

EXTERNAL TURNING TOOLHOLDERS

KESİCİ UÇ BAĞLAMA SİSTEMLERİ

CONNECTION SYSTEMS FOR CUTTING INSERTS



DIŞ TORNA TAKIMLARI
EXTERNAL TURNING TOOLHOLDERS



DIŞ ÇAP TORNA KATERLERİ KODLAMA SİSTEMİ

EXTERNAL TURNING TOOLHOLDERS DESIGNATION SYSTEM

1 Sıkma Tipi / Method of Mounting of Insert

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

1 2 3 4 5

1 Sıkma Tipi / Method of Mounting of Insert

Deliksiz Üstten Sıkma
Top clamping without hole

Üstten Delikle Sıkma
Top and Hole Clamping

Üstten ve Delikten Sıkma
Top and Hole Clamping

Delikten Leveyle Sıkma
Hole Clamping (Lever Lock)

Vida ile Sıkma
Screw on

C **T** **M** **P** **S**

2 Uç Tipi / Insert Shape

C **D** **E** **K**

L **R** **S** **T**

V **W** **A** **B**

H **M** **O** **P**

3 Yanaşma Açısı / ToolHolder Shape

75° 45° 60° 90° 90° 93°

B **D** **E** **F** **G** **J**

75° 95° 95° 50° 63° 75° 45°

K **L** **M** **N** **R** **S**

60° 72.5° 85° 40°

T **V** **Y** **Z**

4 Serbest Uç Açısı
Clearance angle of Insert

3° 5° 7°

A **B** **C**

15° 20° 25°

D **E** **F**

30° 0° 11°

G **N** **P**

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

6 7 8 9 10

5 Kesme Yönü / Cutting Direction

L **N** **R**

6 Kesme Kenar Yüksekliği
Cutting Edge Height

h

7 Şaft Genişliği
Shank Width

b

8 Şaft Boyu / Shank Length

L

A - 32	H - 100	Q - 180	x-special
B - 40	J - 110	R - 200	
C - 50	K - 125	S - 250	
D - 60	L - 140	T - 300	
E - 70	M - 150	U - 350	
F - 80	N - 160	V - 400	
G - 90	P - 170	W - 450	

(mm)

9 Kesme Kenar Uzunluğu / Cutting Edge Length

A.B.K **C.D.E** **H** **L**

M.V

O **P** **R** **S** **T** **W**

10 Baskı Pabucu/
Wedge Clamp



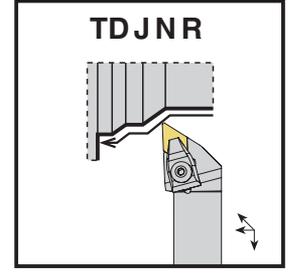
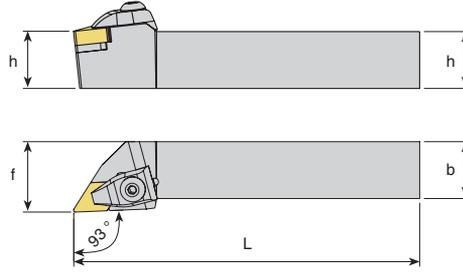
T SİSTEM

T-SİSTEM DIŞ TORNA KATERLERİ
T SYSTEM EXTERNAL TURNING TOOLHOLDERS

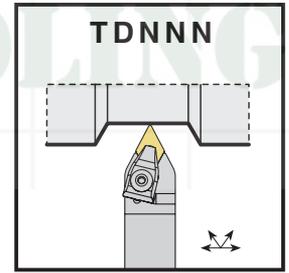
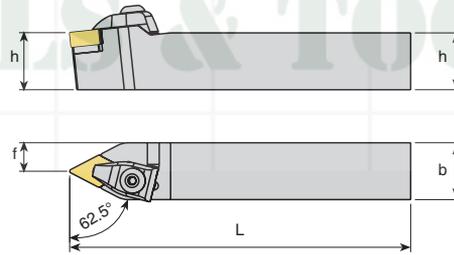


T-SİSTEM DIŞ TORNA KATERLERİ

T-SYSTEM EXTERNAL TURNING TOOLHOLDERS



Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)				Kesici Uç Insert	Yedek Parçaları Spare Parts						
	R	L	h	b	L	f		Baskı Parçası Wedge Clamp	Baskı Vidası Screw	Altık Shim	Altık Vidası Shim Screw	Yay Spring	Pul Stamp	Anahtar Allen Key
TDJNR/L 1616 H 11	●	●	16	16	100	20	DNM. 11 04..	ATK-01	AKV-01-M5x20	AADN-2-0001	AAV-04-M5x12	-	ABPL-01	AAL-03-3
2020 K 11	●	●	20	20	125	25								
2525 M11	●	●	25	25	150	32								
2020 K 15	●	●	20	20	125	25	DNM. 15 06..	ATK-02	AKV-02-M6x20	AADN-3-0001	AAV-02-M5x12	AKY-01	ABPL-01	AAL-03-3
2525 M15	●	●	25	25	150	32								
3232 P 15	●	●	32	32	170	40								
4040 S 15	●	●	40	40	250	50								
5050 S 15	○	○	50	50	250	63								



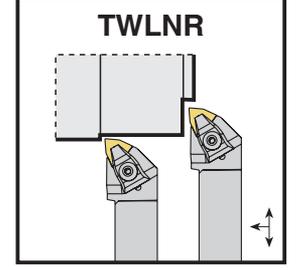
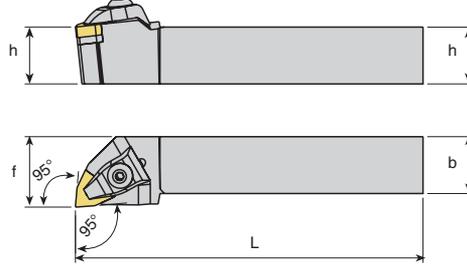
Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)				Kesici Uç Insert	Yedek Parçaları Spare Parts						
	R	L	h	b	L	f		Baskı Parçası Wedge Clamp	Baskı Vidası Screw	Altık Shim	Altık Vidası Shim Screw	Yay Spring	Pul Stamp	Anahtar Allen Key
TDNNN 1616 H 11	●	●	16	16	100	8	DNM. 11 04..	ATK-01	AKV-01-M5x20	AADN-2-0001	AAV-04-M5x12	-	ABPL-01	AAL-03-3
2020 K 11	●	●	20	20	125	10								
2525 M11	●	●	25	25	150	12.5								
2020 K 15	●	●	20	20	125	10	DNM. 15 06..	ATK-02	AKV-02-M6x20	AADN-3-0001	AAV-02-M5x12	AKY-01	ABPL-01	AAL-03-3
2525 M15	●	●	25	25	150	12.5								
3232 P 15	●	●	32	32	170	16								
4040 S 15	○	○	40	40	250	20								
5050 S 15	○	○	50	50	250	25								

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

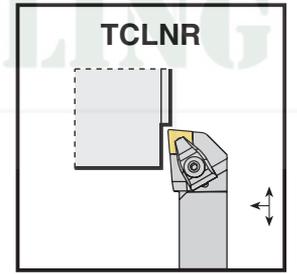
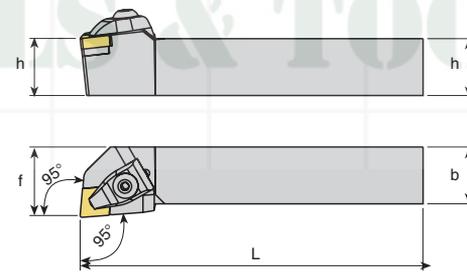
Sipariş Örneği/Ordering Example : 1 ad./pcs. TDNNN 1616 H11

T-SİSTEM DIŞ TORNA KATERLERİ

T-SYSTEM EXTERNAL TURNING TOOLHOLDERS



Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)				Kesici Uç Insert	Yedek Parçaları Spare Parts						
	R	L	h	b	L	f		Baskı Parçası Wedge Clamp	Baskı Vidası Screw	Altlık Shim	Altlık Vidası Shim Screw	Yay Spring	Pul Stamp	Anahtar Allen Key
TWLNR/L 1616 H 06	●	●	16	16	100	20	WNM. 06 04..							
2020 K 06	●	●	20	20	125	25								
2525 M06	●	●	25	25	150	32								
2020 K 08	●	●	20	20	125	25	WNM. 08 04..							
2525 M08	●	●	25	25	150	32								
3232 P 08	●	●	32	32	170	40								
4040 S 08	○	○	40	40	250	50								
5050 S 08	○	○	50	50	250	63								



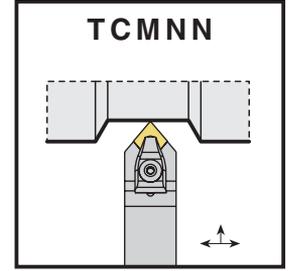
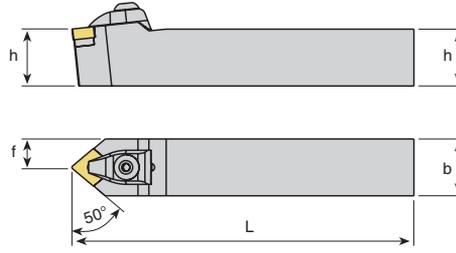
Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)				Kesici Uç Insert	Yedek Parçaları Spare Parts						
	R	L	h	b	L	f		Baskı Parçası Wedge Clamp	Baskı Vidası Screw	Altlık Shim	Altlık Vidası Shim Screw	Yay Spring	Pul Stamp	Anahtar Allen Key
TCLNR/L 2020 K 12	●	●	20	20	125	25	CNM. 12 04..							
2525 M12	●	●	25	25	150	32								
3232 P 12	●	●	32	32	170	40								
4040 S 12	○	○	40	40	250	50								
5050 S 12	○	○	50	50	250	63								
2525 M16	●	●	25	25	150	32	CNM. 16 06..							
3232 P 16	●	●	32	32	170	40								

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

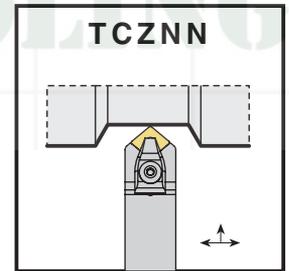
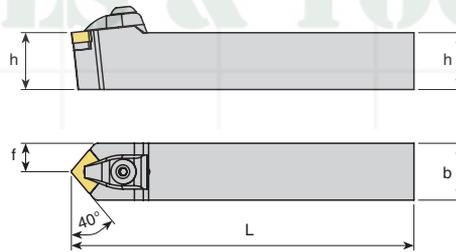
Sipariş Örneği/Ordering Example : 1 ad./pcs. TCLNR 2020 K12

T-SİSTEM DIŞ TORNA KATERLERİ

T-SYSTEM EXTERNAL TURNING TOOLHOLDERS



Takım Kodu Ordering Code	Stok Stock	Kater Ölçüleri (mm) Dimension (mm)				Kesici Uç Insert	Yedek Parçaları Spare Parts						
		h	b	L	f		Baskı Parçası Wedge Clamp	Baskı Vidası Screw	Altılık Shim	Altılık Vidası Shim Screw	Yay Spring	Pul Stamp	Anahtar Allen Key
TCMNN 1616 H 12	●	16	16	100	8	CNM. 12 04..							
2020 K 12	●	20	20	125	10								
2525 M12	●	25	25	150	12.5								
3232 P 12	●	32	32	170	16								
3232 P 16	○	32	32	170	16	CNM. 16 06..					-	-	
4040 S 16	○	40	40	250	20								



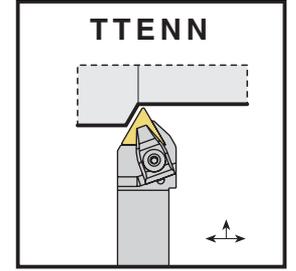
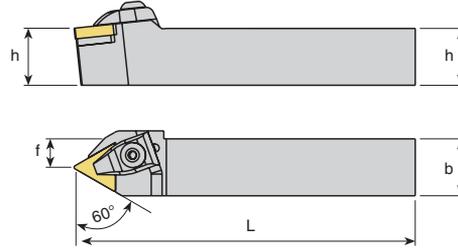
Takım Kodu Ordering Code	Stok Stock	Kater Ölçüleri (mm) Dimension (mm)				Kesici Uç Insert	Yedek Parçaları Spare Parts						
		h	b	L	f		Baskı Parçası Wedge Clamp	Baskı Vidası Screw	Altılık Shim	Altılık Vidası Shim Screw	Yay Spring	Pul Stamp	Anahtar Allen Key
TCZNN 2020 K 12	●	20	20	125	10	CNM. 12 04..							
2525 M12	●	25	25	150	12.5								
3232 P 12	●	32	32	170	16								

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

Sipariş Örneği/Ordering Example : 1 ad./pcs. TCZNN 2020 K12

T-SİSTEM DIŞ TORNA KATERLERİ

T-SYSTEM EXTERNAL TURNING TOOLHOLDERS



Takım Kodu
Ordering Code

Stok
Stock

Kater Ölçüleri (mm)
Dimension (mm)

Kesici Uç
Insert

Yedek Parçaları
Spare Parts

Baskı Parçası
Wedge Clamp

Baskı Vidası
Screw

Altılık
Shim

Altılık Vidası
Shim Screw

Yay
Spring

Pul
Stamp

Anahtar
Allen Key

h

b

L

f



TTENN 2020 K 16

●

20

20

125

10

TNM. 16 04..

ATK-01

AKV-01-M5x20

AATN-2-0002

AAV-03-M5x12

-

ABPL-01

AAL-03-3

2525 M16

●

25

25

150

12.5

3232 P 16

●

32

32

170

16

2525 M22

●

25

25

150

12.5

3232 P 22

●

32

32

170

16

4040 S 22

○

40

40

250

20

TNM. 22 04..

ATK-02

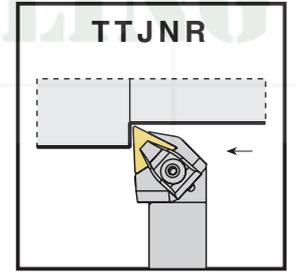
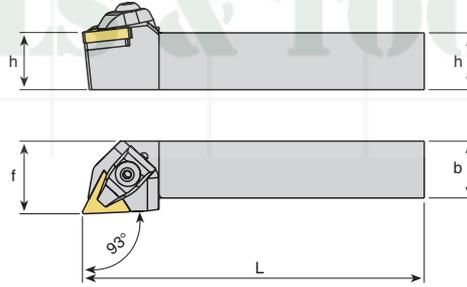
AKV-02-M6x20

AATN-3-0015

AAV-02-M5x12

AKY-01

93°



Takım Kodu
Ordering Code

Stok
Stock

Kater Ölçüleri (mm)
Dimension (mm)

Kesici Uç
Insert

Yedek Parçaları
Spare Parts

Baskı Parçası
Wedge Clamp

Baskı Vidası
Screw

Altılık
Shim

Altılık Vidası
Shim Screw

Yay
Spring

Pul
Stamp

Anahtar
Allen Key

R

L

h

b

L

f



TTJNR/L 2020 K 16

● ●

20

20

125

25

TNM. 16 04..

ATK-01

AKV-01-M5x20

AATN-2-0002

AAV-03-M5x12

-

ABPL-01

AAL-03-3

2525 M16

● ●

25

25

150

32

3232 P 16

● ●

32

32

170

40

2525 M22

● ●

25

25

150

32

3232 P 22

● ●

32

32

170

40

4040 S 22

○ ○

40

40

250

50

TNM. 22 04..

ATK-02

AKV-02-M6x20

AATN-3-0015

AAV-02-M5x12

AKY-01

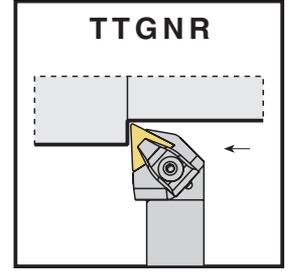
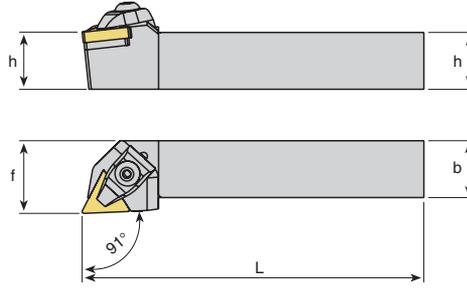
R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item

Sipariş Örneği/Ordering Example : 1 ad./pcs. TTJNR 2020 K16

T-SİSTEM DIŞ TORNA KATERLERİ

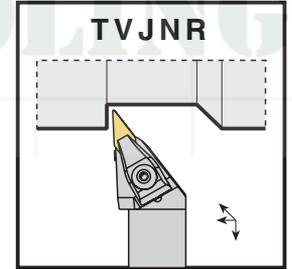
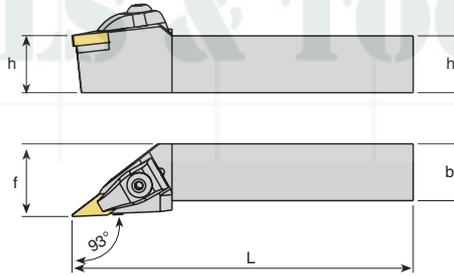
T-SYSTEM EXTERNAL TURNING TOOLHOLDERS

91°



Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)				Kesici Uç Insert	Yedek Parçaları Spare Parts													
	R	L	h	b	L	f		Baskı Parçası Wedge Clamp	Baskı Vidası Screw	Altlık Shim	Altlık Vidası Shim Screw	Yay Spring	Pul Stamp	Anahtar Allen Key							
TTGNR/L 2020 K 16	●	●	20	20	125	25															
2525 M 16	●	●	25	25	150	32									TNM. 16 04..	ATK-01	AKV-01-M5x20	AATN-2-0002	AAV-03-M5x12		
3232 P 16	○	○	32	32	170	40														ABPL-01	AAL-03-3
2525 M 22	●	●	25	25	150	32															
3232 P 22	○	○	32	32	170	40									TNM. 22 04..	ATK-02	AKV-02-M6x20	AATN-3-0015	AAV-02-M5x12	AKY-01	
4040 S 22	○	○	40	40	250	50															

93°



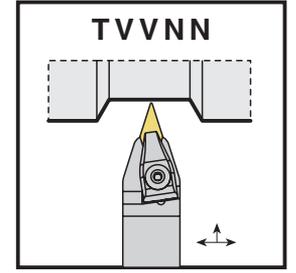
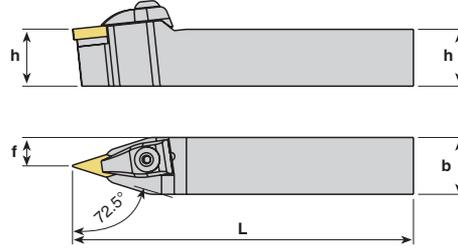
Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)				Kesici Uç Insert	Yedek Parçaları Spare Parts														
	R	L	h	b	L	f		Baskı Parçası Wedge Clamp	Baskı Vidası Screw	Altlık Shim	Altlık Vidası Shim Screw	Yay Spring	Pul Stamp	Anahtar Allen Key								
TVJNR/L 2020 K 16	●	●	20	20	125	25																
2525 M 16	●	●	25	25	150	32									VNM. 16 04..	ATK-03	AKV-02-M6x20	AAVN-2-0002	AAV-04-M5x12	AKY-01	ABPL-01	AAL-03-3
3232 P 16	●	●	32	32	170	40																

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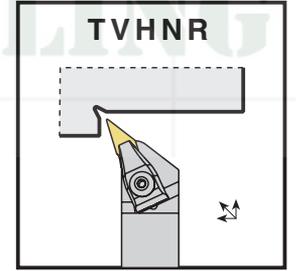
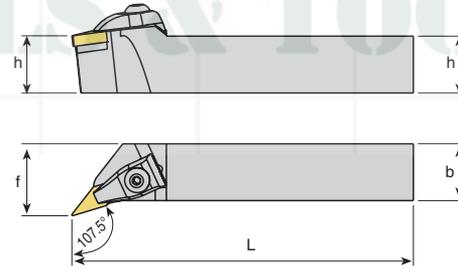
Sipariş Örneği/Ordering Example : 1 ad./pcs. TVJNR 2020 K16

T-SİSTEM DIŞ TORNA KATERLERİ

T-SYSTEM EXTERNAL TURNING TOOLHOLDERS



Takım Kodu Ordering Code	Stok Stock	Kater Ölçüleri (mm) Dimension (mm)				Kesici Uç Insert	Yedek Parçaları Spare Parts						
		h	b	L	f		Baskı Parçası Wedge Clamp	Baskı Vidası Screw	Altlık Shim	Altlık Vidası Shim Screw	Yay Spring	Pul Stamp	Anahtar Allen Key
TVVNN 2020 K 16	●	20	20	125	10	VNM. 16 04..	ATK-03	AKV-02-M6x20	AAVN-2-0002	AAV-04-M5x12	AKY-01	ABPL-01	AAL-03-3
2525 M16	●	25	25	150	12,5								
3232 P 16	●	32	32	170	16								



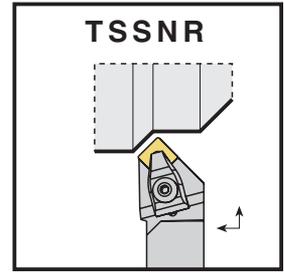
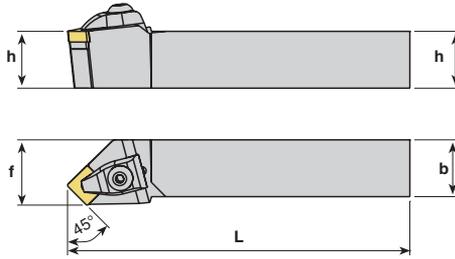
Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)				Kesici Uç Insert	Yedek Parçaları Spare Parts						
	R	L	h	b	L	f		Baskı Parçası Wedge Clamp	Baskı Vidası Screw	Altlık Shim	Altlık Vidası Shim Screw	Yay Spring	Pul Stamp	Anahtar Allen Key
TVHNR/L 2020 K 16	●	●	20	20	125	25	VNM. 16 04..	ATK-03	AKV-02-M6x20	AAVN-2-0002	AAV-04-M5x12	AKY-01	ABPL-01	AAL-03-3
2525 M16	●	●	25	25	150	32								
3232 P 16	○	○	32	32	170	40								

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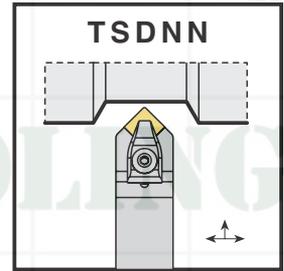
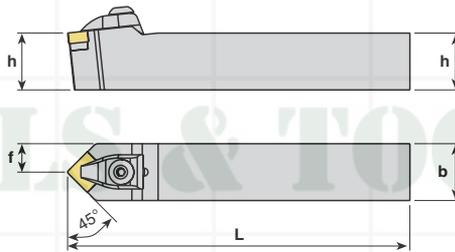
Sipariş Örneği/Ordering Example : 1 ad./pcs. TVHNR 2020 K16

T-SİSTEM DIŞ TORNA KATERLERİ

T-SYSTEM EXTERNAL TURNING TOOLHOLDERS



Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)				Kesici Uç Insert	Yedek Parçaları Spare Parts													
	R	L	h	b	L	f		Baskı Parçası Wedge Clamp	Baskı Vidası Screw	Altık Shim	Altık Vidası Shim Screw	Yay Spring	Pul Stamp	Anahtar Allen Key							
TSSNR/L 2020 K 12	●	●	20	20	125	25	SNM. 12 04..														
2525 M12	●	●	25	25	150	32									ATK-02	AKV-02-M6x20	AASN-3-0004	AAV-02-M5x12	AKY-01	ABPL-01	AAL-03-3
3232 P 12	●	●	32	32	170	40															
2525 M15	●	●	25	25	150	32	SNM. 15 06..	ATK-04	AKV-05-M6x25	AASN-3-0023	AAV-05-M6x15	-	-	AAL-05-4							



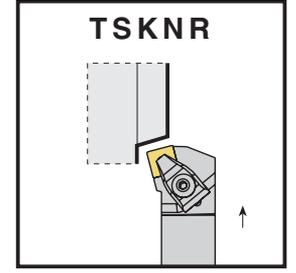
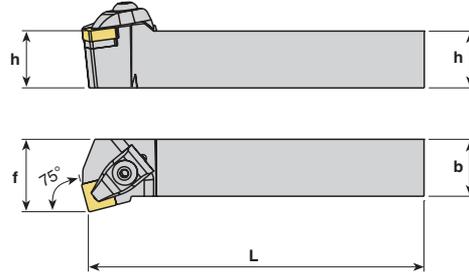
Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)				Kesici Uç Insert	Yedek Parçaları Spare Parts													
			h	b	L	f		Baskı Parçası Wedge Clamp	Baskı Vidası Screw	Altık Shim	Altık Vidası Shim Screw	Yay Spring	Pul Stamp	Anahtar Allen Key							
TSDNN 1616 H 12	●		16	16	100	8	SNM. 12 04..														
2020 K 12	●		20	20	125	10									ATK-02	AKV-02-M6x20	AASN-3-0004	AAV-02-M5x12	AKY-01	ABPL-01	AAL-03-3
2525 M12	●		25	25	150	12.5															
3232 P 12	●		32	32	170	16															
2525 M15	○		25	25	150	12.5	SNM. 15 06..	ATK-04	AKV-05-M6x25	AASN-3-0023	AAV-05-M6x15	-	-	AAL-05-4							
3232 P 15	○		32	32	170	16															
4040 S 15	○		40	40	250	20															

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

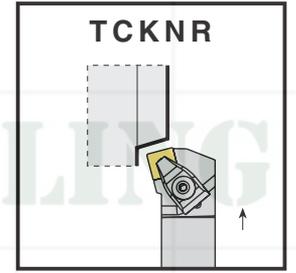
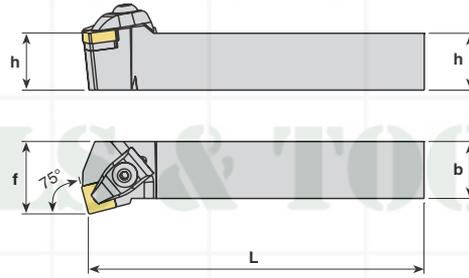
Sipariş Örneği/Ordering Example : 1 ad./pcs. TSDNN 1616 H12

T-SİSTEM DIŞ TORNA KATERLERİ

T-SYSTEM EXTERNAL TURNING TOOLHOLDERS



Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)				Kesici Uç Insert	Yedek Parçaları Spare Parts														
	R	L	h	b	L	f		Baskı Parçası Wedge Clamp	Baskı Vidası Screw	Altlık Shim	Altlık Vidası Shim Screw	Yay Spring	Pul Stamp	Anahtar Allen Key								
TSKNR/L 2020 K 12	●	●	20	20	125	25																
2525 M12	●	●	25	25	150	32									SNM. 12 04..	ATK-02	AKV-02-M6x20	AASN-3-0004	AAV-02-M5x12	AKY-01	ABPL-01	AAL-03-3
3232 P 12	●	●	32	32	170	40																



Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)				Kesici Uç Insert	Yedek Parçaları Spare Parts														
	R	L	h	b	L	f		Baskı Parçası Wedge Clamp	Baskı Vidası Screw	Altlık Shim	Altlık Vidası Shim Screw	Yay Spring	Pul Stamp	Anahtar Allen Key								
TCKNR/L 2020 K 12	○	○	20	20	125	25																
2525 M12	○	○	25	25	150	32									CNM. 12 04..	ATK-02	AKV-02-M6x20	AACN-3-0001	AAV-02-M5x12	AKY-01	ABPL-01	AAL-03-3
3232 P 12	●	●	32	32	170	40																
2525 M16	○	○	25	25	150	32	CNM. 16 06..															
3232 P 16	●	○	32	32	170	40									ATK-04	AKV-05-M6x25	AACN-3-0002	AAV-05-M6x15	-	-	AAL-05-4	

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

Sipariş Örneği/Ordering Example : 1 ad./pcs. TCKNR 3232 P12



M SISTEM

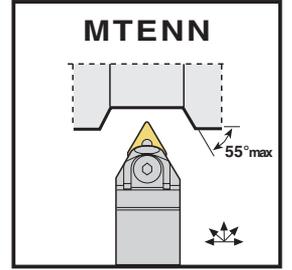
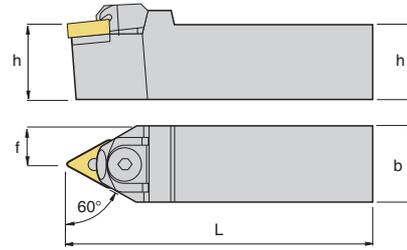
M SISTEM DIŐ TORNA KATERLERİ
M SYSTEM EXTERNAL TURNING TOOLHOLDERS

TOOLS & TOOLING

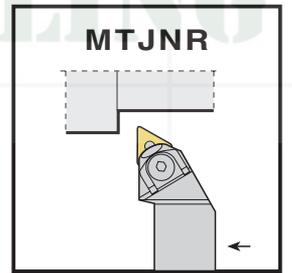
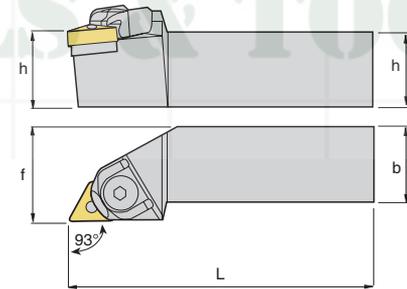


M-SİSTEM DIŞ TORNA KATERLERİ

M-SYSTEM EXTERNAL TURNING TOOLHOLDERS



Takım Kodu Ordering Code	Stok Stock	Kater Ölçüleri (mm) Dimension (mm)				Kesici Uç Insert	Yedek Parçaları Spare Parts					
		h	b	L	f		Baskı Parçası Wedge Clamp	Baskı Vidası Screw	Altılık Shim	Pim Pin	Pul Stamp	Anahtar Allen Key
MTENN 2020 K 16	●	20	20	125	10	TNM. 16 04..	AMK-04	AKV-02-M6x20	AATN-2-0002	APM-01	ABPL-01	AAL-03-3
2525 M16	●	25	25	150	12.5							
3232 P 16	●	32	32	170	16							
2525 M22	●	25	25	150	12.5	TNM. 22 04..	AMK-04	AKV-02-M6x20	AATN-3-0015	APM-02	ABPL-01	AAL-03-3
3232 P 22	●	32	32	170	16							
4040 S 22	○	40	40	250	20							



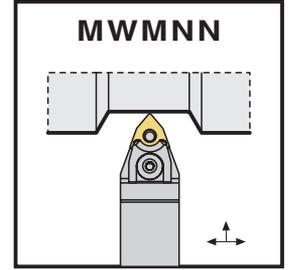
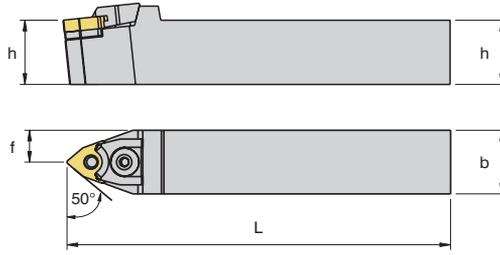
Takım Kodu Ordering Code	Stok Stock	Kater Ölçüleri (mm) Dimension (mm)				Kesici Uç Insert	Yedek Parçaları Spare Parts						
		R	L	h	b		L	f	Baskı Parçası Wedge Clamp	Baskı Vidası Screw	Altılık Shim	Pim Pin	Pul Stamp
MTJNR/L 2020 K 16	●	●	20	20	125	25	TNM. 16 04..	AMK-04	AKV-02-M6x20	AATN-2-0002	APM-01	ABPL-01	AAL-03-3
2525 M16	●	●	25	25	150	32							
3232 P 16	●	●	32	32	170	40							
2525 M22	●	●	25	25	150	32	TNM. 22 04..	AMK-04	AKV-02-M6x20	AATN-3-0015	APM-02	ABPL-01	AAL-03-3
3232 P 22	●	●	32	32	170	40							
4040 S 22	●	○	40	40	250	50							

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

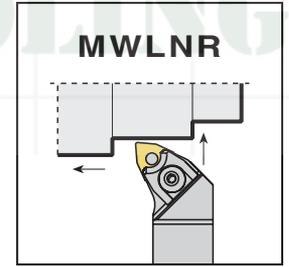
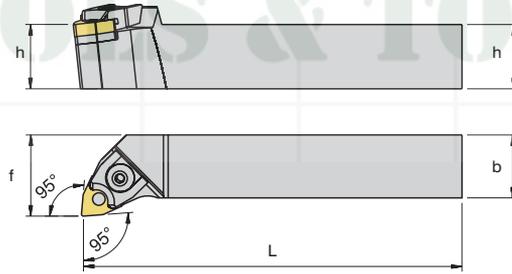
Sipariş Örneği/Ordering Example : 1 ad./pcs. MTJNR 2020 K16

M-SİSTEM DIŞ TORNA KATERLERİ

M-SYSTEM EXTERNAL TURNING TOOLHOLDERS



Takım Kodu Ordering Code	Stok Stock	Kater Ölçüleri (mm) Dimension (mm)				Kesici Uç Insert	Yedek Parçaları Spare Parts										
		h	b	L	f		Baskı Parçası Wedge Clamp	Baskı Vidası Screw	Altlık Shim	Pim Pin	Pul Stamp	Anahtar Allen Key					
MWMNN 1616 H 06-Z	○	16	16	100	8												
2020 K 06-Z	○	20	20	125	10								WNM. 06 04..	AMK-01	AKV-04-M5x20	-	APM-03
2525 M06-Z	○	25	25	150	12.5	WNM. 08 04..											
2020 K 08	●	20	20	125	10								AMK-05	AKV-03-M6x20	AAWN-3-0001	APM-02	ABPL-01
2525 M08	●	25	25	150	12.5												
3232 P 08	●	32	32	170	16												



Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)				Kesici Uç Insert	Yedek Parçaları Spare Parts										
	R	L	h	b	L	f		Baskı Parçası Wedge Clamp	Baskı Vidası Screw	Altlık Shim	Pim Pin	Pul Stamp	Anahtar Allen Key					
MWLNR/L 1616 H 06-Z	○	○	16	16	100	20												
2020 K 06-Z	●	●	20	20	125	25								WNM. 06 04..	AMK-01	AKV-04-M5x20	-	APM-03
2525 M06-Z	●	●	25	25	150	32	WNM. 08 04..											
2020 K 08	●	●	20	20	125	25								AMK-05	AKV-03-M6x20	AAWN-3-0001	APM-02	ABPL-01
2525 M08	●	●	25	25	150	32												
3232 P 08	●	●	32	32	170	40												

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

Sipariş Örneği/Ordering Example : 1 ad./pcs. MWLNR 2020 K08



S SISTEM

S SISTEM DIŐ TORNA KATERLERI
S SYSTEM EXTERNAL TURNING TOOLHOLDERS



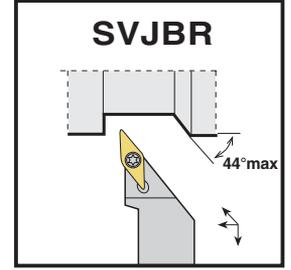
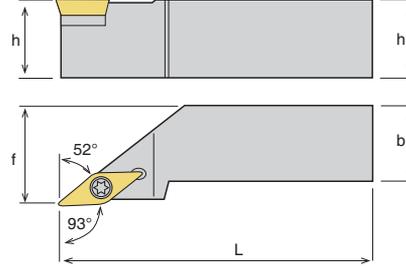
AKKO
SCLCR 25X25 M12
150508

TOOLS & TOOLING

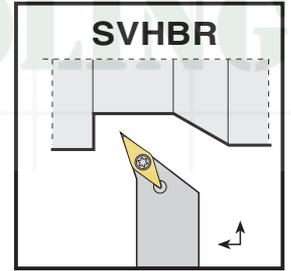
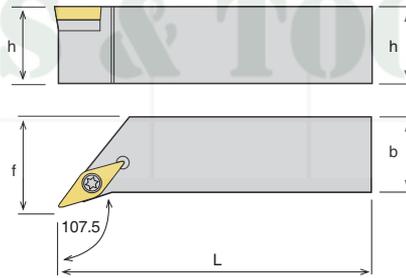
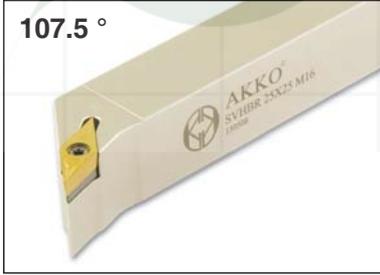


S-SİSTEM DIŞ TORNA KATERLERİ

S-SYSTEM EXTERNAL TURNING TOOLHOLDERS



Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)				Kesici Uç Insert	Yedek Parçaları Spare Parts				
	R	L	h	b	L	f		Sıkma Vidası Clamp Screw	Altlık Shim	Altlık Vidası Shim Screw	Tork Anahtar Torx Key	
SVJBR/L 1212 F 11	●	●	12	12	80	16						
1616 H 11	●	●	16	16	100	20						
2020 K 11	●	●	20	20	125	25						
2020 K 16	●	●	20	20	125	25						
2525 M 16	●	●	25	25	150	32						
3232 P 16	●	●	32	32	170	40						



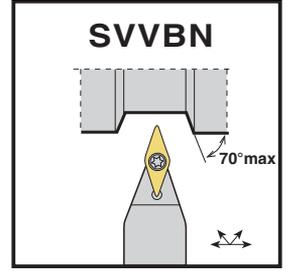
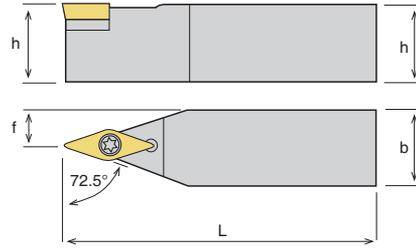
Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)				Kesici Uç Insert	Yedek Parçaları Spare Parts				
	R	L	h	b	L	f		Sıkma Vidası Clamp Screw	Altlık Shim	Altlık Vidası Shim Screw	Tork Anahtar Torx Key	
SVHBR/L 1212 F 11	●	●	12	12	80	16						
1616 H 11	●	●	16	16	100	20						
2020 K 11	●	●	20	20	125	25						
2020 K 16	●	●	20	20	125	25						
2525 M 16	●	●	25	25	150	32						
3232 P 16	●	●	32	32	170	40						

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

Sipariş Örneği/Ordering Example : 1 ad./pcs. SVHBR 1212 F11

S-SİSTEM DIŞ TORNA KATERLERİ

S-SYSTEM EXTERNAL TURNING TOOLHOLDERS



Takım Kodu
Ordering Code

Stok
Stock

Kater Ölçüleri (mm)
Dimension (mm)

Kesici Uç
Insert

Yedek Parçaları
Spare Parts

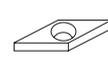
Sıkma Vidası
Clamp Screw

Altık
Shim

Altık Vidası
Shim Screw

Tork Anahtar
Torx Key

h b L f



SVVBN 1212 F 11
1616 H 11
2020 K 11
2020 K 16
2525 M16
3232 P 16

● ● ● ● ● ●

12 12 80 06
16 16 100 08
20 20 125 10
20 20 125 10
25 25 150 12.5
32 32 170 16

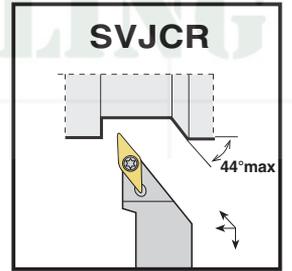
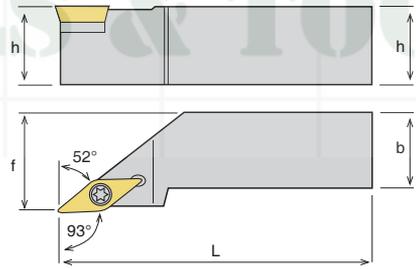
VBM. 11 03..
VBM. 16 04..

1008-M2.5x7
1015-M3.5x14

-
AAVN-2-0002

-
AAV-06-M3.5x11

80-T08
80-T15



Takım Kodu
Ordering Code

Stok
Stock

Kater Ölçüleri (mm)
Dimension (mm)

Kesici Uç
Insert

Yedek Parçaları
Spare Parts

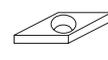
Sıkma Vidası
Clamp Screw

Altık
Shim

Altık Vidası
Shim Screw

Tork Anahtar
Torx Key

R L h b L f



SVJCR/L1212 F 11
1616 H 11
2020 K 11
2020 K 16
2525 M16
3232 P 16

● ● ● ● ● ●

12 12 80 16
16 16 100 20
20 20 125 25
20 20 125 25
25 25 150 32
32 32 170 40

VCM. 11 03..
VCM. 16 04..

1008-M2.5x7
1015-M3.5x14

-
AAVN-2-0002

-
AAV-06-M3.5x11

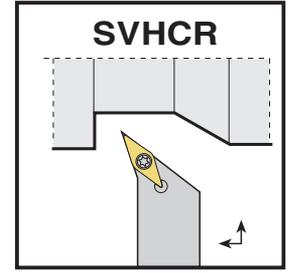
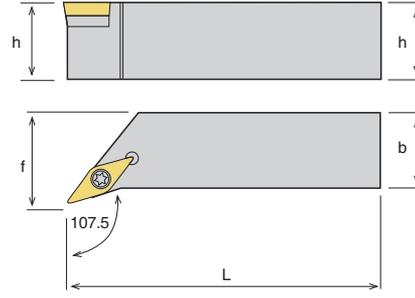
80-T08
80-T15

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

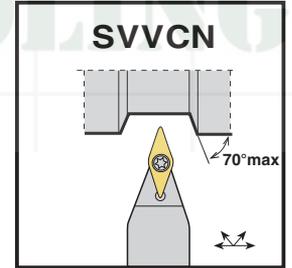
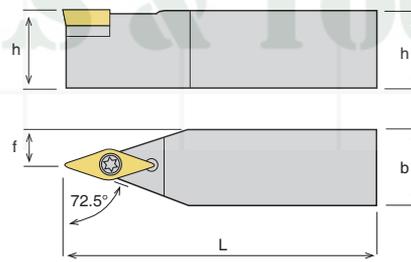
Sipariş Örneği/Ordering Example : 1 ad./pcs. SVJCR 1212 F11

S-SİSTEM DIŞ TORNA KATERLERİ

S-SYSTEM EXTERNAL TURNING TOOLHOLDERS



Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)				Kesici Uç Insert	Yedek Parçaları Spare Parts			
	R	L	h	b	L	f		Sıkma Vidası Clamp Screw	Altlık Shim	Altlık Vidası Shim Screw	Tork Anahtar Torx Key
SVHCR/L 1212 F 11	●	●	12	12	80	16			-	-	80-T08
1616 H 11	●	●	16	16	100	20					
2020 K 11	●	●	20	20	125	25					
2020 K 16	●	●	20	20	125	25					
2525 M16	●	●	25	25	150	32		1015-M3.5x14	AAVN-2-0002	AAV-06-M3.5x11	80-T15
3232 P 16	●	●	32	32	170	40					



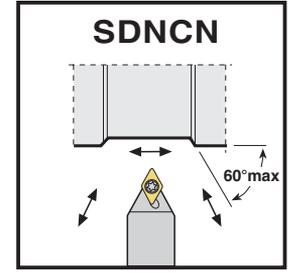
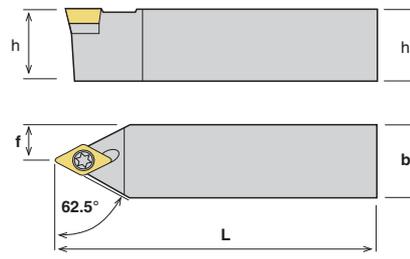
Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)				Kesici Uç Insert	Yedek Parçaları Spare Parts			
	R	L	h	b	L	f		Sıkma Vidası Clamp Screw	Altlık Shim	Altlık Vidası Shim Screw	Tork Anahtar Torx Key
SVVCN 1212 F 11	●	●	12	12	80	06			-	-	80-T08
1616 H 11	●	●	16	16	100	08					
2020 K 11	●	●	20	20	125	10					
2020 K 16	●	●	20	20	125	10					
2525 M16	●	●	25	25	150	12.5		1015-M3.5x14	AAVN-2-0002	AAV-06-M3.5x11	80-T15
3232 P 16	●	●	32	32	170	16					

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

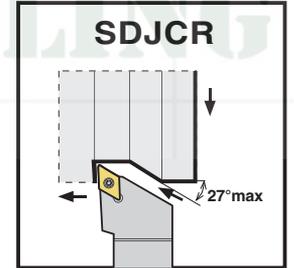
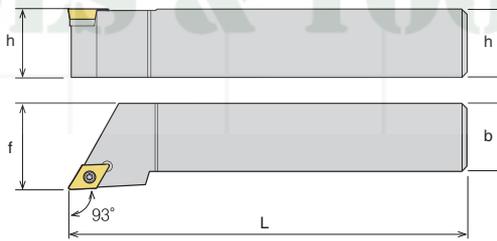
Sipariş Örneği/Ordering Example : 1 ad./pcs. SVVCN 1212 F11

S-SİSTEM DIŞ TORNA KATERLERİ

S-SYSTEM EXTERNAL TURNING TOOLHOLDERS



Takım Kodu Ordering Code	Stok Stock	Kater Ölçüleri (mm) Dimension (mm)				Kesici Uç Insert	Yedek Parçaları Spare Parts			
		h	b	L	f		Sıkma Vidası Clamp Screw	Altık Shim	Altık Vidası Shim Screw	Tork Anahtar Torx Key
SDNCN 0808 E 07	●	08	08	70	04					
1010 E 07	●	10	10	70	05					
1212 F 07	●	12	12	80	06					
1616 H 07	●	16	16	100	08					
1616 H 11	●	16	16	100	08					
2020 K 11	●	20	20	125	10					
2525 M 11	●	25	25	150	12.5					
3232 P 11	●	32	32	170	16					



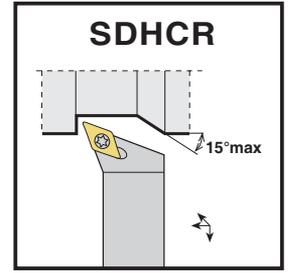
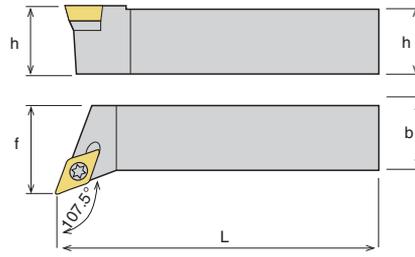
Takım Kodu Ordering Code	Stok Stock	Kater Ölçüleri (mm) Dimension (mm)				Kesici Uç Insert	Yedek Parçaları Spare Parts				
		R	L	h	b		L	f	Sıkma Vidası Clamp Screw	Altık Shim	Altık Vidası Shim Screw
SDJCR/L 0808 E 07	●	●	08	08	70	10					
1010 E 07	●	●	10	10	70	12					
1212 F 07	●	●	12	12	80	16					
1616 H 07	●	●	16	16	100	20					
1616 H 11	●	●	16	16	100	20					
2020 K 11	●	●	20	20	125	25					
2525 M 11	●	●	25	25	150	32					
3232 P 11	●	●	32	32	170	40					

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

Sipariş Örneği/Ordering Example : 1 ad./pcs. SDJCR 0808 E07

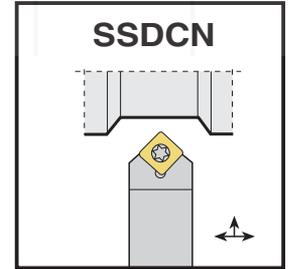
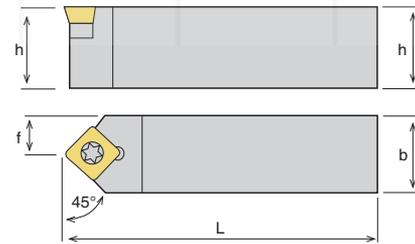
S-SİSTEM DIŞ TORNA KATERLERİ

S-SYSTEM EXTERNAL TURNING TOOLHOLDERS



Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)				Kesici Uç Insert	Yedek Parçaları Spare Parts			
	R	L	h	b	L	f		Sıkma Vidası Clamp Screw	Altlık Shim	Altlık Vidası Shim Screw	Tork Anahtar Torx Key
SDHCR/L 0808 E 07	●	●	08	08	70	10	DCM. 07 02..	1008-M2.5x7	-	-	80-T08
1010 E 07	●	●	10	10	70	12					
1212 F 07	●	●	12	12	80	16					
1616 H 07	●	●	16	16	100	20					
1616 H 11	●	●	16	16	100	20	DCM. 11 T3..	1015-M3.5x14	AADN-2-0001	AAV-06-M3.5x11	80-T15
2020 K 11	●	●	20	20	125	25					
2525 M 11	●	●	25	25	150	32					
3232 P 11	●	●	32	32	170	40					

TOOLS & TOOLING



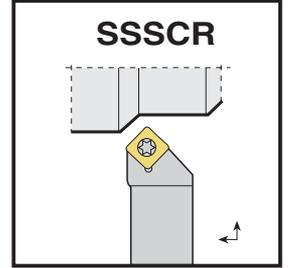
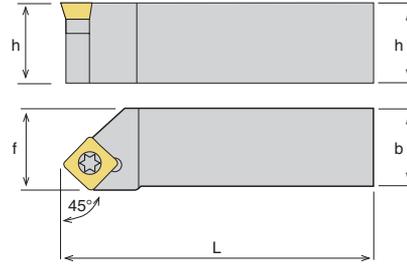
Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)				Kesici Uç Insert	Yedek Parçaları Spare Parts			
	R	L	h	b	L	f		Sıkma Vidası Clamp Screw	Altlık Shim	Altlık Vidası Shim Screw	Tork Anahtar Torx Key
SSDCN 1212 F 09	●		12	12	80	6	SCM. 09 T3..	1015-M3.5x9	-	-	80-T15
1616 H 09	●		16	16	100	8					
2020 K 09	●		20	20	125	10					
1616 H 12	●		16	16	100	8	SCM. 12 04..	1020-M4.5x16	AASN-2-0004	AAV-07-M4.5x11	80-T20
2020 K 12	●		20	20	125	10					
2525 M 12	●		25	25	150	12.5					

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

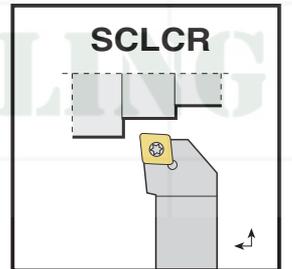
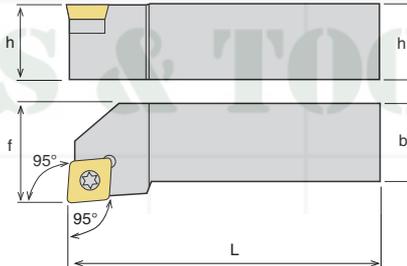
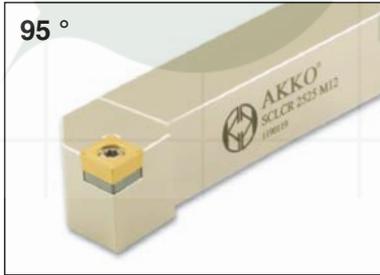
Sipariş Örneği/Ordering Example : 1 ad./pcs. SSDCN 1212 F09

S-SİSTEM DIŞ TORNA KATERLERİ

S-SYSTEM EXTERNAL TURNING TOOLHOLDERS



Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)				Kesici Uç Insert	Yedek Parçaları Spare Parts			
	R	L	h	b	L	f		Sıkma Vidası Clamp Screw	Altlık Shim	Altlık Vidası Shim Screw	Tork Anahtar Torx Key
SSSCR/L 1212 F 09	●	●	12	12	80	16	SCM. 09 T3..	1015-M3.5x9	-	-	80-T15
1616 H 09	●	●	16	16	100	20		1015-M3.5x14	AASN-2-0001	AAV-06-M3.5x11	
2020 K 09	●	●	20	20	125	25					
1616 H 12	○	○	16	16	100	20	SCM. 12 04..	1020-M4.5x16	AASN-2-0004	AAV-07-M4.5x11	80-T20
2020 K 12	●	●	20	20	125	25					
2525 M12	●	●	25	25	150	32					



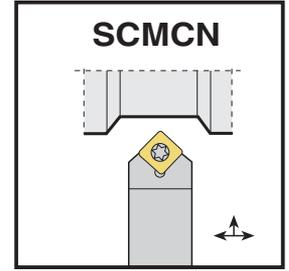
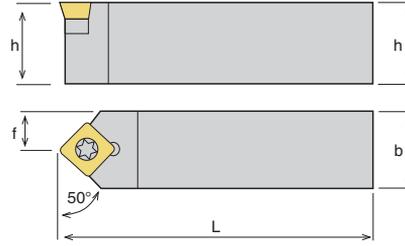
Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)				Kesici Uç Insert	Yedek Parçaları Spare Parts			
	R	L	h	b	L	f		Sıkma Vidası Clamp Screw	Altlık Shim	Altlık Vidası Shim Screw	Tork Anahtar Torx Key
SCLCR/L 0808 E 06	●	●	08	08	70	10	CCM. 06 02..	1008-M2.5x7	-	-	80-T08
1010 E 06	●	●	10	10	70	12		1015-M3.5x9	-	-	
1212 F 09	●	●	12	12	80	16	CCM. 09 T3..	1015-M3.5x14	AACN-2-0001	AAV-06-M3.5x11	80-T15
1616 H 09	●	●	16	16	100	20					
2020 K 09	●	●	20	20	125	25					
2020 K 12	●	●	20	20	125	25	CCM. 12 04..	1020-M4.5x16	AACN-2-0003	AAV-07-M4.5x11	80-T20
2525 M12	●	●	25	25	150	32					

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

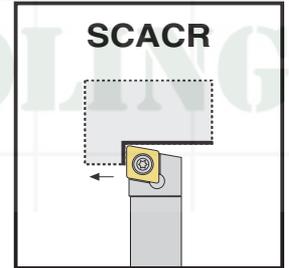
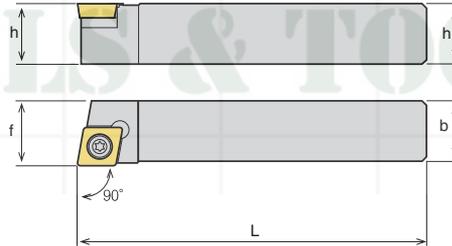
Sipariş Örneği/Ordering Example : 1 ad./pcs. SCLCR 0808 E06

S-SİSTEM DIŞ TORNA KATERLERİ

S-SYSTEM EXTERNAL TURNING TOOLHOLDERS



Takım Kodu Ordering Code	Stok Stock	Kater Ölçüleri (mm) Dimension (mm)				Kesici Uç Insert	Yedek Parçaları Spare Parts			
		h	b	L	f		Sıkma Vidası Clamp Screw	Altlık Shim	Altlık Vidası Shim Screw	Tork Anahtar Torx Key
SCMCN 0808 E 06	●	08	08	70	04	CCM. 06 02..	1008-M2.5x7	-	-	80-T08
1010 E 06	●	10	10	70	05					
1212 F 09	●	12	12	80	06	CCM. 09 T3..	1015-M3.5x9	-	-	80-T15
1616 H 09	●	16	16	100	08					
2020 K 12	○	20	20	125	10	CCM. 12 04..	1020-M4.5x16	AACN-2-0001	AAV-06-M3.5x11	80-T20
2525 M12	○	25	25	150	12,5					



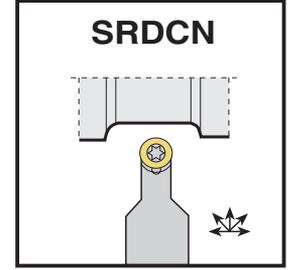
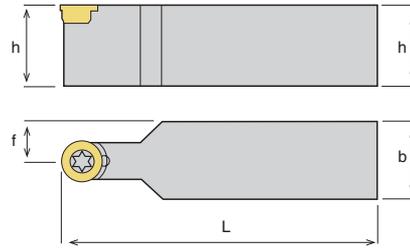
Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)				Kesici Uç Insert	Yedek Parçaları Spare Parts			
	R	L	h	b	L	f		Sıkma Vidası Clamp Screw	Altlık Shim	Altlık Vidası Shim Screw	Tork Anahtar Torx Key
SCACR/L 0808 E 06	○	○	08	08	70	10	CCM. 06 02..	1008-M2.5x7	-	-	80-T08
1010 E 06	○	○	10	10	70	12					
1212 F 09	●	●	12	12	80	16	CCM. 09 T3..	1015-M3.5x9	-	-	80-T15
1616 H 09	○	○	16	16	100	20					
2020 K 09	●	●	20	20	125	25	CCM. 12 04..	1015-M3.5x14	AACN-2-0001	AAV-06-M3.5x11	80-T20
2020 K 12	○	○	20	20	125	25					
2525 M12	○	○	25	25	150	32	1020-M4.5x16	AACN-2-0003	AAV-07-M4.5x11	80-T20	

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

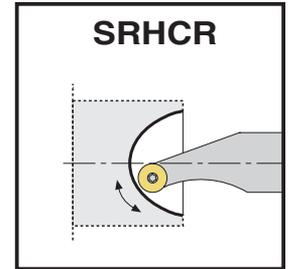
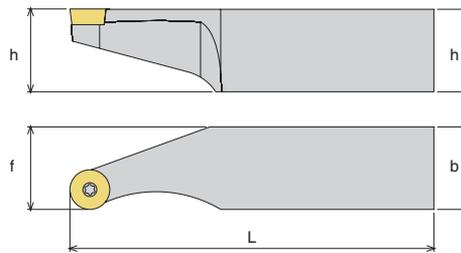
Sipariş Örneği/Ordering Example : 1 ad./pcs. SCACR 0808 E06

S-SİSTEM DIŞ TORNA KATERLERİ

S-SYSTEM EXTERNAL TURNING TOOLHOLDERS



Takım Kodu Ordering Code	Stok Stock	Kater Ölçüleri (mm) Dimension (mm)				Kesici Uç Insert	Yedek Parçaları Spare Parts					
		h	b	L	f		Sıkma Vidası Clamp Screw	Altılık Shim	Altılık Vidası Shim Screw	Baskı Parçası Wedge Clamp	Baskı Vidası Screw	Tork Anahtar Torx Key
SRDCN 1616 H 06	○	16	16	100	8	RC.T 06 02..	1008-M2.5x7	-	-	-	-	80-T08
2020 K 06	●	20	20	125	10							
2525 M06	●	25	25	150	12.5							
1616 H 08C	●	16	16	100	8	RC.T 08 03..	1008-M3x9	-	-	ACK-15	1015-M3.5x9	80-T15
2020 K 08C	●	20	20	125	10							
2525 M08C	●	25	25	150	12.5							
1616 H 10C	●	16	16	100	8	RC.T 10 T3..	1015-M3.5x9	-	-	ACK-05	1515-M4x11	80-T20
2020 K 10C	●	20	20	125	10							
2525 M10C	●	25	25	150	12.5							
3232 P 10C	●	32	32	170	16	RC.T 12 04..	1020-M5x11	-	-	-	-	-
2020 K 12C	●	20	20	125	10							
2525 M12C	●	25	25	150	12.5							
3232 P 12C	●	32	32	170	16	RC.T 16 05..	1020-M5x11	-	-	-	-	-
3232 P 16C	●	32	32	170	16							



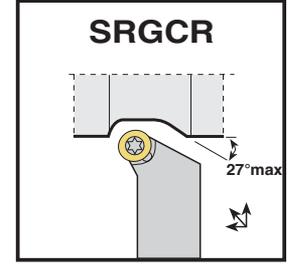
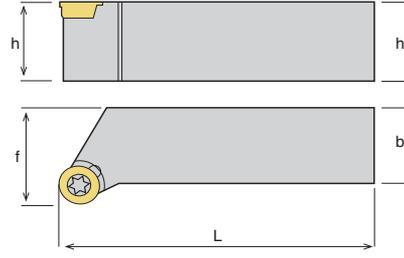
Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)				Kesici Uç Insert	Yedek Parçaları Spare Parts			
	R	L	h	b	L	f		Sıkma Vidası Clamp Screw	Altılık Shim	Altılık Vidası Shim Screw	Tork Anahtar Torx Key
SRHCR/L 2525 K10	●	●	25	25	125	25	RC.T 10 T3..	1015-M3.5x9	-	-	80-T15
2525 K12	●	●	25	25	125	25					
2525 K16	●	●	25	25	125	25					
							RC.T 12 04..				
							RC.T 16 06..				

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

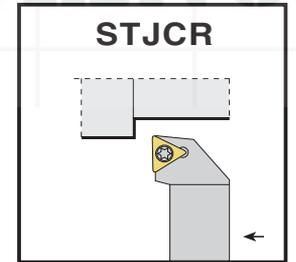
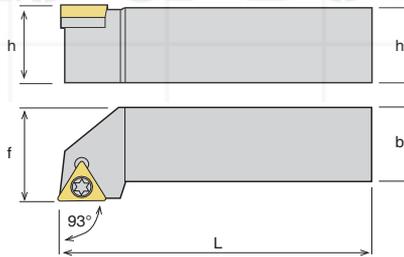
Sipariş Örneği/Ordering Example : 1 ad./pcs. SRHCR 2525 K10

S-SİSTEM DIŞ TORNA KATERLERİ

S-SYSTEM EXTERNAL TURNING TOOLHOLDERS



Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)				Kesici Uç Insert	Yedek Parçaları Spare Parts					
	R	L	h	b	L	f		Sıkma Vidası Clamp Screw	Altlık Shim	Altlık Vidası Shim Screw	Baskı Parçası Wedge Clamp	Baskı Vidası Screw	Tork Anahtar Torx Key
SRGCR/L1616 H 06	○	○	16	16	100	20	RC.T 06 02..	1008-M2.5x7	-	-	-	-	80-T08
2020 K 06	○	○	20	20	125	25							
1616 H 08C	●	●	16	16	100	20	RC.T 08 03..	1008-M3x9	-	-	ACK-15	1015-M3.5x9	80-T15
2020 K 08C	●	●	20	20	125	25							
2525 M08C	●	●	25	25	150	32	RC.T 10 T3..	1015-M3.5x9	-	-	ACK-05	1515-M4x11	80-T15
1616 H 10C	●	●	16	16	100	20							
2020 K 10C	●	●	20	20	125	25	RC.T 12 04..	1015-M3.5x9	-	-	ACK-05	1515-M4x11	80-T15
2525 M10C	●	●	25	25	150	32							
3232 P 10C	●	●	32	32	170	40							
2020 K 12C	●	●	20	20	125	25							
2525 M12C	●	●	25	25	150	32							
3232 P 12C	●	●	32	32	170	40							



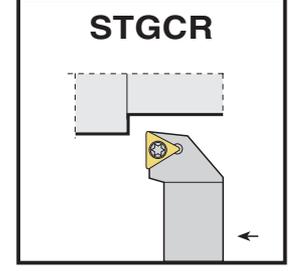
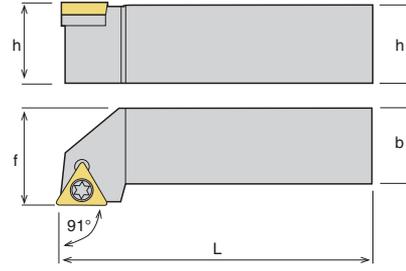
Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)				Kesici Uç Insert	Yedek Parçaları Spare Parts			
	R	L	h	b	L	f		Sıkma Vidası Clamp Screw	Altlık Shim	Altlık Vidası Shim Screw	Tork Anahtar Torx Key
STJCR/L 0808 E 09	●	●	08	08	70	10	TCM. 09 02..	3007-M2.2x5	-	-	80-T07
1010 E 09	●	●	10	10	70	12					
1212 F 11	●	●	12	12	80	16	TCM. 11 02..	1008-M2.5x7	-	-	80-T08
1616 H 11	●	●	16	16	100	20					
1616 H 16	●	●	16	16	100	20	TCM. 16 T3..	1015-M3.5x14	AATN-2-0001	AAV-06-M3.5x11	80-T15
2020 K 16	●	●	20	20	125	25					
2525 M16	●	●	25	25	150	32					
3232 P 16	●	●	32	32	170	40					

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

Sipariş Örneği/Ordering Example : 1 ad./pcs. STJCR 0808 E09

S-SİSTEM DIŞ TORNA KATERLERİ

S-SYSTEM EXTERNAL TURNING TOOLHOLDERS



Takım Kodu
Ordering Code

Stok
Stock

Kater Ölçüleri (mm)
Dimension (mm)

Kesici Uç
Insert

Yedek Parçaları
Spare Parts

Sıkma Vidası
Clamp Screw

Altlık
Shim

Altlık Vidası
Shim Screw

Tork Anahtar
Torx Key

R L

h

b

L

f



STGCR/L 0808 E 09

● ●

08

08

70

10

TCM. 09 02..

3007-M2.2x5

80-T07

1010 E 09

● ●

10

10

70

12

TCM. 11 02..

1008-M2.5x7

80-T08

1212 F 11

● ●

12

12

80

16

1616 H 11

● ●

16

16

100

20

1616 H 16

○ ○

16

16

100

20

2020 K 16

● ●

20

20

125

25

TCM. 16 T3..

1015-M3.5x14

AATN-2-0001

AAV-06-M3.5x11

80-T15

2525 M 16

● ●

25

25

150

32

3232 P 16

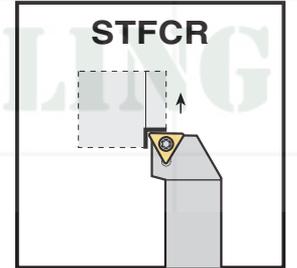
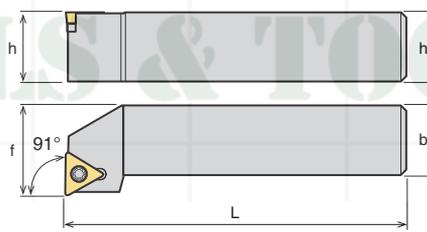
● ●

32

32

170

40



Takım Kodu
Ordering Code

Stok
Stock

Kater Ölçüleri (mm)
Dimension (mm)

Kesici Uç
Insert

Yedek Parçaları
Spare Parts

Sıkma Vidası
Clamp Screw

Altlık
Shim

Altlık Vidası
Shim Screw

Tork Anahtar
Torx Key

R L

h

b

L

f



STFGR/L 0808 E 09

○ ○

08

08

70

10

TCM. 09 02..

3007-M2.2x5

80-T07

1010 E 09

○ ○

10

10

70

12

TCM. 11 02..

1008-M2.5x7

80-T08

1212 F 11

○ ○

12

12

80

16

1616 H 11

○ ○

16

16

100

20

1616 H 16

● ●

16

16

100

20

2020 K 16

● ○

20

20

125

25

TCM. 16 T3..

1015-M3.5x14

AATN-2-0001

AAV-06-M3.5x11

80-T15

2525 M 16

● ●

25

25

150

32

3232 P 16

○ ○

32

32

170

40

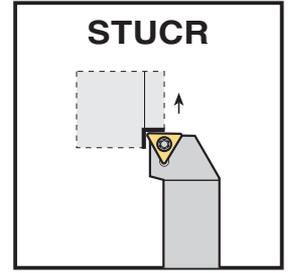
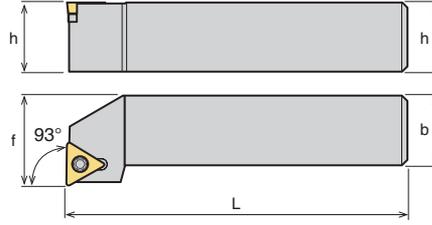
R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item

Sipariş Örneği/Ordering Example : 1 ad./pcs. STFGR 0808 E09

S-SİSTEM DIŞ TORNA KATERLERİ

S-SYSTEM EXTERNAL TURNING TOOLHOLDERS

93°



Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)				Kesici Uç Insert	Yedek Parçaları Spare Parts			
	R	L	h	b	L	f		Sıkma Vidası Clamp Screw	Altlık Shim	Altlık Vidası Shim Screw	Tork Anahtar Torx Key
STUCR/L 0808 E 09	●	●	08	08	70	10					
1010 E 09	●	●	10	10	70	12	TCM. 09 02..	3007-M2.2x5			80-T07
1212 F 11	●	●	12	12	80	16	TCM. 11 02..	1008-M2.5x7			80-T08
1616 H 11	●	●	16	16	100	20					
1616 H 16	○	○	16	16	100	20					
2020 K 16	●	●	20	20	125	25	TCM. 16 T3..	1015-M3.5x14	AATN-2-0001	AAV-06-M3.5x11	80-T15
2525 M16	●	●	25	25	150	32					
3232 P 16	●	●	32	32	170	40					

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

Sipariş Örneği/Ordering Example : 1 ad./pcs. STUCR 0808 E09

TOOLS & TOOLING





P SİSTEM

P SİSTEM DIŞ TORNA KATERLERİ
P SYSTEM EXTERNAL TURNING TOOLHOLDERS

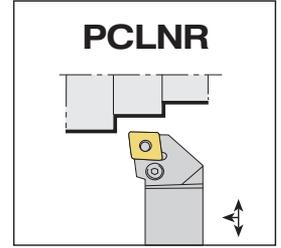
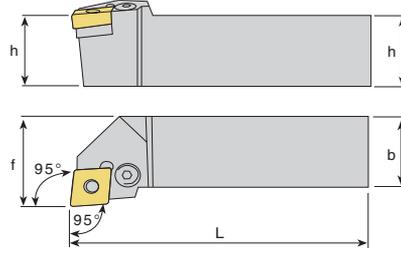
AKKO®
PSB NR 4040 S19C
76889



P-SİSTEM DIŞ TORNA KATERLERİ

P-SYSTEM EXTERNAL TURNING TOOLHOLDERS

95 °



Takım Kodu
Ordering Code

Stok
Stock

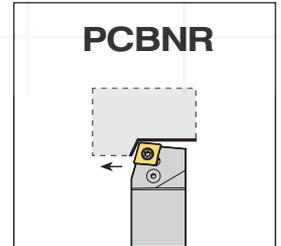
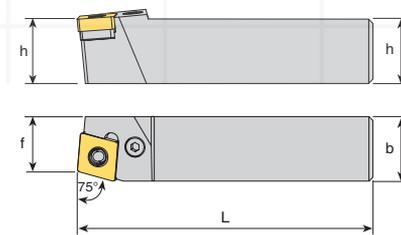
Kater Ölçüleri (mm)
Dimension (mm)

Kesici Uç
Insert

Yedek Parçaları
Spare Parts

Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)				Kesici Uç Insert	Levyeye Lever	Levyeye Vidası Lever Screw	Aitlik Shim	Aitlik Yayı Shim Spring	Baskı Parçası Wedge Clamp	Baskı Vidası Screw	Anahtar Allen Key
	R	L	h	b	L	f								
PCLNR/L 1616 H 09	○	○	16	16	100	20	CNM. 09 03..	07010909	07010910	07010901	07010911	-	-	AAL-02-2.5
2020 K 09	○	○	20	20	125	25								
2525 M 09	○	○	25	25	150	32								
1616 H 12C	●	●	16	16	100	20	CNM. 12 04..	APL-02	ALV-03-M8x19	AACN-3-0001	AAY-02	ACK-05	1515-M4x11	AAL-03-3
2020 K 12C	●	●	20	20	125	25								
2525 M 12C	●	●	25	25	150	32								
3232 P 12C	●	●	32	32	170	40	CNM. 16 06..	APL-04	ALV-04-M8x22	AACN-3-0002	AAY-03	ACK-09	AAV-05-M6x15	AAL-05-4
2525 M 16C	●	●	25	25	150	32								
3232 P 16C	●	●	32	32	170	40								
2525 M 19C	●	●	25	25	150	32	CNM. 19 06..	APL-05	ALV-05-M10x27	AACN-3-0003	AAY-04	ACK-09	AAV-05-M6x15	AAL-05-4
3232 P 19C	●	●	32	32	170	40								
4040 S 19C	●	●	40	40	250	50								
4040 S 25C	●	●	40	40	250	50	CNM. 25 09..	APL-06	ALV-06-M12x36	AACN-3-0008	AAY-05	ACK-04	AKV-16-M6x16	AAL-07-5
5050 S 25C	●	●	50	50	250	60								

75 °



Takım Kodu
Ordering Code

Stok
Stock

Kater Ölçüleri (mm)
Dimension (mm)

Kesici Uç
Insert

Yedek Parçaları
Spare Parts

Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)				Kesici Uç Insert	Levyeye Lever	Levyeye Vidası Lever Screw	Aitlik Shim	Aitlik Yayı Shim Spring	Baskı Parçası Wedge Clamp	Baskı Vidası Screw	Anahtar Allen Key
	R	L	h	b	L	f								
PCBNR/L 2020 K 12C	●	●	20	20	125	25	CNM. 12 04..	APL-02	ALV-03-M8x19	AACN-3-0001	AAY-02	ACK-05	1515-M4x11	AAL-03-3
2525 M 12C	●	●	25	25	150	32								
3232 P 12C	●	●	32	32	170	40								
2525 M 16C	●	●	25	25	150	32	CNM. 16 06..	APL-04	ALV-04-M8x22	AACN-3-0002	AAY-03	ACK-09	AAV-05-M6x15	AAL-05-4
3232 P 16C	●	●	32	32	170	40								
3232 P 19C	●	●	32	32	170	40								
4040 S 19C	●	●	40	40	250	50	CNM. 19 06..	APL-05	ALV-05-M10x27	AACN-3-0003	AAY-04	ACK-09	AAV-05-M6x15	AAL-05-4
4040 S 25C	●	●	40	40	250	50								
5050 S 25C	○	○	50	50	250	60								

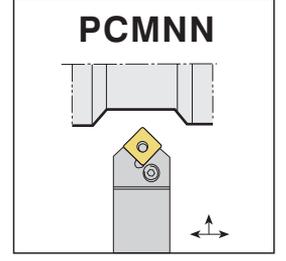
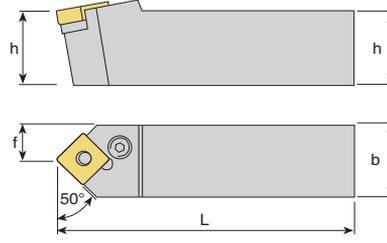
R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item

Sipariş Örneği/Ordering Example : 1 ad./pcs. PCBNR 2020 K12C

P-SİSTEM DIŞ TORNA KATERLERİ

P-SYSTEM EXTERNAL TURNING TOOLHOLDERS

50 °



PCMNN

Takım Kodu
Ordering Code

Stok
Stock

Kater Ölçüleri (mm)
Dimension (mm)

Kesici Uç
Insert

Yedek Parçaları
Spare Parts

Levyeye
Lever

Levyeye Vidası
Lever Screw

Aitlik
Shim

Aitlik Yayı
Shim Spring

Baskı Parçası
Wedge Clamp

Baskı Vidası
Screw

Anahtar
Allen Key

h

b

L

f



PCMNN 2020 K 12C

○

20

20

125

10

CNM. 12 04..

APL-02

ALV-03-M8x19

AASN-3-0004

AAV-02

ACK-05

1515-M4x11

AAL-03-3

2525 M 12C

○

25

25

150

12.5

3232 P 12C

○

32

32

170

16

2525 M 16C

○

25

25

150

12.5

3232 P 16C

○

32

32

170

16

3232 P 19C

●

32

32

170

16

4040 S 19C

○

40

40

250

20

5050 S 19C

○

50

50

250

25

CNM. 16 06..

APL-04

ALV-04-M8x22

AASN-3-0023

AAV-03

ACK-09

AAV-05-M6x15

AAL-05-4

CNM. 19 06..

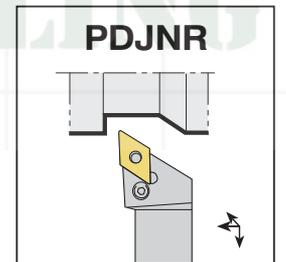
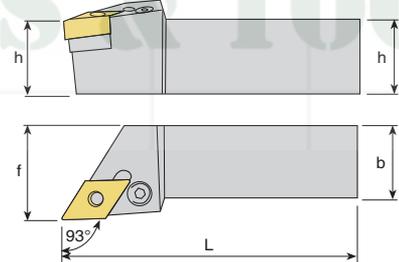
APL-05

ALV-05-M10x27

AASN-3-0005

AAV-04

93 °



PDJNR

Takım Kodu
Ordering Code

Stok
Stock

Kater Ölçüleri (mm)
Dimension (mm)

Kesici Uç
Insert

Yedek Parçaları
Spare Parts

Levyeye
Lever

Levyeye Vidası
Lever Screw

Aitlik
Shim

Aitlik Yayı
Shim Spring

Baskı Parçası
Wedge Clamp

Baskı Vidası
Screw

Anahtar
Allen Key

R

L

h

b

L

f



PDJNR/L 1616 H 11

●

●

16

16

100

20

DNM. 11 04..

APL-01

ALV-02-M6x17

AADN-SD317

AAV-01

-

-

AAL-02-2.5

2020 K 11

●

●

20

20

125

25

2525 M 11

●

●

25

25

150

32

2020 K 15C

●

●

20

20

125

25

2525 M 15C

●

●

25

25

150

32

3232 P 15C

●

●

32

32

170

40

DNM. 15 06..

APL-03

ALV-03-M8x19

AADN-3-0001

AAV-02

ACK-05

1515-M4x11

AAL-03-3

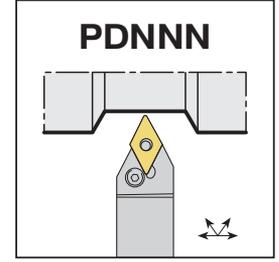
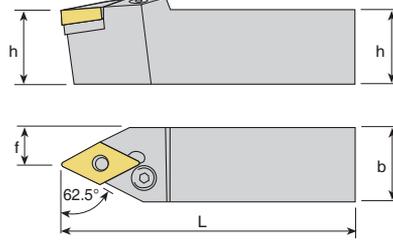
R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item

Sipariş Örneği/Ordering Example : 1 ad./pcs. PDJNR 1616 H11

P-SİSTEM DIŞ TORNA KATERLERİ

P-SYSTEM EXTERNAL TURNING TOOLHOLDERS

62.5 °



Takım Kodu
Ordering Code

Stok
Stock

Kater Ölçüleri (mm)
Dimension (mm)

Kesici Uç
Insert

Yedek Parçaları
Spare Parts

Levyeye
Lever

Levyeye Vidası
Lever Screw

Altılık
Shim

Altılık Yayı
Shim Spring

Baskı Parçası
Wedge Clamp

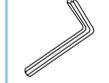
Baskı Vidası
Screw

Anahtar
Allen Key

PDNNN 1616 H 11
2020 K 11
2525 M 11
2020 K 15C
2525 M 15C
3232 P 15C

●
●
●
●
●
●

h b L f
16 16 100 8
20 20 125 10
25 25 150 12.5
20 20 125 10
25 25 150 12.5
32 32 170 16



DNM. 11 04..

APL-01

ALV-02-M6x17

AADN-SD317

AAV-01

-

-

AAL-02-2.5

DNM. 15 06..

APL-03

ALV-03-M8x19

AADN-3-0001

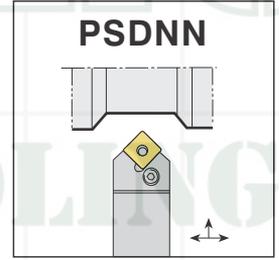
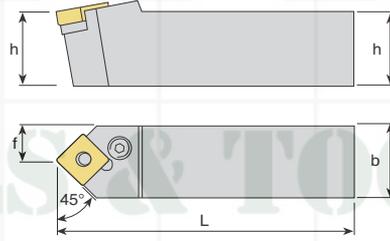
AAV-02

ACK-05

1515-M4x11

AAL-03-3

45 °



Takım Kodu
Ordering Code

Stok
Stock

Kater Ölçüleri (mm)
Dimension (mm)

Kesici Uç
Insert

Yedek Parçaları
Spare Parts

Levyeye
Lever

Levyeye Vidası
Lever Screw

Altılık
Shim

Altılık Yayı
Shim Spring

Baskı Parçası
Wedge Clamp

Baskı Vidası
Screw

Anahtar
Allen Key

PSDNN 1616 H 09
2020 K 12C
2525 M 12C
3232 P 12C
2020 K 15C
2525 M 15C
3232 P 19C
4040 S 19C
5050 S 19C
4040 S 25C
5050 S 25C

○
●
●
●
○
○
●
○
○
○
○

h b L f
16 16 100 8
20 20 125 10
25 25 150 12.5
32 32 170 16
20 20 125 10
25 25 150 12.5
32 32 170 16
40 40 250 20
50 50 250 25
40 40 250 20
50 50 250 25



SNM. 09 03..

07030909

07030910

07030901

07030911

-

-

AAL-02-2.5

SNM. 12 04..

APL-02

ALV-03-M8x19

AASN-3-0004

AAV-02

ACK-05

1515-M4x11

AAL-03-3

SNM. 15 06..

APL-04

ALV-04-M8x22

AASN-3-0023

AAV-03

-

-

-

SNM. 19 06..

APL-05

ALV-05-M10x27

AASN-3-0005

AAV-04

-

ACK-09

AAV-05-M6x15

AAL-05-4

SNM. 25 07..

APL-06

ALV-06-M12x36

AASN-3-0020

AAV-05

ACK-04

AKV-16-M6x16

AAL-07-5

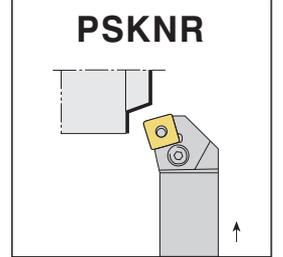
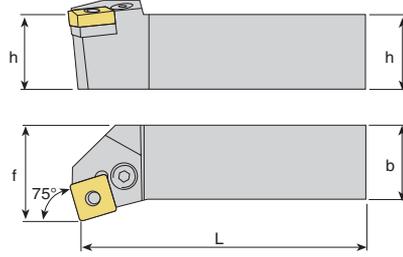
R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item

Sipariş Örneği/Ordering Example : 1 ad./pcs. PSDNN 1616 H09

P-SİSTEM DIŞ TORNA KATERLERİ

P-SYSTEM EXTERNAL TURNING TOOLHOLDERS

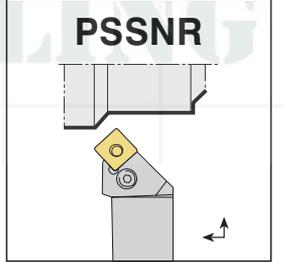
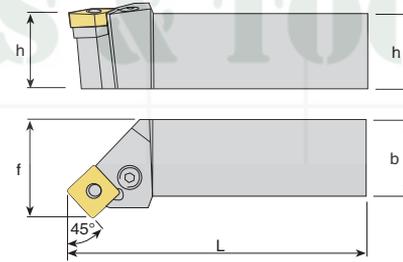
75 °



PSKNR

Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)				Kesici Uç Insert	Yedek Parçaları Spare Parts						
	R	L	h	b	L	f		Levye Lever	Levye Vidası Lever Screw	Aftlık Shim	Aftlık Yayı Shim Spring	Baskı Parçası Wedge Clamp	Baskı Vidası Screw	Anahtar Allen Key
	○	●	○	●	○	●		○	●	○	●	○	●	○
PSKNR/L2020 K 09	○	○	20	20	125	25	SNM. 09 03..	07030909	07030910	07030901	07030911	-	-	AAL-02-2.5
2020 K 12C	●	●	20	20	125	25	SNM. 12 04..	APL-02	ALV-03-M8x19	AASN-3-0004	AAY-02	ACK-05	1515-M4x11	AAL-03-3
2525 M 12C	●	●	25	25	150	32								
3232 P 12C	●	●	32	32	170	40	SNM. 15 06..	APL-04	ALV-04-M8x22	AASN-3-0023	AAY-03	ACK-09	AAV-05-M6x15	AAL-05-4
2525 M 15C	●	●	25	25	150	32								
3232 P 15C	○	○	32	32	170	40	SNM. 19 06..	APL-05	ALV-05-M10x27	AASN-3-0005	AAY-04	ACK-09	AAV-05-M6x15	AAL-05-4
3232 P 19C	○	○	32	32	170	40								
4040 S 19C	○	○	40	40	250	50	SNM. 25 07..	APL-06	ALV-06-M12x36	AASN-3-0020	AAY-05	ACK-04	AKV-16-M6x16	AAL-07-5
4040 S 25C	○	○	40	40	250	50								
5050 S 25C	○	○	50	50	250	60								

45 °



PSSNR

Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)				Kesici Uç Insert	Yedek Parçaları Spare Parts						
	R	L	h	b	L	f		Levye Lever	Levye Vidası Lever Screw	Aftlık Shim	Aftlık Yayı Shim Spring	Baskı Parçası Wedge Clamp	Baskı Vidası Screw	Anahtar Allen Key
	○	●	○	●	○	●		○	●	○	●	○	●	○
PSSNR/L1616 H 09	○	○	16	16	100	20	SNM. 09 03..	07030909	07030910	07030901	07030911	-	-	AAL-02-2.5
2020 K 09	○	○	20	20	125	25	SNM. 12 04..	APL-02	ALV-03-M8x19	AASN-3-0004	AAY-02	ACK-05	1515-M4x11	AAL-03-3
2020 K 12C	●	●	20	20	125	25								
2525 M 12C	●	●	25	25	150	32	SNM. 15 06..	APL-04	ALV-04-M8x22	AASN-3-0023	AAY-03	ACK-09	AAV-05-M6x15	AAL-05-4
3232 P 12C	●	●	32	32	170	40								
3232 P 15C	○	○	32	32	170	40	SNM. 19 06..	APL-05	ALV-05-M10x27	AASN-3-0005	AAY-04	ACK-09	AAV-05-M6x15	AAL-05-4
3232 P 19C	○	○	32	32	170	40								
4040 S 19C	○	○	40	40	250	50	SNM. 25 07..	APL-06	ALV-06-M12x36	AASN-3-0020	AAY-05	ACK-04	AKV-16-M6x16	AAL-07-5
4040 S 25C	○	○	40	40	250	50								

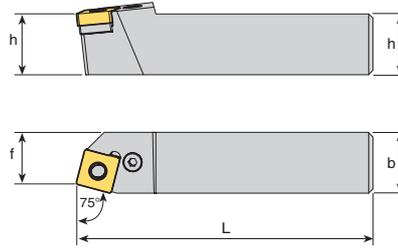
R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item

Sipariş Örneği/Ordering Example : 1 ad./pcs. PSSNR 1616 H09

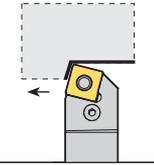
P-SİSTEM DIŞ TORNA KATERLERİ

P-SYSTEM EXTERNAL TURNING TOOLHOLDERS

75°

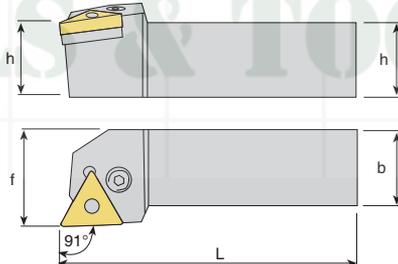


PSBNR

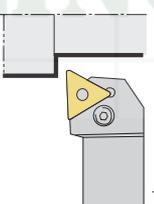


Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)				Kesici Uç Insert	Yedek Parçaları Spare Parts						
	R	L	h	b	L	f		Levye Lever	Levye Vidası Lever Screw	Altılık Shim	Altılık Yayı Shim Spring	Baskı Parçası Wedge Clamp	Baskı Vidası Screw	Anahtar Allen Key
PSBNR/L 1616 H 09	○	○	16	16	100	20	SNM. 09 03..	07030909	07030910	07030901	07030911	-	-	AAL-02-2.5
2020 K 09	○	○	20	20	125	25								
2020 K 12C	○	○	20	20	125	25	SNM. 12 04..	APL-02	ALV-03-M8x19	AASN-3-0004	AAY-02	ACK-05	1515-M4x11	AAL-03-3
2525 M 12C	●	●	25	25	150	32								
3232 P 12C	○	○	32	32	170	40	SNM. 15 06..	APL-04	ALV-04-M8x22	AASN-3-0023	AAY-03	ACK-09	AAV-05-M6x15	AAL-05-4
2525 M 15C	○	○	25	25	150	32								
3232 P 19C	○	○	32	32	170	40	SNM. 19 06..	APL-05	ALV-05-M10x27	AASN-3-0005	AAY-04	ACK-09	AAV-05-M6x15	AAL-05-4
4040 S 19C	●	●	40	40	250	50								
4040 S 25C	○	○	40	40	250	50	SNM. 25 07..	APL-06	ALV-06-M12x36	AASN-3-0020	AAY-05	ACK-04	AKV-16-M6x16	AAL-07-5
5050 S 25C	○	○	50	50	250	63								

91°



PTGNR



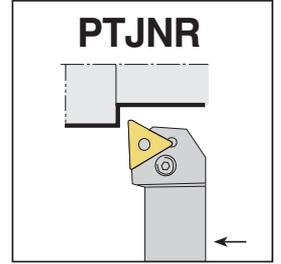
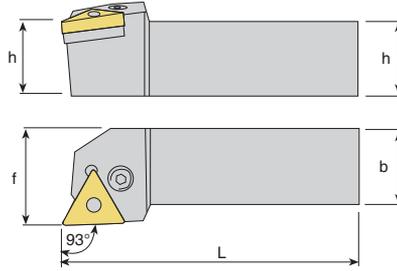
Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)				Kesici Uç Insert	Yedek Parçaları Spare Parts						
	R	L	h	b	L	f		Levye Lever	Levye Vidası Lever Screw	Altılık Shim	Altılık Yayı Shim Spring	Baskı Parçası Wedge Clamp	Baskı Vidası Screw	Anahtar Allen Key
PTGNR/L 1010 E 11	○	○	10	10	70	12	TNM. 11 03..	07041109	07041110	-	-	-	-	AAL-02-2.5
1212 F 11	○	○	12	12	80	16								
1616 H 11	○	○	16	16	100	20	TNM. 16 04..	APL-01	ALV-02-M6x17	AATN-3-0025	AAY-01	-	-	AAL-02-2.5
1616 H 16	●	●	16	16	100	20								
2020 K 16	●	●	20	20	125	25	TNM. 22 04..	APL-02	ALV-03-M8x19	AATN-3-0015	AAY-02	ACK-05	1515-M4x11	AAL-03-3
2525 M 16	●	●	25	25	150	32								
3232 P 16	○	○	32	32	170	40	TNM. 27 06..	07042709	07042710	07042701	07042711	-	-	AAL-05-4
2525 M 22C	●	●	25	25	150	32								
3232 P 22C	○	○	32	32	170	40								
4040 S 27	○	○	40	40	250	50								

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

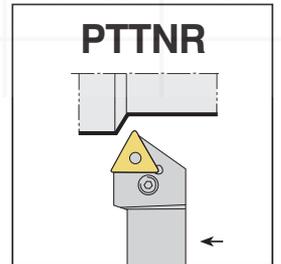
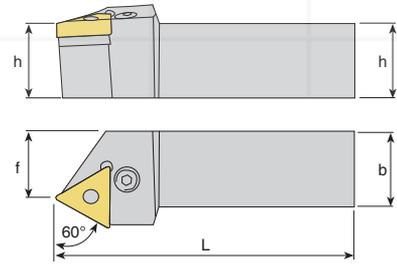
Sipariş Örneği/Ordering Example : 1 ad./pcs. PTGNR 1010 E 11

P-SİSTEM DIŞ TORNA KATERLERİ

P-SYSTEM EXTERNAL TURNING TOOLHOLDERS



Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)				Kesici Uç Insert	Yedek Parçaları Spare Parts						
	R	L	h	b	L	f		Levyeye	Levyeye Vidası	Altılık	Altılık Yayı	Baskı Parçası	Baskı Vidası	Anahtar
								Lever	Lever Screw	Shim	Shim Spring	Wedge Clamp	Screw	Allen Key
PTJNR/L 1010 E 11	○	○	10	10	70	12	TNM. 11 03..	07041109	07041110	-	-	-	-	-
1212 F 11	○	○	12	12	80	16								
1616 H 11	○	○	16	16	100	20	TNM. 16 04..	APL-01	ALV-02-M6x17	AATN-3-0025	AAY-01	-	-	AAL-02-2.5
1616 H 16	●	●	16	16	100	20								
2020 K 16	●	●	20	20	125	25								
2525 M16	●	●	25	25	150	32								
3232 P 16	●	●	32	32	170	40	TNM. 22 04..	APL-02	ALV-03-M8x19	AATN-3-0015	AAY-02	ACK-05	1515-M4x11	AAL-03-3
2525 M22C	●	●	25	25	150	32								
3232 P 22C	●	●	32	32	170	40	TNM. 27 06..	07042709	07042710	07042701	07042711	-	-	AAL-05-4
4040 S 27	○	○	40	40	250	50								



Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)				Kesici Uç Insert	Yedek Parçaları Spare Parts						
	R	L	h	b	L	f		Levyeye	Levyeye Vidası	Altılık	Altılık Yayı	Baskı Parçası	Baskı Vidası	Anahtar
								Lever	Lever Screw	Shim	Shim Spring	Wedge Clamp	Screw	Allen Key
PTTNR/L1616 H 16	●	●	16	16	100	13	TNM. 16 04..	APL-01	ALV-02-M6x17	AATN-3-0025	AAY-01	-	-	AAL-02-2.5
2020 K 16	●	●	20	20	125	17								
2525 M16	●	●	25	25	150	21.5								
3232 P 16	●	●	32	32	170	31								
2525 M22C	●	●	25	25	150	20.5	TNM. 22 04..	APL-02	ALV-03-M8x19	AATN-3-0015	AAY-02	ACK-05	1515-M4x11	AAL-03-3
3232 P 22C	●	●	32	32	170	29								

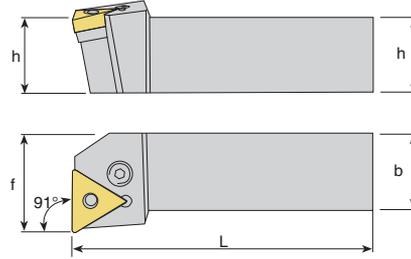
R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item

Sipariş Örneği/Ordering Example : 1 ad./pcs. PTTNR 1616 H16

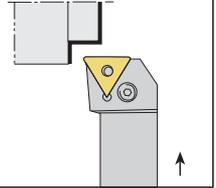
P-SİSTEM DIŞ TORNA KATERLERİ

P-SYSTEM EXTERNAL TURNING TOOLHOLDERS

91°

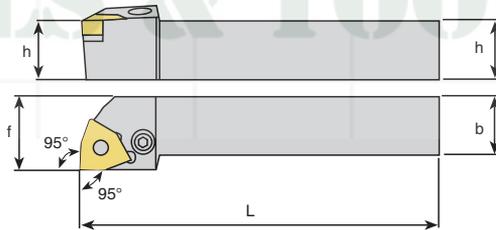


PTFNR

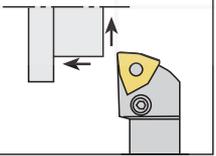


Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)				Kesici Uç Insert	Yedek Parçaları Spare Parts						
	R	L	h	b	L	f		Levyeye	Levyeye Vidası	Altılık	Altılık Yayı	Baskı Parçası	Baskı Vidası	Anahtar
								Lever	Lever Screw	Shim	Shim Spring	Wedge Clamp	Screw	Allen Key
PTFNR/L 1616 H 16	●	●	16	16	100	20	TNM. 16 04..	APL-01	ALV-02-M6x17	AATN-3-0025	AAY-01	-	-	AAL-02-2.5
2020 K 16	●	●	20	20	125	25								
2525 M16	●	●	25	25	150	32								
3232 P 16	●	●	32	32	170	40								
2525 M22C	●	●	25	25	150	32	TNM. 22 04..	APL-02	ALV-03-M8x19	AATN-3-0015	AAY-02	ACK-05	1515-M4x11	AAL-03-3
3232 P 22C	●	●	32	32	170	40								
4040 S 27	○	○	40	40	250	50								
							TNM. 27 06..	07042709	07042710	07042701	07042711	-	-	AAL-05-4

95°



PWLNR



Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)				Kesici Uç Insert	Yedek Parçaları Spare Parts						
	R	L	h	b	L	f		Levyeye	Levyeye Vidası	Altılık	Altılık Yayı	Baskı Parçası	Baskı Vidası	Anahtar
								Lever	Lever Screw	Shim	Shim Spring	Wedge Clamp	Screw	Allen Key
PWLNR/L 1616 H 06	○	○	16	16	100	20	WNM. 06 04..	APL-01	ALV-02-M6x17	AAWN-SW317	AAY-01	-	-	AAL-02-2.5
2020 K 06	○	○	20	20	125	25								
2525 M06	○	○	25	25	150	32								
3232 P 06	○	○	32	32	170	40								
1616 H 08	●	●	16	16	100	20	WNM. 08 04..	APL-02	ALV-03-M8x19	AAWN-3-0001	AAY-02	ACK-05	1515-M4x11	AAL-03-3
2020 K 08C	●	●	20	20	125	25								
2525 M08C	●	●	25	25	150	32								
3232 P 08C	●	●	32	32	170	40								

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

Sipariş Örneği/Ordering Example : 1 ad./pcs. PWLNR 1616 H06



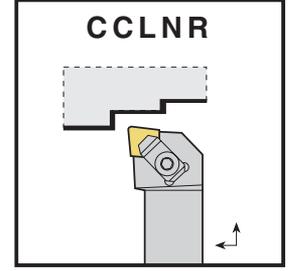
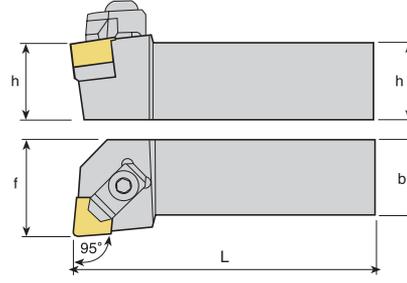
C SISTEM

C SISTEM DIŐ TORNA KATERLERI
C SYSTEM EXTERNAL TURNING TOOLHOLDERS

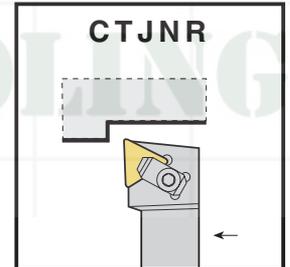
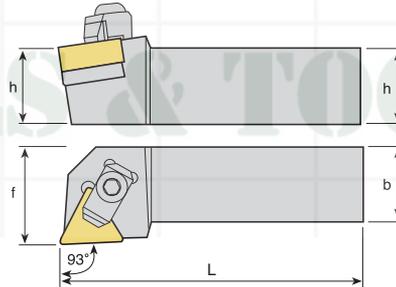


C-SİSTEM SERAMİK UÇLAR İÇİN DIŞ TORNA KATERLERİ

C-SYSTEM EXTERNAL TURNING TOOLHOLDERS FOR CERAMIC INSERTS



Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)				Kesici Uç Insert	Yedek Parçaları Spare Parts					
	R	L	h	b	L	f		Baskı Parçası Wedge Clamp	Baskı Vidası Screw	Altık Shim	Altık Vidası Shim Screw	Sekman Ring	Anahtar Allen Key
CCLNR/L 2525 M1207C 3232 P1207C	●	●	25	25	150	32	CN.N 1207..	ACK-13	AKV-11-M8x33	AACN-3-0001	AAV-02-M5x12	ACS-01	AAL-05-4
	●	●	32	32	170	40							



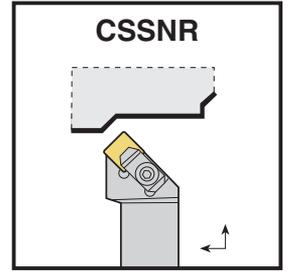
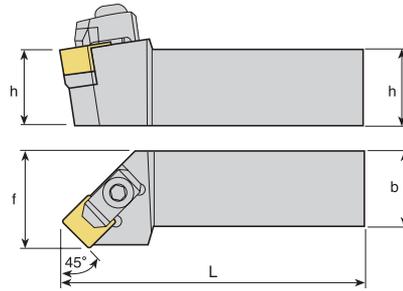
Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)				Kesici Uç Insert	Yedek Parçaları Spare Parts					
	R	L	h	b	L	f		Baskı Parçası Wedge Clamp	Baskı Vidası Screw	Altık Shim	Altık Vidası Shim Screw	Sekman Ring	Anahtar Allen Key
CTJNR/L 2525 M1607C 3232 P1607C	●	●	25	25	150	32	TN.N 1607..	ACK-14	AKV-11-M8x33	AATN-2-0002	AAV-03-M5x12	ACS-01	AAL-05-4
	○	○	32	32	170	40							

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

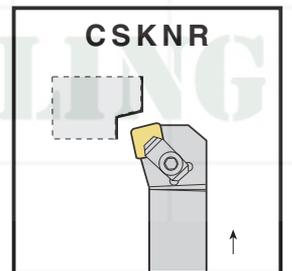
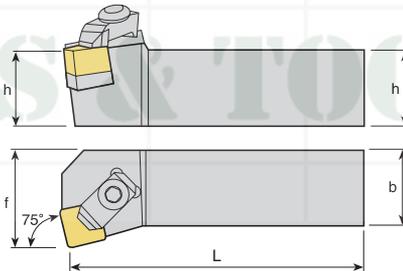
Sipariş Örneği/Ordering Example : 1 ad./pcs. CTJNR 2525 M1607C

C-SİSTEM SERAMİK UÇLAR İÇİN DIŞ TORNA KATERLERİ

C-SYSTEM EXTERNAL TURNING TOOLHOLDERS FOR CERAMIC INSERTS



Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)				Kesici Uç Insert	Yedek Parçaları Spare Parts					
	R	L	h	b	L	f		Baskı Parçası Wedge Clamp	Baskı Vidası Screw	Altılık Shim	Altılık Vidası Shim Screw	Sekman Ring	Anahtar Allen Key
CSSNR/L 2525 M1207C	●	●	25	25	150	32	SN.N 1207..	ACK-13	AKV-11-M8x33	AASN-3-0004	AAV-02-M5x12	ACS-01	AAL-05-4
3232 P1207C	●	●	32	32	170	40							



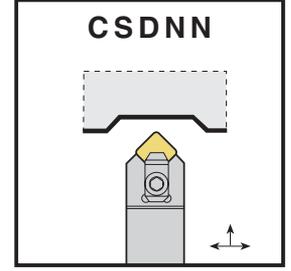
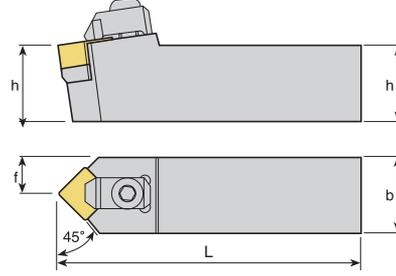
Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)				Kesici Uç Insert	Yedek Parçaları Spare Parts					
	R	L	h	b	L	f		Baskı Parçası Wedge Clamp	Baskı Vidası Screw	Altılık Shim	Altılık Vidası Shim Screw	Sekman Ring	Anahtar Allen Key
CSKNR/L 2525 M1207C	●	●	25	25	150	32	SN.N 1207..	ACK-13	AKV-11-M8x33	AASN-3-0004	AAV-02-M5x12	ACS-01	AAL-05-4
3232 P1207C	●	●	32	32	170	40							

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

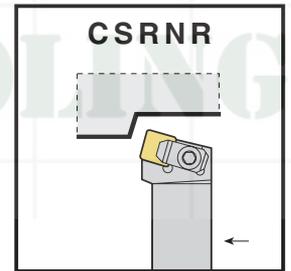
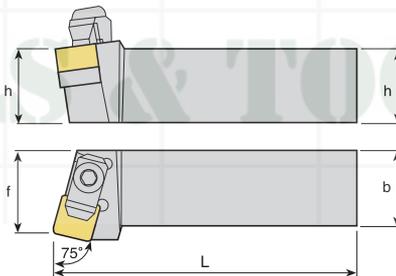
Sipariş Örneği/Ordering Example : 1 ad./pcs. CSKNR 2525 M1207C

C-SİSTEM SERAMİK UÇLAR İÇİN DİŞ TORNA KATERLERİ

C-SYSTEM EXTERNAL TURNING TOOLHOLDERS FOR CERAMIC INSERTS



Takım Kodu Ordering Code	Stok Stock	Kater Ölçüleri (mm) Dimension (mm)				Kesici Uç Insert	Yedek Parçaları Spare Parts					
		h	b	L	f		Baskı Parçası Wedge Clamp	Baskı Vidası Screw	Altık Shim	Altık Vidası Shim Screw	Sekman Ring	Anahtar Allen Key
CSDNN 2525 M1207C	●	25	25	150	12.5	SN.N 1207..	ACK-13	AKV-11-M8x33	AASN-3-0004	AAV-02-M5x12	ACS-01	AAL-05-4
3232 P1207C	●	32	32	170	16							



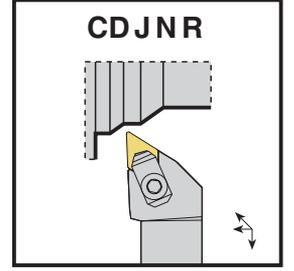
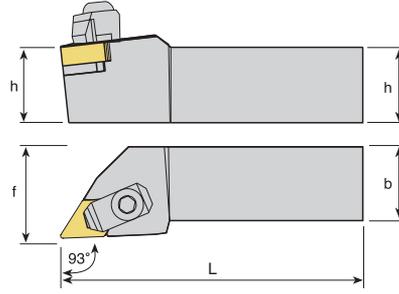
Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)				Kesici Uç Insert	Yedek Parçaları Spare Parts					
	R	L	h	b	L	f		Baskı Parçası Wedge Clamp	Baskı Vidası Screw	Altık Shim	Altık Vidası Shim Screw	Sekman Ring	Anahtar Allen Key
CSRNR/L 2525 M1207C	○	●	25	25	150	32	SN.N 1207..	ACK-13	AKV-11-M8x33	AASN-3-0004	AAV-02-M5x12	ACS-01	AAL-05-4
3232 P1207C	●	○	32	32	170	40							

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

Sipariş Örneği/Ordering Example : 1 ad./pcs. CSRNL 2525 M1207C

C-SİSTEM SERAMİK UÇLAR İÇİN DİŞ TORNA KATERLERİ

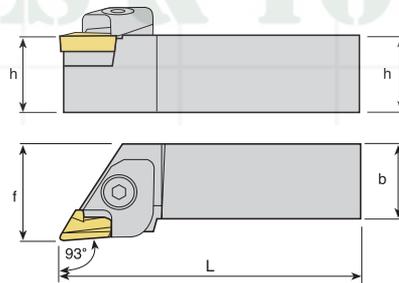
C-SYSTEM EXTERNAL TURNING TOOLHOLDERS FOR CERAMIC INSERTS



Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)				Kesici Uç Insert	Yedek Parçaları Spare Parts					
	R	L	h	b	L	f		Baskı Parçası Wedge Clamp	Baskı Vidası Screw	Altılık Shim	Altılık Vidası Shim Screw	Sekman Ring	Anahtar Allen Key
CDJNR/L 2525 M1507C	●	●	25	25	150	32	DN.N 1507..	ACK-13	AKV-11-M8x33	AADN-3-0001	AAV-02-M5x12	ACS-01	AAL-05-4
3232 P1507C	●	●	32	32	170	40							

C-SİSTEM DİŞ TORNA KATERLERİ

C-SYSTEM EXTERNAL TURNING TOOLHOLDERS



Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)				Kesici Uç Insert	Yedek Parçaları Spare Parts						
	R	L	h	b	L	f		Baskı Parçası Wedge Clamp	Baskı Vidası Screw	Altılık Shim	Altılık Vidası Shim Screw	Yay Spring	Pul Stamp	Anahtar Allen Key
CKJNR/L 2020 K 16	●	●	20	20	125	25	KNUX 16 04..	ACK-01-R ACK-02-L	AKV-06-M6x20	AKS-16-R AKS-16-L	AAV-01-M3x10	AKY-02	ABPL-01	AAL-05-4
2525 M16	●	●	25	25	150	32								
3232 P 16	●	●	32	32	170	40								
4040 S 16	●	○	40	40	250	50								

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

Sipariş Örneği/Ordering Example : 1 ad./pcs. CKJNR 2020 K16

INTERNAL TURNING TOOLHOLDERS

KESİCİ UÇ BAĞLAMA SİSTEMLERİ

CONNECTION SYSTEMS FOR CUTTING INSERTS



DELİK TORNA TAKIMLARI

INTERNAL TURNING TOOLHOLDERS

DELİK TORNA

S
1

25
2

S
3

P
4

C
5

L
6

N
7

R
8

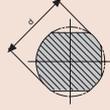
12
9

C
10

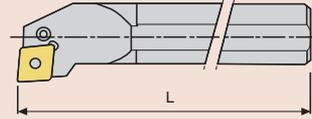
1 Takım Malzemesi / Type of Boring Bar

"A" Yekpare çelik gövde soğutma suyu kanallı / "A" Solid steel with coolant hole
 "E" Çelik başlıkla sert metal gövde ve soğutma suyu kanallı /
 "E" Carbide bar with fixed steel head and coolant hole
 "C" Karbür Şaft / "C" Carbide shank
 "S" Çelik Şaft / "S" Steel shank

2 Şaft Çapı / Shank Diameter

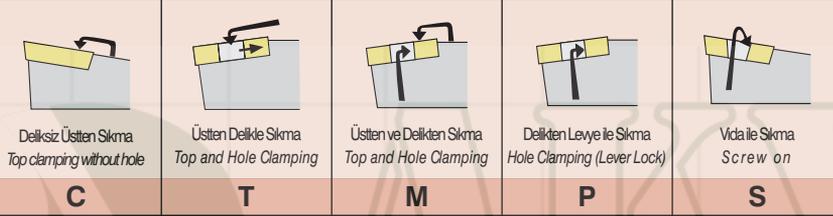


3 Şaft Boyu / Shank Length

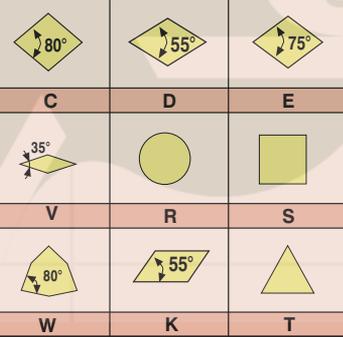


			(mm)
A-32	H-100	Q-180	x-special
B-40	J-110	R-200	
C-50	K-125	S-250	
D-60	L-140	T-300	
E-70	M-150	U-350	
F-80	N-160	V-400	
G-90	P-170	W-450	

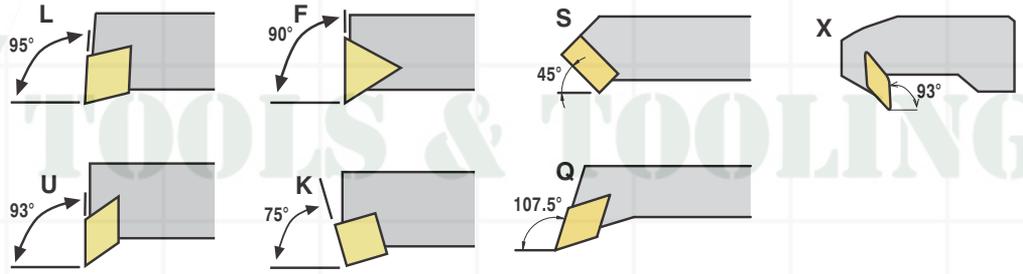
4 Sıkma Tipi / Method of Mounting of Insert



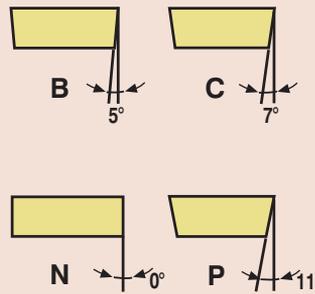
5 Uç Tipi / Insert Shape



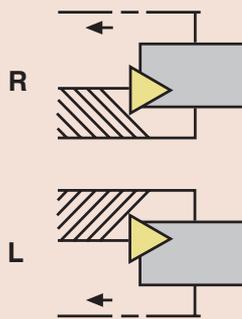
6 Yanaşma Açısı / Tool Holder Shape Bar Geometry



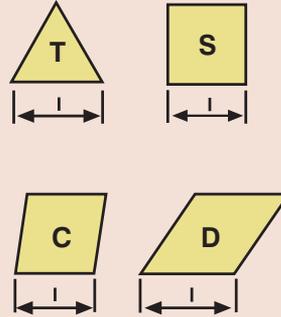
7 Serbest Uç Açısı / Insert Clearance Angle



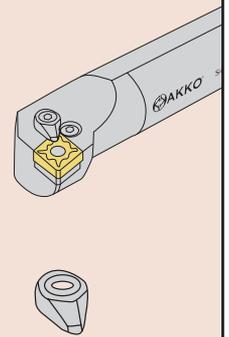
8 Kesme Yönü / Cutting Direction



9 Kesme Kenar Uzunluğu / Cutting Edge Length



9 Baskı Pabucu / Wedge Clamp





T&C SISTEM

T&C SISTEM DELİK TORNA KATERLERİ
T&C SYSTEM BORING BARS

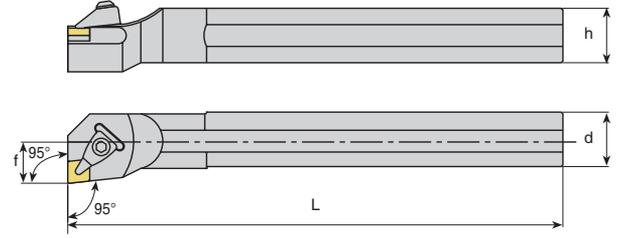
T&C SISTEM DELİK TORNA KATERLERİ
T&C SYSTEM BORING BARS

AKKO
TOOLS & TOOLING

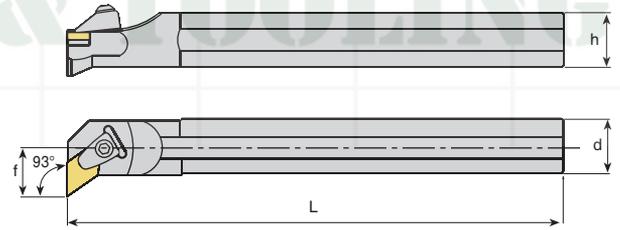


T-SİSTEM DELİK TORNA KATERLERİ

T-SYSTEM BORING BARS



Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)					Kesici Uç Insert	Yedek Parçaları Spare Parts						
	R	L	d	h	L	f	D min		Baskı Parçası Wedge Clamp	Baskı Vidası Screw	Altlık Shim	Altlık Vidası Shim Screw	Yay Spring	Pul Stamp	Anahtar Allen Key
S25S TCLNR/L 09	●	●	25	23	250	17	ø32	CNM. 09 03..	ATK-01	AKV-01-M5x20	AACN-2-0001	AAV-04-M5x12	-		
S25S TCLNR/L 12	●	●	25	23	250	17	ø32								
S32T TCLNR/L 12	●	●	32	30	300	22	ø40		ATK-02	AKV-02-M6x20	AACN-3-0001	AAV-02-M5x12	AKY-01	ABPL-01	AAL-03-3
S40U TCLNR/L 12	●	●	40	37	350	27	ø50								
S50V TCLNR/L 12	●	●	50	47	400	35	ø63								
S32T TCLNR/L 16	●	●	32	30	300	22	ø40	CNM. 16 06..	ATK-04	AKV-05-M6x25	AACN-3-0002	AAV-05-M6x15	-	-	AAL-05-4
S40U TCLNR/L 16	●	●	40	37	350	27	ø50								
S50V TCLNR/L 16	●	●	50	47	400	35	ø63								



Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)					Kesici Uç Insert	Yedek Parçaları Spare Parts						
	R	L	d	h	L	f	D min		Baskı Parçası Wedge Clamp	Baskı Vidası Screw	Altlık Shim	Altlık Vidası Shim Screw	Yay Spring	Pul Stamp	Anahtar Allen Key
S25S TDUNR/L 11	●	●	25	23	250	17	ø32	DNM. 11 04..	ATK-01	AKV-01-M5x20	AADN-2-0001	AAV-04-M5x12	-		
S32T TDUNR/L 11	●	●	32	30	300	22	ø40								
S25S TDUNR/L 15	●	●	25	23	250	17	ø32	DNM. 15 06..	ATK-02	AKV-02-M6x20	AADN-3-0001	AAV-02-M5x12	AKY-01	ABPL-01	AAL-03-3
S32T TDUNR/L 15	●	●	32	30	300	22	ø40								
S40U TDUNR/L 15	●	●	40	37	350	27	ø50								
S50V TDUNR/L 15	●	●	50	47	400	35	ø63								

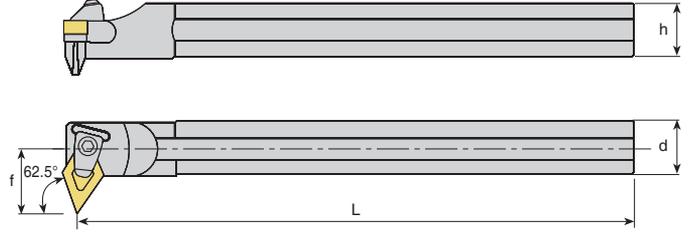
R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item

Sipariş Örneği/Ordering Example : 1 ad./pcs. S25S TDUNR 11

T-SİSTEM DELİK TORNA KATERLERİ

T-SYSTEM BORING BARS

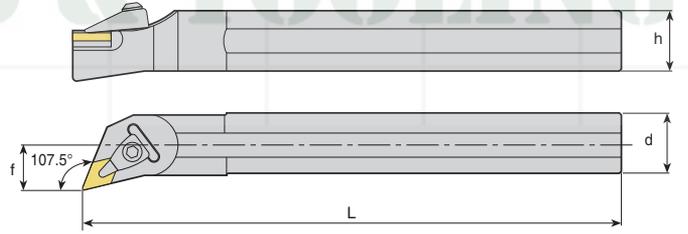
62.5°



Takım Kodu
Ordering Code

Stok Stock	Kater Ölçüleri (mm) Dimension (mm)						Kesici Uç Insert	Yedek Parçaları Spare Parts														
	R	L	d	h	L	f		D min	Baskı Parçası Wedge Clamp	Baskı Vidası Screw	Altlık Shim	Altlık Vidası Shim Screw	Yay Spring	Pul Stamp	Anahtar Allen Key							
●	●	32	30	300	26	344	DNM. 15 06..															
●	●	40	37	350	29	352										ATK-02	AKV-02-M6x20	AADN-3-0001	AAV-02-M5x12	AKY-01	ABPL-01	AAL-03-3
●	●	50	47	400	35	367																

107.5°



Takım Kodu
Ordering Code

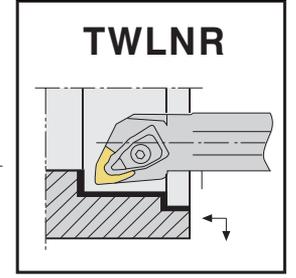
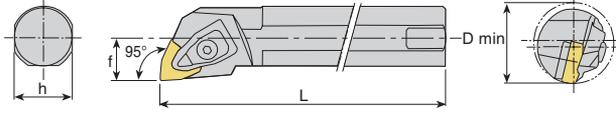
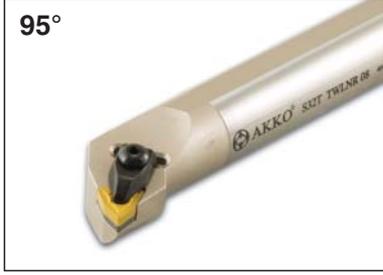
Stok Stock	Kater Ölçüleri (mm) Dimension (mm)						Kesici Uç Insert	Yedek Parçaları Spare Parts														
	R	L	d	h	L	f		D min	Baskı Parçası Wedge Clamp	Baskı Vidası Screw	Altlık Shim	Altlık Vidası Shim Screw	Yay Spring	Pul Stamp	Anahtar Allen Key							
●	●	25	23	250	17	332	DNM. 11 04..															
●	●	32	30	300	22	340										ATK-01	AKV-01-M5x20	AADN-2-0001	AAV-04-M5x12	-	ABPL-01	AAL-03-3
●	●	32	30	300	22	340	DNM. 15 06..															
●	●	40	37	350	27	350										ATK-02	AKV-02-M6x20	AADN-3-0001	AAV-02-M5x12	AKY-01		
●	●	50	47	400	35	363																

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

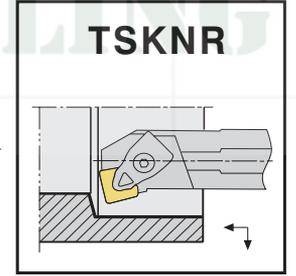
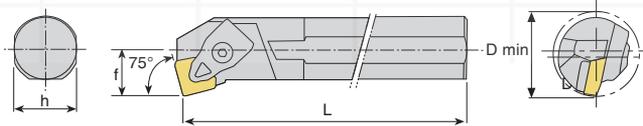
Sipariş Örneği/Ordering Example : 1 ad./pcs. S25S TDQNR 11

T-SİSTEM DELİK TORNA KATERLERİ

T-SYSTEM BORING BARS



Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)					Kesici Uç Insert	Yedek Parçaları Spare Parts						
	R	L	d	h	L	f	D min		Baskı Parçası Wedge Clamp	Baskı Vidası Screw	Altlık Shim	Altlık Vidası Shim Screw	Yay Spring	Pul Stamp	Anahtar Allen Key
S25S TWLNR/L 06	●	●	25	23	250	17	ø32	WNM. 06 04..	ATK-01	AKV-01-M5x20	AAWN-SW317	AAV-01-M3x10	-	ABPL-01	AAL-03-3
S32T TWLNR/L 06	●	●	32	30	300	22	ø40								
S25S TWLNR/L 08	●	●	25	23	250	17	ø32	WNM. 08 04..	ATK-02	AKV-02-M6x20	AAWN-3-0001	AAV-02-M5x12	AKY-01	ABPL-01	AAL-03-3
S32T TWLNR/L 08	●	●	32	30	300	22	ø40								
S40U TWLNR/L 08	●	●	40	37	350	27	ø50								
S50V TWLNR/L 08	●	●	50	47	400	35	ø63								



Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)					Kesici Uç Insert	Yedek Parçaları Spare Parts						
	R	L	d	h	L	f	D min		Baskı Parçası Wedge Clamp	Baskı Vidası Screw	Altlık Shim	Altlık Vidası Shim Screw	Yay Spring	Pul Stamp	Anahtar Allen Key
S25S TSKNR/L 12	●	●	25	23	250	17	ø32	SNM. 12 04..	ATK-02	AKV-02-M6x20	AASN-3-0004	AAV-02-M5x12	AKY-01	ABPL-01	AAL-03-3
S32T TSKNR/L 12	●	●	32	30	300	22	ø40								
S40U TSKNR/L 12	●	●	40	37	350	27	ø50								

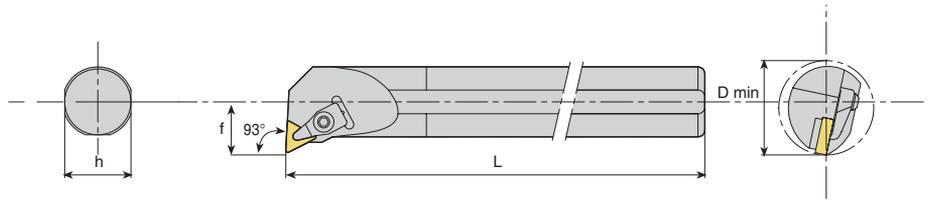
R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item

Sipariş Örneği/Ordering Example : 1 ad./pcs. S25S TSKNR 12

T-SİSTEM DELİK TORNA KATERLERİ

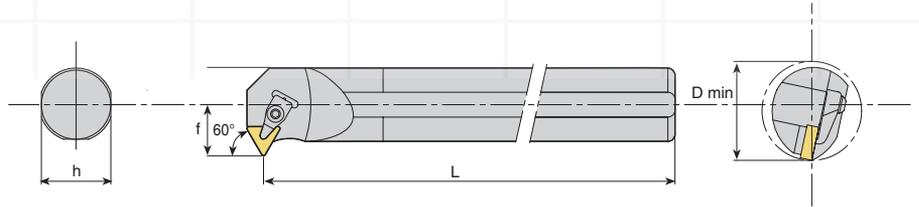
T-SYSTEM BORING BARS

93°



Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)				Kesici Uç Insert	Yedek Parçaları Spare Parts							
	R	L	d	h	L	f		D min	Baskı Parçası Wedge Clamp	Baskı Vidası Screw	Altık Shim	Altık Vidası Shim Screw	Yay Spring	Pul Stamp	Anahtar Allen Key
S25S TTUNR/L 16	●	●	25	23	250	17	32	TNM. 16 04..	ATK-01	AKV-01-M5x20	AATN-2-0002	AAV-03-M5x12	-	ABPL-01	AAL-03-3
S32T TTUNR/L 16	●	●	32	30	300	22	40								
S32T TTUNR/L 22	○	○	32	30	300	22	40	TNM. 22 04..	ATK-02	AKV-02-M6x20	AATN-3-0015	AAV-02-M5x12	AKY-01	ABPL-01	AAL-03-3
S40U TTUNR/L 22	●	●	40	37	350	27	50								
S50V TTUNR/L 22	●	●	50	47	400	35	63								

60°



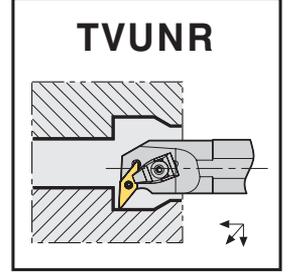
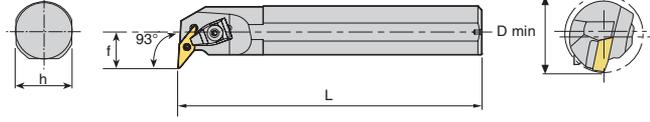
Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)				Kesici Uç Insert	Yedek Parçaları Spare Parts							
	R	L	d	h	L	f		D min	Baskı Parçası Wedge Clamp	Baskı Vidası Screw	Altık Shim	Altık Vidası Shim Screw	Yay Spring	Pul Stamp	Anahtar Allen Key
S25S TT-NR/L 16	●	●	25	23	250	17	32	TNM. 16 04..	ATK-01	AKV-01-M5x20	AATN-2-0002	AAV-03-M5x12	-	ABPL-01	AAL-03-3
S32T TT-NR/L 16	●	●	32	30	300	22	40								

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

Sipariş Örneği/Ordering Example : 1 ad./pcs. S25S TT-NR 16

T-SİSTEM DELİK TORNA KATERLERİ

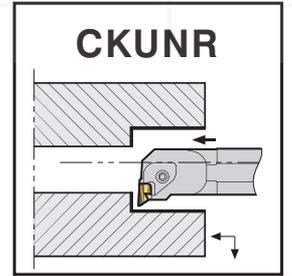
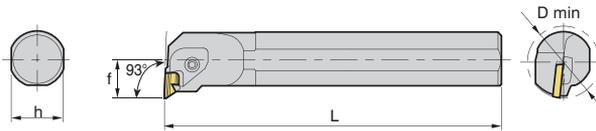
T-SYSTEM BORING BARS



Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)					Kesici Uç Insert	Yedek Parçaları Spare Parts						
	R	L	d	h	L	f	D min		Baskı Parçası Wedge Clamp	Baskı Vidası Screw	Altlık Shim	Altlık Vidası Shim Screw	Yay Spring	Pul Stamp	Anahtar Allen Key
S25S TVUNR/L 16	●	○	25	23	250	17	ø32	VNM. 16 04..	ATK-01	AKV-01-M5x20	AAVN-2-0002	AAV-04-M5x12	-	ABPL-01	AAL-03-3
S32T TVUNR/L 16	●	○	32	30	300	22	ø40								
S40U TVUNR/L 16	●	○	40	37	350	27	ø50								

C-SİSTEM DELİK TORNA KATERLERİ

C-SYSTEM BORING BARS



Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)					Kesici Uç Insert	Yedek Parçaları Spare Parts						
	R	L	d	h	L	f	D min		Baskı Parçası Wedge Clamp	Baskı Vidası Screw	Altlık Shim	Altlık Vidası Shim Screw	Yay Spring	Pul Stamp	Anahtar Allen Key
S25S CKUNR/L 16	●	●	25	23	250	19	ø34	KNUX 16 04..	ACK-01-R ACK-02-L	AKV-06-M6x20	AKS-16-R AKS-16-L	AAV-01-M3x10	AKY-02	ABPL-01	AAL-05-4
S32T CKUNR/L 16	●	●	32	30	300	22	ø40								
S40U CKUNR/L 16	●	●	40	37	350	27	ø50								
S50V CKUNR/L 16	●	●	50	47	400	35	ø63								

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

Sipariş Örneği/Ordering Example : 1 ad./pcs. S25S CKUNR 16



M SİSTEM

M SİSTEM DELİK TORNA KATERLERİ
M SYSTEM BORING BARS

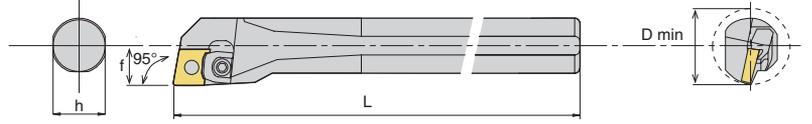
AKKO TOOLS & TOOLING



M-SİSTEM DELİK TORNA KATERLERİ

M-SYSTEM BORING BARS

95°



Yedek Parçaları
Spare Parts

Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)					Kesici Uç Insert	Yedek Parçaları Spare Parts					
	R	L	d	h	L	f	D min		Baskı Parçası Wedge Clamp	Baskı Vidası Screw	Altlık Shim	Pim Pin	Pul Stamp	Anahtar Allen Key
S20R MCLNR/L 12	●	●	20	18	200	13	≈25	CNM. 12 04..	AMK-03	AKV-04-M5x20	AACN-3-0001	APM-04	-	AAL-03-3
S25S MCLNR/L 12	●	●	25	23	250	17	≈32							
S32T MCLNR/L 12	○	○	32	30	300	22	≈40							

93°



Yedek Parçaları
Spare Parts

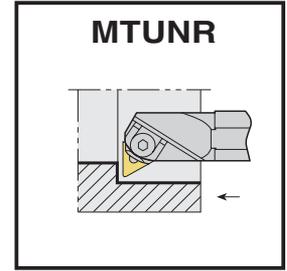
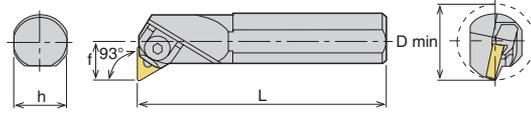
Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)					Kesici Uç Insert	Yedek Parçaları Spare Parts					
	R	L	d	h	L	f	D min		Baskı Parçası Wedge Clamp	Baskı Vidası Screw	Altlık Shim	Pim Pin	Pul Stamp	Anahtar Allen Key
S20R MDUNR/L 11	●	●	20	18	200	13	≈25	DNM. 11 04..	AMK-03	AKV-04-M5x20	-	APM-03	-	AAL-03-3
S25S MDUNR/L 11	○	○	25	23	250	17	≈32							
S32T MDUNR/L 11	○	○	32	30	300	22	≈40							
S25S MDUNR/L 15	●	●	25	23	250	17	≈32	DNM. 15 06..	AMK-04	AKV-02-M6x20	AADN-3-0001	APM-04	ABPL-01	AAL-03-3
S32T MDUNR/L 15	○	○	32	30	300	22	≈40							
S40U MDUNR/L 15	○	○	40	37	350	27	≈50							
S50V MDUNR/L 15	●	●	50	47	400	35	≈63							

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

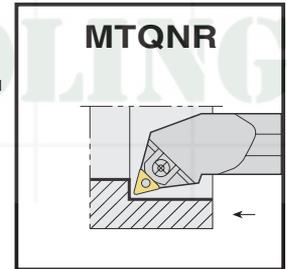
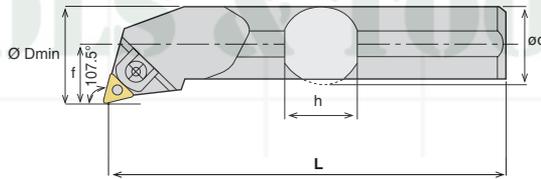
Sipariş Örneği/Ordering Example : 1 ad./pcs. S20R MDUNR 11

M-SİSTEM DELİK TORNA KATERLERİ

M-SYSTEM BORING BARS



Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)				Kesici Uç Insert	Yedek Parçaları Spare Parts							
	R	L	d	h	L	f		D min	Baskı Parçası Wedge Clamp	Baskı Vidası Screw	Altlık Shim	Pim Pin	Pul Stamp	Anahtar Allen Key	
S20R MTUNR/L 16	●	●	20	18	200	13	ø25	TNM. 16 04..	AMK-02	AKV-04-M5x20	-	APM-03	-		
S25S MTUNR/L 16	●	●	25	23	250	17	ø32				AATN-2-0002	APM-01			
S32T MTUNR/L 16	●	●	32	30	300	22	ø40								
S40U MTUNR/L 16	●	●	40	37	350	27	ø50								
S32T MTUNR/L 22	●	●	32	30	300	22	ø40	TNM. 22 04..	AMK-04	AKV-02-M6x20			ABPL-01	AAL-03-3	
S40U MTUNR/L 22	●	●	40	37	350	27	ø50					AATN-3-0015	APM-02		
S50V MTUNR/L 22	●	●	50	47	400	35	ø63								



Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)				Kesici Uç Insert	Yedek Parçaları Spare Parts							
	R	L	d	h	L	f		D min	Baskı Parçası Wedge Clamp	Baskı Vidası Screw	Altlık Shim	Pim Pin	Pul Stamp	Anahtar Allen Key	
S20R MTQNR/L 16	●	●	20	18	200	13	ø25	TNM. 16 04..	AMK-02	AKV-04-M5x20	-	APM-03	-		
S25S MTQNR/L 16	●	●	25	23	250	17	ø32				AATN-2-0002	APM-01			
S32T MTQNR/L 16	●	●	32	30	300	22	ø40								
S40U MTQNR/L 16	●	●	40	37	350	27	ø50								
S32T MTQNR/L 22	●	●	32	30	300	22	ø40	TNM. 22 04..	AMK-04	AKV-02-M6x20			ABPL-01	AAL-03-3	
S40U MTQNR/L 22	●	●	40	37	350	27	ø50					AATN-3-0015	APM-02		
S50V MTQNR/L 22	●	●	50	47	400	35	ø63								

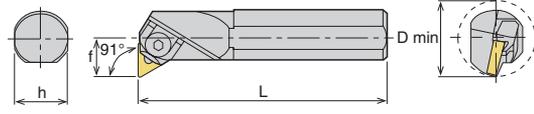
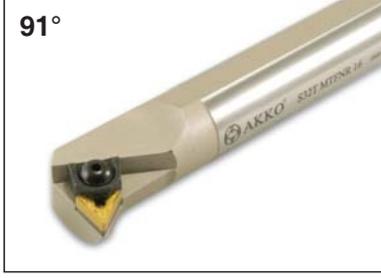
R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item

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

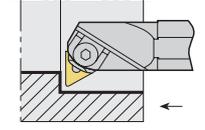
M-SİSTEM DELİK TORNA KATERLERİ

M-SYSTEM BORING BARS

91°

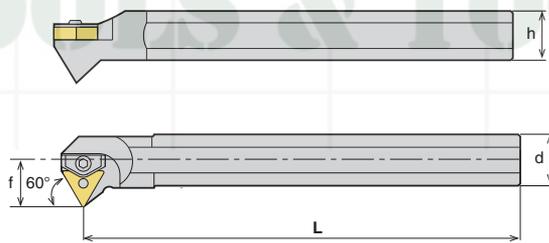


MTFNR

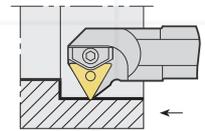


Takım Kodu Ordering Code	Stok Stock	Kater Ölçüleri (mm) Dimension (mm)						Kesici Uç Insert	Yedek Parçaları Spare Parts							
		R	L	d	h	L	f		D min	Baskı Parçası Wedge Clamp	Baskı Vidası Screw	Altlık Shim	Pim Pin	Pul Stamp	Anahtar Allen Key	
S20R MTFNR/L 16	● ○	20	18	200	13	±25	TNM. 16 04..			AMK-02	AKV-04-M5x20	-	APM-03	-		
S25S MTFNR/L 16	● ●	25	23	250	17	±32						AATN-2-0002	APM-01	ABPL-01		AAL-03-3
S32T MTFNR/L 16	● ●	32	30	300	22	±40						AATN-3-0015	APM-02			
S40U MTFNR/L 16	○ ○	40	37	350	27	±50										
S32T MTFNR/L 22	○ ○	32	30	300	22	±40	TNM. 22 04..		AMK-04	AKV-02-M6x20	AATN-2-0002	APM-01	ABPL-01	AAL-03-3		
S40U MTFNR/L 22	○ ○	40	37	350	27	±50					AATN-3-0015	APM-02				
S50V MTFNR/L 22	○ ○	50	47	400	35	±63										

60°



MT-NR



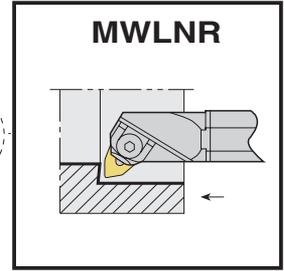
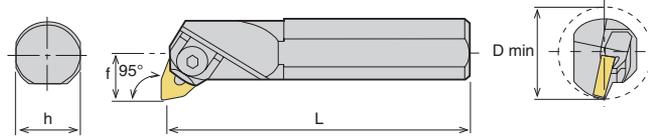
Takım Kodu Ordering Code	Stok Stock	Kater Ölçüleri (mm) Dimension (mm)						Kesici Uç Insert	Yedek Parçaları Spare Parts							
		R	L	d	h	L	f		D min	Baskı Parçası Wedge Clamp	Baskı Vidası Screw	Altlık Shim	Pim Pin	Pul Stamp	Anahtar Allen Key	
S20R MT-NR/L 16	● ●	20	18	200	13	±25	TNM. 16 04..			AMK-02	AKV-04-M5x20	-	APM-03	-		
S25S MT-NR/L 16	● ●	25	23	250	17	±32						AATN-2-0002	APM-01	ABPL-01		AAL-03-3
S32T MT-NR/L 16	● ●	32	30	300	22	±40						AATN-3-0015	APM-02			
S40U MT-NR/L 16	● ●	40	37	350	27	±50										
S40U MT-NR/L 22	● ●	40	37	350	27	±50	TNM. 22 04..		AMK-04	AKV-02-M6x20	AATN-2-0002	APM-01	ABPL-01	AAL-03-3		
										AATN-3-0015	APM-02					

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

Sipariş Örneği/Ordering Example : 1 ad./pcs. S20R MT-NR 16

M-SİSTEM DELİK TORNA KATERLERİ

M-SYSTEM BORING BARS



Takım Kodu Ordering Code	Stok Stock	Kater Ölçüleri (mm) Dimension (mm)						Kesici Uç Insert	Yedek Parçaları Spare Parts						
		R	L	d	h	L	f		D min	Baskı Parçası Wedge Clamp	Baskı Vidası Screw	Altılık Shim	Pim Pin	Pul Stamp	Anahtar Allen Key
S16P MWLNR/L 06	●●			16	15	170	11	∅21	WNM. 06 04..	AMK-01	AKV-17-M5x18	-	APM-03	-	AAL-03-3
S20R MWLNR/L 06	●●			20	18	200	13	∅25			AKV-04-M5x20				
S25S MWLNR/L 06	●●			25	23	250	17	∅32	WNM. 08 04..	AMK-05	AKV-03-M6x20	AAWN-3-0001	APM-02	ABPL-01	
S25S MWLNR/L 08	●●			25	23	250	17	∅32							
S32T MWLNR/L 08	●●			32	30	300	22	∅40							
S40U MWLNR/L 08	●●			40	37	350	27	∅50							

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

Sipariş Örneği/Ordering Example : 1 ad./pcs. S16P MWLNR 06

TOOLS & TOOLING

Konuşulan Kalite

The Spoken Quality



 **AKKO**[®]



S SISTEM

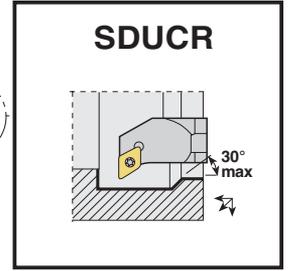
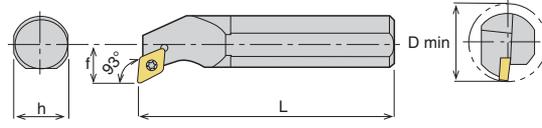
S SISTEM DELIK TORNA KATERLERİ
S SYSTEM BORING BARS

AKKO
TOOLS & TOOLING



S-SİSTEM DELİK TORNA KATERLERİ

S-SYSTEM BORING BARS



Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)					Kesici Uç Insert	Yedek Parçaları Spare Parts								
	R	L	d	h	L	f	D min		Sıkma Vidası Clamp Screw	Altık Shim	Altık Vidası Shim Screw	Tork Anahtar Torx Key					
S10K SDUCR/L 07	●	●	10	09	125	07	φ13	DCM. 07 02..	1008-M2.5X7	-	-	80-T08					
S12K SDUCR/L 07	●	●	12	11	125	09	φ16										
S16P SDUCR/L 07	●	●	16	15	170	11	φ21										
S20R SDUCR/L 07	●	●	20	18	200	13	φ25										
A10H SDUCR/L 07	●	●	10	09	100	07	φ13										
A12H SDUCR/L 07	●	●	12	11	100	09	φ16										
A16M SDUCR/L 07	●	●	16	15	150	11	φ21										
A20P SDUCR/L 07	●	●	20	18	170	13	φ25										
S16P SDUCR/L 11	●	●	16	15	170	11	φ21						DCM. 11 T3..	1015-M3.5X9	-	-	80-T15
S20R SDUCR/L 11	●	●	20	18	200	13	φ25										
S25S SDUCR/L 11	●	●	25	23	250	17	φ32										
S32T SDUCR/L 11	●	●	32	30	300	22	φ40										
S40U SDUCR/L 11	●	●	40	37	350	27	φ50										
A16M SDUCR/L 11	●	●	16	15	150	11	φ21										
A20P SDUCR/L 11	●	●	20	18	170	13	φ25										
A25R SDUCR/L 11	●	●	25	23	200	17	φ32										
A32S SDUCR/L 11	●	●	32	30	250	22	φ40										

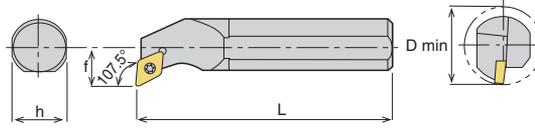
R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item

Sipariş Örneği/Ordering Example : 1 ad./pcs. S10K SDUCR 07

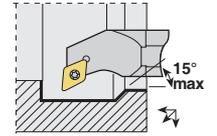
S-SİSTEM DELİK TORNA KATERLERİ

S-SYSTEM BORING BARS

107.5 °



SDQCR



Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)					Kesici Uç Insert	Yedek Parçaları Spare Parts			
	R	L	d	h	L	f	D min		Sıkma Vidası Clamp Screw	Arlık Shim	Arlık Vidası Shim Screw	Tork Anahtar Torx Key
S10K SDQCR/L 07	●	●	10	09	125	07	313	DCM. 07 02..	1008-M2.5x7	-	-	80-T08
S12K SDQCR/L 07	●	●	12	11	125	09	316					
S16P SDQCR/L 07	●	●	16	15	170	11	321					
S20R SDQCR/L 07	●	●	20	18	200	13	325					
A10H SDQCR/L 07	●	●	10	09	100	07	313					
A12H SDQCR/L 07	●	●	12	11	100	09	316					
A16M SDQCR/L 07	●	●	16	15	150	11	321					
A20P SDQCR/L 07	●	●	20	18	170	13	325					
S16P SDQCR/L 11	●	●	16	15	170	11	321	DCM. 11 T3..	1015-M3.5x9	-	-	80-T15
S20R SDQCR/L 11	●	●	20	18	200	13	325					
S25S SDQCR/L 11	●	●	25	23	250	17	332					
S32T SDQCR/L 11	●	●	32	30	300	22	340					
S40U SDQCR/L 11	○	○	40	37	350	27	350					
A16M SDQCR/L 11	●	●	16	15	150	11	321					
A20P SDQCR/L 11	●	●	20	18	170	13	325					
A25R SDQCR/L 11	●	●	25	23	200	17	332	1015-M3.5X14	AADN-2-0001	AAV-06-M3.5x11		
A32S SDQCR/L 11	●	●	32	30	250	22	340					

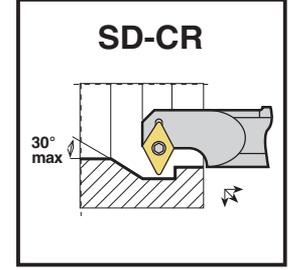
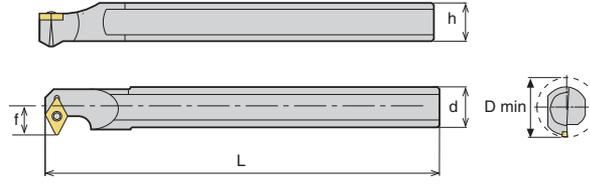
R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item

Sipariş Örneği/Ordering Example : 1 ad./pcs. S10K SDQCR 07

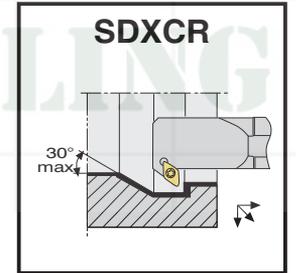
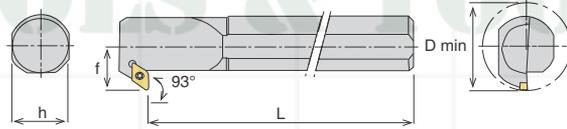


S-SİSTEM DELİK TORNA KATERLERİ

S-SYSTEM BORING BARS



Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)					Kesici Uç Insert	Yedek Parçaları Spare Parts			
	R	L	d	h	L	f	D min		Sıkma Vidası Clamp Screw	Altık Shim	Altık Vidası Shim Screw	Tork Anahtar Torx Key
S12K SD-CR/L 07	●	●	12	11	125	09	φ17	DCM. 07 02..	1008-M2.5x7	-	-	80-T08
S16P SD-CR/L 07	○	○	16	15	170	11	φ21					
S20R SD-CR/L 07	○	○	20	18	200	13	φ25					
S16P SD-CR/L 11	●	●	16	15	170	11	φ21	DCM. 11 T3..	1015-M3.5x9	-	-	80-T15
S20R SD-CR/L 11	●	●	20	18	200	13	φ25					
S25S SD-CR/L 11	●	●	25	23	250	17	φ32					
S32T SD-CR/L 11	●	●	32	30	300	22	φ40					
S40U SD-CR/L 11	●	●	40	37	350	27	φ50					



Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)					Kesici Uç Insert	Yedek Parçaları Spare Parts			
	R	L	d	h	L	f	D min		Sıkma Vidası Clamp Screw	Altık Shim	Altık Vidası Shim Screw	Tork Anahtar Torx Key
S12K SDXCR/L 07	●	●	12	11	125	09	φ17	DCM. 07 02..	1008-M2.5x7	-	-	80-T08
S16P SDXCR/L 07	●	●	16	15	170	11	φ21					
S20R SDXCR/L 07	○	○	20	18	200	13	φ25					
S16P SDXCR/L 11	○	○	16	15	170	11	φ21	DCM. 11 T3..	1015-M3.5x9	-	-	80-T15
S20R SDXCR/L 11	●	●	20	18	200	13	φ25					
S25S SDXCR/L 11	●	●	25	23	250	17	φ32					
S32T SDXCR/L 11	●	●	32	30	300	22	φ40					
S40U SDXCR/L 11	●	●	40	37	350	27	φ50					

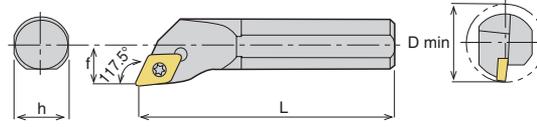
R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item

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

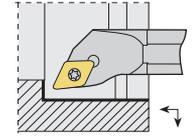
S-SİSTEM DELİK TORNA KATERLERİ

S-SYSTEM BORING BARS

117.5 °

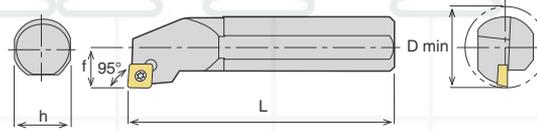


SDPCR

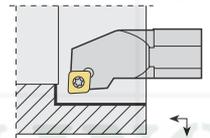


Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)				Kesici Uç Insert	Yedek Parçaları Spare Parts				
	R	L	d	h	L	f		D min	Sıkma Vidası Clamp Screw	Altık Shim	Altık Vidası Shim Screw	Tork Anahtar Torx Key
S10K SDPCR/L 07	●	●	10	09	125	07	ø13	DCM. 07 02..	1008-M2.5x7	-	-	80-T08
S12K SDPCR/L 07	●	●	12	11	125	09	ø16					
S16P SDPCR/L 11	●	●	16	15	170	11	ø21	DCM. 11 T3..	1015-M3.5x9	-	-	80-T15
S20R SDPCR/L 11	●	●	20	18	200	13	ø25					
S25S SDPCR/L 11	●	●	25	23	250	17	ø32		1015-M3.5X14	AADN-2-0001	AAV-06-M3.5x11	

95 °



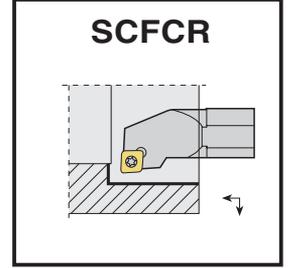
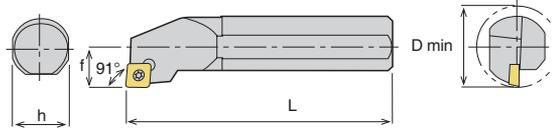
SCLCR



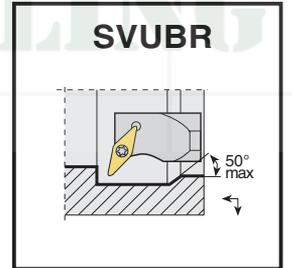
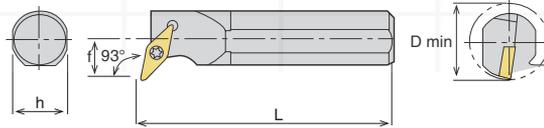
Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)				Kesici Uç Insert	Yedek Parçaları Spare Parts				
	R	L	d	h	L	f		D min	Sıkma Vidası Clamp Screw	Altık Shim	Altık Vidası Shim Screw	Tork Anahtar Torx Key
S0608H SCLCR/L 06	●	●	06	07	100	4,5	ø8	CCM. 06 02..	1008-M2.5x5			80-T08
S08H SCLCR/L 06	●	●	08	07	100	06	ø11					
S10K SCLCR/L 06	●	●	10	09	125	07	ø13					
S12K SCLCR/L 06	●	●	12	11	125	09	ø16					
A08H SCLCR/L 06	●	●	08	07	100	06	ø11		1008-M2.5x5	-	-	
A10H SCLCR/L 06	●	●	10	09	100	07	ø13		1008-M2.5x7			
A12H SCLCR/L 06	●	●	12	11	100	09	ø16					
S12K SCLCR/L 09	●	●	12	11	125	09	ø16	CCM. 09 T3..	1015-M3.5x9	-	-	80-T15
S16P SCLCR/L 09	●	●	16	15	170	11	ø21					
S20R SCLCR/L 09	●	●	20	19	200	13	ø25					
S25S SCLCR/L 09	●	●	25	23	250	17	ø32		1015-M3.5X14	AACN-2-0001	AAV-06-M3.5x11	
S32T SCLCR/L 09	○	○	32	30	300	22	ø40					
A16M SCLCR/L 09	●	●	16	15	150	11	ø21		1015-M3.5x9	-	-	
A20P SCLCR/L 09	●	●	20	19	170	13	ø25					
A25R SCLCR/L 09	●	●	25	23	200	17	ø32		1015-M3.5X14	AACN-2-0001	AAV-06-M3.5x11	
A32S SCLCR/L 09	●	●	32	30	250	22	ø40					
S25S SCLCR/L 12	●	●	25	23	250	17	ø32	CCM. 12 04..				80-T20
S32T SCLCR/L 12	●	●	32	30	300	22	ø40		1020-M4.5x16	AACN-2-0003	AAV-07-M4.5x11	
S40U SCLCR/L 12	○	○	40	37	350	27	ø50					
A25R SCLCR/L 12	●	●	25	23	200	17	ø32					

S-SİSTEM DELİK TORNA KATERLERİ

S-SYSTEM BORING BARS



Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)					Kesici Uç Insert	Yedek Parçaları Spare Parts			
	R	L	d	h	L	f	D min		Sıkma Vidası Clamp Screw	Altık Shim	Altık Vidası Shim Screw	Tork Anahtar Torx Key
S08H SCFCR/L 06	●	●	08	07	100	06	φ11	CCM. 06 02..	1008-M2.5x5			80-T08
S10K SCFCR/L 06	●	●	10	09	125	07	φ13		1008-M2.5x7	-	-	
S12K SCFCR/L 06	●	●	12	11	125	09	φ16					
S16P SCFCR/L 09	●	●	16	15	170	11	φ21	CCM. 09 T3..	1015-M3.5x9	-	-	80-T15
S20R SCFCR/L 09	●	●	20	19	200	13	φ25		1015-M3.5x14	AACN-2-0001	AAV-06-M3.5x11	
S25S SCFCR/L 09	●	●	25	23	250	17	φ32					
S25S SCFCR/L 12	○	○	25	23	250	17	φ32	CCM. 12 04..	1020-M4.5x16	AACN-2-0003	AAV-07-M4.5x11	80-T20
S32T SCFCR/L 12	○	○	32	30	300	22	φ40					
S40U SCFCR/L 12	○	○	40	37	350	27	φ50					



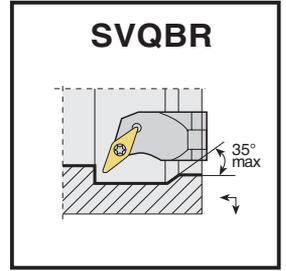
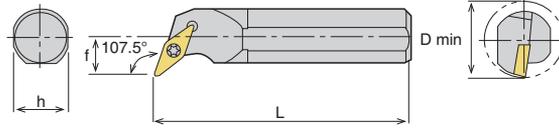
Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)					Kesici Uç Insert	Yedek Parçaları Spare Parts			
	R	L	d	h	L	f	D min		Sıkma Vidası Clamp Screw	Altık Shim	Altık Vidası Shim Screw	Tork Anahtar Torx Key
S16P SVUBR/L 11	●	●	16	15	170	11	φ21	VBM. 11 03..	1008-M2.5x7	-	-	80-T08
S20R SVUBR/L 11	●	●	20	18	200	13	φ25					
S25S SVUBR/L 16	●	●	25	23	250	17	φ32	VBM. 16 04..	1015-M3.5x14	AAVN-2-0002	AAV-06-M3.5x11	80-T15
S32T SVUBR/L 16	●	●	32	30	300	22	φ40					
S40U SVUBR/L 16	●	●	40	37	350	27	φ50					

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

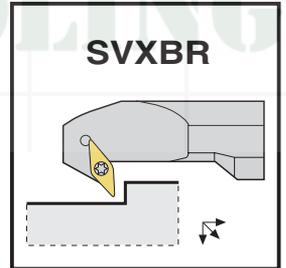
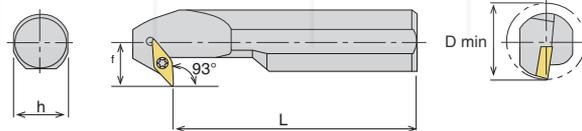
Sipariş Örneği/Ordering Example : 1 ad./pcs. S16P SVUBR 11

S-SİSTEM DELİK TORNA KATERLERİ

S-SYSTEM BORING BARS



Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)				Kesici Uç Insert	Yedek Parçaları Spare Parts				
	R	L	d	h	L	f		D min	Sıkma Vidası Clamp Screw	Altlık Shim	Altlık Vidası Shim Screw	Tork Anahtar Torx Key
S16P SVQBR/L 11	●	●	16	15	170	11	∅21	VBM. 11 03..	1008-M2.5x7	-	-	80-T08
S20R SVQBR/L 11	●	●	20	18	200	13	∅25					
S25S SVQBR/L 16	●	●	25	23	250	17	∅32	VBM. 16 04..	1015-M3.5X14	AAVN-2-0002	AAV-06-M3.5x11	80-T15
S32T SVQBR/L 16	●	●	32	30	300	22	∅40					
S40U SVQBR/L 16	●	●	40	37	350	27	∅50					



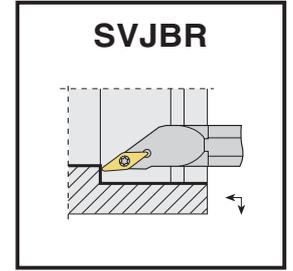
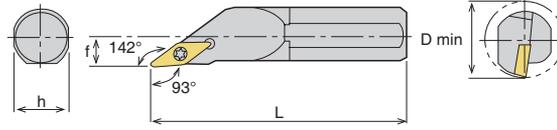
Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)				Kesici Uç Insert	Yedek Parçaları Spare Parts				
	R	L	d	h	L	f		D min	Sıkma Vidası Clamp Screw	Altlık Shim	Altlık Vidası Shim Screw	Tork Anahtar Torx Key
S16P SVXBR/L 11	○	○	16	15	170	11	∅21	VBM. 11 03..	1008-M2.5x7	-	-	80-T08
S20R SVXBR/L 11	○	○	20	18	200	13	∅25					
S25S SVXBR/L 16	●	●	25	23	250	17	∅32	VBM. 16 04..	1015-M3.5X14	AAVN-2-0002	AAV-06-M3.5x11	80-T15
S32T SVXBR/L 16	●	●	32	30	300	22	∅40					
S40U SVXBR/L 16	●	●	40	37	350	27	∅50					

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

Sipariş Örneği/Ordering Example : 1 ad./pcs. S16P SVXBR 11

S-SİSTEM DELİK TORNA KATERLERİ

S-SYSTEM BORING BARS



Takım Kodu
Ordering Code

Stok
Stock

Kater Ölçüleri (mm)
Dimension (mm)

Kesici Uç
Insert

Yedek Parçaları
Spare Parts

Sıkma Vidası
Clamp Screw

Aitlik
Shim

Aitlik Vidası
Shim Screw

Tork Anahtar
Torx Key

R L

d

h

L

f

D min



S25S SVJBR/L 16

● ●

25

23

250

17

32

VBM. 16 04..

1015-M3.5X14

AAVN-2-0002

AAV-06-M3.5x11

80-T15

S32T SVJBR/L 16

● ●

32

30

300

22

40

S40U SVJBR/L 16

● ●

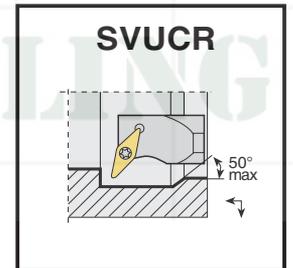
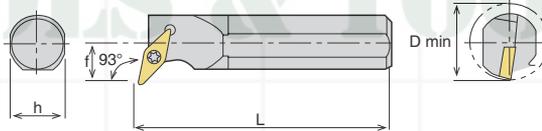
40

37

350

27

50



Takım Kodu
Ordering Code

Stok
Stock

Kater Ölçüleri (mm)
Dimension (mm)

Kesici Uç
Insert

Yedek Parçaları
Spare Parts

Sıkma Vidası
Clamp Screw

Aitlik
Shim

Aitlik Vidası
Shim Screw

Tork Anahtar
Torx Key

R L

d

h

L

f

D min



S16P SVUCR/L 11

● ●

16

15

170

11

21

VCM. 11 03..

1008-M2.5x7

-

-

80-T08

S20R SVUCR/L 11

● ●

20

18

200

13

25

S25S SVUCR/L 16

● ●

25

23

250

17

32

S32T SVUCR/L 16

● ●

32

30

300

22

40

S40U SVUCR/L 16

● ●

40

37

350

27

50

VCM. 16 04..

1015-M3.5X14

AAVN-2-0002

AAV-06-M3.5x11

80-T15

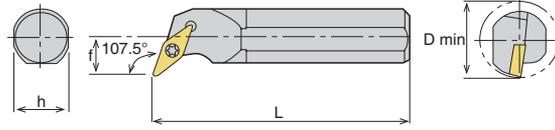
R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item

Sipariş Örneği/Ordering Example : 1 ad./pcs. S16P SVUCR 11

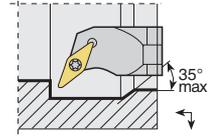
S-SİSTEM DELİK TORNA KATERLERİ

S-SYSTEM BORING BARS

107.5°

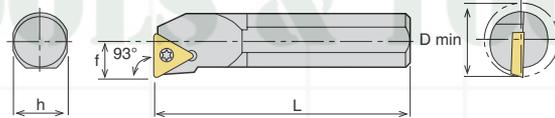


SVQCR

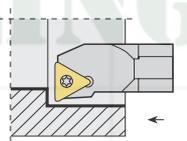


Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)				Kesici Uç Insert	Yedek Parçaları Spare Parts				
	R	L	d	h	L	f		D min	Sıkma Vidası Clamp Screw	Altlık Shim	Altlık Vidası Shim Screw	Tork Anahtar Torx Key
S16P SVQCR/L 11	●	●	16	15	170	11	ø21	VCM. 11 03..	1008-M2.5x7	-	-	80-T08
S20R SVQCR/L 11	●	●	20	18	200	13	ø25					
S25S SVQCR/L 16	●	●	25	23	250	17	ø32	VCM. 16 04..	1015-M3.5X14	AAVN-2-0002	AAV-06-M3.5x11	80-T15
S32T SVQCR/L 16	●	●	32	30	300	22	ø40					
S40U SVQCR/L 16	●	●	40	37	350	27	ø50					

93°



STUCR



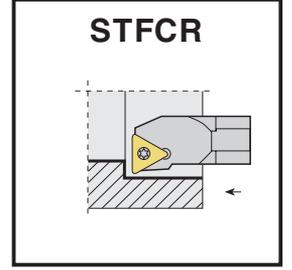
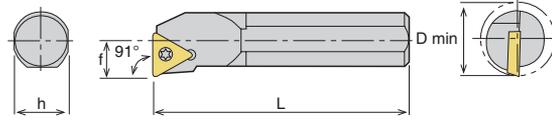
Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)				Kesici Uç Insert	Yedek Parçaları Spare Parts				
	R	L	d	h	L	f		D min	Sıkma Vidası Clamp Screw	Altlık Shim	Altlık Vidası Shim Screw	Tork Anahtar Torx Key
S10K STUCR/L 09	●	●	10	9	125	07	ø13	TCM. 0902..	3007-M2.2x5	-	-	80-T07
S12K STUCR/L 09	●	●	12	11	125	09	ø17					
S12K STUCR/L 11	●	●	12	11	125	09	ø17	TCM. 11 02..	1008-M2.5x7	-	-	80-T08
S16P STUCR/L 11	●	●	16	15	170	11	ø21					
S20R STUCR/L 11	●	●	20	18	200	13	ø25	TCM. 16 T3..	1015-M3.5x9	-	-	80-T15
S16P STUCR/L 16	●	●	16	15	170	11	ø21					
S20R STUCR/L 16	●	●	20	18	200	13	ø25					
S25S STUCR/L 16	●	●	25	23	250	17	ø32	1015-M3.5X14	AATN-2-0001	AAV-06-M3.5x11	80-T15	
S32T STUCR/L 16	●	●	32	30	300	22	ø40					
S40U STUCR/L 16	●	●	40	37	350	27	ø50					

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

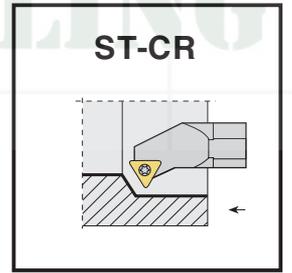
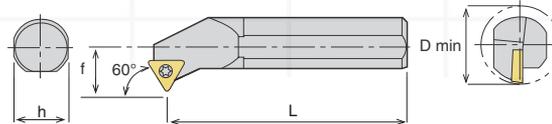
Sipariş Örneği/Ordering Example : 1 ad./pcs. S10K STUCR 09

S-SİSTEM DELİK TORNA KATERLERİ

S-SYSTEM BORING BARS



Takım Kodu Ordering Code	Stok Stock	Kater Ölçüleri (mm) Dimension (mm)						Kesici Uç Insert	Yedek Parçaları Spare Parts				
		R	L	d	h	L	f		D min	Sıkma Vidası Clamp Screw	Altılık Shim	Altılık Vidası Shim Screw	Tork Anahtar Torx Key
S0610FSTFCR/L 06	●	●	10	9	125	04	ø08	TCM. 06T1..	3006-M2x4				80-T06
S10K STFCR/L 09	●	●	10	9	125	07	ø13	TCM. 0902..	3007-M2.2x5				80-T07
S12K STFCR/L 09	●	●	12	11	125	09	ø17						
S12K STFCR/L 11	●	●	12	11	125	09	ø17	TCM. 11 02..	1008-M2.5x7				80-T08
S16P STFCR/L 11	●	●	16	15	170	11	ø21						
S20R STFCR/L 11	●	●	20	18	200	13	ø25						
S16P STFCR/L 16	●	●	16	15	170	11	ø21		1015-M3.5x9	-	-		
S20R STFCR/L 16	●	●	20	18	200	13	ø25						
S25S STFCR/L 16	●	●	25	23	250	17	ø32	TCM. 16 T3..					
S32T STFCR/L 16	○	○	32	30	300	22	ø40		1015-M3.5X14	AATN-2-0001	AAV-06-M3.5x11		
S40U STFCR/L 16	○	○	40	37	350	27	ø50					80-T15	



Takım Kodu Ordering Code	Stok Stock	Kater Ölçüleri (mm) Dimension (mm)						Kesici Uç Insert	Yedek Parçaları Spare Parts			
		R	L	d	h	L	f		D min	Sıkma Vidası Clamp Screw	Altılık Shim	Altılık Vidası Shim Screw
S12K ST-CR/L 11	○	○	12	11	125	09	ø17					
S16P ST-CR/L 11	○	○	16	15	170	11	ø21	TCM. 11 02..	1008-M2.5x7	-	-	80-T08
S20R ST-CR/L 11	○	○	20	18	200	13	ø25					
S16P ST-CR/L 16	●	●	16	15	170	11	ø21		1015-M3.5x9	-	-	
S20R ST-CR/L 16	●	●	20	18	200	13	ø25					
S25S ST-CR/L 16	●	●	25	23	250	17	ø32	TCM. 16 T3..				
S32T ST-CR/L 16	●	●	32	30	300	22	ø40		1015-M3.5X14	AATN-2-0001	AAV-06-M3.5x11	
S40U ST-CR/L 16	●	●	40	37	350	27	ø50					80-T15

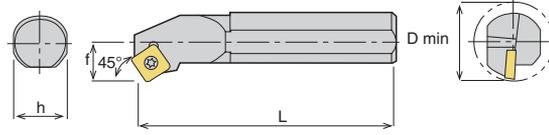
R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item

Sipariş Örneği/Ordering Example : 1 ad./pcs. S12K ST-CR 11

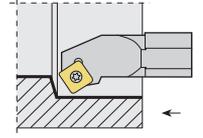
S-SİSTEM DELİK TORNA KATERLERİ

S-SYSTEM BORING BARS

45°



SSSCR



Takım Kodu
Ordering Code

Stok
Stock

Kater Ölçüleri (mm)
Dimension (mm)

Kesici Uç
Insert

Sıkma Vidası
Clamp Screw

Yedek Parçaları
Spare Parts

Altık
Shim

Altık Vidası
Shim Screw

Tork Anahtar
Torx Key

R L

d

h

L

f

D

min



S16P SSSCR/L 09

● ●

16

15

170

11

ø21

S20R SSSCR/L 09

● ●

20

18

200

13

ø25

S25S SSSCR/L 09

○ ○

25

23

250

17

ø32

S32T SSSCR/L 12

○ ○

32

30

300

22

ø40

S40U SSSCR/L 12

○ ○

40

37

350

27

ø50

SCM. 09 T3..

1015-M3.5x9

-

-

80-T15

1015-M3.5x14

AASN-2-0001

AAV-06-M3.5x11

SCM. 12 04..

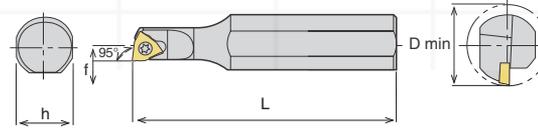
1020-M4.5x16

AASN-2-0004

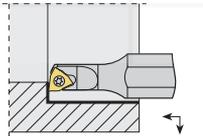
AAV-07-M4.5x11

80-T20

95°



SWLCR



Takım Kodu
Ordering Code

Stok
Stock

Kater Ölçüleri (mm)
Dimension (mm)

Kesici Uç
Insert

Sıkma Vidası
Clamp Screw

Yedek Parçaları
Spare Parts

Altık
Shim

Altık Vidası
Shim Screw

Tork Anahtar
Torx Key

d

h

L

f

D

min



S0608H SWLCR 03

●

08

05

100

04

ø08

S0810K SWLCR 03

●

10

07

125

07

ø10

WCM. 03 02..

1008-M2.5x5

-

-

80-T08

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

Sipariş Örneği/Ordering Example : 1 ad./pcs. S0608H SWLCR 03



P SİSTEM

P SİSTEM DELİK TORNA KATERLERİ

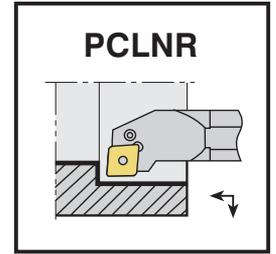
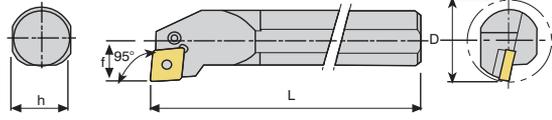
P SYSTEM BORING BARS

TOOLS & TOOLING



P-SİSTEM DELİK TORNA KATERLERİ

P-SYSTEM BORING BARS



Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)					Kesici Uç Insert	Yedek Parçaları Spare Parts							
	R	L	d	h	L	f	D min		Levyeye Lever	Levyeye Vidası Lever Screw	Aitlik Shim	Aitlik Yayı Shim Spring	Baskı Parçası Wedge Clamp	Baskı Vidası Screw	Anahtar Allen Key	
S16P PCLNR/L 09	○	○	16	15	170	11	321	CNM. 09 03..								
S20R PCLNR/L 09	○	○	20	18	200	13	325									
S25S PCLNR/L 09	○	○	25	23	250	17	332									
S25S PCLNR/L 12C	●	●	25	23	250	17	332									
S32T PCLNR/L 12C	●	●	32	30	300	22	340	CNM. 12 04..								
S40U PCLNR/L 12C	●	●	40	37	350	27	350									
S50V PCLNR/L 12C	●	●	50	47	400	35	363									
A25R PCLNR/L 12C	●	●	25	23	200	17	332									
A32S PCLNR/L 12C	●	●	32	30	250	22	340									
A40T PCLNR/L 12C	●	●	40	37	300	27	350									
A50U PCLNR/L 12C	●	●	50	47	350	35	363	CNM. 16 06..								
S32T PCLNR/L 16	●	●	32	30	300	22	340									
S40U PCLNR/L 16	●	●	40	37	350	27	350									
S50V PCLNR/L 16	●	●	50	47	400	35	363									
A32S PCLNR/L 16C	●	●	32	30	250	22	340									
A40T PCLNR/L 16	●	●	40	37	300	27	350									
A50U PCLNR/L 16C	●	●	50	47	350	35	363	CNM. 19 06..								
S40U PCLNR/L 19C	●	●	40	37	350	27	350									
S50V PCLNR/L 19C	●	●	50	47	400	35	363									
A40T PCLNR/L 19C	○	○	40	37	300	27	350									
A50U PCLNR/L 19C	●	●	50	47	350	35	363									

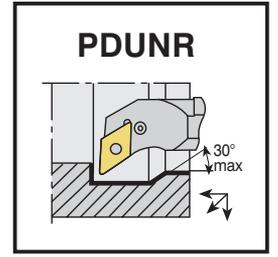
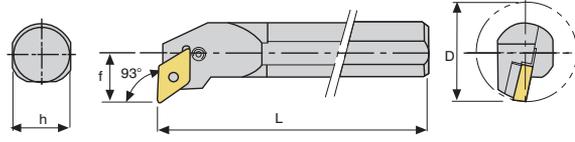
R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item

Sipariş Örneği/Ordering Example : 1 ad./pcs. S25S PCLNR 12C

P-SİSTEM DELİK TORNA KATERLERİ

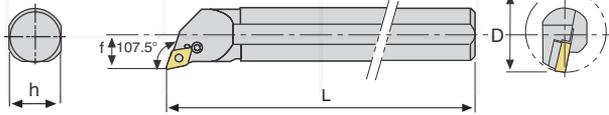
P-SYSTEM BORING BARS

93°



Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)					Kesici Uç Insert	Yedek Parçaları Spare Parts						
	R	L	d	h	L	f	D min		Levyeye	Levyeye Vidası	Altılık	Altılık Yayı	Baskı Parçası	Baskı Vidası	Anahtar
									Lever	Lever Screw	Shim	Shim Spring	Wedge Clamp	Screw	Allen Key
S20R PDUNR/L 11	●	●	20	18	200	13	325	DNM. 11 04..	APL-01	ALV-01-M6x15 ALV-02-M6x17	AADN-SD317	AAY-01	-	-	AAL-02-2.5
S25S PDUNR/L 11	●	●	25	23	250	17	332								
A20P PDUNR/L 11	●	●	20	18	170	13	325								
A25R PDUNR/L 11	●	●	25	23	200	17	332								
S32T PDUNR/L 15	●	●	32	30	300	22	340	DNM. 15 06..	APL-03	ALV-03-M8x19	AADN-3-0001	AAY-02	-	-	AAL-03-3
S40U PDUNR/L 15	●	●	40	37	350	27	350								
S50V PDUNR/L 15	●	●	50	47	400	35	363								
A32S PDUNR/L 15	●	●	32	30	250	22	340								
A40T PDUNR/L 15	●	●	40	37	300	27	350								
A50U PDUNR/L 15	●	●	50	47	350	35	363								

107.5°



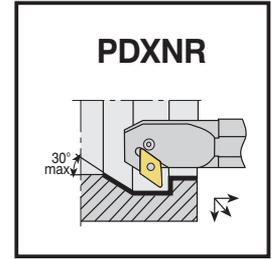
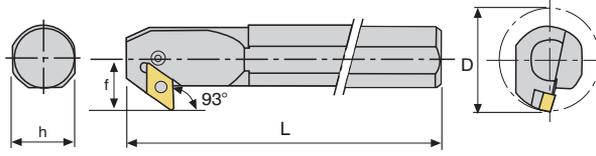
Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)					Kesici Uç Insert	Yedek Parçaları Spare Parts						
	R	L	d	h	L	f	D min		Levyeye	Levyeye Vidası	Altılık	Altılık Yayı	Baskı Parçası	Baskı Vidası	Anahtar
									Lever	Lever Screw	Shim	Shim Spring	Wedge Clamp	Screw	Allen Key
S20R PDQNR/L 11	○	○	20	18	200	13	325	DNM. 11 04..	APL-01	ALV-01-M6x15 ALV-02-M6x17	AADN-SD317	AAY-01	-	-	AAL-02-2.5
S25S PDQNR/L 11	●	●	25	23	250	17	332								
A20P PDQNR/L 11	●	●	20	18	170	13	325								
A25R PDQNR/L 11	●	●	25	23	200	17	332								
S32T PDQNR/L 15	●	●	32	30	300	22	340	DNM. 15 06..	APL-03	ALV-03-M8x19	AADN-3-0001	AAY-02	-	-	AAL-03-3
S40U PDQNR/L 15	●	●	40	37	350	27	350								
S50V PDQNR/L 15	●	●	50	47	400	35	363								
A32S PDQNR/L 15	●	●	32	30	250	22	340								
A40T PDQNR/L 15	●	●	40	37	300	27	350								
A50U PDQNR/L 15	●	●	50	47	350	35	363								

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

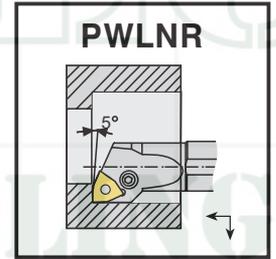
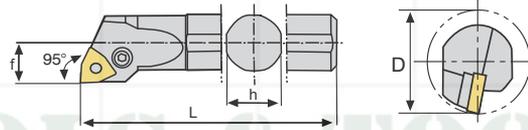
Sipariş Örneği/Ordering Example : 1 ad./pcs. S25S PDQNR 11

P-SİSTEM DELİK TORNA KATERLERİ

P-SYSTEM BORING BARS



Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)					Kesici Uç Insert	Yedek Parçaları Spare Parts						
	R	L	d	h	L	f	D min		Levyeye Lever	Levyeye Vidası Lever Screw	Altılık Shim	Altılık Yayı Shim Spring	Baskı Parçası Wedge Clamp	Baskı Vidası Screw	Anahtar Allen Key
S32T PDXNR/L 15	●	●	32	30	300	25	≥45	DNM. 15 06..	APL-03	ALV-03-M8x19	AADN-3-0001	AAY-02	-	-	AAL-03-3
S40U PDXNR/L 15	●	●	40	37	350	27	≥50								
S50V PDXNR/L 15	●	●	50	47	400	35	≥63								



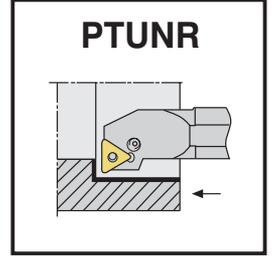
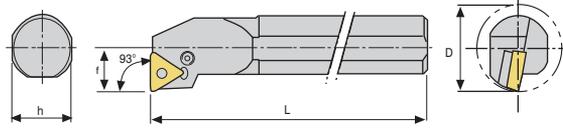
Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)					Kesici Uç Insert	Yedek Parçaları Spare Parts						
	R	L	d	h	L	f	D min		Levyeye Lever	Levyeye Vidası Lever Screw	Altılık Shim	Altılık Yayı Shim Spring	Baskı Parçası Wedge Clamp	Baskı Vidası Screw	Anahtar Allen Key
S20R PWLNR/L 06	●	●	20	18	200	13	≥25	WNM. 06 04..	APL-01	ALV-02-M6x17	AAWN-SW317	AAY-01	-	-	AAL-02-2.5
S25S PWLNR/L 06	○	○	25	23	250	17	≥32								
A20P PWLNR/L 06	●	●	20	18	170	13	≥25								
A25R PWLNR/L 06	●	●	25	23	200	17	≥32								
A32S PWLNR/L 06	●	●	32	30	250	22	≥40								
S25S PWLNR/L 08C	●	●	25	23	250	17	≥32	WNM. 08 04..	APL-02	ALV-03-M8x19	AAWN-3-0001	AAY-02	ACK-05	1515-M4x11	AAL-03-3
S32T PWLNR/L 08C	●	●	32	30	300	22	≥40								
S40U PWLNR/L 08C	●	●	40	37	350	27	≥50								
S50V PWLNR/L 08C	●	●	50	47	400	35	≥63								
A25R PWLNR/L 08C	●	●	25	23	200	17	≥32								
A32S PWLNR/L 08C	●	●	32	30	250	22	≥40								
A40T PWLNR/L 08C	●	●	40	37	300	27	≥50								
A50U PWLNR/L 08C	●	●	50	47	350	35	≥63								

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

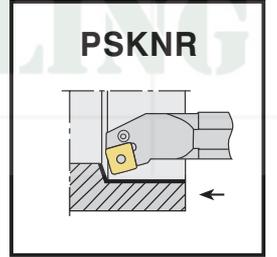
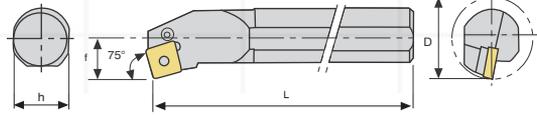
Sipariş Örneği/Ordering Example : 1 ad./pcs. S20R PWLNR 06

P-SİSTEM DELİK TORNA KATERLERİ

P-SYSTEM BORING BARS



Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)					Kesici Uç Insert	Yedek Parçaları Spare Parts						
	R	L	d	h	L	f	D _{min}		Levye Lever	Levye Vidası Lever Screw	Altlık Shim	Altlık Yayı Shim Spring	Baskı Parçası Wedge Clamp	Baskı Vidası Screw	Anahtar Allen Key
	○	●	○	●	○	●	○		○	○	○	○	○	○	○
S16P PTUNR/L 16	○	○	16	15	170	11	ø21	TNM. 16 04..	APL-01	ALV-01-M6x15	AATN-3-0025	AAY-01	-	-	AAL-02-2.5
S20R PTUNR/L 16	●	●	20	18	200	13	ø25								
S25S PTUNR/L 16C	●	●	25	23	250	17	ø32								
S32T PTUNR/L 16C	●	●	32	30	300	22	ø40								
S40U PTUNR/L 16C	●	●	40	37	350	27	ø50								
S32T PTUNR/L 22C	●	●	32	30	300	22	ø40	TNM. 22 04..	APL-02	ALV-03-M8x19	AATN-3-0015	AAY-02	ACK-05	1515-M4x11	AAL-03-3
S40U PTUNR/L 22C	●	●	40	37	350	27	ø50								
S50V PTUNR/L 22C	●	●	50	47	400	35	ø63								



Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)					Kesici Uç Insert	Yedek Parçaları Spare Parts						
	R	L	d	h	L	f	D _{min}		Levye Lever	Levye Vidası Lever Screw	Altlık Shim	Altlık Yayı Shim Spring	Baskı Parçası Wedge Clamp	Baskı Vidası Screw	Anahtar Allen Key
	○	●	○	●	○	●	○		○	○	○	○	○	○	○
S25S PSKNR/L 12C	●	●	25	23	250	17	ø32	SNM. 12 04..	APL-02	ALV-03-M8x19	AASN-3-0004	AAY-02	ACK-05	1515-M4x11	AAL-03-3
S32T PSKNR/L 12C	●	●	32	30	300	22	ø40								
S40U PSKNR/L 12C	●	●	40	37	350	27	ø50								
S50V PSKNR/L 12C	●	●	50	47	400	35	ø63								
S32T PSKNR/L 15	○	○	32	30	300	22	ø40	SNM. 15 06..	APL-04	ALV-04-M8x22	AASN-3-0023	AAY-03	-	-	AAL-05-4
S40U PSKNR/L 15	○	○	40	37	350	27	ø50								
S50V PSKNR/L 15	○	○	50	47	400	35	ø63								

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

Sipariş Örneği/Ordering Example : 1 ad./pcs. S25S PSKNR 12C



KARTUŞLAR

KARTUŞLAR
CARTRIDGE



TOOLS & TOOLING



S

1

T

2

F

3

C

4

R

5

12

6

C

7

A

8

16

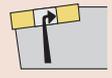
9

1 Sıkma Tipi / Method of Mounting of Insert



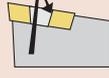
Deliksiz Üstten Sıkma
Top clamping without hole

C



Delikten Laveyle Sıkma
Hole Clamping (Lever Lock)

P



Vıdla ile Sıkma
Screw on

S

2 Uç Tipi / Insert Shape



C



S



T

3 Yanaşma Açısı / ToolHolder Shape



L



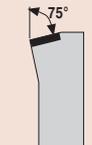
S



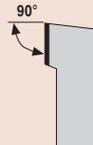
F



R



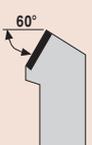
K



G



W



T

4 Serbest Uç Açısı / Clearance angle of Insert



C

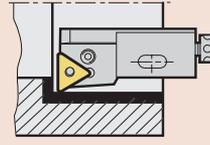


P

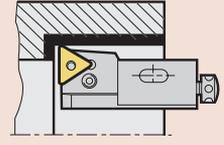


N

5 Kesme Yönü / Cutting Direction

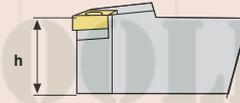


R



L

6 Kesme Kenar Yüksekliği / Cutting Edge Height



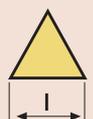
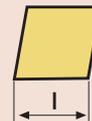
7 Kartuş Kodu / Cartridge Code

C
(Kartuş / Cartridge)

8 Kartuş Tipi / Type of Cartridge

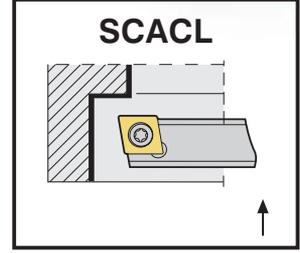
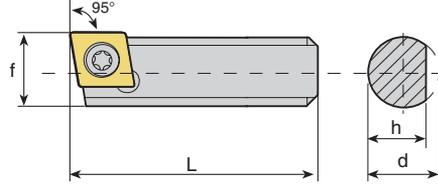
A
(ISO 5611)

9 Kesme Kenar Uzunluğu / Cutting Edge Length

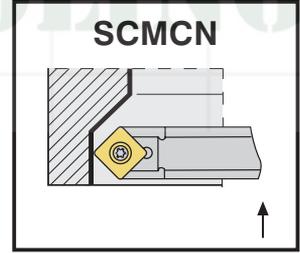
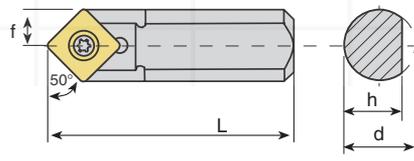


S-TİP HONLAMA KARTUŞLARI

S-TYPE HONING CARTRIDGE



Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)				Kesici Uç Insert	Yedek Parçaları Spare Parts		
	R	L	d	h	L	f		Sıkma Vidası Clamp Screw	Anahtar Allen Key	
S10X SCACR/L 06	○	●	10	8.5	25	10.5	CCM. 0602..	1008-M2.5x7	80-T08	
S10A SCACR/L 06	○	○	10	8.5	32	10.5				
S10C SCACR/L 06	○	●	10	8.5	50	10.5				
S12B SCACR/L 06	○	●	12	10.5	40	12.5				
S16A SCACR/L 09	○	●	16	14	32	16.5				
S16B SCACR/L 09	○	●	16	14	40	16.5	CCM. 09T3..	1015-M3.5x9	80-T15	
S16C SCACR/L 09	○	●	16	14	50	16.5				
S16D SCACR/L 09	○	●	16	14	60	16.5				
S16E SCACR/L 09	○	●	16	14	70	16.5				
S16G SCACR/L 09	○	●	16	14	90	16.5				
S16H SCACR/L 09	○	○	16	14	100	16.5				



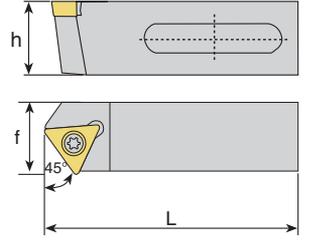
Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)				Kesici Uç Insert	Yedek Parçaları Spare Parts		
	R	L	d	h	L	f		Sıkma Vidası Clamp Screw	Anahtar Allen Key	
S10X SCMCN 06	●	○	10	8.5	25	5	CCM. 0602..	1008-M2.5x7	80-T08	
S16C SCMCN 09	○	○	16	14	50	8				
S16D SCMCN 09	●	○	16	14	60	8	CCM. 09T3..	1015-M3.5x9	80-T15	
S16D SCMCN 09-R	●	○	16	14	60	8				
S16D SCMCN 09-L	●	○	16	14	60	8				

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

Sipariş Örneği/Ordering Example : 1 ad./pcs. S10X SCMCN 06

S-TİP HONLAMA KARTUŞLARI

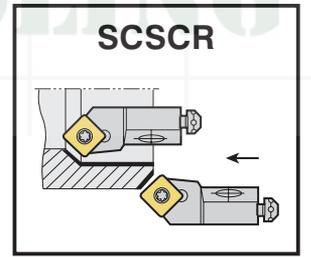
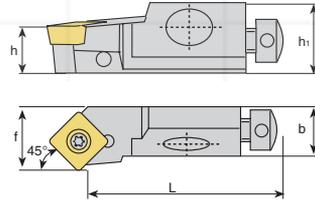
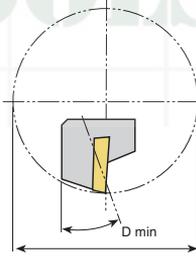
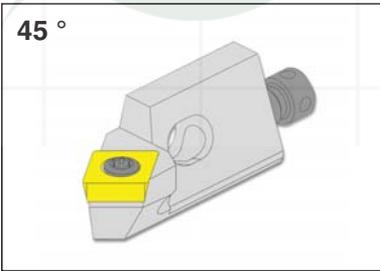
S-TYPE HONING CARTRIDGE



Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)				Kesici Uç Insert	Yedek Parçaları Spare Parts		
	R	L	d	h	L	f		Sıkma Vidası Clamp Screw	Anahtar Allen Key	
STXCR/L 2020 B16	○	●	20	20	40	20	TCM. 16T3..	1015-M3.5x9	80-T15	
STXCR/L 2020 E16	○	●	20	20	70	20				

S-SİSTEM KARTUŞLAR

S-SYSTEM CARTRIDGE

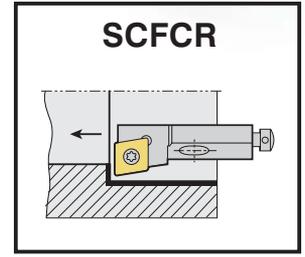
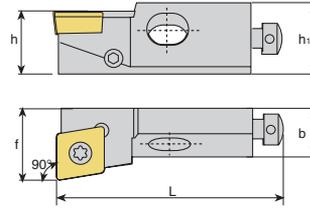
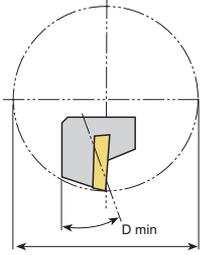


Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)						Kesici Uç Insert	Yedek Parçaları Spare Parts			
	R	L	h	h ₁	b	L	f	D min		Altık Shim	Altık Vidası Shim Screw	Sıkma Vidası Clamp Screw	Anahtar Allen Key
SCSCR/L 06CA 06	○	○	6	8	6	21	8	≈20	CCM. 0602..	-	-	1008-M2.5x7	80-T08
SCSCR/L 10CA 09	○	○	10	15	11	44	14	≈40	CCM. 09T3..	AACN-2-0001	AAV-06-M3.5x11	1015-M3.5x14	80-T15
SCSCR/L 12CA 12	○	○	12	18	15	47	20	≈50	CCM. 1204..	AACN-2-0003	AAV-07-M4.5x11	1020-M4.5x16	80-T20

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

Sipariş Örneği/Ordering Example : 1 ad./pcs. SCSCR 06CA 06

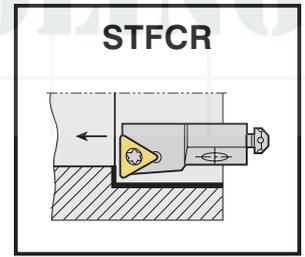
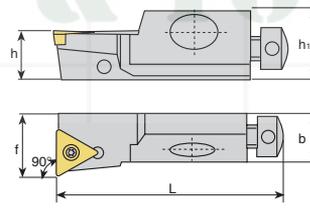
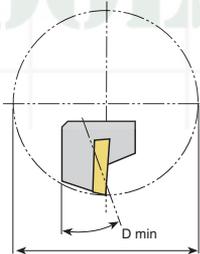
90°



SCFCR

Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)						Kesici Uç Insert	Yedek Parçaları Spare Parts			
	R	L	h	h ₁	b	L	f	D min		Altık Shim	Altık Vidası Shim Screw	Sıkma Vidası Clamp Screw	Anahtar Allen Key
SCFCR/L 06CA 06	○	○	6	8.5	6	25	8	320		-	-	1008-M2.5x7	80-T08
SCFCR/L 08CA 06	○	○	8	11	8	32	10	320	-	-	1015-M3.5x9	80-T15	
SCFCR/L 10CA 09	●	●	10	15	11	50	14	340	CCM. 09T3..	-	-	1020-M4.5x16	80-T20
SCFCR/L 12CA 12	○	○	12	18	15	55	20	350	CCM. 1204..	AACN-2-0003	AAV-07-M4.5x11	1015-M3.5x9	80-T15
SCFCR/L 16CA 12	○	○	16	21	20	63	25	360	CCM. 1204..	AACN-2-0003	AAV-07-M4.5x11	1020-M4.5x16	80-T20

90°



STFCR

Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)						Kesici Uç Insert	Yedek Parçaları Spare Parts			
	R	L	h	h ₁	b	L	f	D min		Altık Shim	Altık Vidası Shim Screw	Sıkma Vidası Clamp Screw	Anahtar Allen Key
STFCR/L 10CA 11	●	●	10	15	11	50	14	340		-	-	1008-M2.5x7	80-T08
STFCR/L 12CA 16	○	○	12	20	15	55	20	350	TCM. 16T3..	-	-	1015-M3.5x9	80-T15
STFCR/L 16CA 16	○	○	16	21	20	63	20	360	TCM. 16T3..	AATN-2-0001	AAV-06-M3.5x11	1015-M3.5x14	80-T15

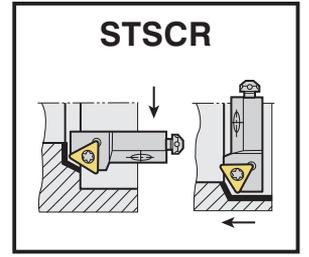
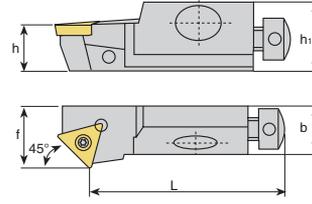
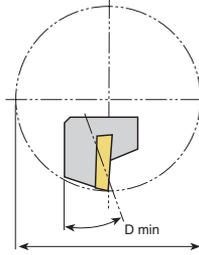
R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item

Sipariş Örneği/Ordering Example : 1 ad./pcs. STFCR 10CA 11

S-SİSTEM KARTUŞLAR

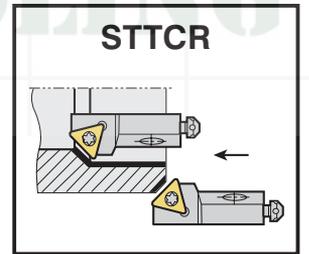
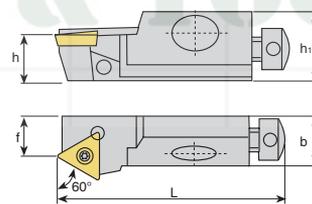
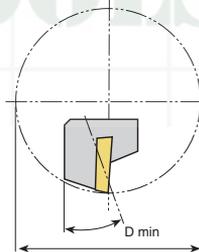
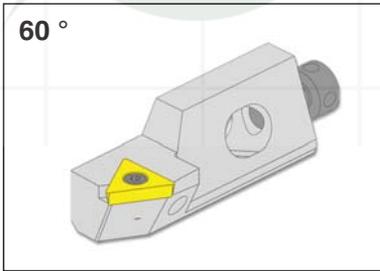
S-SYSTEM CARTRIDGE

45°



Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)					Kesici Uç Insert	Yedek Parçaları Spare Parts				
	R	L	h	h ₁	b	L	f		D min	Altık Shim	Altık Vidası Shim Screw	Sıkma Vidası Clamp Screw	Anahtar Allen Key
STSCR/L 08CA 09	○	○	8	11	8	28	10	≈20					
STSCR/L 10CA 11	●	●	10	15	11	44	14	≈40		-	-	3007-M2.2x5	80-T07
										-	-	1008-M2.5x7	80-T08

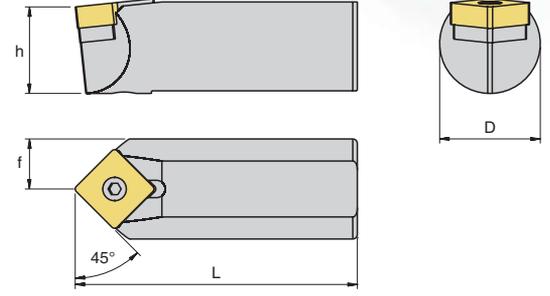
60°



Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)					Kesici Uç Insert	Yedek Parçaları Spare Parts				
	R	L	h	h ₁	b	L	f		D min	Altık Shim	Altık Vidası Shim Screw	Sıkma Vidası Clamp Screw	Anahtar Allen Key
STTCR/L 08CA 09	○	○	8	9.5	6.5	25.7	10	≈20					
STTCR/L 10CA 11	○	○	10	15	11	42	13.9	≈40		-	-	3007-M2.2x5	80-T07
										-	-	1008-M2.5x7	80-T08

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

Sipariş Örneği/Ordering Example : 1 ad./pcs. STTCR 08CA 09



Takım Kodu Ordering Code	Stok Stock	Kater Ölçüleri (mm) Dimension (mm)				Kesici Uç Insert	Yedek Parçaları Spare Parts				
		d	h	L	f		Altılık Shim	Sıkma Vidası Clamp Screw	Baskı Parçası Wedge Clamp	Baskı Vidası Screw	Anahtar Allen Key
S22D PSDNN 12C	●	22	19.5	60	11						
						SNM. 1204..	AASN-20020	AEV-01-M6x16	ACK-05	1515-M4x11	AAL-02-2.5

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

Sipariş Örneği/Ordering Example : 1 ad./pcs. S22D PSDNN 12C





DIŞ AÇMA

DIŞ AÇMA TAKIMLARI
THREADING TOOLHOLDERS

AKKO

TOOLS & TOOLING



S

1

E

2

R

3

25 25

4-5

M

6

16

7

C

8

1 Sıkma Tipi
Method of Mounting of Insert

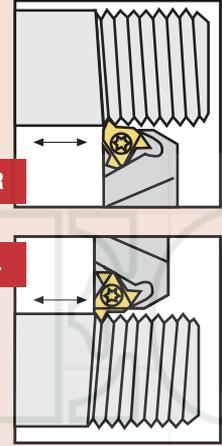
S: Vida Sıklmalı
S: Screw Clamping

2 İşlem Tipi
Application

E: Dış / External
I: İç / Internal

3 Kesme Yönü
Cutting Direction

R: Sağ Yan / Right - Hand
L: Sol Yan / Left - Hand



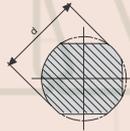
4 Takım Malzemesi / Type of Boring Bar

"A" Yekpare çelik gövde soğutma suyu kanallı / "A" Solid steel with coolant hole
"E" Çelik başlıkla sert metal gövde ve soğutma suyu kanallı /
"E" Carbide bar with fixed steel head and coolant hole
"C" KARBÜR ŞAFT / "C" Carbide shank
"S" Çelik Şaft / "S" Steel shank

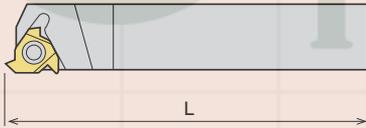
4-5 Dış Çap Şaft Ölçüleri
External Shank Size

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

5 Şaft Çapı / Shank Diameter

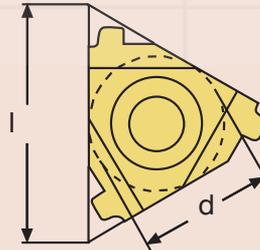


6 Şaft Boyu / Shank Length



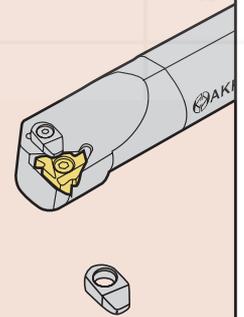
			(mm)
A - 32	H - 100	Q - 180	x-special
B - 40	J - 110	R - 200	
C - 50	K - 125	S - 250	
D - 60	L - 140	T - 300	
E - 70	M - 150	U - 350	
F - 80	N - 160	V - 400	
G - 90	P - 170	W - 450	

7 Elmas Ölçüsü
Insert Size



l (mm)	d
06	5/32"
08	3/16"
11	1/4"
16	3/8"
22	1/2"
27	5/8"

8 Baskı Pabucu
Wedge Clamp



S

1

I

2

R

3

S

4

25

5

R

6

16

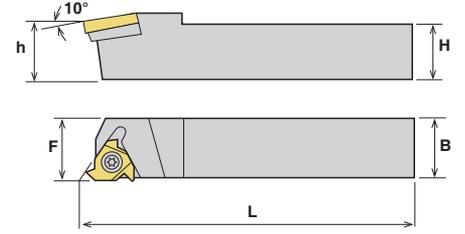
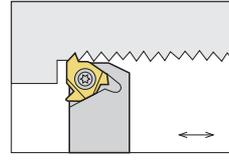
7

C

8

DIŞ ÇAP DIŞ AÇMA TAKIMLARI

EXTERNAL THREADING TOOLHOLDERS



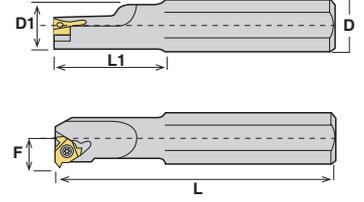
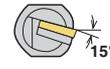
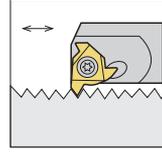
Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)				Kesici Uç Insert	Yedek Parçaları Spare Parts					
	R	L	h=H	B	L	F		Sıkma Vidası Clamp Screw	Altlık Shim	Altlık Vidası Shim Screw	Baskı Parçası Wedge Clamp	Baskı Vidası Screw	Tork Anahtar Torx Key
SER/L 0808 E 11	●	●	08	08	70	11							
SER/L 1010 E 11	●	●	10	10	70	11	11 ER/EL	1008-M2.5x7	-	-	-	-	80-T08
SER/L 1616 H 11	●	●	16	16	100	16							
SER/L 1616 H 16C	●	●	16	16	100	16							
SER/L 2020 K 16C	●	●	20	20	125	20	16 ER/EL	1015-M3.5x14	AATN-2-0020	AAV-06-M3.5x11			80-T15
SER/L 2525 M 16C	●	●	25	25	150	25							
SER/L 3232 P 16C	●	●	32	32	170	32					ACK-05	1515-M4x11	
SER/L 2525 M 22C	●	●	25	25	150	25							
SER/L 3232 P 22C	●	●	32	32	170	32	22 ER/EL	1020-M4.5x16	AATN-2-0004	AAV-07-M4.5x11			80-T20
SER/L 4040 S 22C	●	●	40	40	250	40							
SER/L 2525 M 16C-T	●	●	25	25	150	25	16 ER/L (1.5-3 TR)	1015-M3.5x9	-	-			80-T15
SER/L 2525 M 22C-T	●	●	25	25	150	25	22 ER/L (4-6 TR)	1020-M4.5x16	-	-			80-T20

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

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

DELİK İÇİ DİŞ AÇMA TAKIMLARI

INTERNAL THREADING TOOLHOLDERS



Takım Kodu Ordering Code	Stok Stock	Kater Ölçüleri (mm) Dimension (mm)						Kesici Uç Insert	Yedek Parçaları Spare Parts						
		R	L	D	D1	L	L1		F	D min	Sıkma Vidası Clamp Screw	Altık Shim	Altık Vidası Shim Screw	Baskı Parçası Wedge Clamp	Baskı Vidası Screw
SIR/L S16X07M 08	●●	16	07	150	18	5.3	7.8	08 IR/L	3007-M2.2x5	-	-	-	-	-	80-T07
SIR/L S10H 11	●●	10	10	100	-	7.4	12	11 IR/L	1008-M2.5x7	-	-	-	-	80-T08	
SIR/L S12K 11	●●	12	12	125	-	8.4	16								
SIR/L S16X10M 11	●●	16	10	150	25	7.4	12	16 IR/L	1015-M3.5x9	-	-	-	-	80-T15	
SIR/L S16X13M 11	●●	16	13	150	32	8.9	15								
SIR/L S16X13M 16	○	16	13	150	32	10.2	16	22 IR/L	1020-M4.5x16	AATN-2-0020	AAV-06-M3.5x11	ACK-05	1515-M4x11	80-T20	
SIR/L S16M 16	●●	16	16	150	-	11.7	19								
SIR/L S20X16P 16	○	20	16	170	40	11.7	19	16 IR/L	1015-M3.5x14	AATN-2-0020	AAV-06-M3.5x11	ACK-05	1515-M4x11	80-T15	
SIR/L S20P 16	●●	20	20	170	-	13.7	24								
SIR/L S25R 16C	●●	25	25	200	-	16.2	29	22 IR/L	1020-M4.5x16	AATN-2-0004	AAV-07-M4.5x11	ACK-05	1515-M4x11	80-T20	
SIR/L S32S 16C	●●	32	32	250	-	19.7	36								
SIR/L S40T 16C	●●	40	40	300	-	23.7	44	16 IR/L (1.5-3 TR)	1015-M3.5x9	-	-	-	-	80-T15	
SIR/L S50U 16C	●●	50	50	350	-	28.7	54								
SIR/L S20P 22	●●	20	20	170	-	14	24	22 IR/L (4-6 TR)	1020-M4.5x16	-	-	-	-	80-T20	
SIR/L S25R 22C	●●	25	25	200	-	18.1	29								
SIR/L S32S 22C	●●	32	32	250	-	21.6	38	16 IR/L (1.5-3 TR)	1015-M3.5x9	-	-	-	-	80-T15	
SIR/L S40T 22C	●●	40	40	300	-	25.6	46								
SIR/L S50U 22C	●●	50	50	350	-	30.6	58	22 IR/L (4-6 TR)	1020-M4.5x16	-	-	-	-	80-T20	
SIR/L S25R 16C-T	●●	25	25	200	-	16.2	29								
SIR/L S32S 16C-T	●●	32	32	250	-	19.7	36	22 IR/L (4-6 TR)	1020-M4.5x16	-	-	-	-	80-T20	
SIR/L S25R 22C-T	●●	25	25	200	-	18.1	29								
SIR/L S32S 22C-T	●●	32	32	250	-	21.6	38								

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

Sipariş Örneği/Ordering Example : 1 ad./pcs. SIR S16x07M 08



KANAL AÇMA

KANAL AÇMA TAKIMLARI

GROOVING TOOLHOLDERS

TOOLS & TOOLING



AKKO
A
1

AKT
2

K
3

R
4

2525
5

Ø(100-150)
6

4
7

T22
8

2 Kesiş Stili / Cutter Style

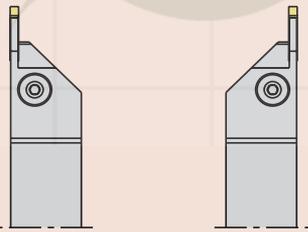
DKT : Dış Çap Kanal Açma Takımı - External Grooving Toolholders
IKT : Delik İçi Kanal Açma Takımı - Internal Grooving Toolholders
AKT : Dış Çap Alın Kanal Açma Takımı - Face Grooving Toolholders

3 Uç Tipi / Insert Type

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

TGTC / TD.

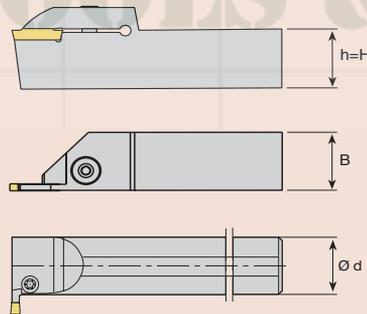
4 Kesme Yönü / Cutting Direction



R

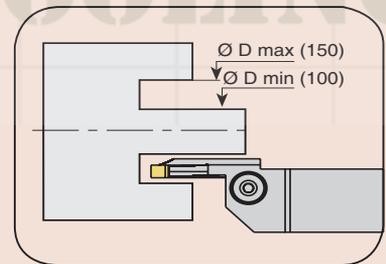
L

5 Kesme Kenar Yüksekliği ve Şaft Genişliği
Cutting Edge Height and Shank Width



Ø d

6 Kesme Aralığı / Cutting Diameter

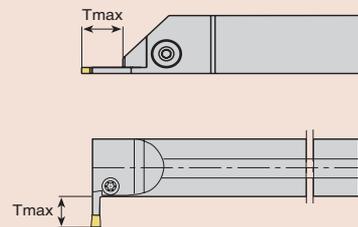


7 Kesme Kenar Genişliği / Cutting Width Edge

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

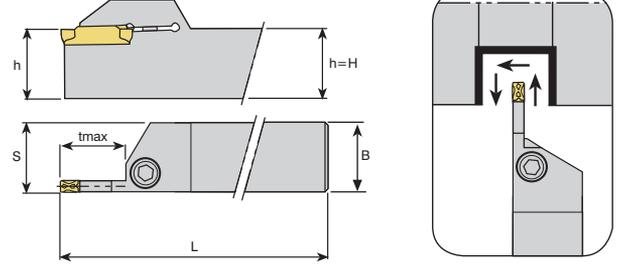


8 Kesme Derinliği / Cutting Depth



DIŞ ÇAP KANAL AÇMA TAKIMLARI

EXTERNAL GROOVING TOOLHOLDERS

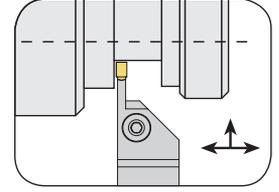
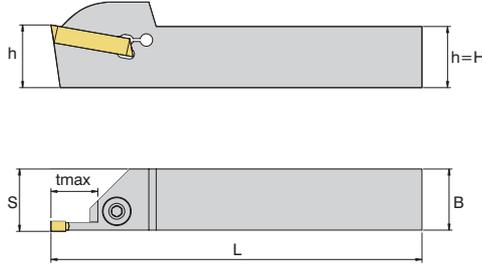


Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)					Kesici Uç Insert KRLY / MGM.	Yedek Parçaları Spare Parts		
	R	L	h=H	B	L	S	t max		Sıkma Vidası Clamp Screw	Pul Stamp	Anahtar Allen Key
ADKT-K-R/L-1212-2-T15	●	●	12	12	100	12.3	15	2	AKV-02-M6x20	ABPL-01	AAL-03-3
ADKT-K-R/L-1616-2-T15	●	●	16	16	100	16.3	15				
ADKT-K-R/L-2020-2-T15	●	●	20	20	125	20.3	15				
ADKT-K-R/L-2525-2-T15	●	●	25	25	150	25.3	15	3	2004-M8x1x20	-	AAL-05-4
ADKT-K-R/L-3232-2-T15	○	○	32	32	170	32.3	15				
ADKT-K-R/L-1212-3-T15	●	●	12	12	100	12.3	15				
ADKT-K-R/L-1616-3-T15	●	●	16	16	100	16.4	15	4	2004-M8x1x20	-	AAL-05-4
ADKT-K-R/L-2020-3-T20	●	●	20	20	125	20.4	20				
ADKT-K-R/L-2525-3-T22	●	●	25	25	150	25.4	22				
ADKT-K-R/L-3232-3-T22	●	●	32	32	170	32.4	22	5	2004-M8x1x20	-	AAL-05-4
ADKT-K-R/L-2020-4-T20	●	●	20	20	125	20.4	20				
ADKT-K-R/L-2525-4-T22	●	●	25	25	150	25.4	22				
ADKT-K-R/L-3232-4-T22	●	●	32	32	170	32.4	22	6	2004-M8x1x20	-	AAL-05-4
ADKT-K-R/L-2020-5-T20	●	●	20	20	125	20.5	20				
ADKT-K-R/L-2525-5-T25	●	●	25	25	150	25.5	25				
ADKT-K-R/L-3232-5-T25	●	●	32	32	170	32.5	25	8	2004-M8x1x20	-	AAL-05-4
ADKT-K-R/L-2525-6-T25	●	○	25	25	150	25.6	25				
ADKT-K-R/L-3232-6-T25	●	●	32	32	170	32.6	25				
ADKT-K-R/L-3232-8-T32	●	●	32	32	170	32.8	32				

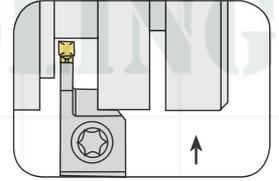
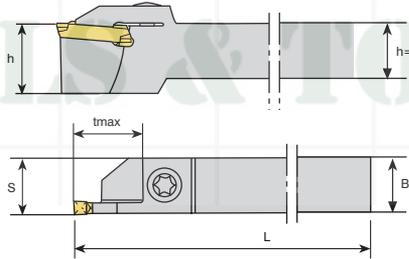
R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item

Sipariş Örneği/Ordering Example : 1 ad./pcs. ADKT-K-R-1212-2-T15

DIŞ ÇAP KANAL AÇMA TAKIMLARI EXTERNAL GROOVING TOOLHOLDERS



Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)				Kesici Uç Insert	Yedek Parçaları Spare Parts			
	R	L	h=H	B	L	S		t _{max}	Sıkma Vidası Clamp Screw	Pul Stamp	Anahtar Allen Key
								HRN / S229			
ADKT-H-R/L-2020-3-T20	●	●	20	20	125	20.5	20	3	2004-M8x1x20	-	AAL-05-4
ADKT-H-R/L-2525-3-T22	●	●	25	25	150	25.5	22				
ADKT-H-R/L-2020-4-T20	●	●	20	20	125	20.5	20	4	2004-M8x1x20	-	AAL-05-4
ADKT-H-R/L-2525-4-T22	●	●	25	25	150	25.5	22				
ADKT-H-R/L-3232-4-T22	●	●	32	32	170	32.5	22	5	2004-M8x1x20	-	AAL-05-4
ADKT-H-R/L-2020-5-T20	●	●	20	20	125	20.5	20				
ADKT-H-R/L-2525-5-T25	●	●	25	25	150	25.5	25	6	2004-M8x1x20	-	AAL-05-4
ADKT-H-R/L-2525-6-T25	●	●	25	25	150	25.6	25				



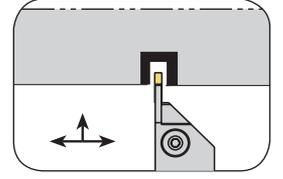
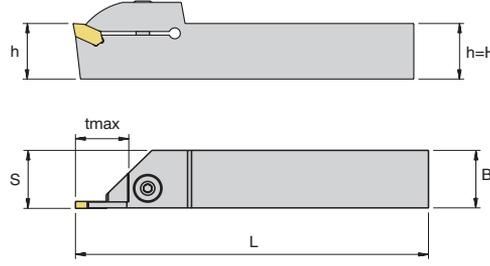
Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)				Kesici Uç Insert	Yedek Parçaları Spare Parts			
	R	L	h=H	B	L	S		t _{max}	Sıkma Vidası Clamp Screw	Pul Stamp	Anahtar Allen Key
								HRN / S224-S223			
ADKT-HK-R/L-1616 -2-T15	●	●	16	16	100	16.3	15	2	AKV-02-M6x20	ABPL-01	AAL-03-3
ADKT-HK-R/L-2020 -2-T15	●	●	20	20	125	20.3	15				
ADKT-HK-R/L-2525 -2-T15	●	●	25	25	150	25.3	15	3	2004-M8x1x20	-	AAL-05-4
ADKT-HK-R/L-1616 -3-T15	○	○	16	16	100	16.3	15				
ADKT-HK-R/L-2020 -3-T20	●	●	20	20	125	20.4	20	4	2004-M8x1x20	-	AAL-05-4
ADKT-HK-R/L-2525 -3-T22	●	●	25	25	150	25.4	22				
ADKT-HK-R/L-2020 -4-T20	●	●	20	20	125	20.4	20	2	AKV-02-M6x20	ABPL-01	AAL-03-3
ADKT-HK-R/L-2525 -4-T22	●	●	25	25	150	25.4	22				
ADKT-HS223-R/L-2020-2-T15	●	○	20	20	125	20.4	15				

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

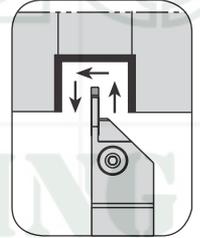
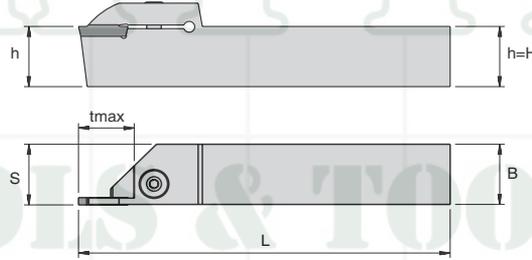
Sipariş Örneği/Ordering Example : 1 ad./pcs. ADKT-HK-R-1616-2-T15

DIŞ ÇAP KANAL AÇMA TAKIMLARI

EXTERNAL GROOVING TOOLHOLDERS



Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)					Kesici Uç Insert	Yedek Parçaları Spare Parts		
	R	L	h=H	B	L	S	tmax		Sıkma Vidası Clamp Screw	Pul Stamp	Anahtar Allen Key
ADKT-ZCC1-R/L-2020-3-T20	●	○	20	20	125	20.3	20	ZCC1 			
ADKT-ZCC1-R/L-2525-3-T22	●	○	25	25	150	25.3	22	3			
ADKT-ZCC1-R/L-2020-4-T20	●	○	20	20	125	20.4	20	4			
ADKT-ZCC1-R/L-2525-4-T22	●	○	25	25	150	25.4	22				
									2004-M8x1x20	-	AAL-05-4

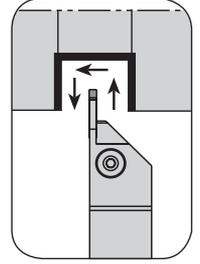
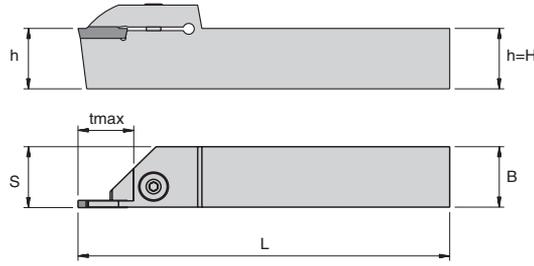


Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)					Kesici Uç Insert	Yedek Parçaları Spare Parts		
	R	L	h=H	B	L	S	tmax		Sıkma Vidası Clamp Screw	Pul Stamp	Anahtar Allen Key
ADKT-ZCC2-R/L-2020-3-T20	●	●	20	20	125	20.3	20	ZCC2 			
ADKT-ZCC2-R/L-2525-3-T22	●	●	25	25	150	25.3	22	3			
ADKT-ZCC2-R/L-2020-4-T20	●	●	20	20	125	20.5	20	4			
ADKT-ZCC2-R/L-2525-4-T22	●	●	25	25	150	25.5	22				
ADKT-ZCC2-R/L-2020-5-T20	●	●	20	20	125	20.5	20	5			
ADKT-ZCC2-R/L-2525-5-T25	●	●	25	25	150	25.5	25				
ADKT-ZCC2-R/L-2020-6-T20	●	●	20	20	125	20.6	20	6			
ADKT-ZCC2-R/L-2525-6-T25	●	●	25	25	150	25.6	25				
ADKT-ZCC2-R/L-3232-6-T25	●	●	32	32	170	32.6	25				
									2004-M8x1x20	-	AAL-05-4

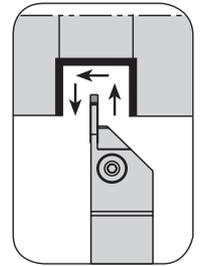
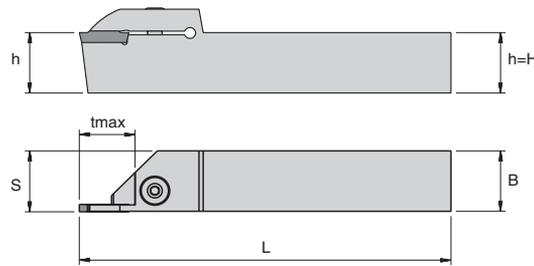
R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item

Sipariş Örneği/Ordering Example : 1 ad./pcs. ADKT-ZCC2-R-2020-3-T20

DIŞ ÇAP KANAL AÇMA TAKIMLARI EXTERNAL GROOVING TOOLHOLDERS



Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)				Kesici Uç Insert ISCR GIM-GIP-GTN-DGN 	Yedek Parçaları Spare Parts			
	R	L	h=H	B	L	S		Sıkma Vidası Clamp Screw 	Pul Stamp 	Anahtar Allen Key 	
ADKT-I-R/L-1212-2-T15	●	●	12	12	100	12.3	15	2	AKV-02-M6x20	ABPL-01	AAL-03-3
ADKT-I-R/L-1616-2-T15	●	●	16	16	100	16.3	15				
ADKT-I-R/L-2020-2-T15	●	●	20	20	125	20.3	15				
ADKT-I-R/L-2525-2-T15	●	●	25	25	150	25.3	15	3	2004-M8x1x20	-	AAL-05-4
ADKT-I-R/L-1212-3-T15	●	●	12	12	100	12.3	15				
ADKT-I-R/L-1616-3-T15	●	●	16	16	100	16.4	15				
ADKT-I-R/L-2020-3-T20	●	●	20	20	125	20.4	20	4	2004-M8x1x20	-	AAL-05-4
ADKT-I-R/L-2525-3-T22	●	●	25	25	150	25.4	22				
ADKT-I-R/L-2020-4-T20	●	●	20	20	125	20.4	20				
ADKT-I-R/L-2525-4-T22	●	●	25	25	150	25.4	22	2	AKV-02-M6x20	ABPL-01	AAL-03-3
ADKT-IGI-R/L-2020-2-T15	●	●	20	20	125	20.3	15				
ADKT-IGI-R/L-2525-2-T15	●	○	25	25	150	25.4	15				
ADKT-IGI-R/L-1616-3-T15	●	○	16	16	100	16.4	15	3	2004-M8x1x20	-	AAL-05-4
ADKT-IGI-R/L-2525-3-T22	●	●	25	25	150	25.4	22				
ADKT-IGI-R/L-2525-5-T25	●	●	25	25	150	25.6	25				
ADKT-IGTN-R/L-2525-5-T25	●	○	25	25	150	25.6	25	5	2004-M8x1x20	-	AAL-05-4



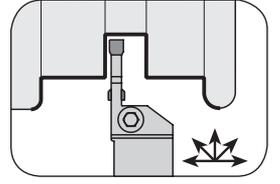
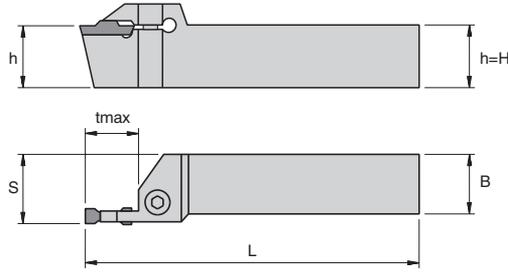
Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)				Kesici Uç Insert KM / A4. 	Yedek Parçaları Spare Parts			
	R	L	h=H	B	L	S		Sıkma Vidası Clamp Screw 	Pul Stamp 	Anahtar Allen Key 	
ADKT-KM-R/L-2020-2-T15	●	●	20	20	125	20.3	15	2	AKV-02-M6x20	ABPL-01	AAL-03-3
ADKT-KM-R/L-2525-2-T15	●	●	25	25	150	25.3	15				
ADKT-KM-R/L-2020-3-T20	●	●	20	20	125	20.4	20	3	2004-M8x1x20	-	AAL-05-4
ADKT-KM-R/L-2525-3-T22	●	●	25	25	150	25.4	22				
ADKT-KM-R/L-2525-4-T22	●	○	25	25	150	25.5	22	4	2004-M8x1x20	-	AAL-05-4

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

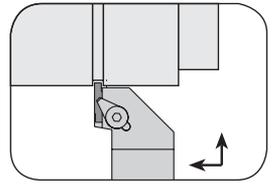
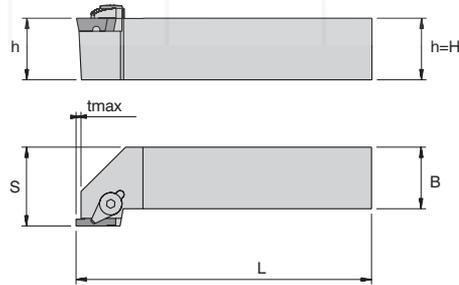
Sipariş Örneği/Ordering Example : 1 ad./pcs. ADKT-KM-R-2020-2-T15

DIŞ ÇAP KANAL AÇMA TAKIMLARI

EXTERNAL GROOVING TOOLHOLDERS



Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)				Kesici Uç Insert	Yedek Parçaları Spare Parts			
	R	L	h=H	B	L	S		t _{max}	Sıkma Vidası Clamp Screw	Pul Stamp	Anahtar Allen Key
ADKT-123-R/L-1616-2-T15	●	●	16	16	100	16.3	15	SNDVK / 123 			
ADKT-123-R/L-2020-2-T15	●	●	20	20	125	20.3	15				
ADKT-123-R/L-2525-2-T15	●	●	25	25	150	25.3	15	3	2004-M8x1x20	-	AAL-05-4
ADKT-123-R/L-1616-3-T15	●	●	16	16	100	16.4	15				
ADKT-123-R/L-2020-3-T20	●	●	20	20	125	20.4	20	4	2004-M8x1x20	-	AAL-05-4
ADKT-123-R/L-2525-3-T22	●	●	25	25	150	25.4	22				
ADKT-123-R/L-2020-4-T20	●	●	20	20	125	20.4	20	5	2004-M8x1x20	-	AAL-05-4
ADKT-123-R/L-2525-4-T22	●	●	25	25	150	25.4	22				
ADKT-123-R/L-2020-5-T20	●	●	20	20	125	20.5	20	5	2004-M8x1x20	-	AAL-05-4
ADKT-123-R/L-2525-5-T25	●	●	25	25	150	25.5	25				

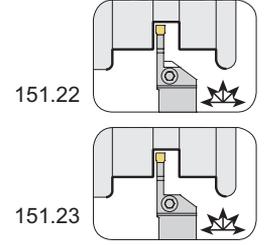
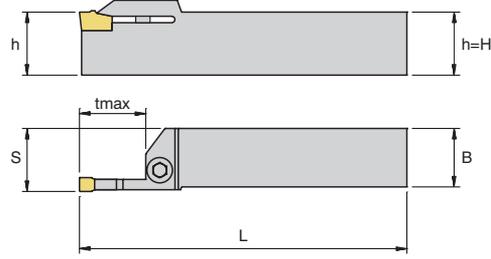


Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)				Kesici Uç Insert	Yedek Parçaları Spare Parts					
	R	L	h=H	B	L	S		t _{max}	Baskı Parçası Wedge Clamp	Sıkma Vidası Clamp Screw	Yay Spring	Pul Stamp	Anahtar Allen Key
ADKT-154.91-R/L-2020-3-T4	●	●	20	20	125	20.4	4	SNDVK / 154.91 					
ADKT-154.91-R/L-2525-3-T4	●	●	25	25	150	25.4	4						
ADKT-154.91-R/L-2020-5-T5	●	●	20	20	125	20.5	5	5	ACK-03	AKV-07-M6x20	-	-	AAL-03-3
ADKT-154.91-R/L-2525-5-T5	●	●	25	25	150	25.5	5						

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

Sipariş Örneği/Ordering Example : 1 ad./pcs. ADKT-154.91-R-2020-3-T4

DIŞ ÇAP KANAL AÇMA TAKIMLARI EXTERNAL GROOVING TOOLHOLDERS



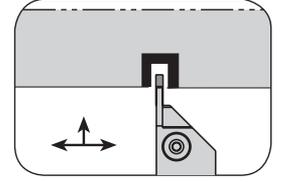
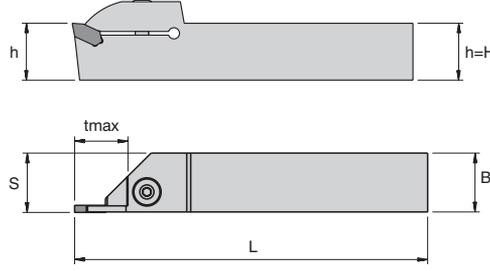
Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)				Kesici Uç Insert SNDVK / 151.2	Yedek Parçaları Spare Parts		
	R	L	h=H	B	L	S		Sıkma Vidası Clamp Screw	Pul Stamp	Anahtar Allen Key
ADKT-151.22-R/L-1616-2-T15	●	●	16	16	100	16.3	15	AKV-02-M6x20	ABPL-01	AAL-03-3
ADKT-151.22-R/L-2020-2-T15	●	●	20	20	125	20.3	2			
ADKT-151.22-R/L-2525-2-T15	●	●	25	25	150	25.3	15			
ADKT-151.22-R/L-1616-3-T15	●	●	16	16	100	16.4	15			
ADKT-151.22-R/L-2020-3-T20	●	●	20	20	125	20.4	20			
ADKT-151.22-R/L-2525-3-T22	●	●	25	25	150	25.4	22	2004-M8x1x20	-	AAL-05-4
ADKT-151.22-R/L-1616-4-T15	○	○	16	16	100	16.4	15			
ADKT-151.22-R/L-2020-4-T20	●	●	20	20	125	20.4	20			
ADKT-151.22-R/L-2525-4-T22	●	●	25	25	150	25.4	22			
ADKT-151.22-R/L-2020-5-T20	●	●	20	20	125	20.5	20			
ADKT-151.22-R/L-2525-5-T25	●	●	25	25	150	25.5	25	2004-M8x1x20	-	AAL-05-4
ADKT-151.23-R/L-1616-2-T15	○	○	16	16	100	16.3	15			
ADKT-151.23-R/L-2020-2-T15	●	●	20	20	125	20.3	15			
ADKT-151.23-R/L-2525-2-T15	●	○	25	25	150	25.3	15			
ADKT-151.23-R/L-1616-2.5-T15	○	○	16	16	100	16.3	15			
ADKT-151.23-R/L-2020-2.5-T15	●	○	20	20	125	20.3	15	2004-M8x1x20	-	AAL-05-4
ADKT-151.23-R/L-2525-2.5-T15	●	●	25	25	150	25.3	15			
ADKT-151.23-R/L-1212-3-T15	●	●	12	12	100	12.4	15			
ADKT-151.23-R/L-1616-3-T15	●	●	16	16	100	16.4	15			
ADKT-151.23-R/L-2020-3-T20	●	●	20	20	125	20.4	20			
ADKT-151.23-R/L-2525-3-T22	●	●	25	25	150	25.4	22	2004-M8x1x20	-	AAL-05-4
ADKT-151.23-R/L-1616-4-T15	●	○	16	16	100	16.4	15			
ADKT-151.23-R/L-2020-4-T20	●	●	20	20	125	20.4	20			
ADKT-151.23-R/L-2525-4-T22	●	○	25	25	150	25.4	22			
ADKT-151.23-R/L-2020-5-T20	●	●	20	20	125	20.5	20			
ADKT-151.23-R/L-2525-5-T25	●	●	25	25	150	25.5	25	2004-M8x1x20	-	AAL-05-4

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

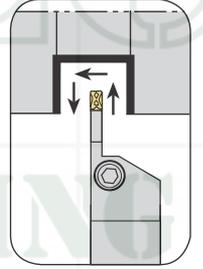
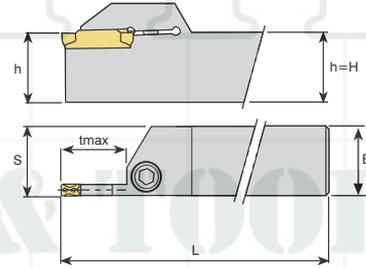
Sipariş Örneği/Ordering Example : 1 ad./pcs. ADKT-151.22-R-1616-2-T15

DIŞ ÇAP KANAL AÇMA TAKIMLARI

EXTERNAL GROOVING TOOLHOLDERS



Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)					Kesici Uç Insert	Yedek Parçaları Spare Parts		
	R	L	h=H	B	L	S	t max		Sıkma Vidası Clamp Screw	Pul Stamp	Anahtar Allen Key
ADKT-ARN-R/L-2020-2-T15	●	●	20	20	125	20.3	15	ARN / LOMR. 			
ADKT-ARN-R/L-2525-2-T15	●	●	25	25	150	25.3	15				
ADKT-ARN-R/L-2020-3-T20	●	●	20	20	125	20.4	20	3	2004-M8x1x20	-	AAL-05-4
ADKT-ARN-R/L-2525-3-T22	●	●	25	25	150	25.4	22				

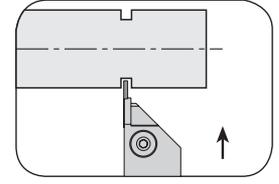
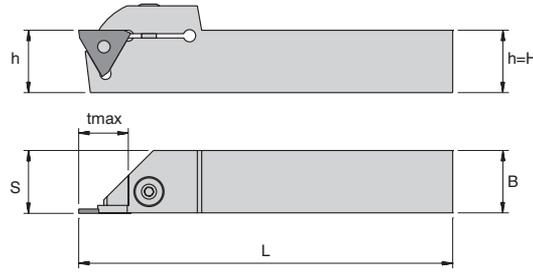


Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)					Kesici Uç Insert	Yedek Parçaları Spare Parts		
	R	L	h=H	B	L	S	t max		Sıkma Vidası Clamp Screw	Pul Stamp	Anahtar Allen Key
ADKT-TD-R/L-1212-2-T15	●	○	12	12	100	12.3	15	TGTC / TD. 			
ADKT-TD-R/L-1616-2-T15	●	●	16	16	100	16.3	15				
ADKT-TD-R/L-2020-2-T15	●	○	20	20	125	20.3	17	2	AKV-02-M6x20	ABPL-01	AAL-03-3
ADKT-TD-R/L-2525-2-T17	●	○	25	25	150	25.3	17				
ADKT-TD-R/L-1212-3-T15	●	○	12	12	100	12.3	15	3	2004-M8x1x20	-	AAL-05-4
ADKT-TD-R/L-1616-3-T15	●	●	16	16	100	16.4	15				
ADKT-TD-R/L-2020-3-T20	●	●	20	20	125	20.4	22				
ADKT-TD-R/L-2525-3-T22	●	●	25	25	150	25.4	22				

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

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

DIŞ ÇAP KANAL AÇMA TAKIMLARI EXTERNAL GROOVING TOOLHOLDERS



Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)				Kesici Uç Insert	Yedek Parçaları Spare Parts			
	R	L	h=H	B	L	S		t max	Sıkma Vidası Clamp Screw	Pul Stamp	Anahtar Allen Key
ADKT-H22-R/L-1616-(0.5-2)-T6	●	●	16	16	100	16.2	6	HRN / S312 			
ADKT-H22-R/L-2020-(0.5-2)-T6	●	●	20	20	125	20.2	6	(05-2)	2004-M8x1x20	-	AAL-05-4
ADKT-H22-R/L-2525-(0.5-2)-T6	●	●	25	25	150	25.2	6				

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

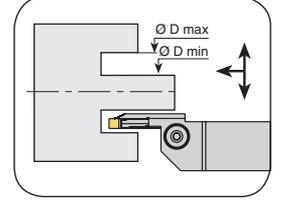
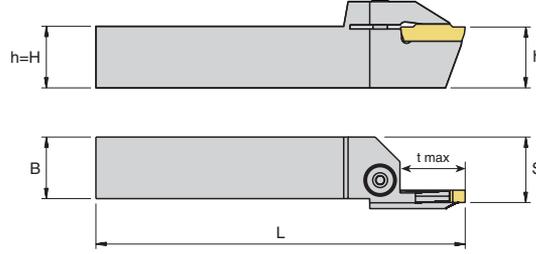
Sipariş Örneği/Ordering Example : 1 ad./pcs. ADKT-H22-R-1616-(0.5-2)-T6

TOOLS & TOOLING



DIŞ ÇAP ALIN KANAL AÇMA TAKIMLARI

FACE EXTERNAL GROOVING TOOLHOLDERS



Takım Kodu

Ordering Code

Stok
Stock

Kater Ölçüleri (mm)
Dimension (mm)

Kesici Uç
Insert

Yedek Parçaları
Spare Parts

Sıkma Vidası
Clamp Screw

Pul
Stamp

Anahtar
Allen Key

R	L	h=H	B	L	S	t max	Ø D min	Ø D max
●	●	25	25	150	26.5	17	34	45
●	●	25	25	150	26.5	17	39	55
●	●	25	25	150	26.5	17	49	80
●	●	25	25	150	26.5	17	70	110
●	●	25	25	150	26.5	17	100	150
●	●	25	25	150	26.5	22	50	85
●	●	25	25	150	26.5	22	70	110
●	●	25	25	150	26.5	22	100	150
●	●	25	25	150	26.5	25	70	110
●	●	25	25	150	26.5	25	100	150
●	●	25	25	150	26.5	25	140	200

KRLY / MGM.



2004-M8x1x20

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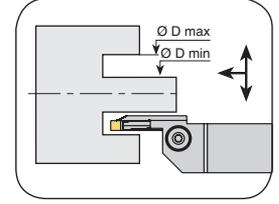
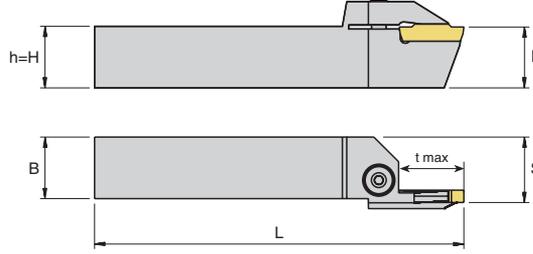
AAL-05-4

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

Sipariş Örneği/Ordering Example : 1 ad./pcs. AAKT-K-R-2525-Ø(34-45)-3-T17

DIŞ ÇAP ALIN KANAL AÇMA TAKIMLARI

FACE EXTERNAL GROOVING TOOLHOLDERS



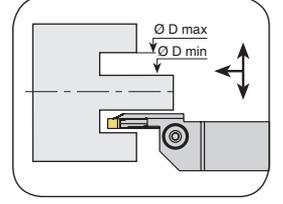
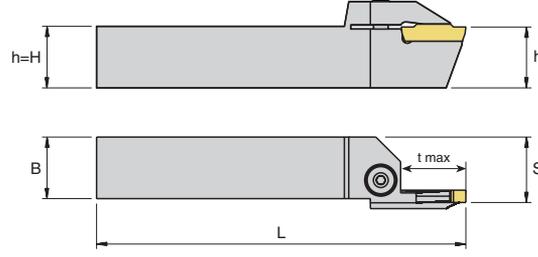
Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)						Kesici Uç Insert	Yedek Parçaları Spare Parts			
	R	L	h=H	B	L	S	t max	Ø D min		Ø D max	Sıkma Vidası Clamp Screw	Pul Stamp	Anahtar Allen Key
AAKT-ZCC2-R/L-2525-Ø(35-45)-3-T17	●	○	25	25	150	26.5	17	35	45	3			
AAKT-ZCC2-R-2525-Ø(39-55)-3-T17	●	○	25	25	150	26.5	17	39	55				
AAKT-ZCC2-R-2525-Ø(49-80)-3-T17	●	○	25	25	150	26.5	17	49	80				
AAKT-ZCC2-R/L-2525-Ø(70-110)-3-T17	●	○	25	25	150	26.5	17	70	110				
AAKT-ZCC2-R/L-2525-Ø(100-150)-3-T17	●	○	25	25	150	26.5	17	100	150				
AAKT-ZCC2-R/L-2525-Ø(40-60)-4-T22	●	○	25	25	150	26.5	22	40	60	4	2004-M8x1x20	-	AAL-05-4
AAKT-ZCC2-R/L-2525-Ø(52-80)-4-T22	●	○	25	25	150	26.5	22	52	80				
AAKT-ZCC2-R/L-2525-Ø(72-110)-4-T22	●	○	25	25	150	26.5	22	72	110				
AAKT-ZCC2-R/L-2525-Ø(100-150)-4-T22	●	○	25	25	150	26.5	22	100	150				
AAKT-ZCC2-R/L-2525-Ø(140-200)-4-T22	●	○	25	25	150	26.5	22	140	200				
AAKT-ZCC2-R/L-2525-Ø(55-95)-5-T25	●	○	25	25	150	26.5	25	55	95	5			
AAKT-ZCC2-R/L-2525-Ø(85-140)-5-T25	●	○	25	25	150	26.5	25	85	140				
AAKT-ZCC2-R/L-2525-Ø(130-200)-5-T25	●	○	25	25	150	26.5	25	130	200				
AAKT-ZCC2-R/L-2525-Ø(190-400)-5-T25	●	○	25	25	150	26.5	25	190	400				

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

Sipariş Örneği/Ordering Example : 1 ad./pcs. AAKT-ZCC2-R-2525-Ø(35-45)-3-T17

DIŞ ÇAP ALIN KANAL AÇMA TAKIMLARI

FACE EXTERNAL GROOVING TOOLHOLDERS



Takım Kodu
Ordering Code

Stok
Stock

Kater Ölçüleri (mm)
Dimension (mm)

Kesici Uç
Insert

Yedek Parçaları
Spare Parts

Sıkma Vidası
Clamp Screw

Pul
Stamp

Anahtar
Allen Key

R

L

h=H

B

L

S

t max

Ø D min

Ø D max

ISCR
GRP-DGN



AAKT-IG-R/L-2525-Ø(40-60)-4-T25

○

○

25

25

150

26.5

25

40

60

AAKT-IG-R/L-2525-Ø(52-80)-4-T25

○

○

25

25

150

26.5

25

52

80

AAKT-IG-R/L-2525-Ø(72-110)-4-T25

○

○

25

25

150

26.5

25

72

110

4

2004-M8x1x20

-

AAL-05-4

AAKT-IG-R/L-2525-Ø(100-150)-4-T25

○

○

25

25

150

26.5

25

100

150

AAKT-IG-R/L-2525-Ø(140-200)-4-T25

○

○

25

25

150

26.5

25

140

200

AAKT-IG-R/L-2525-Ø(200-800)-4-T25

○

○

25

25

150

26.5

25

200

800

AAKT-IG-R/L-2525-Ø(70-110)-5-T32

●

○

25

25

150

26.5

32

70

110

5

AAKT-IG-R/L-2525-Ø(110-200)-5-T32

●

○

25

25

150

26.5

32

110

200

AAKT-IG-R/L-2525-Ø(180-800)-5-T32

●

○

25

25

150

26.5

32

180

800

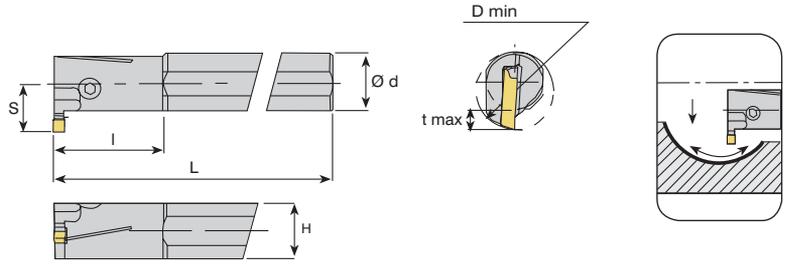
R: Sağ/Right L: Sol/Left ● Stokta/In Stock ○ Stokta Yok/Non Stock Item

Sipariş Örneği/Ordering Example : 1 ad./pcs. AAKT-IG-R/L-2525-Ø(70-110)-5-T32

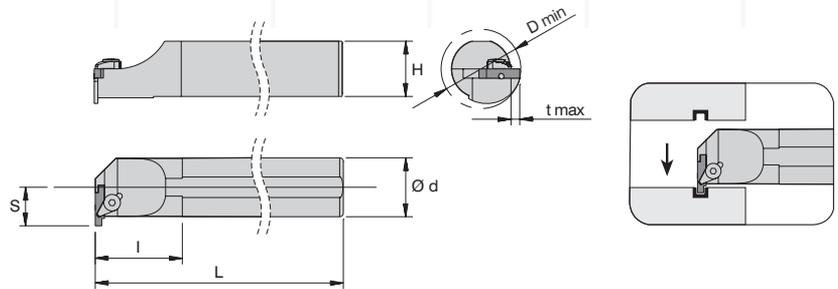


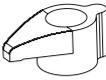
DELİK İÇİ KANAL AÇMA TAKIMLARI

INTERNAL GROOVING TOOLHOLDERS



Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)						Kesici Uç Insert	Yedek Parçaları Spare Parts		
	R	L	d	D	L	I	t _{max}	H		S	Sıkma Vidası Clamp Screw	Anahtar Allen Key
AIKT-K-R/L-16-2-T4	●	●	16	20	150	33	4	15	11.5	KRLY / MGM. 		
AIKT-K-R/L-20-2-T4	●	●	20	25	170	33	4	18	14.5		2	
AIKT-K-R/L-20-3-T6	●	●	20	25	170	33	6	18	15	3	2504-M5x16	
AIKT-K-R/L-25-3-T6	●	●	25	31	200	45	6	23	18.5		2504-M5x16	
AIKT-K-R/L-32-3-T6	●	●	32	37	250	49	6	30	22	4	2004-M8x1x20	AAL-05-4
AIKT-K-R/L-40-3-T6	●	○	40	45	300	54	6	37	27		2004-M8x1x20	
AIKT-K-R/L-20-4-T6	●	●	20	25	170	34	6	18	14	4	2504-M5x16	AAL-05-4
AIKT-K-R/L-25-4-T6	●	●	25	31	200	43	6	23	18.5		2504-M5x16	
AIKT-K-R/L-32-4-T6	●	●	32	37	250	43	6	30	22	5	2004-M8x1x20	
AIKT-K-R/L-40-4-T6	●	●	40	45	300	54	6	37	27		2004-M8x1x20	
AIKT-K-R/L-25-5-T7	●	●	25	31	200	43	7	23	18.5	5	2504-M5x16	
AIKT-K-R/L-32-5-T7	●	●	32	37	250	50	7	30	22		2504-M5x16	
AIKT-K-R/L-40-5-T7	●	●	40	45	300	54	7	37	27	5	2004-M8x1x20	



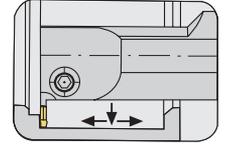
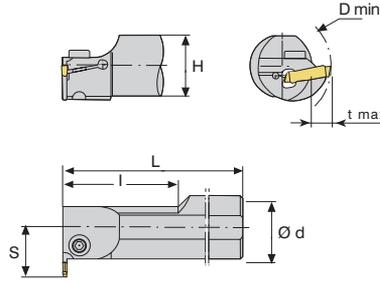
Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)						Kesici Uç Insert	Yedek Parçaları Spare Parts				
	R	L	d	D	L	I	t _{max}	H		S	Baskı Parçası Wedge Clamp	Sıkma Vidası Clamp Screw	Yay Spring	Anahtar Allen Key
AIKT-154.91-R/L-16-3-T4	●	●	16	20	150	38	4	15	10.5	SNDVK / 154.91 				
AIKT-154.91-R/L-20-3-T4	●	●	20	25	170	40	4	18	13.5					
AIKT-154.91-R/L-25-3-T4	●	●	25	31	200	42	4	23	16.5	5	ACK-03	AKV-07-M6x20	-	AAL-03-3
AIKT-154.91-R/L-25-5-T5	●	●	25	31	200	42	5	23	16.5					
AIKT-154.91-R/L-32-5-T5	●	●	32	39	250	49	5	30	21.5	5				

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

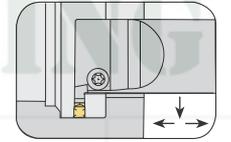
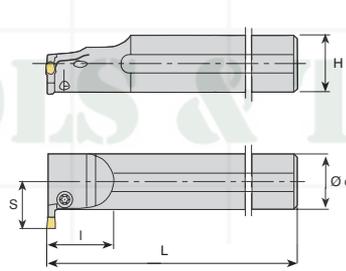
Sipariş Örneği/Ordering Example : 1 ad./pcs. AIKT-154.91-R-16-3-T4

DELİK İÇİ KANAL AÇMA TAKIMLARI

INTERNAL GROOVING TOOLHOLDERS



Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)						Kesici Uç Insert	Yedek Parçaları Spare Parts		
	R	L	d	D	L	I	t max	H		S	Sıkma Vidası Clamp Screw	Anahtar Allen Key
										HRN / S229		
AIKT-H-R/L-25-3-T7	●	●	25	31	200	43	7	23	18.9	3	2504-M5x16	AAL-05-4
AIKT-H-R/L-32-3-T7	●	○	32	37	250	65	7	30	21.5		2004-M8x1x20	
AIKT-H-R/L-40-3-T7	●	○	40	45	300	50	7	37	26.5	2504-M5x16		
AIKT-H-R/L-25-4-T7	●	○	25	31	200	40	7	23	18.9	4	2504-M5x16	
AIKT-H-R/L-32-4-T7	●	●	32	37	250	65	7	30	21.5		2004-M8x1x20	
AIKT-H-R/L-40-4-T7	●	○	40	45	300	50	7	37	26.5	2504-M5x16		
AIKT-H-R/L-25-5-T7	●	○	25	31	200	45	7	23	18.9	5	2504-M5x16	
AIKT-H-R/L-32-5-T7	●	○	32	37	250	50	7	30	21.5		2004-M8x1x20	
AIKT-H-R/L-40-5-T7	●	○	40	45	300	70	7	37	26.5	2004-M8x1x20		



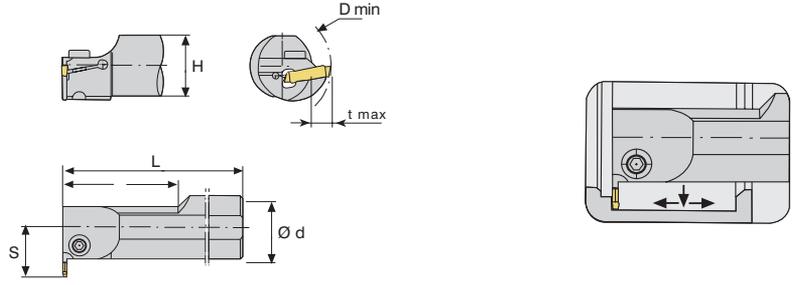
Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)						Kesici Uç Insert	Yedek Parçaları Spare Parts		
	R	L	d	D	L	I	t max	H		S	Sıkma Vidası Clamp Screw	Anahtar Allen Key
										HRN / S223-S224		
AIKT-HK-R/L-20-2-T6	●	○	20	25	170	32	6	18	15	2	2503-M4x16	AAL-03-3
AIKT-HK-R/L-25-2-T6	●	○	25	31	200	42	6	23	18.9		2504-M5x16	
AIKT-HK-R/L-20-3-T6	●	○	20	25	170	33	6	18	15	3	2504-M5x16	AAL-05-4
AIKT-HK-R/L-25-3-T6	●	○	25	31	200	43	6	23	18.9		2004-M8x1x20	
AIKT-HK-R/L-32-3-T6	●	○	32	37	250	50	6	30	21.5	2504-M5x16		
AIKT-HK-R/L-20-4-T6	●	○	20	25	170	34	6	18	15	4	2504-M5x16	
AIKT-HK-R/L-25-4-T6	●	○	25	31	200	40	6	23	18.9		2004-M8x1x20	
AIKT-HK-R/L-32-4-T6	●	○	32	37	250	50	6	30	21.5	2503-M4x16	AAL-03-3	
AIKT-HS223-R/L-20-2-T5	●	○	20	25	170	32	5	18	15	2		2504-M5x16
AIKT-HS223-R/L-25-2-T5	●	○	25	31	200	42	5	23	18		2503-M4x16	
AIKT-HS223-R/L-20-3-T6	●	○	20	25	170	32	6	18	15	3	2504-M5x16	AAL-05-4
AIKT-HS223-R/L-20-3-T6	●	○	25	31	200	42	6	23	18		2504-M5x16	

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

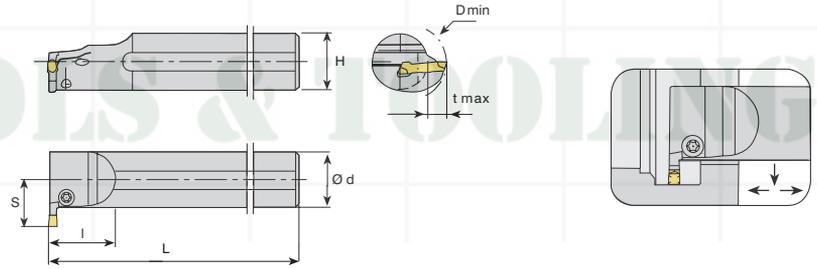
Sipariş Örneği/Ordering Example : 1 ad./pcs. AIKT-HK-R-20-2-T6

DELİK İÇİ KANAL AÇMA TAKIMLARI

INTERNAL GROOVING TOOLHOLDERS



Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)						Kesici Uç Insert	Yedek Parçaları Spare Parts		
	R	L	d	D	L	I	t _{max}	H		S	Sıkma Vidası Clamp Screw	Anahtar Allen Key
AIKT-KM-R/L-20-2-T7	●	○	20	25	200	40	7	18	13	2 		AAL-05-4
AIKT-KM-R/L-20-3-T7	●	○	20	25	200	40	7	18	13			
AIKT-KM-R/L-25-3-T10	●	○	25	32	200	50	10	23	17	3 		AAL-07-5
AIKT-KM-R/L-32-3-T12	●	○	32	40	250	64	12	30	22			
AIKT-KM-R/L-40-3-T12	●	○	40	52	300	80	12	37	30	4 		AAL-05-4
AIKT-KM-R/L-20-4-T7	●	○	20	25	200	40	7	18	13			



Takım Kodu Ordering Code	Stok Stock		Kater Ölçüleri (mm) Dimension (mm)						Kesici Uç Insert	Yedek Parçaları Spare Parts		
	R	L	d	D	L	I	t _{max}	H		S	Sıkma Vidası Clamp Screw	Anahtar Allen Key
AIKT-ZCC2-R/L-20-3-T5	●	○	20	25	170	32	5	18	15	3 		AAL-05-4
AIKT-ZCC2-R/L-25-3-T5	●	○	25	31	200	42	5	23	18			
AIKT-ZCC2-R/L-32-3-T6	●	○	32	45	250	42	6	30	22	4 		AAL-05-4
AIKT-ZCC2-R/L-25-4-T6	●	○	25	31	200	42	6	23	18			
AIKT-ZCC2-R/L-32-4-T7	●	○	32	37	250	42	7	30	22	5 		AAL-05-4
AIKT-ZCC2-R/L-32-5-T8	●	○	32	37	250	42	8	30	22			
AIKT-ZCC2-R/L-40-5-T8	●	○	40	45	300	53	8	37	27			

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

Sipariş Örneği/Ordering Example : 1 ad./pcs. AIKT-ZCC2-R-20-3-T5