP16-D050-A22-Z04	●	50	4	22	40	12	TP.. 1603..	ACK-10	AKV-22-M8x1x14 AKV-13-M8x1x16	AAL-05-4	2407-M10x30
AFM90C-TP16-D063-A22-Z06	●	63	6	22	45	12					2508-M10x30
AFM90C-TP16-D080-A27-Z07	●	80	7	27	50	12					2510-M12x35
AFM90C-TP16-D100-A32-Z08	●	100	8	32	50	12					2514-M16x35
AFM90C-TP16-D125-B40-Z08	●	125	8	40	63	12					-
AFM90C-TP22-D063-A22-Z05	●	63	5	22	45	18	TP.. 2204..	ACK-11	AKV-14-M8x1x18	AAL-05-4	2508-M10x30
AFM90C-TP22-D080-A27-Z06	●	80	6	27	50	18					2510-M12x35
AFM90C-TP22-D100-A32-Z07	●	100	7	32	50	18					2514-M16x35
AFM90C-TP22-D125-B40-Z08	●	125	8	40	63	18					-
AFM90C-TP22-D160-C40-Z09	●	160	9	40	63	18					-
AFM90C-TP22-D200-C60-Z12	●	200	12	60	63	18					-
AFM90C-TP22-D250-C60-Z15	●	250	15	60	63	18					-
AFM90C-TP22-D315-D60-Z18	●	315	18	60	63	18	-				

R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item  
ISO Ucuna Uygunudur. / Compatible with ISO Insert.

Sipariş Örneği/Ordering Example : 1 ad./pcs. AFM43C-OF07-D063-A22-Z04  
Kesme Hesabı : S 271 / Cutting Calculation : P 271  
Montaj Ölçüleri : S 269 / Mounting Reference : P 269

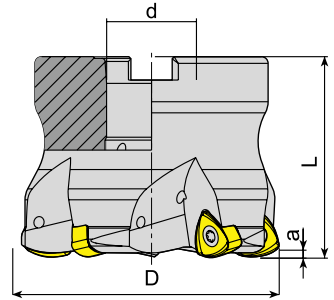






Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)					Kesici Uç Insert	Yedek Parçaları Spare Parts		
		D	Z	d	L	a		Sıkma Vidası Screw	Tork Anahtar Torx Key	Montaj Vidası Mounting Screw
AHFM-BL0904-D050-A22-Z06-H	●	50	6	22	50	2	BLMP 0904..	1510-M3.5x9	80-T10	2508-M10x30
AHFM-BL0904-D063-A22-Z05-H	●	63	5	22	50	2				
AHFM-BL0904-D063-A22-Z07-H	●	63	7	22	50	2				

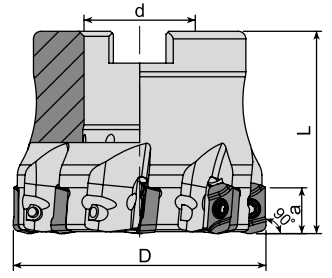
TGTC Ucuna Uygun. / Compatible with TGTC Insert.



Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)					Kesici Uç Insert	Yedek Parçaları Spare Parts		
		D	Z	d	L	a		Sıkma Vidası Screw	Tork Anahtar Torx Key	Montaj Vidası Mounting Screw
AHFM-BL1205-D050-A22-Z03-H	●	50	3	22	40	2	BLMP 1205..	1515-M4x11	80-T15	2508-M10x30
AHFM-BL1205-D063-A22-Z04-H	●	63	4	22	40	2				
AHFM-BL1205-D080-A27-Z05-H	●	80	5	27	50	2				2510-M12x35

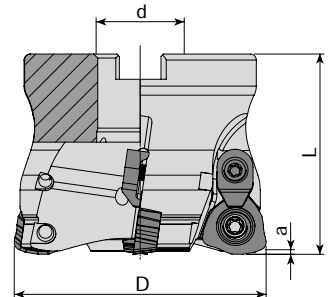
R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item  
TGTC Ucuna Uygun. / Compatible with TGTC Insert.

Sipariş Örneği/Ordering Example : 1 ad./pcs. AHFM-BL0904-D050-A22-Z06-H  
Kesme Hesabı : S 271 / Cutting Calculation : P 271  
Montaj Ölçüleri : S 269 / Mounting Reference : P 269



Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)					Kesici Uç Insert	Yedek Parçaları Spare Parts		
		D	Z	d	L	a		Sıkma Vidası Screw	Tork Anahtar Torx Key	Montaj Vdası Torx Key
AHFM-EP1003-D050-A22-Z08-H	●	50	8	22	40	1				
AHFM-EP1003-D063-A22-Z08-H	●	63	8	22	40	1				

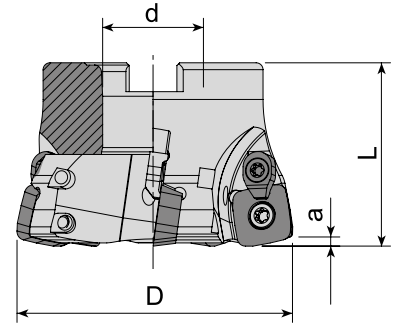
DJT Ucuna Uygundur. / Compatiple with DJT Insert.



Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)					Kesici Uç Insert	Yedek Parçaları Spare Parts				
		D	Z	d	L	a		Sıkma Vidası Screw	Baskı Parçası Wedge Clamp	Baskı Vidası Clamp Screw	Tork Anahtar Torx Key	Montaj Vidası Mounting Screw
AHFMC-JD1204-D052-A22-Z03-H	●	52	3	22	50	1.5						
AHFMC-JD1204-D052-A22-Z04-H	●	52	4	22	50	1.5						
AHFMC-JD1405-D052-A22-Z03-H	●	52	3	22	40	2						
AHFMC-JD1405-D063-A22-Z04-H	●	63	4	22	40	2						

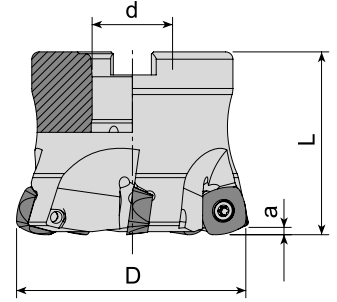
R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item  
MTSBH Ucuna Uygundur. / Compatiple with MTSBH Insert.

Sipariş Örneği/Ordering Example : 1 ad./pcs. AHFM-EP1003-D050-A22-Z08-H  
Kesme Hesabı : S 271 / Cutting Calculation : P 271  
Montaj Ölçüleri : S 269 / Mounting Reference : P 269



Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)					Kesici Uç Insert	Yedek Parçaları Spare Parts				
		D	Z	d	L	a		Sıkma Vidası Screw	Baskı Parçası Wedge Clamp	Baskı Vidası Clamp Screw	Tork Anahtar Torx Key	Montaj Vidası Mounting Screw
AHFMC-SD1204-D050-A22-Z04-H	●	50	4	22	40	1.8	SD.. 1204..					
AHFMC-SD1204-D063-A22-Z05-H	●	63	5	22	40	1.8						
AHFMC-SD1204-D080-A27-Z06-H	●	80	6	27	50	1.8						
AHFMC-SD1204-D100-A32-Z08-H	●	100	8	32	50	1.8						

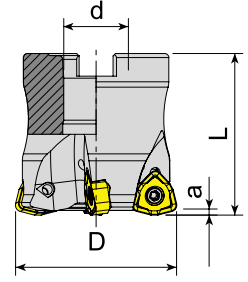
ZCC Ucuna Uygundur. / Compatible with ZCC Insert.






Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)					Kesici Uç Insert	Yedek Parçaları Spare Parts		
		D	Z	d	L	a		Sıkma Vidası Screw	Tork Anahtar Torx Key	Montaj Vidası Mounting Screw
AHFM-SD1205-D052-A22-Z04-H	●	52	4	22	50	2	SD.. 1205..			
AHFM-SD1205-D052-A22-Z05-H	●	52	5	22	50	2				
AHFM-SD1205-D066-A22-Z05-H	●	66	5	22	50	2				
AHFM-SD1205-D066-A22-Z06-H	●	66	6	22	50	2				
AHFM-SD1205-D080-A27-Z06-H	●	80	6	27	70	2				

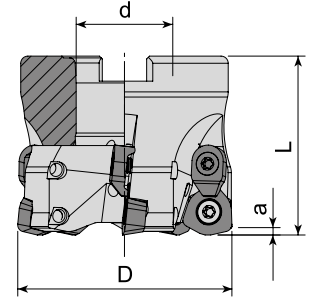
R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item  
HTCH Ucuna Uygundur. / Compatible with HTCH Insert.











Sipariş Örneği/Ordering Example : 1 ad./pcs. AHFMC-SD1204-D050-A22-Z04-H  
Kesme Hesabı : S 271 / Cutting Calculation : P 271  
Montaj Ölçüleri : S 269 / Mounting Reference : P 269



Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)					Kesici Uç Insert	Yedek Parçaları Spare Parts		
		D	Z	d	L	a		Sıkma Vidası Screw	Tork Anahtar Torx Key	Montaj Vidası Mounting Screw
AHFM-WN09T3-D040-A16-Z04-H	●	40	4	16	40	1.5				2506-M8x30
AHFML-WN09T3-D040-A16-Z04-H	●	40	4	16	40	1.5				
AHFM-WN09T3-D050-A22-Z05-H	●	50	5	22	40	1.5				
AHFML-WN09T3-D050-A22-Z05-H	●	50	5	22	40	1.5				
AHFM-WN09T3-D063-A22-Z06-H	●	63	6	22	40	1.5				2508-M10x30

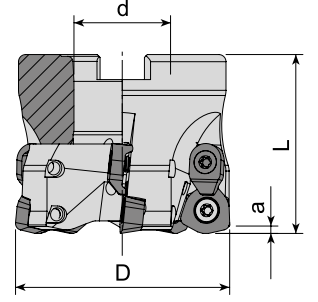
KRLY Ucuna Uygundur. / Compatible with KRLY Insert.




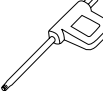




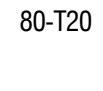








Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)					Kesici Uç Insert	Yedek Parçaları Spare Parts				
		D	Z	d	L	a		Sıkma Vidası Screw	Baskı Parçası Wedge Clamp	Baskı Vidası Clamp Screw	Tork Anahtar Torx Key	Montaj Vidası Mounting Screw
AHFMC-WD0804-D040-A16-Z04-H	●	40	4	16	40	-						2506-M8x30
AHFMC-WD0804-D050-A22-Z04-H	●	50	4	22	50	-						
AHFMC-WD1205-D050-A22-Z04-H	●	50	4	22	50	-						2508-M10x30
AHFMC-WD1205-D052-A22-Z04-H	●	52	4	22	50	-						
AHFMC-WD1205-D063-A22-Z05-H	●	63	5	22	50	-						
AHFMC-WD1205-D080-A27-Z06-H	●	80	6	27	63	-						2510-M12x35

R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item  
SMTM Ucuna Uygundur. / Compatible with SMTM Insert.

Sipariş Örneği/Ordering Example : 1 ad./pcs. AHFM-WN09T3-D040-A16-Z04-H  
Kesme Hesabı : S 271 / Cutting Calculation : P 271  
Montaj Ölçüleri : S 269 / Mounting Reference : P 269

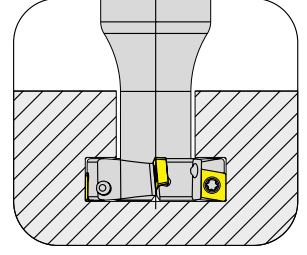
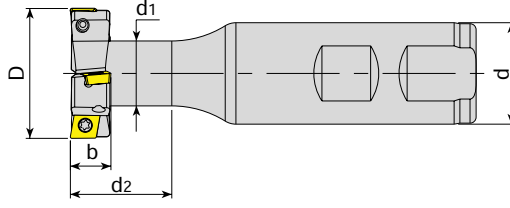


Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)					Kesici Uç Insert	Yedek Parçaları Spare Parts					
		D	Z	d	L	a		Sıkma Vidası Screw	Baskı Parçası Wedge Clamp	Baskı Vidası Clamp Screw	Tork Anahtar Torx Key	Montaj Vidası Mounting Screw	
AHFMC-WD06T3D-D042-A16-Z04-H	●	42	4	16	45	1.5	WD.W 06T3..						2506-M8x30
AHFMC-WD06T3D-D050-A22-Z05-H	●	50	5	22	50	1.5							2508-M10x30
AHFMC-WD06T3D-D052-A22-Z05-H	●	52	5	22	50	1.5							
AHFMC-WD0805D-D052-A22-Z04-H	●	52	4	22	50	2	WD.W 0805..						2510-M12x35
AHFMC-WD0805D-D063-A27-Z05-H	●	63	5	27	50	2							2514-M16x35
AHFMC-WD0805D-D066-A27-Z05-H	●	66	5	27	50	2							
AHFMC-WD0805D-D080-A27-Z05	●	80	5	27	50	2							
AHFMC-WD0805D-D100-A32-Z06	●	100	6	32	50	2	WD.W 10X6..						-
AHFMC-WD10X6D-D125-B40-Z06	●	125	6	40	63	2.5							
AHFMC-WD10X6D-D160-C40-Z07	●	160	7	40	63	2.5							

R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item  
DJT Ucuna Uygunudur. / Compatible with DJT Insert.

Sipariş Örneği/Ordering Example : 1 ad./pcs. AHFMC-WD06T3D-D042-A16-Z04-H  
Kesme Hesabı : S 271 / Cutting Calculation : P 271  
Montaj Ölçüleri : S 269 / Mounting Reference : P 269





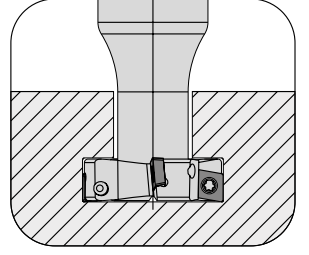
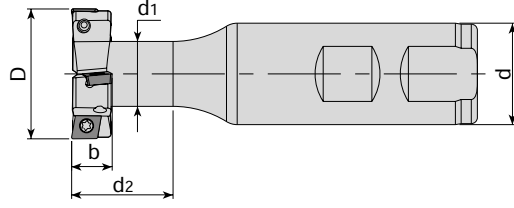
**Takım Kodu**  
Ordering Code

Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)							Kesici Uç Insert	Yedek Parçaları Spare Parts		
		Z		D	b	d	L	d <sub>1</sub>		d <sub>2</sub>	Sıkma Vidası Screw	Tork Anahtar Torx Key
		Toplam Total	Etkili Effective									
ATSM90-CC06-D17X8-W16-L85-Z02	●	2	1	17	8	16	85	10	CC.. 0602..	3008-M2.5x6	80-T08	
ATSM90-CC06-D32X8-W25-L100-Z04	●	4	2	32	8	25	100	16				23
ATSM90-CC06-D28X8-W20-L66-Z04	●	4	2	28	8	20	66	14				15.5
ATSM90-CC06-D45.5X8-W25-L100-Z06	●	6	3	45.5	8	25	100	12				30
ATSM90-CC06-D63X8-W32-L125-Z08	●	8	4	63	8	32	125	31.5				30
ATSM90-CC06-D18X9-W16-L90-Z02	●	2	1	18	9	16	90	10				16
ATSM90-CC06-D20X9-W16-L85-Z04	●	4	2	20	9	16	85	10				16
ATSM90-CC06-D23X10-W20-L90-Z04	●	4	2	23	10	20	90	12				25
ATSM90-CC06-D32X10-W25-L100-Z04	●	4	2	32	10	25	100	16				25
ATSM90-CC06-D45X10-W32-L120-Z06	●	6	3	45	10	32	120	20				25
ATSM90-CC06-D25X11-W25-L100-Z04	●	4	2	25	11	25	100	13	20			
ATSM90-CC09-D30X12-W25-L100-Z04	●	4	2	30	12	25	100	16	25	CC.. 09T3..	4015-M3.5x9	80-T15
ATSM90-CC09-D32X12-W25-L100-Z02	●	2	1	32	12	25	100	16	25			
ATSM90-CC09-D32X12-W25-L100-Z04	●	4	2	32	12	25	100	16	25			
ATSM90-CC09-D32X14-W25-L100-Z04	●	4	2	32	14	25	100	16	25			
ATSM90-CC09-D37X16-W32-L120-Z04	●	4	2	37	16	32	120	17	30			
ATSM90-CC09-D42X17-W32-L120-Z04	●	4	2	42	17	32	120	19	30			
ATSM90-CC09-D40X17-W32-L120-Z04-H	●	4	2	40	17	32	120	19	30			
ATSM90-CC12-D47X20-W32-L120-Z04	●	4	2	47	20	32	120	25	45	CC.. 1204..	1020-M5x11	80-T20
ATSM90-CC12-D52X21-W32-L120-Z04	●	4	2	52	21	32	120	25	45			
ATSM90-CC12-D50X22-W32-L120-Z04	●	4	2	50	22	32	120	25	45			
ATSM90-CC12-D55X22-W32-L120-Z04	●	4	2	55	22	32	120	25	45			

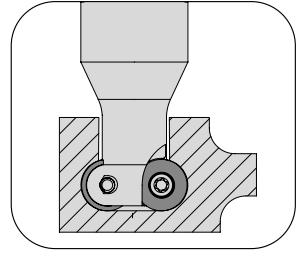
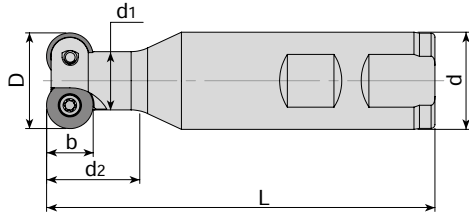
R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item

Sipariş Örneği/Ordering Example : 1 ad./pcs. ATSM90-CC06-D17X8-W16-L85-Z02  
Kesme Hesabı : S 271 / Cutting Calculation : P 271





Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)							Kesici Uç Insert	Yedek Parçaları Spare Parts		
		Z		D	b	d	L	d <sub>1</sub>		d <sub>2</sub>	Sıkma Vidası Screw	Tork Anahtar Torx Key
		Toplam Total	Etkili Effective									
ATSM90-SP..05-D22.5X5-W25-L100-Z04	●	4	2	22.5	5	25	100	12	25	SPMG 050204 TGTC UCUNA UYGUNDUR. FOR TGTC INSERT.	3006-M2x4	80-T06
ATSM90-SP..05-D30X5-W25-L100-Z04	●	4	2	30	5	25	100	10	25			
ATSM90-SPGT0502-D63X6-W32-L125-Z10	●	10	5	63	6	32	125	31	30	SPGT 050204		
ATSM90-SPGT0904-D32X14-W32-L120-Z04-H	●	4	2	32	14	32	120	17.5	30	SPGT 090408 ZCC UCUNA UYGUNDUR. FOR ZCC INSERT.	4015-M3.5x9	80-T15
ATSM90-SPGT0904-D37X16-W32-L120-Z04-H	●	4	2	37	16	32	120	21	40			
ATSM90-SPGT0904-D42X17-W32-L120-Z04-H	●	4	2	42	17	32	120	21	40			
ATSM90-SPGT1104-D47X20-W32-L120-Z04-H	●	4	2	47	20	32	120	24	45	SPGT 110408	4015-M4x11	
ATSM90-SP..06-D80X7-W32-L120-Z10	●	10	5	80	7	32	120	32	30	SPMG 060204 TGTC UCUNA UYGUNDUR. FOR TGTC INSERT.	3007-M2.2x5	80-T07

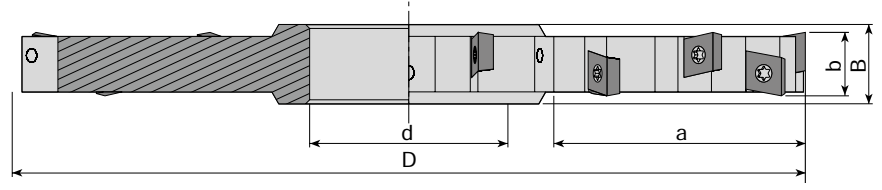


Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)							Kesici Uç Insert	Yedek Parçaları Spare Parts		
		Z	D	b	d	L	d <sub>1</sub>	d <sub>2</sub>		Sıkma Vidası Screw	Tork Anahtar Torx Key	
		ATSMR-RD0702-D17-W16-L90-Z02	●	2	17	7	16	90				10
ATSMR-RD0702-D25-W16-L90-Z03	●	3	25	7	16	90	15	12				
ATSMR-RD0702-D35-W25-L100-Z05	●	5	35	7	25	100	20	20				
ATSMR-RD1003-D21-W25-L100-Z02	●	2	21	10	25	100	12	20	RD.. 1003	4015-M3.5x9	80-T15	
ATSMR-RD1003-D80-W32-L165-Z06-H	●	6	80	10	32	165	30	31.5				
ATSMR-RD12T3-D25-W25-L100-Z02	●	2	25	12	25	100	15	24	RD.. 12T3			
ATSMR-RD12T3-D80-W32-L165-Z06-H	●	6	80	12	32	165	30	31.5				
ATSMR-RD1604-D34-W32-L110-Z02	●	2	34	16	32	110	20	30	RD.. 1604	1515-M4.5x11		

R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item

Sipariş Örneği/Ordering Example : 1 ad./pcs. ATSM90-SP..05-D22.5X5-W25-L100-Z04  
Kesme Hesabı : S 271 / Cutting Calculation : P 271



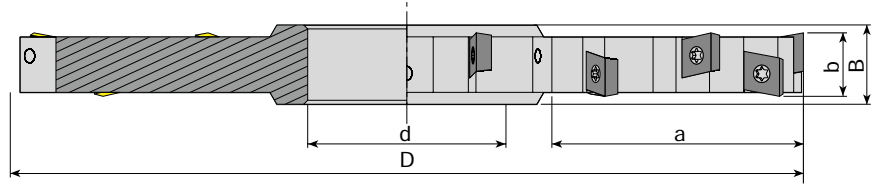


Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)							Yedek Parçaları Spare Parts		
		Z		D	b	a	d	B	Kesici Uç Insert	Sıkma Vidası Screw	Tork Anahtar Torx Key
		Toplam Total	Etkili Effective								
ASDM-SPGT05-D80x6-d27-Z10	●	10	5	80	6	17	27	10	SPGT 050204 ZCC UCUNA UYGUNDUR. FOR ZCC INSERT.	3006-M2x4	80-T06
ASDM-SPGT05-D100x6-d32-Z12	●	12	6	100	6	25	32	10			
ASDM-SPGT05-D125x6-d40-Z14	●	14	7	125	6	35	40	10			
ASDM-SPGT05-D160x6-d40-Z18	●	18	9	160	6	52	40	10			
ASDM-SPGT06-D80x7-d27-Z10	●	10	5	80	7	17	27	11	SPGT 060204 ZCC UCUNA UYGUNDUR. FOR ZCC INSERT.	3007-M2.2x5	80-T07
ASDM-SPGT06-D100x7-d32-Z12	●	12	6	100	7	25	32	11			
ASDM-SPGT06-D125x7-d40-Z14	●	14	7	125	7	35	40	11			
ASDM-SPGT06-D160x7-d40-Z16	●	16	8	160	7	52	40	11			
ASDM-SPGT06-D200x7-d40-Z18	●	18	9	200	7	70	40	11			

R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item

Sipariş Örneği/Ordering Example : 1 ad./pcs. ASDM-SPGT05-D80x6-d27-Z10  
Kesme Hesabı : S 271 / Cutting Calculation : P 271





Takım Kodu  
Ordering Code

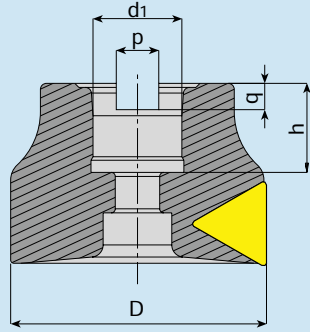
Takım Kodu Ordering Code	Stok Stock	Takım Ölçüleri (mm) Dimension (mm)						Yedek Parçaları Spare Parts			
		Z		D	b	a	d	B	Kesici Uç Insert	Sıkma Vidası Screw	Tork Anahtar Torx Key
		Toplam Total	Etkili Effective								
ASDM-CC06-D80x8-d27-Z10	●	10	5	80	8	17	27	12	CC.. 0602.. ISO UCUNA UYGUNDUR. FOR ISO INSERT.	3008-M2.5x6	80-T08
ASDM-CC06-D100x8-d32-Z12	●	12	6	100	8	25	32	12			
ASDM-CC06-D125x8-d40-Z14	●	14	7	125	8	35	40	12			
ASDM-CC06-D160x8-d40-Z16	●	16	8	160	8	52	40	12			
ASDM-CC06-D200x8-d40-Z18	●	18	9	200	8	70	40	12			
ASDM-CC06-D80x10-d27-Z10	●	10	5	80	10	17	27	14			
ASDM-CC06-D100x10-d32-Z12	●	12	6	100	10	25	32	14			
ASDM-CC06-D125x10-d40-Z14	●	14	7	125	10	35	40	14			
ASDM-CC06-D160x10-d40-Z16	●	16	8	160	10	52	40	14			
ASDM-CC06-D200x10-d40-Z18	●	18	9	200	10	70	40	14			
ASDM-CC09-D80x12-d27-Z08	●	8	4	80	12	17	27	16	CC.. 09T3.. ISO UCUNA UYGUNDUR. FOR ISO INSERT.	4015-M3.5x11	80-T15
ASDM-CC09-D100x12-d32-Z10	●	10	5	100	12	25	32	16			
ASDM-CC09-D125x12-d40-Z12	●	12	6	125	12	35	40	16			
ASDM-CC09-D160x12-d40-Z14	●	14	7	160	12	52	40	16			
ASDM-CC09-D200x12-d40-Z16	●	16	8	200	12	70	40	16			
ASDM-CC09-D80x14-d27-Z08	●	8	4	80	14	17	27	18			
ASDM-CC09-D100x14-d32-Z10	●	10	5	100	14	25	32	18			
ASDM-CC09-D125x14-d40-Z12	●	12	6	125	14	35	40	18			
ASDM-CC09-D160x14-d40-Z14	●	14	7	160	14	52	40	18			
ASDM-CC09-D200x14-d40-Z16	●	16	8	200	14	70	40	18			
ASDM-CC12-D80x16-d27-Z06	●	6	3	80	16	17	27	20	CC.. 1204.. ISO UCUNA UYGUNDUR. FOR ISO INSERT.	1020-M5x11	80-T20
ASDM-CC12-D100x16-d32-Z08	●	8	4	100	16	25	32	20			
ASDM-CC12-D125x16-d40-Z10	●	10	5	125	16	35	40	20			
ASDM-CC12-D160x16-d40-Z12	●	12	6	160	16	52	40	20			
ASDM-CC12-D200x16-d40-Z14	●	14	7	200	16	70	40	20			
ASDM-CC12-D80x18-d27-Z06	●	6	3	80	18	17	27	22			
ASDM-CC12-D100x18-d32-Z08	●	8	4	100	18	25	32	22			
ASDM-CC12-D125x18-d40-Z10	●	10	5	125	18	35	40	22			
ASDM-CC12-D160x18-d40-Z12	●	12	6	160	18	52	40	22			
ASDM-CC12-D200x18-d40-Z14	●	14	7	200	18	70	40	22			
ASDM-CC12-D250x18-d40-Z16	●	16	8	250	18	90	40	22			
ASDM-CC12-D80x20-d27-Z06	●	6	3	80	20	17	27	24			
ASDM-CC12-D100x20-d32-Z08	●	8	4	100	20	25	32	24			
ASDM-CC12-D125x20-d40-Z10	●	10	5	125	20	35	40	24			
ASDM-CC12-D160x20-d40-Z12	●	12	6	160	20	52	40	24			
ASDM-CC12-D200x20-d40-Z14	●	14	7	200	20	70	40	24			
ASDM-CC12-D250x20-d40-Z16	●	16	8	250	20	90	40	24			

R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item

Sipariş Örneği/Ordering Example : 1 ad./pcs. ASDM-CC06-D80x8-d27-Z10  
Kesme Hesabı : S 271 / Cutting Calculation : P 271

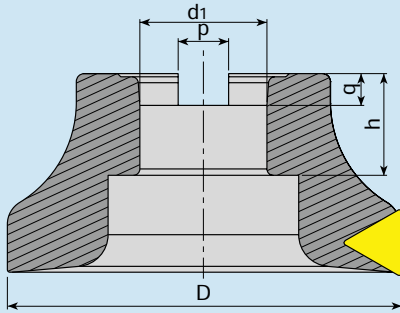


**A TİP**  
A TYPE



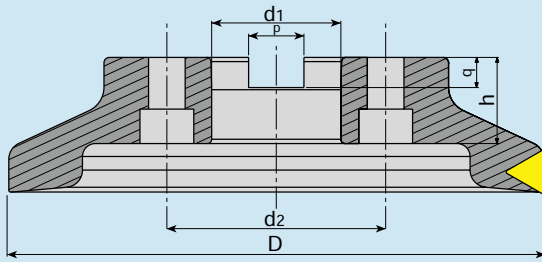
D	d1	d2	p	q	h
40	16	-	8.4	5.6	20
50	22	-	10.4	6.3	22
63	22	-	10.4	6.3	22
80	27	-	12.4	7	25
100	32	-	14.4	8	26

**B TİP**  
B TYPE



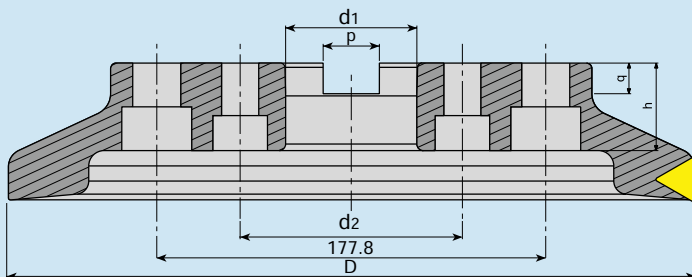
D	d1	d2	p	q	h
125	40	-	16.4	9	32

**C TİP**  
C TYPE



D	d1	d2	p	q	h
160	40	66.7	16.4	9	32
200	60	101.6	25.7	14	40
250	60	101.6	25.7	14	40

**D TİP**  
D TYPE



D	d1	d2	p	q	h
315	60	101.6	25.7	14	40

## TAKMA UÇLU MATKAP (U-DRILL) KULLANMA KILAVUZU

Matkabınızı CNC torna tezgahına bağlamadan önce taretin merkezden kaçık olup olmadığını kontrol etmeniz gerekir. Şayet taretinizde kaçıklık varsa, takma uçlu matkabınızı kesinlikle kullanmayınız. Taretin düzeltilmesi için yapılması gereken işlemler ;

1. Taretin tutucusuna kullanacağınız takma uçlu matkabın çapında ve boyunda üzeri hassas olan silindirik bir parça bağlanır ve tezgahın X değeri sıfıra getirilir.
2. Tezgahın aynasına mıknatıslı komprotör saati yerleştirilir. Saatin uç kısmı tarete bağlanmış olduğumuz parçanın üstüne temas ettirilir.
3. Aynanın üzerine bağlanmış olduğumuz mıknatıslı komprotör ayna ile beraber 360 derece döndürülerek saatteki değişim oranına göre taretin sıfırlanması sağlanır.

### TAKMA UÇLU MATKABINIZI CNC TORNANIZDA DAHA VERİMLİ KULLANMANIZ İÇİN GEREKLİ OLAN KESME HIZLARI ve DEVİRLERİ :

Grup No.	Malzemenin Cinsi	Malzemenin Öz.	Kesme Hızı Vc (m/dk)
1	Çok Yumuşak İş Çelikleri	C1010, Otomat vb.	220
2	İmalat Çelik ve Döküm Malz.	C1030 - 106 vb.	200
3	Takım ve İmalat Çeşitleri	CK-45, 4140, 7131 vb.	170
4	Sıcak İş ve Paslanmaz Çelikler	İmpaks vb.	150

Devir hesabı yapabilmek için önce malzemeyi seçiniz. Seçtiğiniz malzemenin kesme hızını (Vc) 1000 ile çarpıp 3.14'e bölmeliyiz. Çıkan değeri matkap çapına bölmeliyiz. **ÖRNEK** : Malzememiz takım ve imalat çeliği (3. grup), matkap çapı 25 mm kesme hızı 170 ise  $170 \times 1000 = 170000 / 3.14 = 54140$ ,  $54140 / 25 = 2166$  devir çıkar (Tezgahın İş Mili Devri). Tezgahın ilerlemesi kullanacağınız uç ile de alakalı olup 0.05 ile 0.10 arasında değişim gösterir. Kullanıcı kesici ucun kesişine göre bunu ayarlar.

### İŞLEME MERKEZLERİ İÇİN İLERLEME HESABI :

Yukarıdaki hesaplamalarla bulmuş olduğunuz 2166 iş mili devrini, kesici uç ilerlemesi (mm/devir) 0.05 ile 0.10 arasındaki ilerleme seçenekleri ile çarpılır. **ÖRNEK 1** :  $2166 \times 0.05 = 108$  **ÖRNEK 2** :  $2116 \times 0.10 = 217$  çıkan sonuçlar 108 ve 217 işleme merkezleri için ilerleme mm/dakika hesabıdır.

Not: D4 ve üzeri takma uçlu matkaplarda tezgahın içten su verme basıncının en az 6 bar olması gerekmektedir.

## USER'S GUIDE FOR AKKO U-DRILLS

Before connecting your U-Drill to CNC lathe, you have to check if the turret is eccentric from the center or not. If there is any eccentricity in your turret, never use your U-Drill;

Processes that should be done to fix the turret :

1. A cylindrical part whose surface is precision and whose length and diameter is the same with the U-Drill that you will use, should be mounted to the holder of turret and X value of the lathe should be brought to zero ( 0 ).
2. Comparator should be mounted to chuck. The end of the comparator should be contacted ( touched ) to the surface of the part that we mounted on the turret.
3. The comparator that we mounted on the chuck should be turned 360-degree with the chuck and turret should be zeroed by that turning according to changing rate of comparator.

### CUTTING SPEED AND REVOLUTION THAT ARE NEEDED FOR USING ( RUNNING ) YOUR U-DRILLS MORE PRODUCTIVELY

Grup No.	Material	Material Type	Cutting Speed Vc ( m/m)
1	Non-alloy steel and free cutting steel	C1010. Automat etc.	220
2	Low alloy steel and cast steel	C1030 - 106 etc.	200
3	Alloy steel and tool steel	CK-45, 4140, 7131 etc.	170
4	Hot Work Steel and Stainless Steel	Impax etc.	150

P.S. : The cutting speed may be concerned with the type of the insert that you use.

Fistly, choose the material to make calculation of revolution. You should multiply the cutting speed (Vc) of the material that you chose by 1000 and divide by 3.14. You should divide the value that you found by the diameter of U-Drill. For Example : If our material is alloy steel and tool steel (3rd group), diameter of the U-Drill is 25 mm, cutting speed is 170, we should calculate as following;  $170 \times 1000 = 170000 / 3.14 = 54140$ ,  $54140 / 25 = 2166$  rpm is the result that we found ( Spindle Speed ) Feed rate of the lathe is concerned with the U-Drill that you will use and changes between 0.05 and 0.10. The user sets it according to cut of cutting insert.

### FEED CALCULATION FOR CENTRAL MACHINE :

2166 spindle speed, that we found as a result of above mentioned calculation, should be multiplied by cutting insert feed ( mm/r ) between 0.05 and 0.10 feed choisses. Example 1 :  $2166 \times 0.05 = 108$

Example 2 :  $2116 \times 0.10 = 217$  The results 108 and 217 are the feed mm/m calculation for central machine.

Note: Cooling water pressure of lathe must be minimum 6 bar for our D4 u-drills and u-dirlls longer than D4.

## FREZELEME İŞLEMİNDE DEVİR ve İLERLEME HESABI

Vc.	S	D	F	Z	fz	FORMÜLLER
Kesme Hızı (Uç Kutusunun Arkasından Okuyunuz)	İş Mili Devir Sayısı	Tarama Kafası Çapı	İlerleme	Tarama Kafası Ağız Sayısı	Diş Başına Düşen İlerleme Miktarı (Uç Kutusunun Arkasından Okuyunuz)	Devir Hesabı : $S=(Vc \times 1000) / (3,14 \times D)$ İlerleme Hesabı : $F=S \times Z \times fz$

**Örnek :** D=50 mm çapında, Z=5 ağızlı tarama kafası ile frezeleme yapacağız. Kesici uç kutusunun arkasında kesme hızı Vc=200m/dk. olarak verilmiş olsun. Tezgaha girilecek devri hesaplayalım: **Vc=200 m/dk. D=50 mm** S = Öncelikle Kesme Hızı 1000 ile çarpılır, çıkan sonuç 3,14 sayısına bölünür, buradan çıkan sonuç da tarama kafası çapına bölünür.

$S=200 \times 1000 = 200000 \rightarrow 200000/3,14=63663 \rightarrow 63663/50=1273$  devir **S=1273 dev/dakika** devri bulduktan sonra ilerlemeyi bulalım: **Z=5** ağızlı tarama kafası olsun **fz=0,12** olarak uç kutusunun arkasından okunmuş olsun F= yukarıda bulmuş olduğumuz devir sayısı ile ağız sayısı çarpılır, çıkan sonuç diş başına düşen ilerleme miktarı ile çarpılır.

$F=1273 \times 5 = 6365 \rightarrow 6365 \times 0,12 = 763$   $F=763$  mm/dakika

Tezgaha girilecek olan devir = S 1273 Tezgaha girilecek olan ilerleme : **F 763 ortalama değerdir.**

**Not:** Vc ve fz değerlerinin uç kutusunun arkasında verilmiş olması gerekir. Eğer bu değerler uç kutusunun üzerinde yoksa, kesici ucun katalogundan bulunuz. İşleyeceğiniz malzeme çelik ise P, paslanmaz çelik ise M, dökme demir ise K bölümünde yazılı olan Vc ve fz değerlerini okuyun.

## CALCULATING SPINDLE SPEED and FEED RATE FOR MILLING PROCESS

Vc.	S	D	F	Z	fz	FORMULAS
Cutting Speed (Please read from the back- side of cutting insert box)	Spindle Revolution rpm	Milling Tool Diameter	Feed Rate	Number of Effective Tooth	Feed Per Tooth (Please Read From The Back Side of Cutting Insert Box)	Calculation of Revolution : $S=(Vc \times 1000) / (3,14 \times D)$ Feed Rate Calculation : $F=S \times Z \times fz$

For Example : We will make milling with milling tool whose diameter is D 50 mm, whose teeth number is Z=5. The spindle revolution was written as Vc=200m/mn at the back side of cutting insert box. Let's calculate the revolution that should be entered to the milling machine : Vc=200 m/mn D=50 mm

S = Firstly Cutting Speed is multiplied with 1000, the result should be divided by 3.14 , the last result should be divided by diameter of milling tool.

$S = 200 \times 1000 = 200000 \rightarrow 200000/3,14 = 63663 \rightarrow 63663/50 = 1273$  rev  $S=1273$  rev / mn

After finding spindle revolution, let's find feed rate : milling tool with Z=5 teeth and we read fz=0,12 from the back side of cutting insert box.

F = Tooth number should be multiplied with revolution, the result should be multiplied with feed per tooth.

$F = 1273 \times 5 = 6365 \rightarrow 6365 \times 0,12 = 763$   $F = 763$  mm / mn

Revolution that should be entered to the milling machine = S 1273 Feed Rate that should be entered to the milling machine = F 763 average value.

P.S : The values Vc and fz has to be written at the back side of the cutting insert. If these values were not written on the cutting insert box, please find them from cutting insert catalogue. If the material that you will work is steel, please read Vc and fz values that were written on the part P, if it is stainless steel please read from the part M, if it is cast iron please read from the part K.

## SIKMA TORKU TAVSİYELERİ - RECOMMENDED TIGHTENING TORQUE

• Takımı Sıkmadan Önce Aşağıdaki Bilgileri Okuyunuz.

• Read below information before tightening the tool.

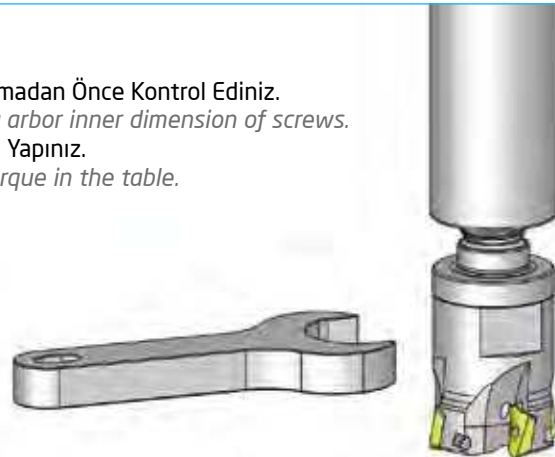
• Vidalı Takımın Vida Ölçüsü ile Tutucunun İç Vida Ölçüsünü Sıkmadan Önce Kontrol Ediniz.

• Check screw set's the screw size and together with mounting arbor inner dimension of screws.

Takımı Tutucuya Sıkarken Tablodaki İlgili Değerlere Göre İşlem Yapınız.

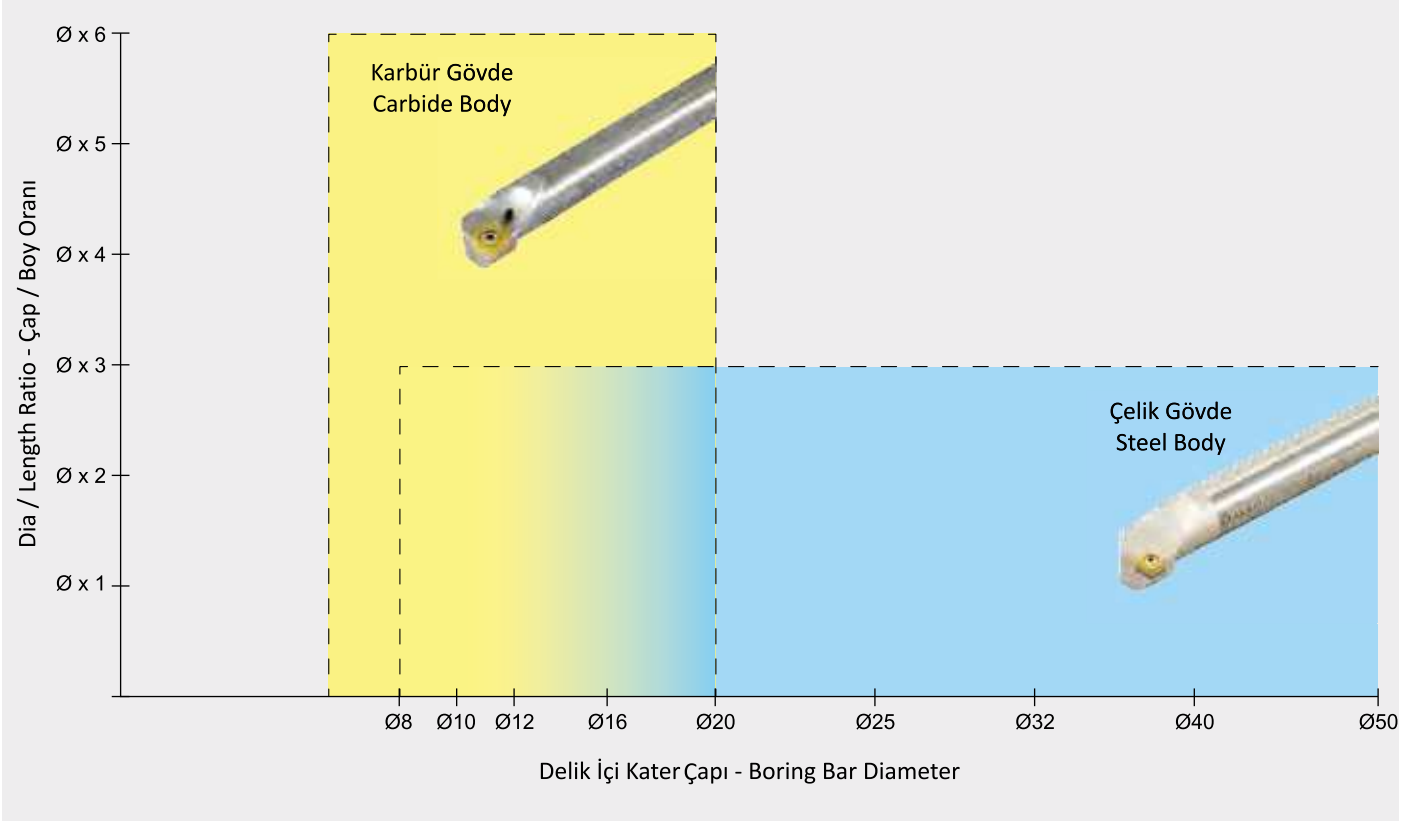
When tightening head to an arbor, follow the related tightening torque in the table.

Vida Screw	Tork Torque (N.m)
M6	8
M8	23
M10	46
M12	80
M16	90



## Gövde Malzemesine Göre Delik İçi Kater Uygulama Kılavuzu

### Internal Boring Bars Application Guide, Related to Body Material



## T Kanal Freze Kullanım ve Ön Hazırlama Kılavuzu

### Application Guide For T-Slot Milling

T kanal frezelemede talaşın rahat boşaltılması için iş parçası resimde gösterildiği şekilde işlenmelidir.

Örnek: ATSM90-CC06- D32X10-W25- L100-Z04 kodlu T freze ile kanal açmadan önce, takımın boğazının çalışacağı kısmın parmak freze ile işlenmesi gerekir. Bu durumda kanalın tamamen işlenmesi çok yanlıştır. Tabanda ( $0.8 \times b = 0.8 \times 10$ ) 8mm işlenmeden bırakılmalıdır. Bu bölgeyi T frezenin işlemesi, takımın daha sağlıklı çalışması açısından gereklidir.

İşlenen kanallarda yumuşak kesim için talaşlar uzaklaştırılmış olmalıdır.

When T slot machining steel, the workpiece must be machined as shown in the drawing to ensure smooth chip evacuation.

Example: Before slotting with the T - slot milling cutter - code ATSM90-CC06-D32X10-W25-L100-Z04,

The area of the neck of the tools to be worked and must be machined by End-Mill.

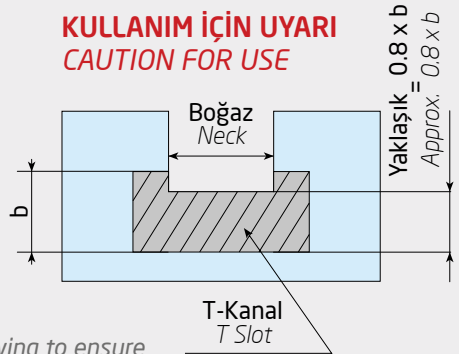
In this case, it is very wrong to machining the slot completely.

Bottom area ( $0.8 \times b = 0.8 \times 10$ ) should be left 8 mm without machining.

This area's operation must be machined by the T - slot milling cutter which is also necessary for the healthier work of the tool holder.

Slots to be machined must be free from chips for smooth machining.

### KULLANIM İÇİN UYARI CAUTION FOR USE



**$\alpha$  = 5 Kat Dayanıklılık** **$\alpha$  = 5 Times Long Life**

## Alfa Kaplamanın Avantajları

### Alpha Coating Advantages

- **Yüksek aşınma direnci**  
High resistance to abrasion
- **Yüksek yüzey sertliği**  
750-800 Vickers  
High surface hardness  
750-800 Vickers
- **Temperlemeye karşı yüksek direnç**  
High resistance to tempering
- **Yüksek yorulma mukavemeti**  
High fatigue strength
- **Yüksek çizik ve çentik direnci**  
High scratch and impact resistance
- **Paslanmaz olmayan çelikler için daha yüksek korozyon direnci**  
Resistant to corrosion of non-stainless steel

takımınız neden  
**daha uzun ömürlü**  
olmasın?...

**longer tool life...**



**$\alpha$  Çevre Dostudur.  $\alpha$  is friend of environment.**

**İnsan sağlığı açısından zararlı değildir. Is not harmful to human health.**

**Gaz ve diğer atıkları çevreyi kirlilemez. Gas and other wastes will not pollute the environment.**