



EURSLEY

TORNALAMA

TURNING



C

N

M

G

12

04

08

MP

1

2

3

4

5

6

7

8

Kesici Uç Şekli
Insert Shape

Kesici Uç Boşluk
Açısı
Relief Angle

Tolerans
Tolerance

Kesit Tipi
Cross Section Type

Kesme Kenar
Uzunluğu
Cutting Edge Length,
Diameter Of Inscribed Circle

Kesici Uç Kalınlığı
Height of Cutting
Edge

Köşe Radyüsü
Nose Radius
(Nose R)

Talaş Kırıcı Form
Chip Breaker for Turning

1 Kesici Uç Şekli / Insert Shape

C N M G C 12 04 08 MP

C D E K L R S T V W

2 Kesici Uç Boşluk Açısı / Relief Angle

C N M G C 12 04 08 MP

B C D E F N P O

4 Kesit Tipi / Cross Section Type

C N M G C 12 04 08 MP

A B C F G H J M N Q R T U W X

3 Tolerans / Tolerance

C N M G C 12 04 08 MP

d m t

Class	d	m	t
A	± 0.025	± 0.005	± 0.025
C	± 0.025	± 0.013	± 0.025
H	± 0.013	± 0.013	± 0.025
E	± 0.025	± 0.025	± 0.025
G	± 0.025	± 0.025	± 0.013
J *	± 0.05~±0.15	± 0.005	± 0.025
K *	± 0.05~±0.15	± 0.013	± 0.025
L *	± 0.05~±0.15	± 0.025	± 0.025
M *	± 0.05~±0.15	± 0.08~±0.20	± 0.13
N *	± 0.05~±0.15	± 0.08~±0.18	± 0.025
U *	± 0.08~±0.25	± 0.13~±0.38	± 0.13

* Kenarları taşlanmamış kesici uçlar içindir.
*Sides are based on unground insert

C, E, H, M, O, P, R, S, T, W Tip Kesici Uçların Toleransları (Özel Durumlar)
Tolerance on C, E, H, M, O, P, R, S, T, W Insert Shape (Exceptional Case)

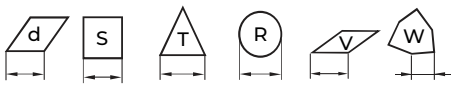
d	Tolerans d		Tolerans m	
	J, K, L, M, N	U	M, N	U
6.35	± 0.05	± 0.08	± 0.08	± 0.13
9.525	± 0.05	± 0.08	± 0.08	± 0.13
12.7	± 0.08	± 0.13	± 0.13	± 0.20
15.875	± 0.10	± 0.18	± 0.15	± 0.27
19.05	± 0.10	± 0.18	± 0.15	± 0.27
25.4	± 0.13	± 0.25	± 0.18	± 0.38

D Tipi Kesici Uçların Toleransları (Özel Durumlar)
Tolerance on D Insert Shape (Exceptional Case)

d	Tolerans d	Tolerans m
6.35	± 0.05	± 0.11
9.525	± 0.05	± 0.11
12.7	± 0.08	± 0.15
15.875	± 0.10	± 0.18
19.05	± 0.10	± 0.18

5 Kesme Kenar Uzunluğu
Cutting Edge Length, Diam. of Inscribed Circle

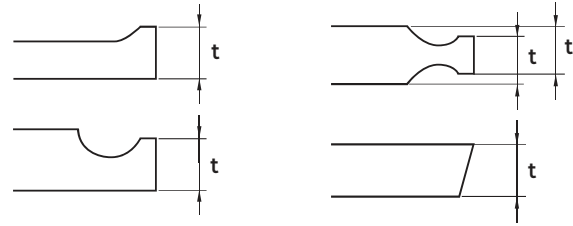
C N M G C 12 04 08 MP



Metrik / Metric						Inç	d(mm)
04	03	06	03	-	02	1.2 (5)	3.97
05	04	08	04	08	S3	1.5 (6)	4.76
06	05	09	05	09	03	1.8 (7)	5.56
-	-	-	06	-	-	-	6.00
07	06	11	06	11	04	2	6.35
09	07	13	07	13	05	2.5	7.94
-	-	-	08	-	-	-	8.00
11	09	16	09	16	06	3	9.525
-	-	-	10	-	-	-	10.00
13	11	19	11	19	07	3.5	11.11
-	-	-	12	-	-	-	12.00
15	12	22	12	22	08	4	12.70
17	14	24	14	24	09	4.5	14.29
19	15	27	15	27	10	5	15.875
-	-	-	16	-	-	-	16.00
21	17	30	17	30	11	5.5	17.46
23	19	33	19	33	13	6	19.05
-	-	-	20	-	-	-	20.00
27	22	38	22	38	15	7	22.225
-	-	-	25	-	-	-	25.00
31	25	44	25	44	17	8	25.40
38	31	54	31	54	21	10	31.75
-	-	-	32	-	-	-	32.00

6 Kesici Uç Kalınlığı
Height of Cutting Edge

C N M G C 12 04 08 MP

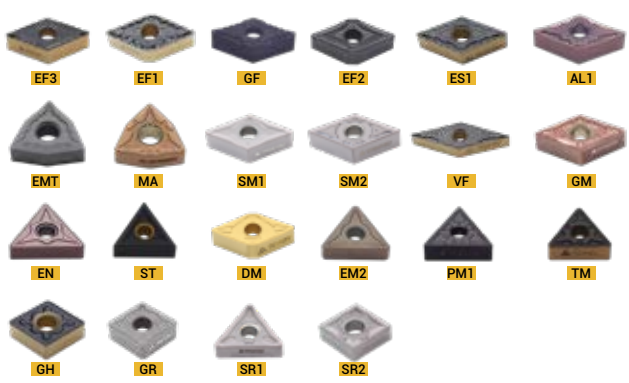


Sembol / Symbol		Kesme kenarın yüksekliği (t) Height of Cutting Edge (t)	
Metrik / Metric	Inç	mm	Inç
01	1(2)	1.59	1/16
T0	1.125	1.79	9/128
T1	1.2	1.98	5/64
02	1.5(3)	2.38	3/32
T2	1.75	2.78	7/64
03	2	3.18	1/8
T3	2.5	3.97	5/32
04	3	4.76	3/16
05	3.5	5.56	7/32
06	4	6.35	1/4
07	5	7.94	5/16
09	6	9.52	3/8
11	7	11.11	7/16
12	8	12.70	1/2


5 Kesme Kenar Uzunluğu
Cutting Edge Length, Diam. of Inscribed Circle

C N M G C 12 04 08 MP

ISO Değiştirilebilir Uçlar -Pozitif / ISO Indexable Inserts -Positive

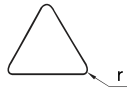


ISO Değiştirilebilir Uçlar -Negatif / ISO Indexable Inserts -Negative

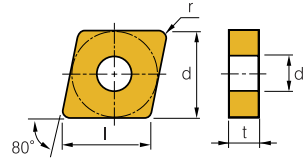


5 Kesme Kenar Uzunluğu
Cutting Edge Length, Diam. of Inscribed Circle

C N M G C 12 04 08 MP



Sembol / Symbol		Köşe Radyüsü Corner Radius	
Metrik / Metric	Inç	Metrik / Metric	Inç
003	0.1	0.03	0.001
005	0.13	0.05	0.002
01	0.2	0.1	0.004
02	0.5	0.2	0.008
04	1	0.04	1/64
08	2	0.8	1/32
T2	3	1.2	3/64
16	4	1.6	1/16
20	5	2.0	5/64
24	6	2.4	3/32
28	7	2.8	7/64
32	8	3.2	1/8
00	-	Dairesel kesici uç (Inç)	
M0	-	Dairesel kesici uç (Metrik)	

NEGATİF UÇLAR
CNM...


Boyutlar (mm)			
Ölçü	d	t	d ₁
12	12.7	4.76	5.16
16	15.875	6.35	6.35
19	19.05	6.35	7.93
25	25.4	9.52	9.12

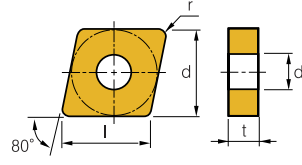
ÜRÜN GÖRSELİ	CB	ISO	Vc	P		M		K		N		S		U		H																				
				ap (mm)	fn (mm/dev)	300 (180-420)	250 (220-280)	250 (120-360)	230 (120-340)	200 (100-300)	700 (500-800)	450 (300-600)	50 (35-65)	40 (20-80)	200 (120-280)	200 (120-280)	190 (110-270)	190 (110-270)	190 (110-270)	170 (100-240)	100 (70-130)	100 (70-130)														
				UÇ KODU INSERT CODE	TC1110	TC1120	TC1130	TP2110	TP2120	TP2130	TC2310	TC2320	TC2330	TP2310	TP2320	TP2330	TC2210	TC2220	TC2230	TN7501	TN7505	TP2410	TP2420	TC0630	TC1630	TP1630	TP2630	TP4630	TP4640	TP4410	TP1410					
	.	CNMA 120404	1,00-6,00	0,15-0,60										•	•																					
		CNMA 120408	1,00-6,00	0,15-0,60											•	•																				
		CNMA 120412	1,50-6,00	0,15-0,70											•	•																				
		CNMA 160608	2,00-6,00	0,15-0,70											•	•																				
		CNMA 160612	2,00-6,00	0,15-0,70											•	•																				
	EF2	CNMG 120404	0,50-1,50	0,07-0,30							•	•									•	•					•	•								
		CNMG 120408	0,50-1,50	0,10-0,40							•	•	•									•	•				•	•								
		CNMG 120412	0,60-1,50	0,10-0,50									□	□									□	□				•	•							
	PW	CNMG 120408	0,80-4,00	0,08-0,30	○	○								○	○																					
		CNMG 120412	0,80-4,00	0,05-0,30	○	○									○	○																				
	AL	CNMG 120404	0,30-2,00	0,10-0,35																		•	•													
		CNMG 120408	0,50-3,00	0,15-0,40																			•	•												
		CNMG 120412	0,50-3,00	0,15-0,45																			•	•												
	EH	CNMG 120404	0,50-1,50	0,07-0,30	•	•																														
		CNMG 120408	0,50-1,50	0,10-0,40	•	•	•																													
		CNMG 120412	0,60-1,50	0,10-0,50	□	□	□																													
	MA	CNMG 120404	0,80-3,50	0,05-0,20																		•	•			□	□	□				□	□			
		CNMG 120408	0,80-3,50	0,10-0,40																			•	•			•	•	•				•	•		
		CNMG 120412	0,80-3,50	0,13-0,55																						□		□	□					□		
	PM1	CNMG 120404	0,90-5,00	0,05-0,30	•	•	•							•	•	•																				
		CNMG 120408	1,00-5,00	0,10-0,50	•	•	•								•	•	•																			
		CNMG 120412	1,00-5,00	0,18-0,50																																
		CNMG 160608	0,90-5,00	0,05-0,30	•	•									•	•	•																			
		CNMG 160612	1,00-5,00	0,10-0,50	•	•									•	•	•																			
		CNMG 160616	1,00-5,00	0,18-0,50	•	•									•	•	•																			
	DM	CNMG 120408	1,00-5,00	0,10-0,50	•	•	•							•	•	•																				
		CNMG 120412	1,00-5,00	0,18-0,50											•	•	•																			
		CNMG 160608	0,90-5,00	0,05-0,30	•	•									•	•	•																			
		CNMG 160612	1,00-5,00	0,10-0,50	•	•	•								•	•	•																			
		CNMG 190608	0,50-8,60	0,15-0,70	•	•									•	•	•																			
		CNMG 190612	0,80-8,60	0,18-0,60	•	•									•	•	•																			

• Stok ürün | Stock item






○ Stok dışı ürün | Non stock item

□ Özel ürün | Special order

CNM...



Boyutlar (mm)			
Ölçü	d	t	d ₁
12	12,7	4,76	5,16
16	15,875	6,35	6,35
19	19,05	6,35	7,93
25	25,4	9,52	9,12

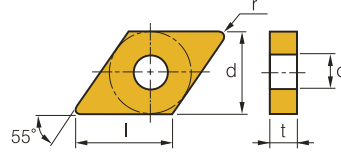
ÜRÜN GÖRSELİ	CB	ISO	P M K N S U H																												
			Vc		P				M				K		N		S		U			H									
			ap (mm)	fn (mm/dev)	TC110 (300(180-420))	TC1120 (250 (140-360))	TC1130 (200 (110-290))	TP2110 (300(180-420))	TP2120 (250 (140-360))	TP2130 (200 (110-290))	TC2310 (250(220-280))	TC2320 (215 (190-240))	TC2330 (180 (160-200))	TP2310 (160(100-220))	TP2320 (150(100-200))	TP2330 (130(80-180))	TC2210 (250(120-380))	TC2220 (230(120-340))	TC2230 (200(100-300))	TN7501 (700 (500-800))	TN7505 (450 (300-600))	TP2410 (50 (35-65))	TP2420 (40 (20-80))	TC0630 (200 (120-280))	TC1630 (200 (120-280))	TP1630 (190 (110-270))	TP2630 (190 (110-270))	TP4630 (190 (110-270))	TP4640 (170 (100-240))	TP4410 (100 (70-130))	TP1410 (100 (70-130))
UÇ KODU INSERT CODE	ap (mm)	fn (mm/dev)	TC110 (300(180-420))	TC1120 (250 (140-360))	TC1130 (200 (110-290))	TP2110 (300(180-420))	TP2120 (250 (140-360))	TP2130 (200 (110-290))	TC2310 (250(220-280))	TC2320 (215 (190-240))	TC2330 (180 (160-200))	TP2310 (160(100-220))	TP2320 (150(100-200))	TP2330 (130(80-180))	TC2210 (250(120-380))	TC2220 (230(120-340))	TC2230 (200(100-300))	TN7501 (700 (500-800))	TN7505 (450 (300-600))	TP2410 (50 (35-65))	TP2420 (40 (20-80))	TC0630 (200 (120-280))	TC1630 (200 (120-280))	TP1630 (190 (110-270))	TP2630 (190 (110-270))	TP4630 (190 (110-270))	TP4640 (170 (100-240))	TP4410 (100 (70-130))	TP1410 (100 (70-130))		
	EM2	CNMG 120404	0,90-5,00	0,05-0,30						●	●	●									●	●				●	●				
		CNMG 120408	1,00-5,00	0,10-0,50							●	●	●									●	●				●	●	●		
		CNMG 120412	1,00-5,00	0,18-0,50							○	○	○									○	○					●	●		
		CNMG 190612	0,50-8,50	0,15-0,60							○	○	○									○	○					●	●		
		CNMG 190616	0,50-8,50	0,18-0,65							○	○	○									○	○					●	●		
	TM	CNMG 120404	0,90-5,00	0,05-0,30	●	●	●																								
		CNMG 120408	1,00-5,00	0,10-0,50	●	●	●																								
		CNMG 120412	1,00-5,00	0,18-0,50	●	●	●																								
	ST	CNMG 120404	1,00-5,00	0,17-0,45	●	●										●	●								○	○					
		CNMG 120408	1,50-5,00	0,23-0,60	●	●	●										●	●	●							○	○	○			
		CNMG 120412	2,00-5,00	0,25-0,60	●	●												●	●									○	○		
		CNMG 160608	2,00-6,50	0,25-0,60	●	●	●											●	●	●							○	○	○		
		CNMG 160612	2,00-6,50	0,27-0,60	●	●	●											●	●	●								○	○	○	
		CNMG 160616	2,50-8,00	0,30-0,75	●	●												●	●								○	○			
	DR	CNMG 120408	1,00-5,00	0,10-0,50	●	●	●									○	○	○													
		CNMG 120412	1,00-5,00	0,18-0,50	●	●												○	○												
		CNMG 160612	1,00-5,00	0,10-0,50	●	●												○	○												
		CNMG 160616	1,00-5,00	0,18-0,50	●	●												○	○												
		CNMG 190612	1,00-10,00	0,25-0,70	●	●												○	○												
		CNMG 190616	1,50-10,00	0,30-0,80	●	●												○	○												
	ER	CNMM 250724	5,00-12,0	0,55-1,20	●	●										○	○														
		CNMM 250924	5,00-12,0	0,55-1,20	●	●											○	○													
		CNMM 250925	2,00-12,5	0,02-1,20	●	●											○	○													

● Stok ürün | Stock item

○ Stok dışı ürün | Non stock item

□ Özel ürün | Special order

DNM...



Boyutlar (mm)			
Ölçü	d	t	d ₁
15	12.7	4.76-6.35	5.16

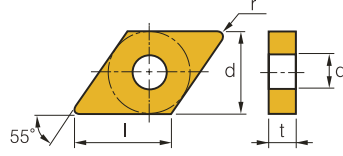
ÜRÜN GÖRSELİ	CB	ISO		P						M				K		N		S		U				H								
			Vc																													
		UÇ KODU INSERT CODE	ap (mm)	f _n (mm/dev)	TC110	TC120	TC130	TP210	TP220	TP230	TP240	TP250	TP260	TP270	TP280	TP290	TC210	TC220	TC230	TN7501	TN7505	TP2410	TP2420	TC0630	TC1630	TP1630	TP2630	TP4630	TP4640	TP1410	TP1410	
	·	DNMA 150404	0,40-4,00	0,17-0,55											•	•																
		DNMA 150408	0,80-4,00	0,17-0,55												•	•	•														
		DNMA 150604	1,00-6,00	0,15-0,60												•	•	•														
		DNMA 150608	1,00-6,00	0,15-0,60												•	•	•														
		DNMA 150612	1,50-6,00	0,15-0,70												•	•	•														
	E1	DNMG 150608	0,20-1,50	0,10-0,35	•	•	•																									
		DNMG 150612	0,20-1,50	0,10-0,35	□	□	□																									
	E2	DNMG 150604	0,50-1,50	0,07-0,30						•	•										•	•					•	•				
		DNMG 150608	0,50-1,50	0,10-0,40						•	•	•										•	•					•	•			
	PW	DNMG 150608	0,80-4,00	0,08-0,30	○	○						○	○		○	○																
		DNMG 150612	1,00-5,00	0,18-0,50	○	○							○	○		○	○															
	E3	DNMG 150608	0,50-3,00	0,15-0,40	•	•	•																									
		DNMG 150612	0,50-3,00	0,15-0,45	•	•																										
	MA	DNMG 150604	0,90-5,00	0,05-0,30							□	□	□								□	□										
		DNMG 150608	1,00-5,00	0,10-0,50								□	□	□								□	□									
		DNMG 150612	1,00-5,00	0,18-0,50								□	□									□	□									
	TF	DNMG 150608	0,50-1,50	0,10-0,40	•	•	•			•	•	•									•	•				•	•		○	○		
		DNMG 150612	0,60-1,50	0,10-0,50	□	□	□					□	□	□								□	□				□	□		○	○	
	R/L	DNMG 150604	0,90-5,00	0,05-0,30	•	•					□	□									□	□				•	•					
		DNMG 150608	1,00-5,00	0,10-0,50	•	•	•					□	□	□								□	□				•	•	•			

• Stok ürün | Stock item

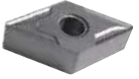



○ Stok dışı ürün | Non stock item

□ Özel ürün | Special order

DNM...



Boyutlar (mm)			
Ölçü	d	t	d ₁
11	9.525	4.76	3.81
15	12.7	4.76-6.35	5.16

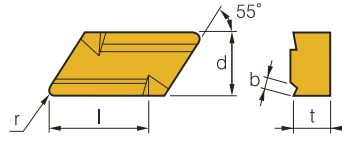
ÜRÜN GÖRSELİ	CB	ISO		P						M				K		N		S		U				H								
		UÇ KODU INSERT CODE	ap (mm)	f _n (mm/dev)	TC110	TC110	TC110	TP210	TP210	TP210	TC230	TC230	TC230	TP230	TP230	TP230	TC220	TC220	TC220	TN750	TN750	TP240	TP240	TC060	TC160	TP160	TP260	TP460	TP440	TP140		
					300 (180-420)	250 (140-360)	200 (110-290)	300 (180-420)	250 (140-360)	200 (110-290)	250 (220-280)	215 (190-240)	180 (160-200)	160 (100-220)	150 (100-200)	130 (80-180)	250 (120-380)	230 (120-340)	200 (100-300)	700 (500-800)	450 (300-600)	50 (35-65)	40 (20-80)	200 (120-280)	200 (120-280)	190 (110-270)	190 (110-270)	190 (110-270)	170 (100-240)	100 (70-130)	100 (70-130)	
	EL	DNMG 110404	0,30-2,00	0,10-0,18																												
		DNMG 110408	0,50-4,00	0,18-0,40																												
		DNMG 150404	0,30-2,00	0,10-0,18																												
		DNMG 150408	0,50-4,00	0,20-0,45																												
		DNMG 150604	0,90-5,00	0,05-0,30																												
	TM	DNMG 150404	0,90-5,00	0,05-0,30	•	•	•																									
		DNMG 150608	1,00-5,00	0,10-0,50	•	•	•																									
		DNMG 150612	1,00-5,00	0,18-0,50	□	□																										
	PMI	DNMG 110404	0,40-5,00	0,10-0,30	•	•	•									○	○	○														
		DNMG 110408	0,50-5,00	0,15-0,50	•	•	•										○	○	○													
		DNMG 150404	0,40-6,00	0,10-0,30	•	•	•										○	○	○													
		DNMG 150408	0,50-6,00	0,15-0,50	•	•	•										○	○	○													
		DNMG 150412	0,80-6,00	0,18-0,60	•	•	•										○	○	○													
		DNMG 150604	0,90-5,00	0,05-0,30	•	•	•										○	○	○													
		DNMG 150608	1,00-5,00	0,10-0,50	•	•	•										○	○	○													
		DNMG 150612	1,00-5,00	0,18-0,50	•	•	•										○	○	○													
	DR	DNMG 150608	1,50-5,00	0,23-0,60	•	•	•								•	•	•															
		DNMG 150612	2,00-5,00	0,25-0,60	•	•										•	•															

• Stok ürün | Stock item



○ Stok dışı ürün | Non stock item

□ Özel ürün | Special order

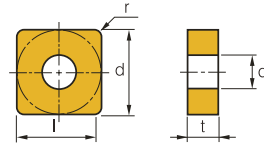
KNUX




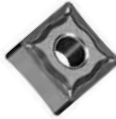

Boyutlar (mm)		
Ölçü	d	t
16	9.525	4.76

ÜRÜN GÖRSELİ	CB	ISO		P						M				K	N	S	U				H													
		UÇ KODU INSERT CODE	ap (mm)	fn (mm/dev)	Vc		300(180-420)	250(140-360)	200(110-290)	300(180-420)	250(140-360)	200(110-290)	250(220-280)	215(190-240)	180(160-200)	160(100-220)	150(100-200)	130(80-180)	250(120-380)	230(120-340)	200(100-300)	700(500-800)	450(300-600)	50(35-65)	40(20-80)	200(120-280)	200(120-280)	190(110-270)	190(110-270)	190(110-270)	170(100-240)	100(70-130)	100(70-130)	
					TC1110	TC1120																												TC1130
	T1	KNUX 160405R11	1,00-6,00	0,20-0,35	●	●	●																					●	●	●				
		KNUX 160410R11	1,50-6,00	0,30-0,60	●	●	●																						●	●	●			
		KNUX 160405L11	1,00-6,00	0,20-0,35	●	●	●																						●	●	●			
		KNUX 160410L11	1,50-6,00	0,30-0,60	●	●	●																						●	●	●			
	T2	KNUX 160405R12	1,50-6,00	0,25-0,35	●	●	●																					●	●	●				
		KNUX 160410R12	1,50-6,00	0,40-0,70	●	●	●																					●	●	●				
		KNUX 160405L12	1,50-6,00	0,25-0,35	●	●	●																					●	●	●				
		KNUX 160410L12	1,50-6,00	0,40-0,70	●	●	●																					●	●	●				

SNM...



Boyutlar (mm)			
Ölçü	d	t	d ₁
12	12.7	4.76	5.16
15	15.875	6.35	6.35
25	25.4	6.35-9.52	9.12

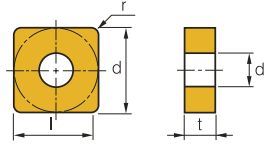
ÜRÜN GÖRSELİ	CB	ISO		P						M				K	N	S	U				H																
		UÇ KODU INSERT CODE	ap (mm)	fn (mm/dev)	Vc		300(180-420)	250(140-360)	200(110-290)	300(180-420)	250(140-360)	200(110-290)	250(220-280)	215(190-240)	180(160-200)	160(100-220)	150(100-200)	130(80-180)	250(120-380)	230(120-340)	200(100-300)	700(500-800)	450(300-600)	50(35-65)	40(20-80)	200(120-280)	200(120-280)	190(110-270)	190(110-270)	190(110-270)	170(100-240)	100(70-130)	100(70-130)				
					TC1110	TC1120																												TC1130	TP2110	TP2120	TP2130
	.	SNMA 120404	1,00-5,00	0,15-0,60																																	
		SNMA 120408	1,00-6,00	0,15-0,70																																	
		SNMA 120412	0,60-1,50	0,10-0,50																																	
		SNMA 150608	0,80-7,00	0,10-0,50																																	
		SNMA 150612	2,00-8,00	0,20-0,80																																	
	EF2	SNMG 120404	0,80-3,00	0,05-0,30								●	●												●	●											
		SNMG 120408	0,50-1,50	0,07-0,30								●	●												●	●											
	AL	SNMG 120404	1,00-4,00	0,12-0,35																				●	●	●	●										
		SNMG 120408	0,50-1,50	0,07-0,30																					●	●	●	●									
		SNMG 120412	0,50-1,50	0,10-0,40																																	

● Stok ürün | Stock item


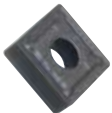
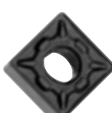
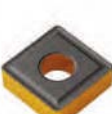


○ Stok dışı ürün | Non stock item

□ Özel ürün | Special order

SNM...



Boyutlar (mm)			
Ölçü	d	t	d ₁
12	12.7	4.76	5.16
15	15.875	6.35	6.35
19	19.05	4.76-6.35	6.35
25	25.4	6.35-9.52	9.12

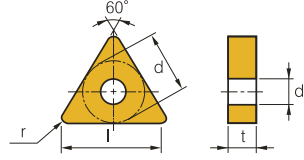
ÜRÜN GÖRSELİ	CB	ISO	Vc	P			M			K		N		S		U				H							
				UÇ KODU INSERT CODE	ap (mm)	f _n (mm/dev)	TC110	TC120	TC130	TP210	TP220	TP230	TC230	TC220	TC230	TN7501	TN7505	TP240	TP240	TC0630	TC1630	TP1630	TP2630	TP4630	TP4640	TP4410	TP1410
							300(180-420)	250 (140-360)	200 (110-290)	300(180-420)	250 (140-360)	200 (110-290)	250(220-280)	215 (190-240)	180 (160-200)	160(100-220)	150(100-200)	130(80-180)	250(120-380)	230(120-340)	200(100-300)	700 (500-800)	450 (300-600)	50 (35-65)	40 (20-80)	200 (120-280)	200 (120-280)
	MA	SNMG 120404	1,00-400	0,20-0,50																							
		SNMG 120408	0,80-3,50	0,05-0,20																							
		SNMG 120412	0,80-3,50	0,10-0,40																							
	PMI	SNMG 120408	0,90-5,00	0,05-0,30	•	•	•																				
		SNMG 120412	1,00-5,00	0,10-0,50	•	•																					
		SNMG 150612	1,00-5,00	0,18-0,50	•	•																					
		SNMM 250924	0,90-5,00	0,05-0,30	•	•																					
	DM	SNMG 120404	0,40-6,00	0,10-0,30	•	•	•																				
		SNMG 120408	0,10-1,00	0,05-0,25	•	•	•																				
		SNMG 150608	0,80-7,50	0,10-0,50	•	•																					
		SNMG 150612	0,20-1,50	0,10-0,35	•	•																					
		SNMG 190612	1,00-9,00	0,18-0,60	•	•																					
	ST	SNMG 120408	1,50-5,00	0,23-0,60	•	•	•																				
		SNMG 120412	2,00-5,00	0,25-0,60	•	•																					
		SNMG 150612	2,00-6,50	0,27-0,60	•	•																					
		SNMG 190612	3,00-8,00	0,30-0,60	•	•																					
	DR	SNMG 120408	1,50-5,00	0,23-0,60	•	•	•																				
		SNMG 150612	2,00-6,50	0,25-0,60	•	•																					
		SNMG 150616	1,50-8,00	0,30-0,80	•	•	•																				
		SNMG 190612	1,00-10,00	0,25-0,70	•	•																					
		SNMG 190616	1,50-10,00	0,30-0,80	•	•																					
	ER	SNMM 120408	1,00-5,00	0,10-0,50	o	o	o																				
		SNMM 120412	1,00-5,00	0,18-0,50	o	o																					
		SNMM 150612	1,00-5,00	0,10-0,50	o	o	o																				
		SNMM 250924	1,00-5,00	0,18-0,50	o	o																					

• Stok ürün | Stock item

o Stok dışı ürün | Non stock item

□ Özel ürün | Special order

TNM...



Boyutlar (mm)			
Ölçü	d	t	d ₁
16	9,525	4,76	3,81
22	12,7	4,76	5,16

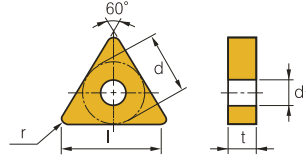
ÜRÜN GÖRSELİ	CB	ISO	Vc	P			M			K		N		S		U				H																
				ap (mm)	fn (mm/dev)	TC1110 300(180-420)	TC1120 250(140-360)	TC1130 200(110-290)	TP2110 300(180-420)	TP2120 250(140-360)	TP2130 200(110-290)	TC2310 250(220-280)	TC2320 215(190-240)	TC2330 180(160-200)	TP2310 160(100-220)	TP2320 150(100-200)	TP2330 130(80-180)	TC2210 250(120-380)	TC2220 230(120-340)	TC2230 200(100-300)	TN7501 700(500-800)	TN7505 450(300-600)	TP2410 50(35-65)	TP2420 40(20-80)	TC0630 200(120-280)	TC1630 200(120-280)	TP1630 190(110-270)	TP2630 190(110-270)	TP4630 190(110-270)	TP4640 170(100-240)	TP4410 100(70-130)	TP1410 100(70-130)				
	.	TNMA 160404	1,00-6,00	0,15-0,60							•	•																								
		TNMA 160408	1,00-6,00	0,15-0,60								•	•	•																						
		TNMA 160412	1,50-6,00	0,15-0,70								•	•	•																						
		TNMA 220404	1,00-4,00	0,10-0,35								•	•																							
		TNMA 220408	1,50-5,00	0,15-0,40								•	•																							
		TNMA 220412	1,50-6,00	0,20-0,50								•	•																							
	EF2	TNMG 160404	0,50-1,50	0,07-0,30						•	•	•						•	•													•	•			
		TNMG 160408	0,50-1,50	0,10-0,40						•	•								•	•													•	•		
		TNMG 220404	0,50-2,50	0,05-0,25							•	•	•							•	•													•	•	
		TNMG 220408	0,50-2,50	0,10-0,40							•	•								•	•														•	•
	PW	TNMG 160408	0,80-4,00	0,05-0,30	○ ○						○ ○																									
		TNMG 160412	0,80-4,00	0,15-0,45	○ ○							○ ○																								
	AL	TNMG 160404	0,80-3,50	0,05-0,20														•	•	•																
		TNMG 160408	0,80-3,50	0,10-0,40															•	•	•															
		TNMG 160412	0,80-3,50	0,13-0,55															•	•	•	•														
		TNMG 220408	0,80-3,50	0,10-0,40																•	•															
	EH	TNMG 160404	0,50-1,50	0,07-0,30	• • •						• • •																							• •		
		TNMG 160408	0,50-1,50	0,10-0,40	• • •							• • •																							• •	
		TNMG 160412	0,60-1,50	0,10-0,50	□ □							□ □																								• •
	ESI	TNMG 160408	0,50-3,00	0,15-0,45	□ □																															
		TNMG 160412	0,50-3,00	0,15-0,45	•																															
		TNMG 220408	0,50-3,00	0,20-0,55	□ □																															
		TNMG 220412	0,50-3,00	0,14-0,40	•																															
	MA	TNMG 160404	1,00-5,00	0,10-0,50							•							•	•															• •		
		TNMG 160408	1,00-5,00	0,18-0,50								•							•	•															• •	
		TNMG 160412	1,00-5,00	0,10-0,50																															• •	
	R/L	TNMX 160404	1,00-5,00	0,10-0,50		•																												•		
		TNMX 160408	1,00-5,00	0,18-0,50		•																												•		

• Stok ürün | Stock item




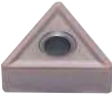

○ Stok dışı ürün | Non stock item

□ Özel ürün | Special order

TNM...



Boyutlar (mm)			
Ölçü	d	t	d ₁
16	9,525	4,76	3,81
22	12,7	4,76	5,16

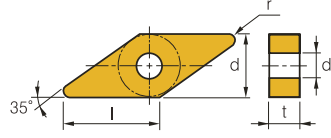
ÜRÜN GÖRSELİ	CB	ISO	Vc	P			M			K		N		S		U			H																
				TC1110 300 (180-420)	TC1120 250 (140-360)	TC1130 200 (110-290)	TP2110 300 (180-420)	TP2120 250 (140-360)	TP2130 200 (110-290)	TC2310 250 (220-280)	TC2320 215 (190-240)	TC2330 180 (160-200)	TP2310 160 (100-220)	TP2320 150 (100-200)	TP2330 130 (80-180)	TC2210 250 (120-380)	TC2220 230 (120-340)	TC2230 200 (100-300)	TN7501 700 (500-800)	TN7505 450 (300-600)	TP2410 50 (35-65)	TP2420 40 (20-80)	TC0630 200 (120-280)	TC1630 200 (120-280)	TP1630 190 (110-270)	TP2630 190 (110-270)	TP4630 190 (110-270)	TP4640 170 (100-240)	TP4410 100 (70-130)	TP1410 100 (70-130)					
ap (mm)	fn (mm/dev)	TC1110	TC1120	TC1130	TP2110	TP2120	TP2130	TC2310	TC2320	TC2330	TP2310	TP2320	TP2330	TC2210	TC2220	TC2230	TN7501	TN7505	TP2410	TP2420	TC0630	TC1630	TP1630	TP2630	TP4630	TP4640	TP4410	TP1410							
	PMI	TNMG 160404	1,00-5,00	0,10-0,50	•	•	•							○	○	○																			
		TNMG 160408	1,00-5,00	0,18-0,50	•	•	•								○	○	○																		
		TNMG 160412	1,00-5,00	0,10-0,50	•	•	•								○	○	○																		
		TNMG 220404	0,40-6,60	0,10-0,30	•	•	•								○	○	○																		
		TNMG 220408	1,00-5,00	0,18-0,50	•	•	•								○	○	○																		
		TNMG 220412	0,80-6,60	0,18-0,60	•	•	•								○	○	○																		
	DM	TNMG 160404	0,10-1,00	0,05-0,25	•	•	•							•	•	•																			
		TNMG 160408	0,20-1,50	0,10-0,35	•	•	•								•	•	•																		
		TNMG 160412	0,20-1,50	0,10-0,35	•	•									•	•																			
		TNMG 220408	0,20-1,50	0,10-0,35	•	•	•								•	•	•																		
	TM	TNMG 160404	1,00-5,00	0,10-0,50	•	•	•																												
		TNMG 160408	1,00-5,00	0,18-0,50	•	•	•																												
		TNMG 160412	1,00-5,00	0,10-0,50	•	•																													
	ST	TNMG 160404	1,50-5,00	0,23-0,60	○	○	○							•	•	•										•	•	•							
		TNMG 160408	2,00-5,00	0,25-0,60	○	○	○								•	•	•										•	•	•						
		TNMG 160412	2,00-6,50	0,27-0,60	○	○									•	•											•	•							
		TNMG 220404	1,50-5,00	0,17-0,45	○	○	○								•	•	•											•	•	•					
		TNMG 220408	2,50-8,00	0,30-0,75	○	○									•	•	•											•	•						
		TNMG 220412	2,00-5,00	0,25-0,55	○	○	○								•	•	•											•	•	•					
	MR	TNMG 160408	1,00-5,00	0,18-0,50										•	•																				
		TNMG 160412	1,00-5,00	0,10-0,50											•	•	•																		
		TNMG 220412	1,00-5,00	0,10-0,50											•	•																			
		TNMG 220416	2,00-7,00	0,25-0,60											•	•	•																		

• Stok ürün | Stock item






○ Stok dışı ürün | Non stock item

□ Özel ürün | Special order

VNM...



Boyutlar (mm)			
Ölçü	d	t	d ₁
16	9,525	4,76	3,81

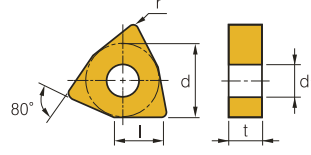
ÜRÜN GÖRSELİ	CB	ISO	Vc	P										M					K		N		S		U				H								
				UÇ KODU INSERT CODE	ap (mm)	fn (mm/dev)	TC1110	TC1120	TC1130	TP2110	TP2120	TP2130	TC2310	TC2320	TC2330	TP2310	TP2320	TP2330	TC2210	TC2220	TC2230	TN7501	TN7505	TP2410	TP2420	TC0630	TC1630	TP1630	TP2630	TP4630	TP4640	TP4410	TP1410				
				300 (180-420)	250 (140-360)	200 (110-290)	300 (180-420)	250 (140-360)	200 (110-290)	250 (220-280)	215 (190-240)	180 (160-200)	160 (100-220)	150 (100-200)	130 (80-180)	250 (120-380)	230 (120-340)	200 (100-300)	700 (500-800)	450 (300-600)	50 (35-65)	40 (20-80)	200 (120-280)	200 (120-280)	190 (110-270)	190 (110-270)	190 (110-270)	170 (100-240)	100 (70-130)	100 (70-130)							
•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•			
	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•			
		VNMA 160404	1,00-6,00	0,15-0,60																																	
	AL	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
		VNMG 160404	0,80-3,50	0,05-0,20																																	
	PMI	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
		VNMG 160404	0,90-5,00	0,05-0,30	•																																
	TM	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
		VNMG 160408	1,00-5,00	0,10-0,50	•	•																															
		VNMG 160412	1,00-5,00	0,20-0,50	•	•																															
	ST	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
		VNMG 160404	0,30-2,00	0,10-0,35	•	•																															
		VNMG 160408	0,50-3,00	0,15-0,40	•	•																															
VNMG 160412	0,30-2,00	0,10-0,20	•	•																																	

• Stok ürün | Stock item









○ Stok dışı ürün | Non stock item

□ Özel ürün | Special order

WNM...



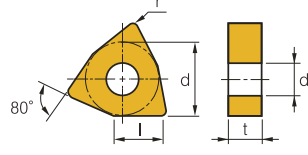
Boyutlar (mm)			
Ölçü	d	t	d ₁
06	9.525	4.76	3.81
08	12.7	4.76	5.16

ÜRÜN GÖRSELİ	CB	ISO		P			M			K	N	S	U			H																	
		UÇ KODU INSERT CODE	ap (mm)	Vc fn (mm/dev)	300(180-420)	250(140-360)	200(110-290)	300(180-420)	250(140-360)	200(110-290)	250(220-280)	215(190-240)	180(160-200)	160(100-220)	150(100-200)	130(80-180)	250(120-380)	230(120-340)	200(100-300)	700(500-800)	450(300-600)	50(35-65)	40(20-80)	200(120-280)	200(120-280)	190(110-270)	190(110-270)	190(110-270)	170(100-240)	100(70-130)	100(70-130)		
					TC1110	TC1120	TC1130	TP2110	TP2120	TP2130	TC2310	TC2320	TC2330	TP2310	TP2320	TP2330	TC2210	TC2220	TC2230	TN7501	TN7505	TP2410	TP2420	TC0630	TC1630	TP1630	TP2630	TP4630	TP4640	TP4440	TP1410		
	.	WNMA 060404	0,50-3,00	0,10-0,30												o	o																
		WNMA 060408	0,50-3,00	0,10-0,30													o	o	o														
		WNMA 080404	1,00-6,00	0,15-0,60													•	•	•														
		WNMA 080408	1,00-6,00	0,15-0,60													•	•	•														
		WNMA 080412	1,50-6,00	0,15-0,70													•	•	•														
	EF2	WNMG 060404	0,10-1,50	0,05-0,30																													
		WNMG 060408	0,50-1,50	0,10-0,40																													
		WNMG 080404	0,50-1,50	0,07-0,30																													
		WNMG 080408	0,50-1,50	0,10-0,40																													
	PW	WNMG 060404	0,50-3,50	0,05-0,30																													
		WNMG 080404	0,50-3,50	0,05-0,30	□	□										□	□																
		WNMG 080408	0,80-4,00	0,08-0,30	□	□										□	□																
		WNMG 080412	1,00-5,00	0,18-0,50																													
	AL	WNMG 080404	0,10-1,00	0,05-0,25																													
		WNMG 080408	0,20-1,50	0,10-0,35																													
	EH	WNMG 080404	0,50-1,50	0,07-0,30	•	•																											
		WNMG 080408	0,50-1,50	0,10-0,40	•	•	•																										
		WNMG 080412	0,60-1,50	0,10-0,50	□	□	□																										
	MA	WNMG 080404	0,90-5,00	0,05-0,30																													
		WNMG 080408	1,00-5,00	0,10-0,50																													
		WNMG 080412	1,00-5,00	0,18-0,50																													
	TF	WNMG 080404	0,50-1,50	0,07-0,30	•	•																											
		WNMG 080408	0,50-1,50	0,10-0,40	•	•																											
		WNMG 080412	0,60-1,50	0,10-0,50	•	•	•																										
	EM1	WNMG 080404	0,90-5,00	0,05-0,30	•	•																											
		WNMG 080408	1,00-5,00	0,10-0,50	•	•	•																										
		WNMG 080412	1,00-5,00	0,18-0,50	•	•																											

• Stok ürün | Stock item

o Stok dışı ürün | Non stock item

□ Özel ürün | Special order



Ölçü	Boyutlar (mm)		
	d	t	d ₁
06	9,525	4,76	3,81
08	12,7	4,76	5,16

WNM...

ÜRÜN GÖRSELİ	CB	ISO	P													M			K		N		S		U				H					
			Vc																															
			UÇ KODU INSERT CODE	ap (mm)	fn (mm/dev)	TC1110	TC1120	TC1130	TP2110	TP2120	TP2130	TC2310	TC2320	TC2330	TP2310	TP2320	TP2330	TC2210	TC2220	TC2230	TN7501	TN7505	TP2410	TP2420	TC0630	TC1630	TP1630	TP2630	TP4630	TP4640	TP4410	TP1410		
	EM2	WNMG 080404	0,30-2,00	0,10-0,35																														
		WNMG 080408	0,50-3,00	0,15-0,40												•	•					•	•					•	•					
		WNMG 080412	0,50-3,00	0,15-0,45												•	•	•				•	•					•	•					
	PM1	WNMG 060404	0,90-5,00	0,05-0,30	•	•	•											o	o	o														
		WNMG 060408	1,00-5,00	0,10-0,50	•	•	•												o	o	o													
		WNMG 080404	0,90-5,00	0,05-0,30	•	•	•																											
		WNMG 080408	1,00-5,00	0,10-0,50	•	•	•													o	o	o												
		WNMG 080412	1,00-5,00	0,18-0,50	•	•														o	o	o												
	TM	WNMG 080404	0,90-5,00	0,05-0,30	•	•	•																											
		WNMG 080408	1,00-5,00	0,10-0,50	•	•	•																											
		WNMG 080412	1,00-5,00	0,18-0,50	•	•																												
	ST	WNMG 080404	1,00-5,00	0,17-0,45													•	•										•	•					
		WNMG 080408	1,50-5,00	0,23-0,60													•	•	•									•	•	•				
		WNMG 080412	2,00-5,00	0,25-0,60														•	•									•	•					
	DR	WNMG 080408	1,50-5,00	0,23-0,60	•	•	•										•	•	•															
		WNMG 080412	2,00-5,00	0,25-0,60	•	•												•	•															
	MR	WNMG 080408	1,00-5,00	0,10-0,50													•	•	•															
		WNMG 080412	1,00-5,00	0,18-0,50														•	•															

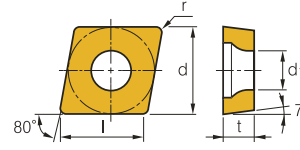
• Stok ürün | Stock item

o Stok dışı ürün | Non stock item




□ Özel ürün | Special order

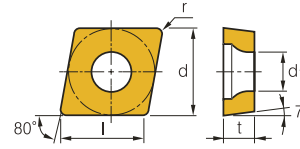
POZİTİF UÇLAR

CCGT





Ölçü	Boyutlar (mm)		
	d	t	d ₁
06	6.35	2.38	2.8
09	9.525	3.97	4.4
12	12.7	4.76	5.5

ÜRÜN GÖRSELİ	CB	ISO	Vc	P		M		K		N		S		U		H															
				ap (mm)	f _n (mm/dev)	TC110	TC120	TC130	TP210	TP220	TP230	TC230	TC220	TC230	TN7501	TN7505	TP2410	TP2420	TC0630	TC1630	TP1630	TP2630	TP4630	TP4640	TP4410	TP1410					
	AL1	CCGT 060202	0,05-3,00	0,01-0,12							•	•	o	o												□	□				
		CCGT 060204	0,10-3,00	0,02-0,15								•	•	o	o													□	□		
		CCGT 060208	0,10-4,00	0,02-0,20									•	•	o	o													□	□	
		CCGT 09T302	0,05-3,00	0,01-0,12									•	•	o	o													□	□	
		CCGT 09T304	0,10-5,00	0,02-0,30																											
		CCGT 09T308	0,10-5,00	0,03-0,50																											
	AL2	CCGT 120402	0,05-4,00	0,01-0,12																											
		CCGT 120404	0,10-5,00	0,02-0,15																											
		CCGT 060202	0,08-0,80	0,04-0,10									•	•	o	o												□	□		
		CCGT 09T302	0,10-1,00	0,04-0,12									•	•	o	o												□	□		
	PF1	CCMT 09T304	0,10-5,00	0,02-0,30								•	•	o	o																
		CCMT 09T308	0,10-5,00	0,03-0,50									•	•	o	o															
	PF2	CCMT 060202	0,08-0,80	0,04-0,10	•	•						•	•																		
		CCMT 060204	0,08-0,90	0,04-0,10	•	•							•	•																	
		CCMT 09T304	0,10-1,00	0,05-0,10	•	•							•	•																	
		CCMT 09T308	0,10-1,00	0,08-0,15	•	•							•	•																	
		CCMT 120404	0,30-1,50	0,06-0,12	•	•							•	•																	
		CCMT 120408	0,30-1,50	0,08-0,15	•	•							•	•																	



Ölçü	Boyutlar (mm)		
	d	t	d ₁
06	6.35	2.38	2.8
09	9.525	3.97	4.4
12	12.7	4.76	5.5

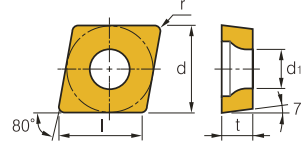
ÜRÜN GÖRSELİ	CB	ISO	Vc	P		M		K		N		S		U		H														
				ap (mm)	f _n (mm/dev)	TC110	TC120	TC130	TP210	TP220	TP230	TC230	TC220	TC230	TN7501	TN7505	TP2410	TP2420	TC0630	TC1630	TP1630	TP2630	TP4630	TP4640	TP4410	TP1410				
	PF1	CCMT 060204	0,10-3,00	0,02-0,15			•	•					•	•																
		CCMT 09T302	0,05-3,00	0,02-0,20										•	•															
		CCMT 09T304	0,10-5,00	0,02-0,30										•	•															
		CCMT 09T308	0,10-5,00	0,03-0,50										•	•															
		CCMT 120404	0,10-5,00	0,03-0,50										•	•															
	PF2	CCMT 060202	0,08-0,80	0,04-0,10	•	•						•	•																	
		CCMT 060204	0,08-0,90	0,04-0,10	•	•							•	•																
		CCMT 09T304	0,10-1,00	0,05-0,10	•	•							•	•																
		CCMT 09T308	0,10-1,00	0,08-0,15	•	•							•	•																
		CCMT 120404	0,30-1,50	0,06-0,12	•	•							•	•																
		CCMT 120408	0,30-1,50	0,08-0,15	•	•							•	•																

• Stok ürün | Stock item



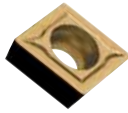

o Stok dışı ürün | Non stock item

□ Özel ürün | Special order

CCMT



Boyutlar (mm)			
Ölçü	d	t	d ₁
06	6.35	2.38	2.8
09	9.525	3.97	4.4
12	12.7	4.76	5.5

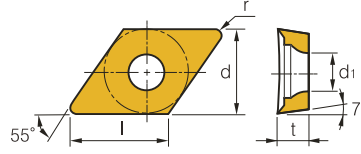
ÜRÜN GÖRSELİ	CB	ISO		P						M			K		N		S		U				H															
		UÇ KODU INSERT CODE	ap (mm)	f _n (mm/dev)	Vc		300 (180-420)	250 (140-360)	200 (110-290)	300 (180-420)	250 (140-360)	200 (110-290)	250 (220-280)	215 (190-240)	180 (160-200)	160 (100-220)	150 (100-200)	130 (80-180)	250 (120-380)	230 (120-340)	200 (100-300)	700 (500-800)	450 (300-600)	50 (35-65)	40 (20-80)	200 (120-280)	200 (120-280)	190 (110-270)	190 (110-270)	190 (110-270)	170 (100-240)	100 (70-130)	100 (70-130)					
					TC110	TC110																												TC110	TP210	TP210	TP210	TC230
	PS1	CCMT 060204	0,30-1,00	0,10-0,25	● ●													● ●																				
		CCMT 060208	0,20-3,00	0,08-0,20	● ●														● ●																			
		CCMT 09T304	0,30-1,50	0,05-0,20	● ●															● ●																		
		CCMT 09T308	0,30-1,50	0,10-0,25	● ●															● ●																		
		CCMT 120404	0,30-2,00	0,07-0,22	● ●															● ●																		
		CCMT 120408	0,30-2,00	0,07-0,22	● ●															● ●																		
	PS2	CCMT 060202	0,50-2,50	0,05-0,20	○ ○							○ ○																										
		CCMT 060204	0,80-3,00	0,08-0,25	● ●								● ●																									
		CCMT 060208	0,50-2,50	0,05-0,20	○ ○								○ ○																									
		CCMT 09T304	0,80-3,00	0,08-0,25	● ●								● ●																									
		CCMT 09T308	1,00-3,00	0,10-0,30	○ ○								○ ○																									
		CCMT 120404	0,80-3,00	0,10-0,32	○ ○								○ ○																									
		CCMT 120408	1,20-3,50	0,12-0,36	○ ○								○ ○																									
	ST	CCMT 060204	0,60-2,00	0,05-0,15	● ●													● ●																				
		CCMT 060208	0,80-2,30	0,07-0,20	● ●														● ●																			
		CCMT 09T304	0,80-3,00	0,08-0,25	● ●														● ●																			
		CCMT 09T308	1,00-3,00	0,10-0,30	● ●														● ●																			
		CCMT 120404	0,80-3,00	0,10-0,32	● ●														● ●																			
		CCMT 120408	1,20-3,50	0,12-0,36	● ●														● ●																			
	EMT	CCMT 09T304	0,70-3,50	0,10-0,25								● ●										● ●																
		CCMT 09T308	1,00-3,50	0,13-0,30									● ●										● ●															

● Stok ürün | Stock item


○ Stok dışı ürün | Non stock item

□ Özel ürün | Special order

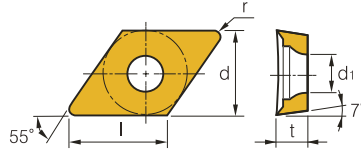
DCGT






Boyutlar (mm)			
Ölçü	d	t	d ₁
07	6.35	2.38	2.8
11	9.525	3.97	4.4

ÜRÜN GÖRSELİ	CB	ISO		P			M			K		N		S		U			H																			
		UÇ KODU INSERT CODE	ap (mm)	fn (mm/dev)	TC1110	TC1120	TC1130	TP2110	TP2120	TP2130	TC2310	TC2320	TC2330	TP2310	TP2320	TP2330	TC2210	TC2220	TC2230	TN7501	TN7505	TP2410	TP2420	TC0630	TC1630	TP1630	TP2630	TP4630	TP4640	TP4410	TP1410							
	AL1	DCGT 070202	0,05-3,00	0,01-0,12																																		
		DCGT 070204	0,10-3,00	0,02-0,15																																		
		DCGT 11T302	0,05-3,00	0,02-0,20																																		
		DCGT 11T304	0,10-5,00	0,02-0,30																																		
		DCGT 11T308	0,10-5,00	0,03-0,50																																		
	AL2	DCGT 070202	0,08-0,80	0,04-0,10																																		
		DCGT 070204	0,08-0,90	0,04-0,10																																		
		DCGT 11T302	0,10-1,00	0,04-0,12																																		
		DCGT 11T304	0,10-1,00	0,05-0,10																																		
		DCGT 11T308	0,10-1,00	0,08-0,15																																		

DCMT



Boyutlar (mm)			
Ölçü	d	t	d ₁
07	6.35	2.38	2.8
11	9.525	3.97	4.4

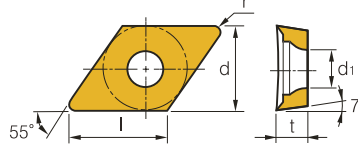
ÜRÜN GÖRSELİ	CB	ISO		P			M			K		N		S		U			H																			
		UÇ KODU INSERT CODE	ap (mm)	fn (mm/dev)	TC1110	TC1120	TC1130	TP2110	TP2120	TP2130	TC2310	TC2320	TC2330	TP2310	TP2320	TP2330	TC2210	TC2220	TC2230	TN7501	TN7505	TP2410	TP2420	TC0630	TC1630	TP1630	TP2630	TP4630	TP4640	TP4410	TP1410							
	PFT	DCMT 070204	0,08-0,90	0,04-0,10																																		
		DCMT 070208	0,10-1,00	0,04-0,12																																		
		DCMT 11T304	0,10-1,00	0,08-0,15																																		
		DCMT 11T308	0,30-1,50	0,06-0,12																																		
	EH	DCMT 070204	0,08-0,90	0,04-0,10	•	•	•																															
		DCMT 070208	0,10-1,00	0,06-0,12	•	•	•																															
		DCMT 11T304	0,10-1,00	0,08-0,15	•	•	•																															
		DCMT 11T308	0,30-1,50	0,06-0,12	•	•	•																															
	PSI	DCMT 070204	0,10-1,50	0,06-0,20	•	•										o	o																					
		DCMT 070208	0,10-1,50	0,06-0,12	•	•											o	o																				
		DCMT 11T304	0,30-2,00	0,08-0,20	•	•											o	o																				
		DCMT 11T308	0,20-2,00	0,08-0,22	•	•											o	o																				

• Stok ürün | Stock item


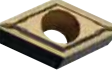
o Stok dışı ürün | Non stock item

□ Özel ürün | Special order

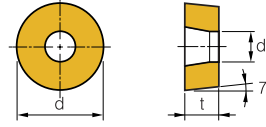
DCMT




Boyutlar (mm)			
Ölçü	d	t	d ₁
07	6.35	2.38	2.8
11	9.525	3.97	4.4

ÜRÜN GÖRSELİ	CB	ISO	Vc	P				M				K		N		S		U				H									
				TC1110	TC1120	TC1130	TP2110	TP2120	TP2130	TC2310	TC2320	TC2330	TP2310	TP2320	TP2330	TC2210	TC2220	TC2230	TN7501	TN7505	TP2410	TP2420	TC0630	TC1630	TP1630	TP2630	TP4630	TP4640	TP4410	TP1410	
UÇ KODU INSERT CODE	ap (mm)	f _n (mm/dev)	TC1110	TC1120	TC1130	TP2110	TP2120	TP2130	TC2310	TC2320	TC2330	TP2310	TP2320	TP2330	TC2210	TC2220	TC2230	TN7501	TN7505	TP2410	TP2420	TC0630	TC1630	TP1630	TP2630	TP4630	TP4640	TP4410	TP1410		
	PS2	DCMT 070204	0,80-3,00	0,08-0,25	●	●																									
		DCMT 070208	0,50-2,50	0,05-0,20	●	●																									
		DCMT 11T304	1,00-3,00	0,10-0,30	●	●																									
		DCMT 11T308	0,80-3,00	0,10-0,32	●	●																									
	ST	DCMT 070204	0,20-2,30	0,05-0,15	○	○									●	●										●	●				
		DCMT 070208	0,40-2,30	0,08-0,24	○	○										●	●										●	●			
		DCMT 11T304	1,20-3,00	0,08-0,22	○	○										●	●										●	●			
		DCMT 11T308	0,50-3,00	0,10-0,30	○	○										●	●										●	●			

RCMX



Boyutlar (mm)			
Ölçü	d	t	d ₁
12	12,0	4,76	4,2
16	16,0	6,35	5,2
20	20,0	6,35	6,5
25	25,0	7,94	7,25

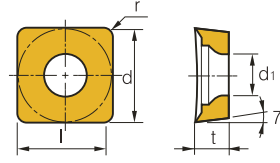
ÜRÜN GÖRSELİ	CB	ISO	Vc	P				M				K		N		S		U				H									
				TC1110	TC1120	TC1130	TP2110	TP2120	TP2130	TC2310	TC2320	TC2330	TP2310	TP2320	TP2330	TC2210	TC2220	TC2230	TN7501	TN7505	TP2410	TP2420	TC0630	TC1630	TP1630	TP2630	TP4630	TP4640	TP4410	TP1410	
UÇ KODU INSERT CODE	ap (mm)	f _n (mm/dev)	TC1110	TC1120	TC1130	TP2110	TP2120	TP2130	TC2310	TC2320	TC2330	TP2310	TP2320	TP2330	TC2210	TC2220	TC2230	TN7501	TN7505	TP2410	TP2420	TC0630	TC1630	TP1630	TP2630	TP4630	TP4640	TP4410	TP1410		
		RCMX 1204MO	2,50-5,00	0,30-0,60	●	●									●	●								○	○						
		RCMX 1606MO	3,00-7,00	0,40-0,70	●	●										●	●								○	○					
		RCMX 2006MO	3,50-9,00	0,48-0,90	●	●										●	●								○	○					
		RCMX 2507MO	4,00-12,00	0,55-1,20	○	○										●	●								○	○					

● Stok ürün | Stock item






○ Stok dışı ürün | Non stock item

□ Özel ürün | Special order

SC...



Boyutlar (mm)			
Ölçü	d	t	d ₁
09	9.525	3.97	4.4
12	12.7	4.76	5.5

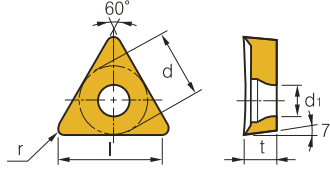
ÜRÜN GÖRSELİ	CB	ISO		P					M					K		N		S		U					H			
		UÇ KODU INSERT CODE	ap (mm)	fn (mm/dev)	Vc					Vc					250 (120-380)	230 (120-340)	200 (100-300)	700 (500-800)	450 (300-600)	50 (35-65)	40 (20-80)	Vc					100 (70-130)	100 (70-130)
					300 (180-420)	250 (140-360)	200 (110-290)	300 (180-420)	250 (140-360)	200 (110-290)	250 (220-280)	215 (190-240)	180 (160-200)	160 (100-220)								150 (100-200)	130 (80-180)	200 (120-280)	200 (120-280)	190 (110-270)		
	ALI	SCGT 09T302	0,10-4,00	0,02-0,30																								
		SCGT 09T304	0,10-5,00	0,04-0,40																								
		SCGT 09T308	0,10-5,00	0,03-0,40																								
		SCGT 120404	0,05-3,00	0,01-0,12																								
		SCGT 120408	0,10-3,00	0,02-0,15																								
	AL2	SCMT 09T304	0,50-6,00	0,04-0,50																								
		SCMT 09T308	0,50-6,50	0,04-0,50																								
		SCGT 120404	0,50-6,50	0,05-0,60																								
		SCGT 120408	0,30-1,00	0,10-0,25																								
	PFI	SCMT 09T304	0,10-2,00	0,62-0,20																								
		SCMT 09T308	0,15-2,00	0,08-0,30																								
	PSI	SCMT 09T304	0,30-3,00	0,05-0,35	•	•																						
		SCMT 09T308	0,10-1,50	0,06-0,12	•	•																						
		SCMT 120404	0,30-3,00	0,05-0,35	•	•																						
		SCMT 120408	0,10-1,50	0,06-0,20	•	•																						
	ST	SCMT 09T304	0,30-3,00	0,08-0,23	o	o																						
		SCMT 09T308	0,20-1,40	0,04-0,18	o	o																						
		SCMT 120404	0,30-3,60	0,09-0,27	o	o																						
		SCMT 120408	0,08-0,90	0,04-0,10	o	o																						

• Stok ürün | Stock item


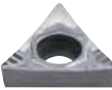



o Stok dışı ürün | Non stock item

□ Özel ürün | Special order

TC...



Boyutlar (mm)			
Ölçü	d	t	d ₁
9	5.56	2.38	2.5
11	6.35	2.38	2.8
16	9.525	3.77	4.4

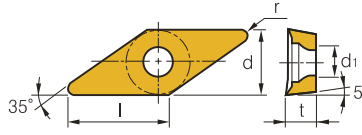
ÜRÜN GÖRSELİ	CB	ISO	Vc	P						M				K		N		S		U				H														
				UÇ KODU INSERT CODE	ap (mm)	f _n (mm/dev)	300(180-420)	250(140-360)	200(110-290)	300(180-420)	250(140-360)	200(110-290)	250(220-280)	215(190-240)	180(160-200)	160(100-220)	150(100-200)	130(80-180)	250(120-380)	230(120-340)	200(100-300)	700(500-800)	450(300-600)	50(35-65)	40(20-80)	200(120-280)	200(120-280)	190(110-270)	190(110-270)	190(110-270)	170(100-240)	100(70-130)	100(70-130)					
							TC1110	TC1120	TC1130	TP2110	TP2120	TP2130	TC2310	TC2320	TC2330	TP2310	TP2320	TP2330	TC2210	TC2220	TC2230	TN7501	TN7505	TP2410	TP2420	TC0630	TC1630	TP1630	TP2630	TP4630	TP4640	TP4410	TP1410					
	AL1	TCGT 110202	0,05-4,00	0,02-0,20															•	•																		
		TCGT 110204	0,10-4,00	0,03-0,30																•	•																	
		TCGT 110208	0,10-5,00	0,03-0,40																•	•																	
		TCGT 16T302	0,05-3,00	0,02-0,20																	•	•	o	o														
		TCGT 16T304	0,10-5,00	0,02-0,30																	•	•	o	o														
		TCGT 16T308	0,10-5,00	0,03-0,50																	•	•	o	o														
	AL2	TCGT 090202	0,30-3,00	0,02-0,18																•	•																	
		TCGT 090204	0,30-5,00	0,02-0,25																	•	•																
		TCGT 16T302	0,50-6,00	0,04-0,45																	•	•																
		TGGT 16T304	0,10-1,00	0,04-0,12																	•	•	o	o														
		TGGT 16T308	0,10-1,00	0,05-0,10																	•	•	o	o														
		TGGT 16T312	0,50-6,00	0,06-0,65																	•	•	o	o														
	PFI	TCMT 110204	0,20-2,00	0,05-0,20							•	•								•	•																	
		TCMT 110208	0,20-2,00	0,05-0,30								•	•								•	•																
		TCMT 16T304	0,30-3,00	0,05-0,20								•	•								•	•																
		TCMT 16T308	0,30-3,00	0,10-0,40								•	•								•	•																
	PSI	TCMT 090204	0,20-2,25	0,06-0,18	•	•														•	•																	
		TCMT 090208	0,35-2,25	0,08-0,25	•	•															•	•																
		TCMT 110204	0,20-1,50	0,05-0,15	•	•															•	•																
		TCMT 110208	0,25-2,00	0,10-0,28	•	•															•	•																
		TCMT 16T304	0,30-1,50	0,05-0,20	•	•															•	•																
		TCMT 16T308	0,30-1,50	0,10-0,25	•	•															•	•																
	ST	TCMT 110204	0,20-1,50	0,05-0,15	o	o														•	•																	
		TCMT 110208	0,25-2,00	0,10-0,28	o	o															•	•																
		TCMT 16T304	0,80-3,00	0,08-0,25	o	o															•	•																
		TCMT 16T308	1,00-3,00	0,10-0,30	o	o															•	•																

• Stok ürün | Stock item



o Stok dışı ürün | Non stock item

□ Özel ürün | Special order

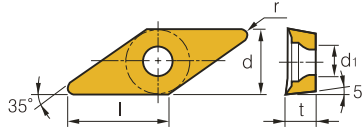
VBGT






Boyutlar (mm)			
Ölçü	d	t	d ₁
11	6.35	2.38-3.18	2.8-3.4
16	9.525	4.76	4.4

ÜRÜN GÖRSELİ	CB	ISO	Vc	P						M			K	N	S	U				H														
				UÇ KODU INSERT CODE	ap (mm)	fn (mm/dev)	TC1110	TC1120	TC1130	TP2110	TP2120	TP2130	TC2310	TC2320	TC2330	TP2310	TP2320	TP2330	TC2210	TC2220	TC2230	TN7501	TN7505	TP2410	TP2420	TC0630	TC1630	TP1630	TP2630	TP4630	TP4640	TP4410	TP1410	
							300(180-420)	250(140-360)	200(110-290)	300(180-420)	250(140-360)	200(110-290)	250(220-280)	215(190-240)	180(160-200)	160(100-220)	150(100-200)	130(80-180)	250(120-380)	230(120-340)	200(100-300)	700(500-800)	450(300-600)	50(35-65)	40(20-80)	200(120-280)	200(120-280)	190(110-270)	190(110-270)	190(110-270)	170(100-240)	100(70-130)	100(70-130)	
	AL1	VBGT 110304	0,10-4,00	0,02-0,15																	•	•	○	○										
		VBGT 110308	0,10-5,00	0,03-0,18																		•	•	○	○									
		VBGT 160402	0,05-4,00	0,03-0,30																		•	•	○	○									
		VBGT 160404	0,10-5,00	0,03-0,40																		•	•	○	○									
		VBGT 160408	0,10-5,00	0,03-0,50																		•	•	○	○									
		VBGT 160412	0,10-5,50	0,05-0,60																		•	•	○	○									
	AL2	VBGT 110304	0,30-4,00	0,03-0,45																•	•	○	○											
		VBGT 110308	0,50-6,00	0,03-0,50																	•	•	○	○										
		VBGT 16T302	0,30-1,00	0,05-0,20																	•	•	○	○										
		VBGT 16T304	0,30-1,00	0,10-0,25																	•	•	○	○										

VBMT



Boyutlar (mm)			
Ölçü	d	t	d ₁
16	9.525	4.76	4.4

ÜRÜN GÖRSELİ	CB	ISO	Vc	P						M			K	N	S	U				H													
				UÇ KODU INSERT CODE	ap (mm)	fn (mm/dev)	TC1110	TC1120	TC1130	TP2110	TP2120	TP2130	TC2310	TC2320	TC2330	TP2310	TP2320	TP2330	TC2210	TC2220	TC2230	TN7501	TN7505	TP2410	TP2420	TC0630	TC1630	TP1630	TP2630	TP4630	TP4640	TP4410	TP1410
							300(180-420)	250(140-360)	200(110-290)	300(180-420)	250(140-360)	200(110-290)	250(220-280)	215(190-240)	180(160-200)	160(100-220)	150(100-200)	130(80-180)	250(120-380)	230(120-340)	200(100-300)	700(500-800)	450(300-600)	50(35-65)	40(20-80)	200(120-280)	200(120-280)	190(110-270)	190(110-270)	190(110-270)	170(100-240)	100(70-130)	100(70-130)
	PFI	VBMT 160404	0,10-1,80	0,05-0,20																		•	•										
		VBMT 160408	0,15-1,80	0,07-0,25																			•	•									
	PSI	VBMT 160404	0,25-2,70	0,07-0,20	•	•														•	•												
		VBMT 160408	0,45-2,70	0,09-0,30	•	•															•	•											
		VBMT 160412	0,55-2,70	0,10-0,30	•	•															•	•											
	EMT	VBMT 160404	0,60-3,00	0,10-0,25																		•	•										
		VBMT 160408	0,90-3,00	0,13-0,30																			•	•									

• Stok ürün | Stock item

○ Stok dışı ürün | Non stock item

□ Özel ürün | Special order

P C L N R 20 20 K 12

1 Bağlama Sistemleri / Method of Mounting Insert
2 Kesici Uç Şekli / Insert Shape
3 Takım Tipi / Holder Style
4 Kesici Uç Boşluk Açısı / Clearance Angle of Insert
5 Takım Kesme Yönü / Hand of Tool
6 Sap Yüksekliği / Height of Shank
7 Sap Genişliği / Width of Shank
8 Takım Boyu / Length of Holder
9 Kesme Kenar Uzunluğu / Length of Cutting Edge

1 Bağlama Sistemleri / Type of Bar

H C L N R 20 20 — K 12

Üstten Baskılı / Top Clamping Without Hole
 Üstten Bağlamalı İçten Çektirmeli / Top and Hole Clamping (Multi Clamp, Pir and Clamp)
 Üstten Bağlamalı İçten Çektirmeli (Multi Clamp, Pir and Clamp)
 Alttan Çektirmeli / Hole Clamping (Pin Lock)
 Vidalı Sıkma / Screw On

C T M P S

3 Takım Tipi / Holder Style

H C L N R 20 20 — K 12

B D E F G J K L M N R S T V Y Z

4 Kesici Uç Boşluk Açısı / Clearance Angle of Insert

H C L N R 20 20 — K 12

B C D E F N P

2 Kesici Uç Şekli / Insert Shape

H C L N R 20 20 — K 12

C D E K L R S T V W

5 Takım Kesme Yönü / Hand of Tool

H C L N R 20 20 — K 12

L N R

6 Sap Yüksekliği / Height of Shank

H C L N R 20 20 — K 12

8 Takım Boyu / Length of Holder

H C L N R 20 20 — K 12

A-32	H-100	Q-180	X-Özel Takım X-Special Item
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 Sap Genişliği / Width of Shank

H C L N R 20 20 — K 12

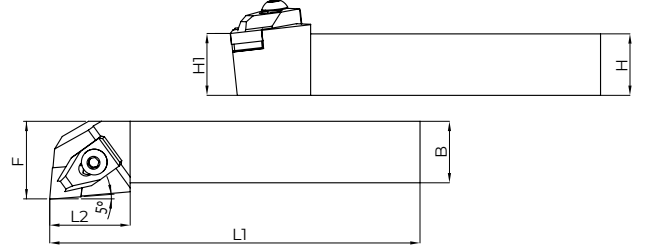
9 Kesme Kenar Uzunluğu / Length of Insert Cutting Edge

H C L N R 20 20 — K 12

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

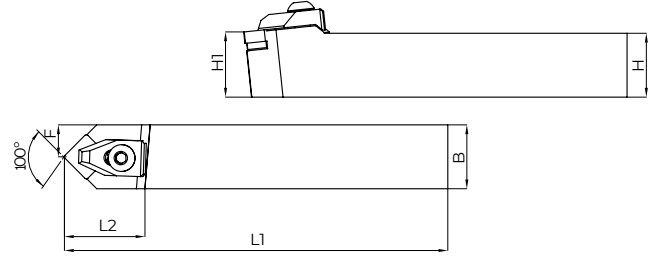
DIŞ ÇAP TORNA KATERLERİ

T TİPİ KATERLER DIŞ



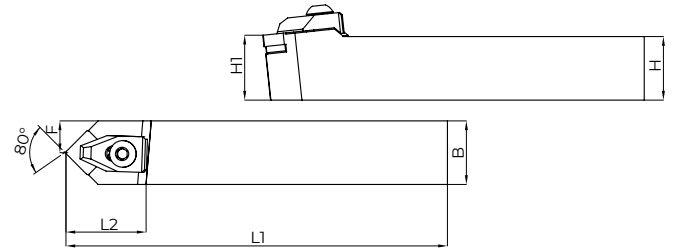
TCLNR/L

ISO	H1 H	B	F	L1	L2	AS	YO	UÇ INSERT	ALTLIK SHIM	ALTLIK VİDASI SHIM SCREW	PABUÇ CLAMP	PABUÇ VİDASI CLAMP SCREW	ANAHTAR ALLEN KEY
TCLNR/L 2020-K12	20	20	25	125	35	-6	-6	CNM. 1204..	SCN12TM	SS0410M	CT0012M	CS0627M	A3
TCLNR/L 2525-M12	25	25	32	150	40	-6	-6						
TCLNR/L 3232-P12	32	32	40	170	40	-6	-6						
TCLNR/L 2525-M16	25	25	32	150	40	-6	-6	CNM. 1606..	SCN16TM	SS0510M	CT0016M	CS0627M	
TCLNR/L 3232-P16	32	32	40	170	40	-6	-6						
TCLNR/L 4040-R16	40	40	50	200	45	-6	-6	CNM. 1906..	SCN19TM	SS0510M	CT0019M	CS0825M	
TCLNR/L 3232-P19	32	32	40	170	40	-6	-6						
TCLNR/L 4040-R19	40	40	50	200	45	-6	-6						



TCMNN

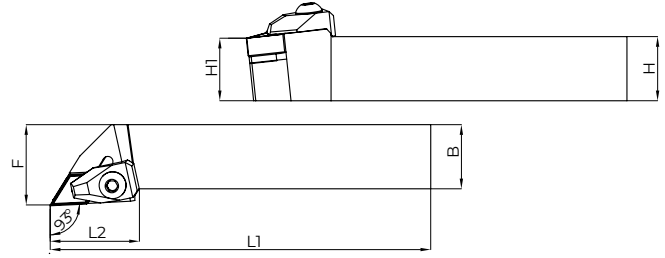
ISO	H1 H	B	F	L1	L2	AS	YO	UÇ INSERT	ALTLIK SHIM	ALTLIK VİDASI SHIM SCREW	PABUÇ CLAMP	PABUÇ VİDASI CLAMP SCREW	ANAHTAR ALLEN KEY
TCMNN 2020-K12	20	20	10	125	35	-10	0	CNM. 1204..	SCN12TM	SS0410M	CT0012M	CS0627M	A3
TCMNN 2525-M12	25	25	12,5	150	40	-10	0						
TCMNN 3232-P12	32	32	16	170	40	-10	0						



TCZNN

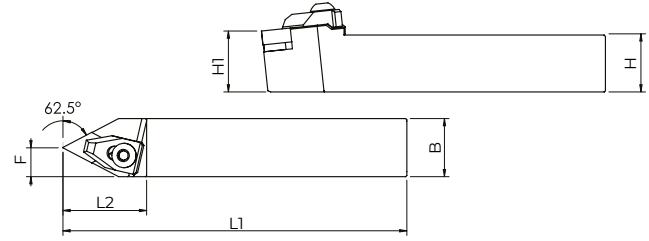
ISO	H1 H	B	F	L1	L2	AS	YO	UÇ INSERT	ALTLIK SHIM	ALTLIK VİDASI SHIM SCREW	PABUÇ CLAMP	PABUÇ VİDASI CLAMP SCREW	ANAHTAR ALLEN KEY
TCZNN 2020-K12	20	20	10	125	35	-10	0	CNM. 1204..	SCN12TM	SS0410M	CT0012M	CS0627M	A3
TCZNN 2525-M12	25	25	12,5	150	40	-10	0						
TCZNN 3232-P12	32	32	16	170	40	-10	0						

T TİPİ KATERLER DIŞ



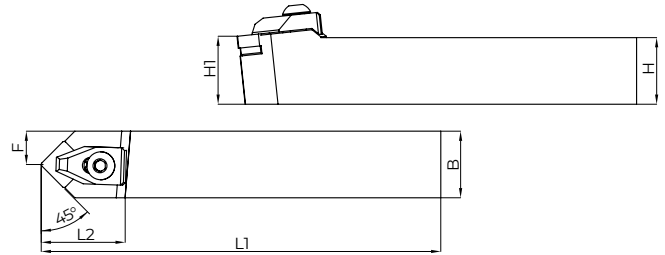
TDJNR/L

ISO	H1	H	B	F	L1	L2	AS	YO	UÇ INSERT	ALTLIK SHIM	ALTLIK VIDASI SHIM SCREW	PABUÇ CLAMP	PABUÇ VIDASI CLAMP SCREW	ANAHTAR ALLEN KEY
TDJNR/L 1616-K11	16	16	21	21	125	30	-6	-6	DNM. 1104..	SDN11TM	SS0411M	CT0011M	CS0523M	A3
TDJNR/L 2020-K11	20	20	25	25	125	35	-6	-6						
TDJNR/L 2525-M11	25	25	32	32	150	40	-6	-6						
TDJNR/L 1616-K15	20	20	25	25	125	35	-6	-6	DNM. 1506..	SDN15TM	SS0410M	CT0015M	CS0627M	
TDJNR/L 2020-K15	25	25	32	32	150	40	-6	-6						
TDJNR/L 2525-M15	32	32	40	40	170	40	-6	-6						
TDJNR/L 3232-P15	40	40	50	50	200	45	-6	-6						
TDJNR/L 4040-R15	16	16	21	21	200	30	-6	-6						



TDNNN

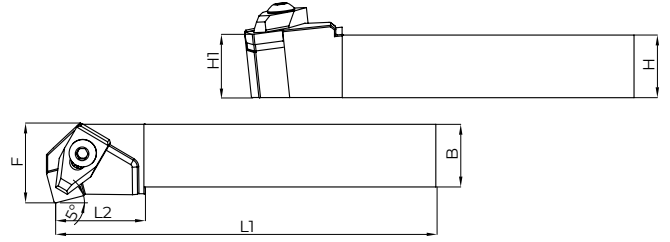
ISO	H1	H	B	F	L1	L2	AS	YO	UÇ INSERT	ALTLIK SHIM	ALTLIK VIDASI SHIM SCREW	PABUÇ CLAMP	PABUÇ VIDASI CLAMP SCREW	ANAHTAR ALLEN KEY
TDNNN 1616-H11	16	16	8	8	125	30	-10	0	DNM. 1104..	SDN11TM	SS0411M	CT0011M	CS0523M	A3
TDNNN 2020-K11	20	20	10	10	125	35	-10	0						
TDNNN 2525-M11	25	25	12,5	12,5	150	40	-10	0						
TDNNN 2020-K15	20	20	10	10	125	35	-10	0	DNM. 1506..	SDN15TM	SS0410M	CT0015M	CS0627M	
TDNNN 2525-M15	25	25	12,5	12,5	150	40	-10	0						
TDNNN 3232-P15	32	32	16	16	170	40	-10	0						
TDNNN 4040-R15	40	40	20	20	200	45	-10	0						



TSDNN

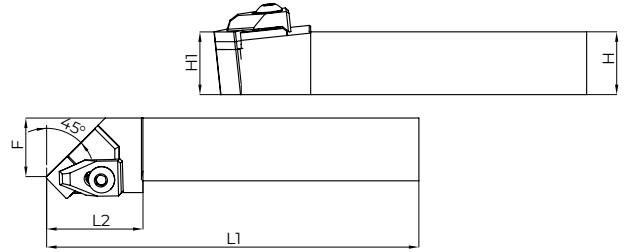
ISO	H1	H	B	F	L1	L2	AS	YO	UÇ INSERT	ALTLIK SHIM	ALTLIK VIDASI SHIM SCREW	PABUÇ CLAMP	PABUÇ VIDASI CLAMP SCREW	ANAHTAR ALLEN KEY
TSDNN 2020-K12	20	20	10	10	125	35	-10	0	SNMG 1204..	SSN12TM	SS0410M	CT0012M	CS0627M	A3
TSDNN 2525-M12	25	25	12,5	12,5	150	40	-10	0						

T TİPİ KATERLER DIŞ



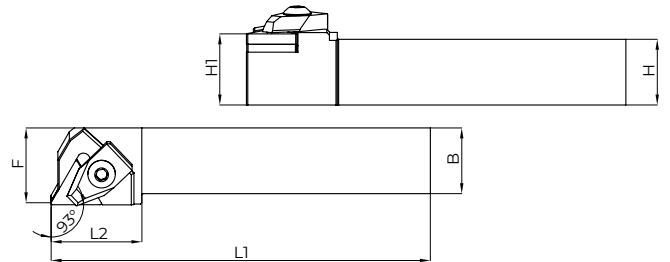
TSLNR/L

ISO	H1 H	B	F	L1	L2	AS	YO	UÇ INSERT	ALTLIK SHIM	ALTLIK VİDASI SHIM SCREW	PABUÇ CLAMP	PABUÇ VİDASI CLAMP SCREW	ANAHTAR ALLEN KEY
TSLNR/L 2020-K12	20	20	25	125	35	-6	-6	SNMG 1204	SSN12TM	SS0410M	CT0012M	CS0627M	A3
TSLNR/L 2525-M12	25	25	32	150	40	-6	-6						
TSLNR/L 4040-R19	40	40	50	200	45	-6	-6	SNMG 1906	SSN19TM	SS0510M	CT0019M	CS0825M	A5



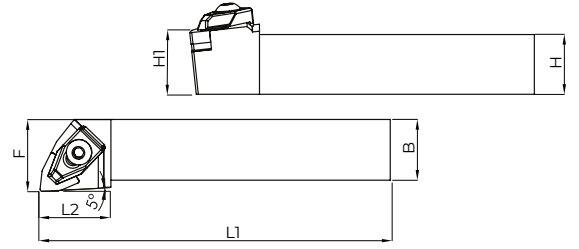
TSSNR/L

ISO	H1 H	B	F	L1	L2	AS	YO	UÇ INSERT	ALTLIK SHIM	ALTLIK VİDASI SHIM SCREW	PABUÇ CLAMP	PABUÇ VİDASI CLAMP SCREW	ANAHTAR ALLEN KEY
TSSNR/L 2020-K12	20	20	19	125	35	-6	-6	SNMG 1204	SSN12TM	SS0410M	CT0012M	CS0627M	A3
TSSNR/L 2525-M12	25	25	24	150	40	-6	-6						
TSSNR/L 3232-P12	32	32	30	170	40	-6	-6						
TSSNR/L 3232-P15	32	32	30	170	40	-6	-6	SNMG 1506	SSN15TM	SS0410M		CS0627M	A3
TSSNR/L 3232-P19	32	32	30	170	40	-6	-6	SNMG 1906	SSN19TM	SS0510M	CT0019M	CS0825M	A5
TSSNR/L 4040-R19	40	40	38	200	45	-6	-6						

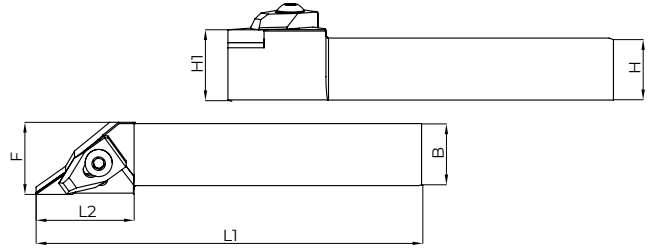


TTJNR/L

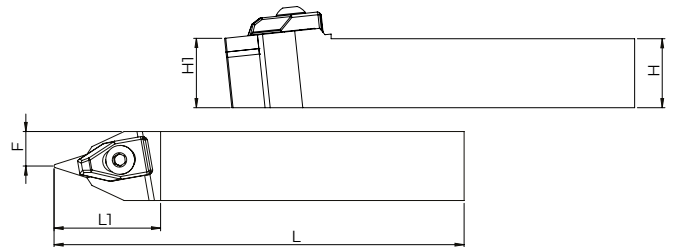
ISO	H1 H	B	F	L1	L2	AS	YO	UÇ INSERT	ALTLIK SHIM	ALTLIK VİDASI SHIM SCREW	PABUÇ CLAMP	PABUÇ VİDASI CLAMP SCREW	ANAHTAR ALLEN KEY
TTJNR/L 1616-H16	16	16	21	125	35	-6	-6	TNMG 1604	STN16TMM	SS0410M	CT0016M	CS0523M	A3
TTJNR/L 2020-K16	20	20	25	125	35	-6	-6						
TTJNR/L 2525-M16	25	25	32	150	40	-6	-6						
TTJNR/L 2020-K22	20	20	25	125	35	-6	-6	TNMG 2204	STN22TMM	SS0410M	CT0022M	CS0627M	A3
TTJNR/L 2525-M22	25	25	32	150	40	-6	-6						
TTJNR/L 3232-P22	32	32	40	170	40	-6	-6						

T TİPİ KATERLER DIŞ

TWLNR/L

ISO	H1 H	B	F	L1	L2	AS	YO	UÇ İNSERT	ALTLIK SHIM	ALTLIK VİDASI SHIM SCREW	PABUÇ CLAMP	PABUÇ VİDASI CLAMP SCREW	ANAHTAR ALLEN KEY
TWLNR/L 1616-K06	16	16	21	125	30	-6	-6	WNM.0602..	-	-	CT0006M	CS0515M	A3
TWLNR/L 2020-K06	20	20	25	125	35	-6	-6						
TWLNR/L 2525-M06	25	25	32	150	40	-6	-6						
TWLNR/L 2020-K08	20	20	25	125	35	-6	-6	WNM.0804..	SWN08TMM	SS0410M	CT0008M	CS0627M	
TWLNR/L 2525-M08	25	25	32	150	40	-6	-6						
TWLNR/L 3232-P08	32	32	40	170	40	-6	-6						
TWLNR/L 4040-R08	40	40	50	200	45	-6	-6						

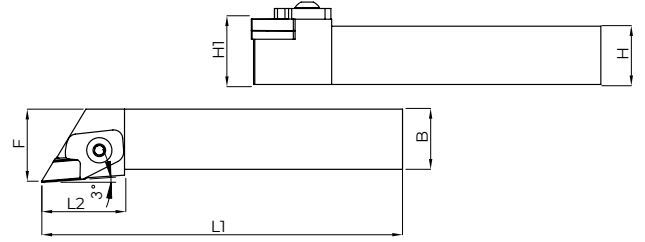

TVJNR/L

ISO	H1 H	B	F	L1	L2	AS	YO	UÇ İNSERT	ALTLIK SHIM	ALTLIK VİDASI SHIM SCREW	PABUÇ CLAMP	PABUÇ VİDASI CLAMP SCREW	ANAHTAR ALLEN KEY
TVJNR/L 1616-K16	16	16	25	125	35	-6	-6	VNMG 1604	SVN16TM	SS0411M	CT0116M	CS0627M	A3
TVJNR/L 2020-K16	20	20	25	125	35	-6	-6						
TVJNR/L 2525-M16	25	25	32	150	40	-6	-6						
TVJNR/L 3232-P16	32	32	40	170	40	-6	-6						


TVNNN

ISO	H1 H	B	F	L1	L2	AS	YO	UÇ İNSERT	ALTLIK SHIM	ALTLIK VİDASI SHIM SCREW	PABUÇ CLAMP	PABUÇ VİDASI CLAMP SCREW	ANAHTAR ALLEN KEY
TVNNN 2020-K16	20	20	10	125	30	-10	0	VNMG 1604	SVN16TM	SS0411M	CT0116M	CS0627M	A3
TVNNN 2525-M16	25	25	12,5	150	35	-10	0						
TVNNN 3232-P16	32	32	16	170	40	-10	0						

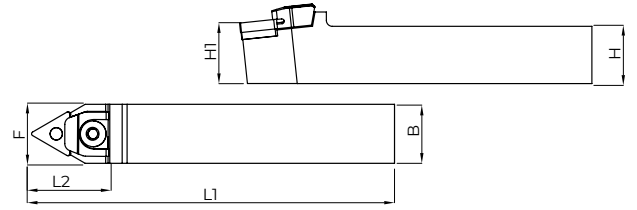
C TİPİ KATERLER DIŞ



CKJNR/L

ISO	H1 H	B	F	L1	L2	AS	YO	UÇ INSERT	ALTLIK SHIM	ALTLIK VİDASI SHIM SCREW	PABUÇ CLAMP	PABUÇ VİDASI CLAMP SCREW	ANAHTAR ALLEN KEY
CKJNR/L 2020-K16	20	20	25	125	35	-6	-6	KNUX 1604..	SK16RCM	SS0310M	CC0016M	CS0622M	A5
CKJNR/L 2525-M16	25	25	32	150	40	-6	-6						
CKJNR/L 3232-P16	32	32	40	170	40	-6	-6						
CKJNR/L 4040-R16	40	40	50	200	45	-6	-6						

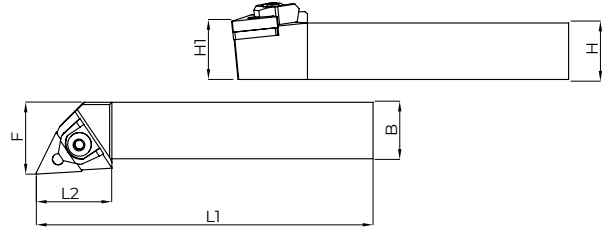
M TİPİ KATERLER DIŞ



MTENN

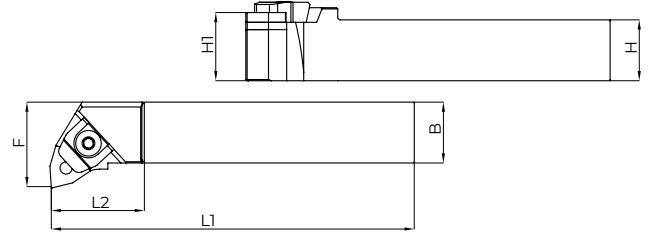
ISO	H1 H	B	F	L1	L2	AS	YO	UÇ INSERT	ALTLIK SHIM	ALTLIK PİMİ LOCK PIN	PABUÇ CLAMP	VİDA SCREW	ANAHTAR ALLEN KEY
MTENN 1616-K16	16	16	8	125	30	-10	0	TNMG 1604	STN16TMM	SP053615M	CM0016M	CS0523M	A3
MTENN 2020-K16	20	20	10	125	35	-10	0						
MTENN 2525-M16	25	25	12,5	150	40	-10	0						
MTENN 3232-P16	20	20	10	125	35	-10	0						
MTENN 2525-M22	25	25	12,5	150	40	-10	0	TNMG 2204	STN22TMM	SPTN22M	CM0022M	CS0627M	
MTENN 3232-P22	32	32	16	170	40	-10	0						

M TİPİ KATERLER DIŞ



MTJNR/L

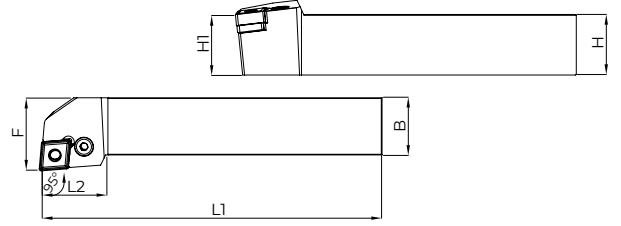
ISO	H1 H	B	F	L1	L2	AS	YO	UÇ INSERT	ALTLIK SHIM	ALTLIK PİMİ LOCK PIN	PABUÇ CLAMP	VİDA SCREW	ANAHTAR ALLEN KEY
MTJNR/L 1616-K16	16	16	21	125	35	-6	-6	TNMG 1604	STN16TMM	SPO53615M	CM0016M	CS0523M	A3
MTJNR/L 2020-K16	20	20	25	125	35	-6	-6						
MTJNR/L 2525-M16	25	25	32	150	40	-6	-6						
MTJNR/L 3232-P16	32	32	40	170	40	-6	-6						
MTJNR/L 2525-M22	25	25	32	150	40	-6	-6	TNMG 2204	STN22TMM	SPTN22M	CM0022M	CS0627M	
MTJNR/L 3232-P22	32	32	40	170	40	-6	-6						
MTJNR/L 4040-R22	40	40	50	200	45	-6	-6						



MWLNR/L

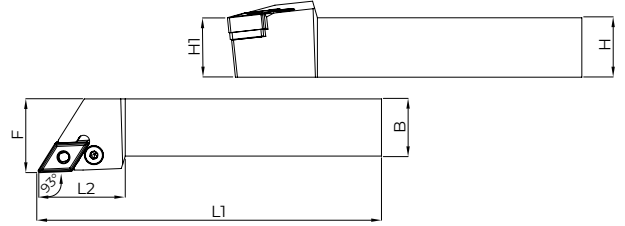
ISO	H1 H	B	F	L1	L2	AS	YO	UÇ INSERT	ALTLIK SHIM	ALTLIK PİMİ LOCK PIN	PABUÇ CLAMP	VİDA SCREW	ANAHTAR ALLEN KEY
MWLNR/L 1616-H06	16	16	21	125	30	-6	-6	WNM.0602..	-	SPO53615M	CM0006M	CS0523M	A3
MWLNR/L 2020-K06	20	20	25	125	35	-6	-6						
MWLNR/L 2525-M06	25	25	32	150	40	-6	-6						
MWLNR/L 2020-K08	20	20	25	125	35	-6	-6						
MWLNR/L 2525-M08	25	25	32	150	40	-6	-6	WNM.0804..	SWN08TMM	SPTN22M	CM0008M	CS0627M	
MWLNR/L 3232-P08	32	32	40	170	40	-6	-6						
MWLNR/L 4040-R08	40	40	50	200	45	-6	-6						

P TİPİ KATERLER DIŞ



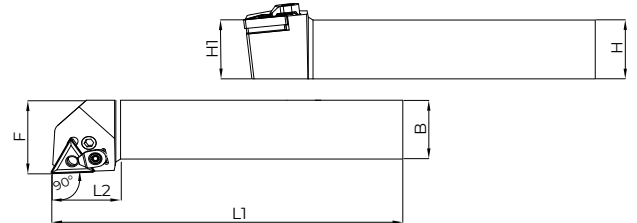
PCLNR/L

ISO	H1 H	B	F	L1	L2	AS	YO	UÇ INSERT	ALTLIK SHIM	ALTLIK VIDASI SHIM SCREW	PABUÇ CLAMP	PABUÇ VIDASI CLAMP SCREW	ANAHTAR ALLEN KEY
PCLNR/L 2020-K12	16	16	25	100	35	-6	-6	CNM. 1204..	SCN12PM	SS0410M	CT0012M	CS0627M	A3
PCLNR/L 2525-M12	20	20	25	125	35	-6	-6	CNM. 1204..	SCN12PM	SS0410M		CS0627M	A3
PCLNR/L 3232-P12	25	25	32	150	40	-6	-6					CS0627M	A3
PCLNR/L 4040-R12	32	32	40	170	40	-6	-6	CNM. 1606..	SCN16PM	SS0510M	CT0016M	CS0627M	A3
PCLNR/L 2525-M16	25	25	32	150	40	-6	-6						
PCLNR/L 3232-P16	32	32	40	170	40	-6	-6						
PCLNR/L 4040-R16	40	40	50	200	45	-6	-6	CNM. 1906..	SCN19PM	SS0510M	CT0019M	CS0825M	A5
PCLNR/L 3232-P19	32	32	40	170	40	-6	-6						
PCLNR/L 4040-R19	40	40	50	200	45	-6	-6						



PDJNR/L

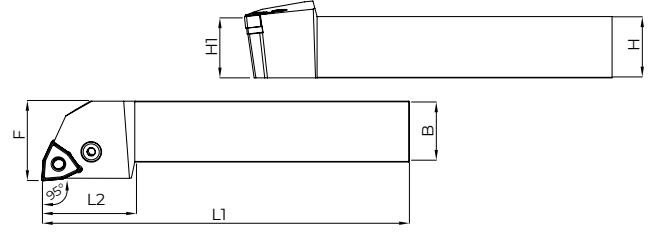
ISO	H1 H	B	F	L1	L2	AS	YO	UÇ INSERT	ALTLIK SHIM	ALTLIK VIDASI SHIM SCREW	PABUÇ CLAMP	PABUÇ VIDASI CLAMP SCREW	ANAHTAR ALLEN KEY
PDJNR/L 2020-K15	25	25	32	150	40	-6	-6	DNM. 1506..	SDN15PM	SS0410M	CT0015M	CS0627M	A3
PDJNR/L 2525-M15	32	32	40	170	40	-6	-6						
PDJNR/L 3232-P15	40	40	50	200	45	-6	-6						
PDJNR/L 4040-R15	16	16	21	125	30	-6	-6						



PTJNR/L

ISO	H1 H	B	F	L1	L2	AS	YO	UÇ INSERT	ALTLIK SHIM	ALTLIK VIDASI SHIM SCREW	PABUÇ CLAMP	PABUÇ VIDASI CLAMP SCREW	ANAHTAR ALLEN KEY
PTJNR/L 2020-K16	20	20	25	125	35	-6	-6	TNMG 1604	STN16PM	SS0410M	CT0116M	CS0523M	A3
PTJNR/L 2525-M16	25	25	32	150	40	-6	-6						
PTJNR/L 3232-P16	32	32	40	170	40	-6	-6				CT0122M	CS0627M	
PTJNR/L 2525-M22	25	25	32	150	40	-6	-6	TNMG 2204	STN22PM				

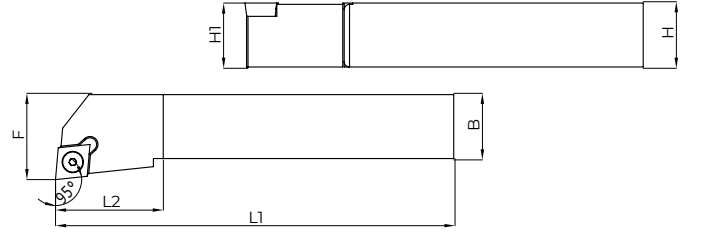
P TİPİ KATERLER DIŞ



PWLNRL

ISO	H1	H	B	F	L1	L2	AS	YO	UÇ INSERT	ALTLIK SHIM	ALTLIK VİDASI SHIM SCREW	PABUÇ CLAMP	PABUÇ VİDASI CLAMP SCREW	ANAHTAR ALLEN KEY
PWLNRL 2020-K08	20		20	25	125	35	-6	-6	WNM.0804..	SWN08PM	SS0410M	CT0008M	CS0627M	A3
PWLNRL 2525-M08	25		25	32	150	40	-6	-6						
PWLNRL 3232-P08	32		32	40	170	40	-6	-6						
PWLNRL 4040-R08	40		40	50	200	45	-6	-6						

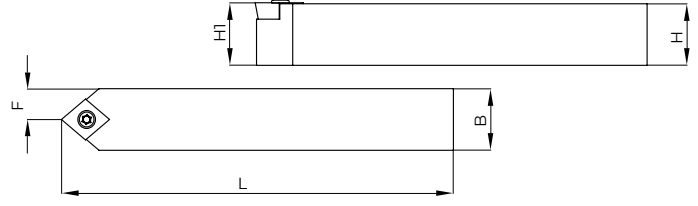
S TİPİ KATERLER DIŞ



SCLCR/L

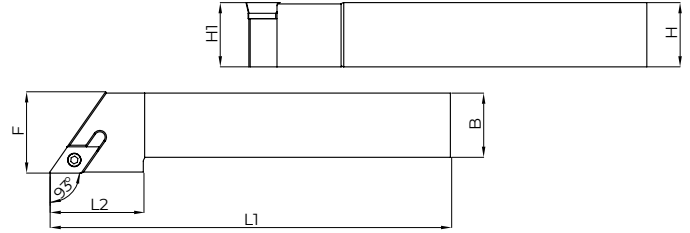
ISO	H1	H	B	F	L1	L2	AS	YO	UÇ INSERT	ALTLIK SHIM	ALTLIK VİDASI SHIM SCREW	PABUÇ CLAMP	VİDA SCREW	ANAHTAR ALLEN KEY
SCLCR/L 0808-H06	8		8	6	100	30	-10	0	CC.T 0602..	-	-	-	SM2,5X5	T8
SCLCR/L 1010-H06	10		10	6	100	25	-10	0						
SCLCR/L 1212-H06	12		12	7	100	25	-10	0						
SCLCR/L 1616-H06	16		16	9	100	30	-8	0						
SCLCR/L 1212-H09	12		12	7	100	25	-10	0	CC.T 09T3..	-	-	-	SM3,5X6	T15
SCLCR/L 1616-H09	16		16	11	100	35	-8	0						
SCLCR/L 2020-K09	20		20	13	125	40	-8	0						
SCLCR/L 2525-M09	25		25	17	150	50	-8	0	CC.T 1204..	SCC12SM	SS0610M	-	SM4X14	
SCLCR/L 1616-H12	16		16	11	100	35	-8	0						
SCLCR/L 2020-K12	20		20	13	125	40	-8	0						
SCLCR/L 2525-M12	25		25	17	150	50	-8	0						
SCLCR/L 3232-P12	32		32	20	170	70	-8	0						

S TİPİ KATERLER DIŞ



SCNCN

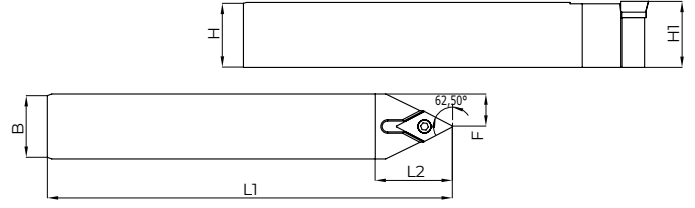
ISO	H1 H	B	F	L1	L2	AS	Y0	UÇ INSERT	ALTLIK SHIM	ALTLIK VIDASI SHIM SCREW	PABUÇ CLAMP	VIDA SCREW	ANAHTAR ALLEN KEY
SCNCN 0808-H06	8	8	6	100	30	-10	0	CC.T 0602..	-	-	-	SM2,5X5	T8
SCNCN 1010-H06	10	10	6	100	25	-10	0						
SCNCN 1212-H06	12	12	7	100	25	-10	0						
SCNCN 1212-H09	12	12	7	100	25	-10	0	CC.T 09T3..	-	-	-	SM3,5X6	T15
SCNCN 1616-H09	16	16	11	100	35	-8	0						
SCNCN 2020-K09	20	20	13	125	40	-8	0						
SCNCN 2525-M12	25	25	17	150	50	-8	0	CC.T 1204..	SCC12SM	SS0610M	-	SM4X14	



SDJCR/L

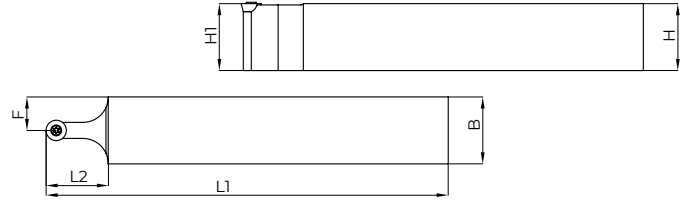
ISO	H1 H	B	F	L1	L2	AS	Y0	UÇ INSERT	ALTLIK SHIM	ALTLIK VIDASI SHIM SCREW	PABUÇ CLAMP	VIDA SCREW	ANAHTAR ALLEN KEY
SDJCR/L 0808-H07	8	8	6	100	30	-10	0	DC.T 0702..	-	-	-	SM2,5X7	T8
SDJCR/L 1010-H07	10	10	6	100	25	-10	0						
SDJCR/L 1212-H07	12	12	7	100	25	-10	0						
SDJCR/L 1616-H07	16	16	9	100	30	-8	0						
SDJCR/L 1616-H11	16	16	11	100	35	-8	0	DC.T 11T3..	SDC11SM	SS050535M	-	SM3,5X14	T15
SDJCR/L 2020-K11	20	20	13	125	40	-8	0						
SDJCR/L 2525-M11	25	25	17	150	50	-8	0						
SDJCR/L 3232-P11	32	32	20	170	70	-8	0						

S TİPİ KATERLER DIŞ



SDNCN

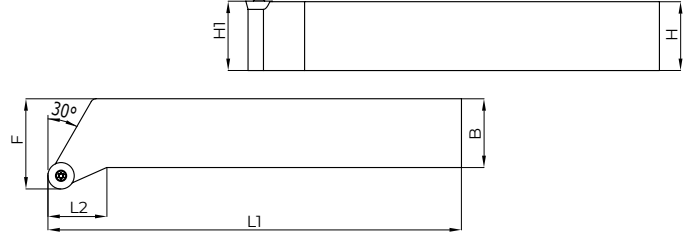
ISO	H1 H	B	F	L1	L2	AS	YO	UÇ INSERT	ALTLIK SHIM	ALTLIK VİDASI SHIM SCREW	PABUÇ CLAMP	VİDA SCREW	ANAHTAR ALLEN KEY
SDNCN 0808-H07	8	8	6	100	30	-10	0	DC.T 0702..	-	-	-	SM2,5X7	T8
SDNCN 1010-H07	10	10	6	100	25	-10	0						
SDNCN 1212-H07	12	12	7	100	25	-10	0						
SDNCN 1616-H07	16	16	9	100	30	-8	0						
SDNCN 1212-M11	12	12	7	100	30	-10	0	DC.T 11T3..	SDC11SM	SS050535M	-	SM3,5X14	T15
SDNCN 1616-H11	16	16	11	100	35	-8	0						
SDNCN 2020-K11	20	20	13	125	40	-8	0						
SDNCN 2525-M11	25	25	17	150	50	-8	0						
SDNCN 3232-P11	32	32	20	170	70	-8	0						



SRDCN

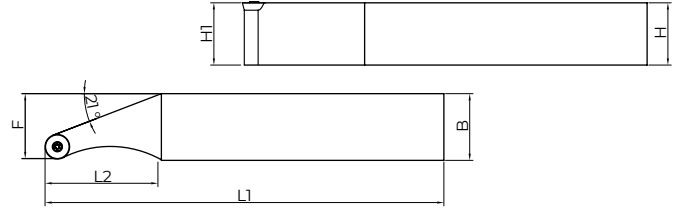
ISO	H1 H	B	F	L1	L2	AS	YO	UÇ INSERT	ALTLIK SHIM	ALTLIK VİDASI SHIM SCREW	PABUÇ CLAMP	VİDA SCREW	ANAHTAR ALLEN KEY
SRDCN 1616-H08	16	16	8	125	25	0	0	RC.T 0803.	-	-	-	SM3X9	T10
SRDCN 2020-K08	20	20	10	125	30	0	0						
SRDCN 2525-M08	25	25	12,5	150	35	0	0						
SRDCN 1616-H10	16	16	8	100	20	0	0	RC.T 10T3..	-	-	-	SM4X11	T15
SRDCN 2020-K10	20	20	10	125	30	0	0						
SRDCN 2525-M10	25	25	12,5	150	35	0	0						
SRDCN 3232-P10	32	32	16	170	40	0	0						
SRDCN 2020-K12	20	20	10	125	30	0	0	RC.T 1204..	-	-	-	SM5X12	T20
SRDCN 2525-M12	25	25	12,5	150	35	0	0						
SRDCN 3232-P12	32	32	16	170	40	0	0	RC.T 1604..	-	-	-	SM5X12	T20
SRDCN 2525-M16	25	25	12,5	150	35	0	0						

S TİPİ KATERLER DIŞ



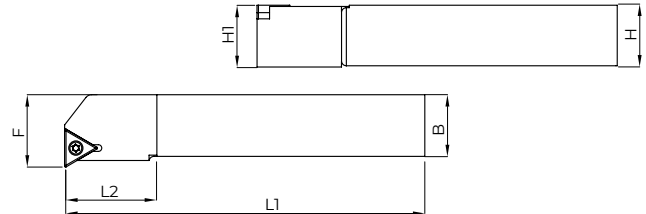
SRGCR/L

ISO	H1 H	B	F	L1	L2	AS	YO	UÇ INSERT	ALTLIK SHIM	ALTLIK VİDASI SHIM SCREW	PABUÇ CLAMP	VİDA SCREW	ANAHTAR ALLEN KEY
SRGCR/L 2020-K08	20	20	10	125	30	0	0	RC.T 0803..	-	-	-	SM3X9	T10
SRGCR/L 2525-M08	25	25	12,5	150	35	0	0						
SRGCR/L 2020-K10	20	20	10	125	30	0	0	RC.T 10T3..	-	-	-	SM4X11	T15
SRGCR/L 2525-M10	25	25	12,5	150	35	0	0						
SRGCR/L 2020-K12	20	20	10	125	30	0	0	RC.T 1204..	-	-	-	SM4X11	T15
SRGCR/L 2525-M12	25	25	12,5	150	35	0	0						



SRHCR

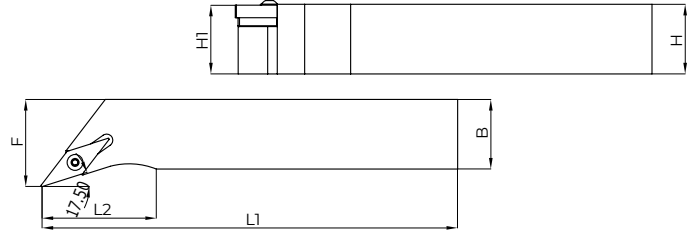
ISO	H1 H	B	F	L1	L2	AS	YO	UÇ INSERT	ALTLIK SHIM	ALTLIK VİDASI SHIM SCREW	PABUÇ CLAMP	VİDA SCREW	ANAHTAR ALLEN KEY
SRHCR 1616-H08	16	16	8	125	25	0	0	RC.T 0803..	-	-	-	SM3X9	T10
SRHCR/L 2020-K08	20	20	10	125	30	0	0						
SRHCR/L 2525-M08	25	25	12,5	150	35	0	0	RC.T 10T3..	-	-	-	SM4X11	T15
SRHCR/L 2020-K10	20	20	10	125	30	0	0						
SRHCR/L 2525-M10	25	25	12,5	150	35	0	0	RC.T 1204..	-	-	-	SM4X11	T15
SRHCR 1616-K12	16	16	8	125	25	0	0						
SRHCR/L 2020-K12	20	20	10	125	30	0	0	RC.T 1204..	-	-	-	SM4X11	T15
SRHCR/L 2525-M12	25	25	12,5	150	35	0	0						



STFCR/L

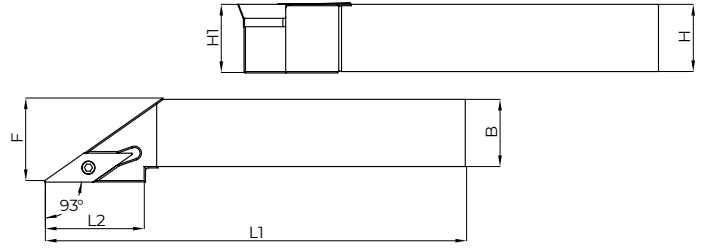
ISO	H1 H	B	F	L1	L2	AS	YO	UÇ INSERT	ALTLIK SHIM	ALTLIK VİDASI SHIM SCREW	PABUÇ CLAMP	VİDA SCREW	ANAHTAR ALLEN KEY
STFCR/L 1212-H11	12	12	7	100	30	-10	0	TC.T 11..	-	-	-	SM2,5	T8
STFCR/L 1616-H11	16	16	11	100	35	-8	0						
STFCR/L 2020-K16	20	20	13	125	40	-8	0	TC.T 16T3..	STC16SM	SS050535M	-	SM3,5X14	T10
STFCR/L 2525-M16	25	25	17	150	50	-8	0						

S TİPİ KATERLER DIŞ



SVHBR/L

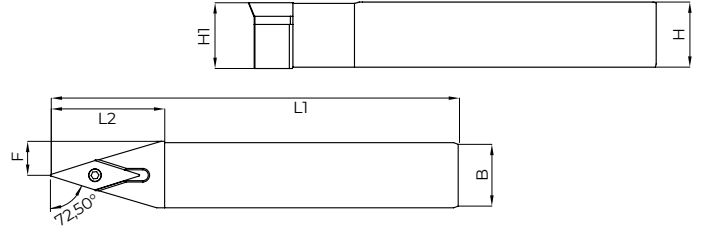
ISO	H1	H	B	F	L1	L2	AS	YO	UÇ INSERT	ALTLIK SHIM	ALTLIK VIDASI SHIM SCREW	PABUÇ CLAMP	VIDA SCREW	ANAHTAR ALLEN KEY
SVHBR/L 1616-H11	16	16	20	20	100	25	0	0	VBM. 1103..	-	-	-	SM2,5X7	T08
SVHBR/L 2020-K11	20	20	25	25	125	30	0	0						
SVHBR/L 2020-K16	20	20	25	25	125	35	0	0	VBM. 1604..	SVB16SM	SS050535M	-	SM3,5X14	T15
SVHBR/L 2525-M16	25	25	32	32	150	40	0	0						
SVHBR/L 3232-P16	32	32	40	40	170	40	0	0						



SVJBR/L

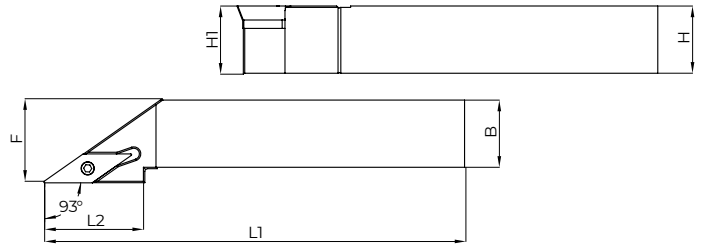
ISO	H1	H	B	F	L1	L2	AS	YO	UÇ INSERT	ALTLIK SHIM	ALTLIK VIDASI SHIM SCREW	PABUÇ CLAMP	VIDA SCREW	ANAHTAR ALLEN KEY
SVJBR/L 1212-H11	12	12	20	20	100	20	0	0	VBM. 1103..	-	-	-	SM2,5X7	T8
SVJBR/L 1616-H11	16	16	20	20	100	25	0	0						
SVJBR/L 2020-K11	20	20	25	25	125	30	0	0						
SVJBR/L 2525-M11	25	25	32	32	150	40	0	0						
SVJBR/L 1616-H16	16	16	20	20	100	25	0	0	VBM. 1604..	SVB16SM	SS050535M	-	SM3,5X14	T15
SVJBR/L 2020-K16	20	20	25	25	125	35	0	0						
SVJBR/L 2525-M16	25	25	32	32	150	40	0	0						
SVJBR/L 3232-P16	32	32	40	40	170	40	0	0						

S TİPİ KATERLER DIŞ



SVVBN

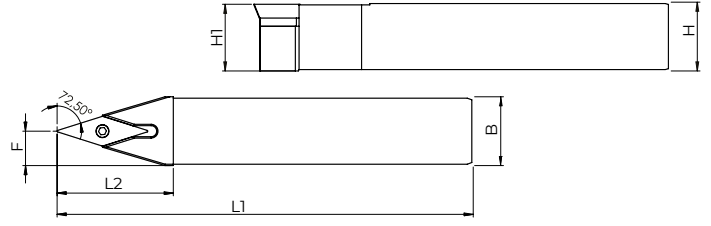
ISO	H1 H	B	F	L1	L2	AS	YO	UÇ INSERT	ALTLIK SHIM	ALTLIK VİDASI SHIM SCREW	PABUÇ CLAMP	VİDA SCREW	ANAHTAR ALLEN KEY
SVVBN 1212-H11	12	12	20	100	20	0	0	VBM. 1103..	-	-	-	SM2,5X7	T08
SVVBN 1616-H11	16	16	20	100	25	0	0		-	-	-	SM2,5X7	T08
SVVBN 2020-K11	20	20	25	125	30	0	0		-	-	-	SM2,5X7	T08
SVVBN 1616-H16	16	16	20	100	25	0	0	VBM. 1604..	SVB16SM	SS050535M	-	SM3,5X14	T15
SVVBN 2020-K16	20	20	25	125	35	0	0		-	-	-	SM3,5X14	T15
SVVBN 2525-M16	25	25	32	150	40	0	0		-	-	-	SM3,5X14	T15
SVVBN 3232-P16	32	32	40	170	40	0	0		-	-	-	SM3,5X14	T15



SVJCR/L

ISO	H1 H	B	F	L1	L2	AS	YO	UÇ INSERT	ALTLIK SHIM	ALTLIK VİDASI SHIM SCREW	PABUÇ CLAMP	VİDA SCREW	ANAHTAR ALLEN KEY
SVJCR/L 1212-H11	12	12	20	100	20	0	0	VCM. 1103..	-	-	-	SM2,5X7	T08
SVJCR/L 1616-H11	16	16	20	100	25	0	0		-	-	-	SM2,5X7	T08
SVJCR/L 2020-K11	20	20	25	125	30	0	0		-	-	-	SM2,5X7	T08
SVJCR/L 1616-H16	16	16	20	100	25	0	0	VCM. 1604..	SVC16SM	SS050535M	-	SM3,5X14	T15
SVJCR/L 2020-K16	20	20	25	125	35	0	0		-	-	-	SM3,5X14	T15
SVJCR/L 2525-M16	25	25	32	150	40	0	0		-	-	-	SM3,5X14	T15
SVJCR/L 3232-P16	32	32	40	170	40	0	0		-	-	-	SM3,5X14	T15

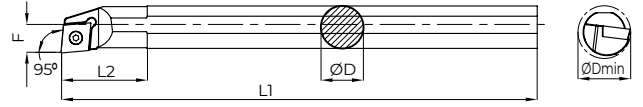
S TİPİ KATERLER DIŞ



SVVCN

ISO	HI	H	B	F	L1	L2	AS	YO	UÇ INSERT	ALTLIK SHIM	ALTLIK VİDASI SHIM SCREW	PABUÇ CLAMP	VİDA SCREW	ANAHTAR ALLEN KEY
SVVCN 1212-H11	12	12	20	20	100	20	0	0	VCM. 1103..	-	-	-	SM2,5X7	T08
SVVCN 1616-H11	16	16	20	20	100	25	0	0		-	-	-	SM2,5X7	T08
SVVCN 2020-K11	20	20	25	25	125	30	0	0		-	-	-	SM2,5X7	T08
SVVCN 1616-H16	16	16	20	20	100	25	0	0	VCM. 1604..	SVC12SM	SS050535M	-	SM3,5X14	T15
SVVCN 2020-K16	20	20	25	25	125	35	0	0						
SVVCN 2525-M16	25	25	32	32	150	40	0	0						
SVVCN 3232-P16	32	32	40	40	170	40	0	0						

İÇ ÇAP TORNA KATERLERİ S TİPİ KATERLER İÇ



S.../A... SCLCR/L

ISO	HI	H	B	F	L1	L2	AS	YO	UÇ INSERT	ALTLIK SHIM	ALTLIK VİDASI SHIM SCREW	VİDA SCREW	ANAHTAR ALLEN KEY
S06-08H SCLCR/L-06	8	10	6	6	100	30	-10	0	CC.T 0602..	-	-	SM2,5X5	T08
A06-08H SCLCR/L-06	8	10	6	6	100	30	-10	0					
S08H SCLCR/L-06	8	11	6	6	100	25	-10	0					
A08H SCLCR/L-06	8	11	6	6	100	25	-10	0					
S10K SCLCR/L-06	10	13	7	7	125	25	-10	0					
A10K SCLCR/L-06	10	13	7	7	125	25	-10	0					
S12M SCLCR/L-06	12	16	9	9	150	30	-8	0					
A12M SCLCR/L-06	12	16	9	9	150	30	-8	0					
S16Q SCLCR/L-06	16	20	11	11	180	35	-8	0					
A16Q SCLCR/L-06	16	20	11	11	180	35	-8	0					
S12M SCLCR/L-09	12	16	9	9	150	30	-8	0	CC.T 09T3..	-	-	SM3,5X6	T15
A12M SCLCR/L-09	12	16	9	9	150	30	-8	0					
S16Q SCLCR/L-09	16	20	11	11	180	35	-8	0					
A16Q SCLCR/L-09	16	20	11	11	180	35	-8	0					
S20R SCLCR/L-09	20	25	13	13	200	40	-8	0					
A20R SCLCR/L-09	20	25	13	13	200	40	-8	0					
S25S SCLCR/L-09	25	32	17	17	250	50	-8	0	CC.T 1204..	SCC12SM	SS060504M	SM4X14	T20
S32T SCLCR/L-09	32	40	23	23	300	60	-8	0					
S25S SCLCR/L-12	25	32	17	17	250	50	-8	0					
A25S SCLCR/L-12	25	32	17	17	250	50	-8	0					
S32T SCLCR/L-12	32	40	23	23	300	60	-8	0					
S40V SCLCR/L-12	40	50	27	27	400	70	-8	0					

S 12 M S C L C R 07

1
Şaft Tipi
Type of Bar

2
Şaft Uzunluğu
Bar Diameter

3
Şaft Uzunluğu
Bar Length

4
Bağlama Sistemleri
Method of
Mounting Insert

5
Kesici Uç Şekli
Insert Shape

6
Uç Serbest Şekli
Lead Angle of
Boring Bar

7
Ayrılma Açısı
Relief Angle
of Insert

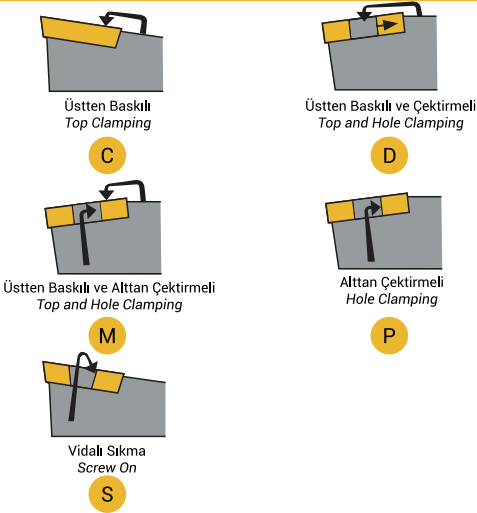
8
Şaft Kesme Yönü
Hand of Bar

9
Kesme Kenar Uzunluğu
Length of Cutting Edge

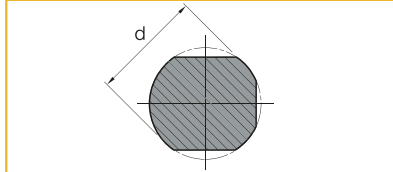
1 Şaft Tipi / Type of Bar
S 12 M - S C L C R - 07

- "A" Soğutma kanallı çelik şaft / "A" Steel with coolant hole
- "E" Çelik kafalı, soğutma kanallı karbür şaft " "E" Carbide bar with ficed steel head and coolant hole
- "C" Karbür Şaft / "C" Carbide Shank
- "S" Çelik Şaft / "S" Steel Shank
- "X" Özel tip / "X" Special type

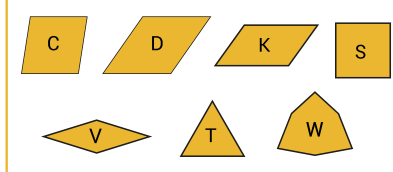
4 Bağlama Sistemleri
Method of Mounting Insert
S 12 M - S C L C R - 07



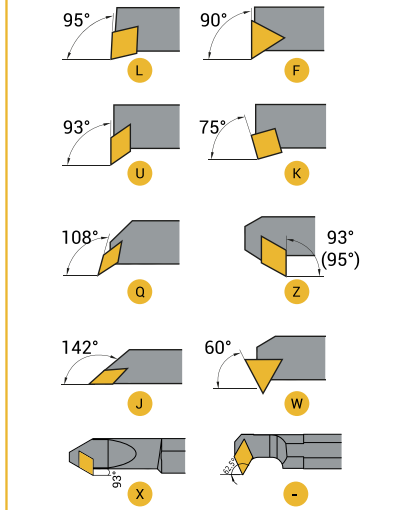
2 Şaft Çapı / Bar Diameter
S 12 M - S C L C R - 07



5 Bağlama Sistemleri
Method of Mounting Insert
S 12 M - S C L C R - 07



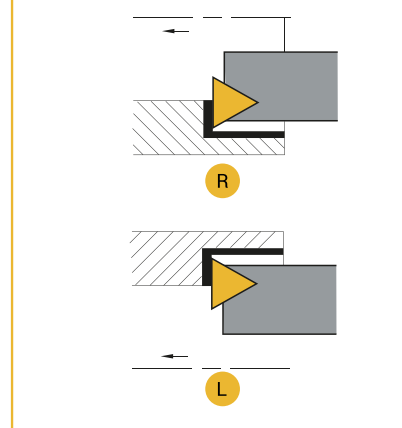
6 Uç Serbest Açısı
Lead Angle of Boring Bar
S 12 M - S C L C R - 07



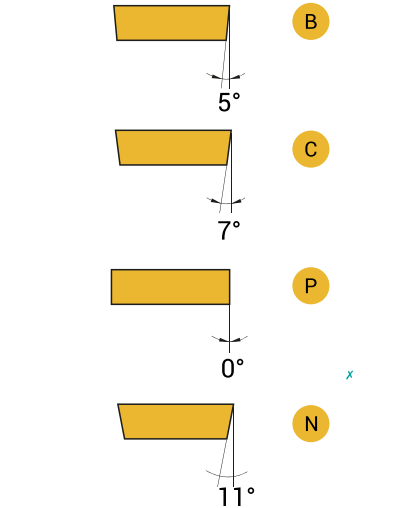
3 Şaft Uzunluğu / Bar Length
S 12 M - S C L C R - 07

Boy (L) Length (L)	(mm)
H	100
J	110
K	125
M	150
N	160
Q	180
R	200
S	250
T	300
U	350
V	400
W	450
Y	500

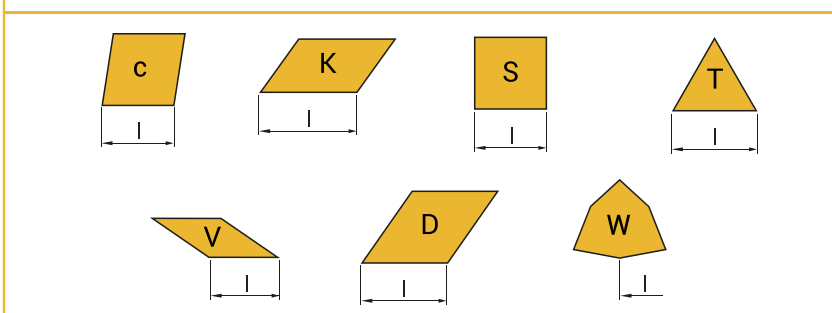
8 Uç Serbest Açısı
Lead Angle of Boring Bar
S 12 M - S C L C R - 07



7 Ayrılma Açısı
Relief Angle of Insert
S 12 M - S C L C R - 07

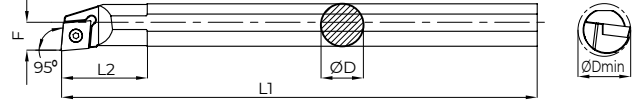


9 Kesme Kenar Uzunluğu
Length of Cutting Edge
S 12 M - S C L C R - 07



İÇ ÇAP TORNA KATERLERİ

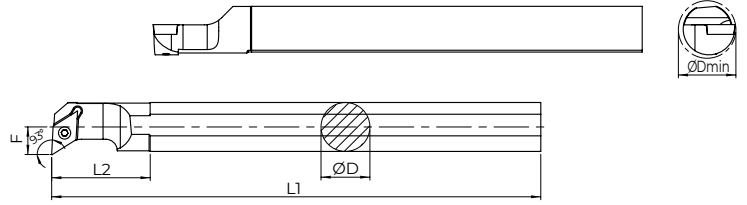
S TİPİ KATERLER İÇ



S.../A... SCLCR/L

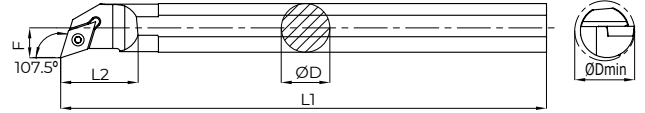
ISO	H1	H	B	F	L1	L2	AS	YO	UÇ INSERT	ALTLIK SHIM	ALTLIK VİDASI SHIM SCREW	VİDA SCREW	ANAHTAR ALLEN KEY
S06-08H SCLCR/L-06	8	10	6	6	100	30	-10	0	CC.T 0602..	-	-	SM2,5X5	T08
A06-08H SCLCR/L-06	8	10	6	6	100	30	-10	0					
S08H SCLCR/L-06	8	11	6	6	100	25	-10	0					
A08H SCLCR/L-06	8	11	6	6	100	25	-10	0					
S10K SCLCR/L-06	10	13	7	7	125	25	-10	0					
A10K SCLCR/L-06	10	13	7	7	125	25	-10	0					
S12M SCLCR/L-06	12	16	9	9	150	30	-8	0					
A12M SCLCR/L-06	12	16	9	9	150	30	-8	0					
S16Q SCLCR/L-06	16	20	11	11	180	35	-8	0					
A16Q SCLCR/L-06	16	20	11	11	180	35	-8	0					
S12M SCLCR/L-09	12	16	9	9	150	30	-8	0	CC.T 09T3..	-	-	SM3,5X6	T15
A12M SCLCR/L-09	12	16	9	9	150	30	-8	0					
S16Q SCLCR/L-09	16	20	11	11	180	35	-8	0					
A16Q SCLCR/L-09	16	20	11	11	180	35	-8	0					
S20R SCLCR/L-09	20	25	13	13	200	40	-8	0					
A20R SCLCR/L-09	20	25	13	13	200	40	-8	0					
S25S SCLCR/L-09	25	32	17	17	250	50	-8	0					
S32T SCLCR/L-09	32	40	23	23	300	60	-8	0	CC.T 1204..	SCC12SM	SS060504M	SM4X14	T20
S25S SCLCR/L-12	25	32	17	17	250	50	-8	0					
A25S SCLCR/L-12	25	32	17	17	250	50	-8	0					
S32T SCLCR/L-12	32	40	23	23	300	60	-8	0					
S40V SCLCR/L-12	40	50	27	27	400	70	-8	0					

S TİPİ KATERLER İÇ



S.../A... SDUCR/L

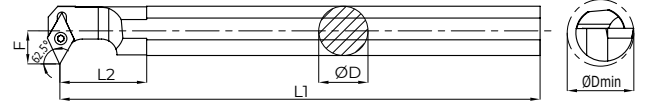
ISO	H1 H	B	F	L1	L2	AS	YO	UÇ INSERT	ALTLIK SHIM	ALTLIK VİDASI SHIM SCREW	VİDA SCREW	ANAHTAR ALLEN KEY
S10K SDUCR/L-07	10	13	8	125	25	-11	0	DC.T 0702..	-	-	SM2,5X5	T08
A10K SDUCR/L-07	10	13	8	125	25	-11	0					
S12M SDUCR/L-07	12	16	9	150	30	-9	0					
A12M SDUCR/L-07	12	16	9	150	30	-9	0					
S16Q SDUCR/L-07	16	20	11	180	35	-9	0					
S20R SDUCR/L-07	20	25	13	200	40	-8	0					
S25S SDUCR/L-07	25	32	18	250	50	-8	0	DC.T 11T3..	-	-	SM2,5X7	T15
S16Q SDUCR/L-11	16	20	11	180	35	-9	0					
A16Q SDUCR/L-11	16	20	11	180	35	-9	0					
S20R SDUCR/L-11	20	25	13	200	40	-8	0					
A20R SDUCR/L-11	20	25	13	200	40	-8	0					
S25S SDUCR/L-11	25	32	18	250	50	-8	0					
A25R SDUCR/L-11	25	32	18	250	50	-8	0	SDC11SM	SS050535M	SM3,5X11	T15	
S32T SDUCR/L-11	32	40	23	300	60	-8	0					
S40V SDUCR/L-11	40	50	27	400	60	-8	0					



S.../A... SDQCR/L

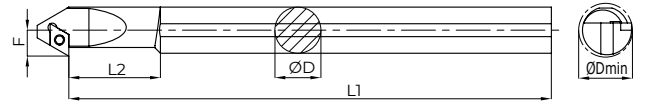
ISO	H1 H	B	F	L1	L2	AS	YO	UÇ INSERT	ALTLIK SHIM	ALTLIK VİDASI SHIM SCREW	VİDA SCREW	ANAHTAR ALLEN KEY
S10K SDQCR/L-07	10	13	8	125	25	-11	0	DC.T 0702..	-	-	SM2,5X5	T08
A10K SDQCR/L-07	10	13	8	125	25	-11	0					
S12M SDQCR/L-07	12	16	9	150	30	-9	0					
A12M SDQCR/L-07	12	16	9	150	30	-9	0					
S16Q SDQCR/L-07	16	20	11	180	35	-9	0					
S20R SDQCR/L-07	20	25	13	200	40	-8	0					
S25S SDQCR/L-07	25	32	18	250	50	-8	0	DC.T 11T3..	-	-	SM2,5X7	T15
S16Q SDQCR/L-11	16	20	11	180	35	-9	0					
A16Q SDQCR/L-11	16	20	11	180	35	-9	0					
S20R SDQCR/L-11	20	25	13	200	40	-8	0					
A20R SDQCR/L-11	20	25	13	200	40	-8	0					
S25S SDQCR/L-11	25	32	18	250	50	-8	0					
S32T SDQCR/L-11	32	40	23	300	60	-8	0	DC.T 11T3..	SDC11SM	SS050535M	SM3,5X11	T15

S TİPİ KATERLER İÇ



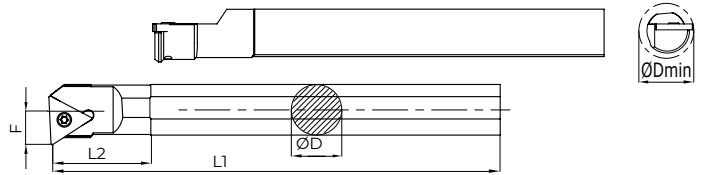
S... SD-CR/L

ISO	H1 H	B	F	L1	L2	AS	YO	UÇ INSERT	ALTLIK SHIM	ALTLIK VİDASI SHIM SCREW	VİDA SCREW	ANAHTAR ALLEN KEY
S10K SD-CR/L-07	10	14	9	125	28	-9	0	DC.T 0702..	-	-	SM2,5X7	T08
S12M SD-CR/L-07	12	16	9	150	30	-9	0					
S16Q SD-CR/L-07	16	23	14	180	40	-8	0					
S16Q SD-CR/L-11	16	23	14	180	40	-8	0	DC.T 11T3..	-	-	SM3,5X8	T15
S20R SD-CR/L-11	20	25	15	200	45	-8	0					
S25S SD-CR/L-11	25	32	19	250	55	-8	0					
S32T SD-CR/L-11	32	40	23	300	60	-12	0					
S40V SD-CR/L-11	32	50	27	400	70	-10	0					



S... SDXCR/L

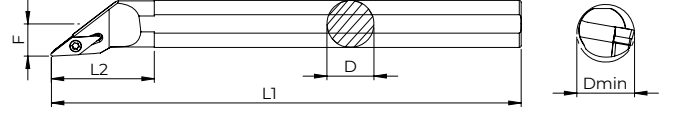
ISO	H1 H	B	F	L1	L2	AS	YO	UÇ INSERT	ALTLIK SHIM	ALTLIK VİDASI SHIM SCREW	VİDA SCREW	ANAHTAR ALLEN KEY
S12M SDXCR/L-07	12	16	9	150	30	-7	0	DC.T 0702..	-	-	SM2,5X5	T08
S16Q SDXCR/L-07	16	22	13	180	40	-9	0				SM2,5X7	
S16Q SDXCR/L-11	16	22	13	180	40	-9	0	DC.T 11T3..	-	-	SM3,5X8	T15
S20R SDXCR/L-11	20	25	14	200	55	-9	0					
S25S SDXCR/L-11	25	32	18	250	65	-10	0					
S32T SDXCR/L-11	32	40	23	300	80	-13	0					



S... STFCL/L

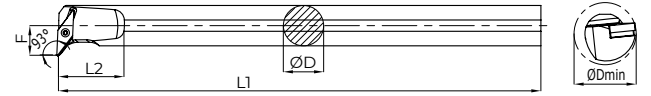
ISO	H1 H	B	F	L1	L2	AS	YO	UÇ INSERT	ALTLIK SHIM	ALTLIK VİDASI SHIM SCREW	VİDA SCREW	ANAHTAR ALLEN KEY
S16Q STFCL/L-16	16	20	11	180	35	-9	0	TC.T 16T3..	-	-	SM3,5X8	T15
S20R STFCL/L-16	20	25	13	200	40	-8	0					
S25S STFCL/L-16	25	32	18	250	50	-8	0					
S32T STFCL/L-16	32	40	23	300	60	-8	0					

S TİPİ KATERLER İÇ



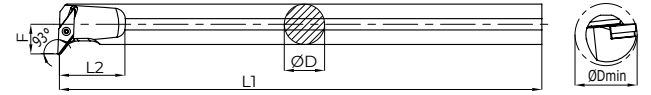
S... SVJBR/L

ISO	H1 H	B	F	L1	L2	AS	YO	UÇ INSERT	ALTLIK SHIM	ALTLIK VİDASI SHIM SCREW	VİDA SCREW	ANAHTAR ALLEN KEY
S25S SVJBR/L-16	25	32	17	250	50			VCM.1604..	SVC16SM	SS050535M	SM3.5X11	T15
S32T SVJBR/L-16	32	40	23	300	80							
S40V SVJBR/L-16	40	50	27	400	80	-	-					



S... SVUBR/L

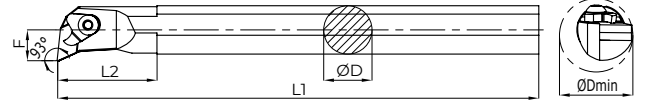
ISO	H1 H	B	F	L1	L2	AS	YO	UÇ INSERT	ALTLIK SHIM	ALTLIK VİDASI SHIM SCREW	VİDA SCREW	ANAHTAR ALLEN KEY
S16Q SVUBR/L-11	16	20	11	180	40	-8	0	VBM.1103..	-	-	SM2,5X7	T08
S20R SVUBR/L-11	20	25	13	200	40	-8	0					
S25S SVUBR/L-16	25	32	17	250	50	-9	0	VBM.1604..	SVB16SM	SS050535M	SM3.5X11	T15
S32T SVUBR/L-16	32	40	22	300	60	-9	0					
S40V SVUBR/L-16	40	50	27	400	70	-9	0					



S... SVUCR/L

ISO	H1 H	B	F	L1	L2	AS	YO	UÇ INSERT	ALTLIK SHIM	ALTLIK VİDASI SHIM SCREW	VİDA SCREW	ANAHTAR ALLEN KEY
S16Q SVUCR/L-11	16	20	11	180	40	-8	0	VCM.1103..	-	-	SM2,5X7	T08
S20R SVUCR/L-11	20	25	13	200	40	-8	0					
S25S SVUCR/L-16	25	32	17	250	50	-9	0	VCM.1604..	SVC16SM	SS050535M	SM3.5X11	T15
S32T SVUCR/L-16	32	40	22	300	60	-9	0					
S40V SVUCR/L-16	40	50	27	400	70	-9	0					

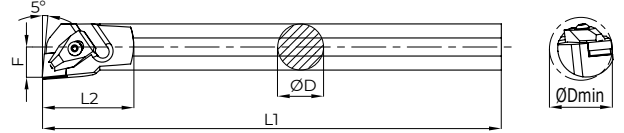
C TİPİ KATERLER İÇ



S... CKUNR/L

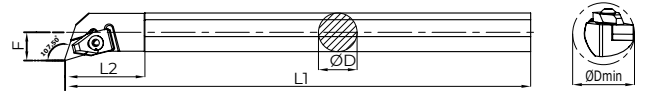
ISO	H1 H	B	F	L1	L2	AS	YO	UÇ INSERT	ALTLIK SHIM	ALTLIK VİDASI SHIM SCREW	PABUÇ CLAMP	VİDA SCREW	ANAHTAR ALLEN KEY
S25S CKUNR/L-16	25	32	17	250	50	-12	-5	KNUX 1604	SK16RCM SK16LCM	SS0310M	CC0016M	CS0627M	A3
S32T CKUNR/L-16	32	40	22	300	60	-12	-5						
S40V CKUNR/L-16	40	50	27	400	65	-9	-5						
S50W CKUNR/L-16	50	63	35	450	70	-7	-5						

T TİPİ KATERLER İÇ



S... TCLNR/L

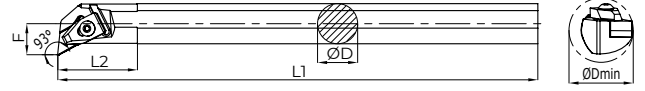
ISO	H1 H	B	F	L1	L2	AS	YO	UÇ INSERT	ALTLIK SHIM	ALTLIK VİDASI SHIM SCREW	PABUÇ CLAMP	PABUÇ VİDASI CLAMP SCREW	ANAHTAR ALLEN KEY
S25S TCLNR/L-12	25	32	17	250	50	-12	-5	CNM. 1204..	SCN12TM	SS0410M	CT0012M	CS0620M	A3
S32T TCLNR/L-12	32	40	22	300	60	-12	-5						
S40V TCLNR/L-12	40	50	27	400	70	-12	-5						
S32T TCLNR/L-16	32	40	22	300	60	-12	-5	CNM. 1606..	SCN16TM	SS0510M	CT0016M	CS0627M	
S40V TCLNR/L-16	40	40	27	400	70	-12	-5						
S50W TCLNR/L-16	50	63	35	450	75	-12	-5						
S60W TCLNR/L-16	60	75	40	450	75	-12	-5	CNM. 1906..	SCN19TM	SS0510M	CT0019M	CS0627M	
S40V TCLNR/L-19	40	40	27	400	70	-12	-5						
S50W TCLNR/L-19	50	63	35	450	75	-12	-5						



S... TDQNR/L

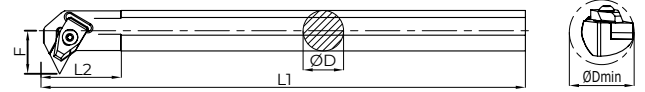
ISO	H1 H	B	F	L1	L2	AS	YO	UÇ INSERT	ALTLIK SHIM	ALTLIK VİDASI SHIM SCREW	PABUÇ CLAMP	PABUÇ VİDASI CLAMP SCREW	ANAHTAR ALLEN KEY
S25S TDQNR/L-15	25	32	17	250	50	-13	-5	DNM. 1506..	SDN15TM	SS0410M	CT0015M	CS0620M	A3
S32T TDQNR/L-15	32	40	22	300	60	-12	-5						
S40V TDQNR/L-15	40	50	27	400	70	-12	-5						
S50W TDQNR/L-15	50	63	35	450	75	-12	-5						

T TİPİ KATERLER İÇİ



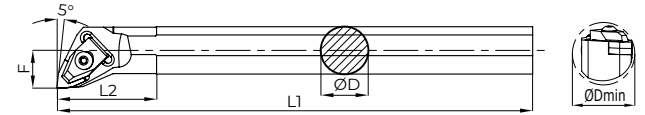
S... TDUNR/L

ISO	H1 H	B	F	L1	L2	AS	YO	UÇ INSERT	ALTLIK SHIM	ALTLIK VİDASI SHIM SCREW	PABUÇ CLAMP	PABUÇ VİDASI CLAMP SCREW	ANAHTAR ALLEN KEY
S20R TDUNR/L-11	20	25	13	200	40	-11	-5	DNM. 1104..	-	-	CT0011M	CS0515M	A3
S25S TDUNR/L-15	25	32	17	250	50	-13	-5	DNM. 1506..	SDN15TM	SS0410M	CT0015M	CS0620M	
S32T TDUNR/L-15	32	40	22	300	60	-12	-5					CS0627M	
S40V TDUNR/L-15	40	50	27	400	70	-12	-5						
S50W TDUNR/L-15	50	63	35	450	75	-12	-5						
S60W TDUNR/L-15	60	75	40	450	75	-12	-5						



S... TD-NR/L

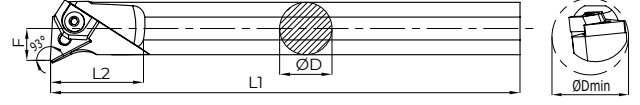
ISO	H1 H	B	F	L1	L2	AS	YO	UÇ INSERT	ALTLIK SHIM	ALTLIK VİDASI SHIM SCREW	PABUÇ CLAMP	PABUÇ VİDASI CLAMP SCREW	ANAHTAR ALLEN KEY
S32T TD-NR/L-15	32	43	27	300	60	-15	0	DNM. 1506	SDN15TM	SS0410M	CT0015M	CS0627M	A3
S40V TD-NR/L-15	40	50	30	400	70	-13	0						



S... TWLNR/L

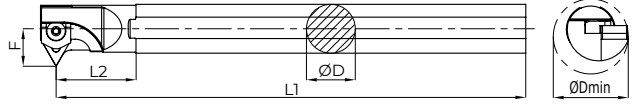
ISO	H1 H	B	F	L1	L2	AS	YO	UÇ INSERT	ALTLIK SHIM	ALTLIK VİDASI SHIM SCREW	PABUÇ CLAMP	PABUÇ VİDASI CLAMP SCREW	ANAHTAR ALLEN KEY
S20R TWLNR/L-06	16	20	11	180	35	-11	-5	WNM. 0602..	-	-	CT0006M	CS0515M	A3
A20R TWLNR/L-06	20	25	13	200	40	-11	-5						
S25S TWLNR/L-08	25	32	17	250	50	-13	-5	WNM. 0804..	SWN08TMM	SS0410M	CT0008M	CS0620M	
A25S TWLNR/L-08	25	32	17	250	50	-13	-5					CS0627M	
S32T TWLNR/L-08	32	40	22	300	60	-12	-5						
S40V TWLNR/L-08	40	50	27	400	70	-12	-5						
S50W TWLNR/L-08	50	63	35	450	75	-12	-5						
S60W TWLNR/L-08	60	75	40	450	75	-12	-5						

M TİPİ KATERLER İÇ



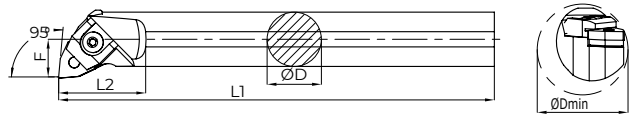
S... MTUNR/L

ISO	H1 H	B	F	L1	L2	AS	YO	UÇ INSERT	ALTLIK SHIM	ALTLIK PİMİ SHIM PIN	PABUÇ CLAMP	VİDA SCREW	ANAHTAR ALLEN KEY
S20R MTUNR/L-16	20	25	13	200	40	-13	-5	TNM. 1604..	-	-	CM0016M	CS0515M	A3
S25S MTUNR/L-16	25	32	17	250	50	-12	-5		STN16TMM	SP0536125M		CS0523M	
S32T MTUNR/L-16	32	40	22	300	60	-12	-5			SPTN22M	SP053615M	CS0627M	
S40V MTUNR/L-16	40	50	27	400	70	-12	-5		TNM. 2204..		STN22TMM	SPTN22M	
S32T MTUNR/L-22	32	40	22	300	60	-12	-5	TNM. 2204..	STN22TMM	SPTN22M	CM0022M	CS0627M	
S40V MTUNR/L-22	40	50	27	400	70	-12	-5						
S50W MTUNR/L-22	50	63	35	450	75	-12	-5						



S... MT-NR/L

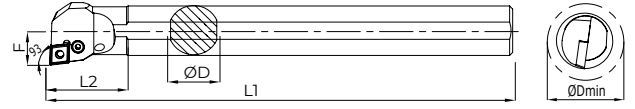
ISO	H1 H	B	F	L1	L2	AS	YO	UÇ INSERT	ALTLIK SHIM	ALTLIK PİMİ SHIM PIN	PABUÇ CLAMP	VİDA SCREW	ANAHTAR ALLEN KEY
S20R MT-NR/L-16	20	25	13	200	40	-13	0	TNM. 1604..	-	-	CM0016M	CS0515M	A3
S25S MT-NR/L-16	25	32	17	250	50	-12	0		STN16TMM	SP053615M		CS0523M	
S32T MT-NR/L-16	32	40	22	300	60	-11	0			SPTN22M	SP053615M	CS0627M	
S40V MT-NR/L-16	40	50	27	400	70	-11	0		TNM. 2204..		STN22TMM	SPTN22M	
S32T MT-NR/L-22	32	40	22	300	60	-11	0	TNM. 2204..	STN22TMM	SPTN22M	CM0022M	CS0627M	
S40V MT-NR/L-22	40	50	27	400	70	-11	0						



S... MWLNR/L

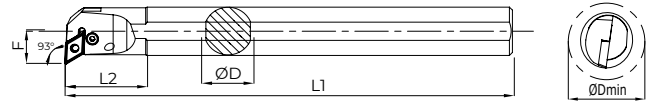
ISO	H1 H	B	F	L1	L2	AS	YO	UÇ INSERT	ALTLIK SHIM	ALTLIK PİMİ SHIM PIN	PABUÇ CLAMP	VİDA SCREW	ANAHTAR ALLEN KEY
S16Q MWLNR/L-06	16	20	11	180	-5	-13	-5	WNM. 0604..	-	SP053615M	CM0006M	CS0515M	A3
S20R MWLNR/L-06	20	25	13	200	-5	-13	-5		WNM. 0804..	SWN08TMM	SPWN08M	CM0008M	
S25S MWLNR/L-08	25	32	17	250	-5	-13	-5	CS0627M					
S32T MWLNR/L-08	32	40	22	300	-5	-12	-5						
S40V MWLNR/L-08	40	50	27	400	-5	-14	-5						
S50W MWLNR/L-08	50	63	35	450	-5	-12	-5						

P TİPİ KATERLER İÇ



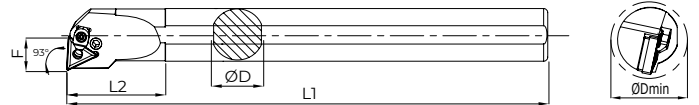
S... PCLNR/L

ISO	H1 H	B	F	L1	L2	AS	YO	UÇ INSERT	ALTLIK SHIM	LEVYE LEVER	VİDA SCREW	ALTLIK PİMİ SHIM PIN	ANAHTAR ALLEN KEY
S25S PCLNR/L-12	25	32	17	250	-5	-13	-5	CNM. 1204..	SCN12PM	LP012M	S00KM8M	SP012M	A3
S32T PCLNR/L-12	32	40	22	300	-5	-12	-5						
S40V PCLNR/L-12	40	50	27	400	-5	-14	-5						
S32T PCLNR/L-16	32	40	22	300	-5	-12	-5	CNM. 1606..	SCN16PM	LP016M	S00KM8M	SP016M	A3
S40V PCLNR/L-16	40	50	27	400	-5	-14	-5						
S40V PCLNR/L-19	50	63	35	450	-5	-12	-5	CNM. 1906..	SCN19PM	LP019M	S00KM8M	SP019M	A5



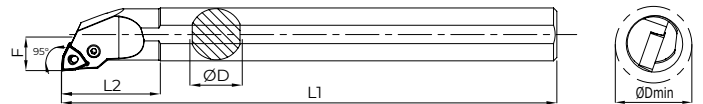
S... PDUNR/L

ISO	H1 H	B	F	L1	L2	AS	YO	UÇ INSERT	ALTLIK SHIM	LEVYE LEVER	VİDA SCREW	ALTLIK PİMİ SHIM PIN	ANAHTAR ALLEN KEY
S25S PDUNR/L-15	25	32	17	250	50	-13	-5	DNM. 1506..	SDN15PM	LP012M	S00KM8M	SP012M	A3
S32T PDUNR/L-15	32	40	22	300	60	-12	-5						
S40V PDUNR/L-15	40	50	27	400	70	-12	-5						



S... PTUNR/L




ISO	H1 H	B	F	L1	L2	AS	YO	UÇ INSERT	ALTLIK SHIM	LEVYE LEVER	VİDA SCREW	ALTLIK PİMİ SHIM PIN	ANAHTAR ALLEN KEY
S32T PTUNR/L-22	32	40	22	300	60	-12	-5	TNM. 2204..	STN22PM	LP012M	S00KM8M	SP012M	A3
S40V PTUNR/L-22	40	50	27	400	70	-12	-5						






S... PWLNR/L

ISO	H1 H	B	F	L1	L2	AS	YO	UÇ INSERT	ALTLIK SHIM	LEVYE LEVER	VİDA SCREW	ALTLIK PİMİ SHIM PIN	ANAHTAR ALLEN KEY
S25S PWLNR/L-08	25	32	17	250	-5	-13	-5	WNM. 0804..	SWN08PM	LP012M	S00KM8M	SP012M	A3
S32T PWLNR/L-08	32	40	22	300	-5	-12	-5						
S40V PWLNR/L-08	40	50	27	400	-5	-14	-5						

NEGATİF UÇLAR
CNGG

ÜRÜN GÖRSELİ	CB	ISO			KALİTELER						
		UÇ KODU INSERT CODE	ap (mm)	fn (mm/dev)	Vc						
					CN7610 350 (100-600)	CN7715 300 (100-500)	CN7120 250 (100-400)	CN7130 220 (90-350)	CP5115 300 (100-500)	CP1120 250 (100-400)	
	CPM1	CNGG 120402R/L	0,20-2,0	0,08-0,25		●					○
		CNGG 120404R/L	0,24-2,4	0,10-0,25		●					○
		CNGG 120408R/L	0,26-2,6	0,10-0,28		□					□
	CPM2	CNGG 120402R/L	0,35-2,0	0,10-0,18	○			□	●		
		CNGG 120404R/L	0,50-2,5	0,12-0,20	○			□	●		
		CNGG 120408R/L	0,80-3,0	0,13-0,30	□			□	□		
	CTF	CNGG 120402R/L	0,30-1,2	0,10-0,20	○	●					
		CNGG 120404R/L	0,30-1,2	0,10-0,20	○	●					
		CNGG 120408R/L	0,50-1,2	0,10-0,20	□	□					

CNMG


ÜRÜN GÖRSELİ	CB	ISO			KALİTELER					
		UÇ KODU INSERT CODE	ap (mm)	fn (mm/dev)	Vc					
					CN7610 350 (100-600)	CN7715 300 (100-500)	CN7120 250 (100-400)	CN7130 220 (90-350)	CP5115 300 (100-500)	CP1120 250 (100-400)
	CES	CNMG 120404	0,22-1,2	0,07-0,20		○	●		○	●
		CNMG 120408	0,25-1,5	0,10-0,22		○	●		○	●
	CEM	CNMG 120404	0,22-1,2	0,07-0,20	○	●		○	●	
		CNMG 120408	0,25-1,5	0,10-0,22	○	●		○	●	
	CM	CNMG 120404	0,24-2,4	0,10-0,25	○	●	□			□
		CNMG 120408	0,26-2,6	0,10-0,28	○	●	□			□

● Stok ürün | Stock item




○ Stok dışı ürün | Non stock item

□ Özel ürün | Special order


DNGG

ÜRÜN GÖRSELİ	CB	ISO		KALİTELER						
		Vc		350 (100-600)	300 (100-500)	250 (100-400)	220 (90-350)	300 (100-500)	250 (100-400)	
	UÇ KODU INSERT CODE		ap (mm)	f _n (mm/dev)	CN7610	CN7115	CN7120	CN7130	CP5115	CP1120
	CPM2	DNGG 150404R/L	0,50-2,5	0,12-0,20	○			□	●	
		DNGG 150408R/L	0,80-3,0	0,13-0,30	○			□	●	

DNMG

ÜRÜN GÖRSELİ	CB	ISO		KALİTELER						
		Vc		350 (100-600)	300 (100-500)	250 (100-400)	220 (90-350)	300 (100-500)	250 (100-400)	
	UÇ KODU INSERT CODE		ap (mm)	f _n (mm/dev)	CN7610	CN7115	CN7120	CN7130	CP5115	CP1120
	CEF	DNMG 150404R/L	0,20-1,6	0,10-0,16	○	●		□	●	□
		DNMG 150408R/L	0,22-2,0	0,12-0,20	○	●		□	●	□
	CES	DNMG 150404	0,22-1,2	0,07-0,20		○	●		○	●
		DNMG 150408	0,25-1,5	0,10-0,22		○	●		○	●
	CEM	DNMG 150404	0,22-1,2	0,07-0,20	○	●		○	●	
		DNMG 150408	0,25-1,5	0,10-0,22	○	●		○	●	

SNGG




ÜRÜN GÖRSELİ	CB	ISO		KALİTELER						
		Vc		350 (100-600)	300 (100-500)	250 (100-400)	220 (90-350)	300 (100-500)	250 (100-400)	
	UÇ KODU INSERT CODE		ap (mm)	f _n (mm/dev)	CN7610	CN7115	CN7120	CN7130	CP5115	CP1120
	CPM1	SNGG 0902302R/L	0,20-2,0	0,08-0,25		●				○
		SNGG 090304R/L	0,24-2,4	0,10-0,25		●				○
		SNGG 120408R/L	0,26-2,6	0,10-0,28		●				○

● Stok ürün | Stock item






○ Stok dışı ürün | Non stock item

□ Özel ürün | Special order

TNGG

ÜRÜN GÖRSELİ	CB	ISO			KALİTELER						
		UÇ KODU INSERT CODE	ap (mm)	fn (mm/dev)	Vc						
					CN7610	CN7115	CN7120	CN7130	CP5115	CP1120	
	CPMT	TNGG 160402R/L	0,20-2,0	0,08-0,25		□					□
		TNGG 160404R/L	0,24-2,4	0,10-0,25		●					○
		TNGG 160408R/L	0,26-2,6	0,10-0,28		●					○
	CPM	TNGG 160402R/L	0,35-2,0	0,10-0,18	○			□	●		
		TNGG 160404R/L	0,50-2,5	0,12-0,20	○			□	●		
	CTF	TNGG 160402R/L	0,30-1,2	0,10-0,20	○	●					
		TNGG 160404R/L	0,30-1,2	0,10-0,20	○	●					

TNMG


ÜRÜN GÖRSELİ	CB	ISO			KALİTELER					
		UÇ KODU INSERT CODE	ap (mm)	fn (mm/dev)	Vc					
					CN7610	CN7115	CN7120	CN7130	CP5115	CP1120
	CEF	TNMG 160404R/L	0,20-1,6	0,10-0,16	○	●		□	●	□
		TNMG 160408R/L	0,22-2,0	0,12-0,20	○	●		□	●	□
	CES	TNMG 160404	0,22-1,2	0,07-0,20		○	●		○	●
		TNMG 160408	0,25-1,5	0,10-0,22		○	●		○	●
	CEM	TNMG 160404	0,22-1,2	0,07-0,20	○	●		○	●	
		TNMG 160408	0,25-1,5	0,10-0,22	○	●		○	●	
	CM	TNMG 160404	0,24-2,4	0,10-0,25	○	●	□			□
		TNMG 160408	0,26-2,6	0,10-0,28	○	●	□			□
	CPMT	TNMG 160404R/L	0,24-2,4	0,10-0,25		●				○
		TNMG 160408R/L	0,26-2,6	0,10-0,28		●				○

● Stok ürün | Stock item


○ Stok dışı ürün | Non stock item

□ Özel ürün | Special order




TNMG

ÜRÜN GÖRSELİ	CB	ISO			KALİTELER					
		Vc			350 (100-600)	300 (100-500)	250 (100-400)	220 (90-350)	300 (100-500)	250 (100-400)
	UÇ KODU INSERT CODE			ap (mm)	fn (mm/dev)	CN7610	CN7115	CN7120	CN7130	CP5115
	CPM2	TNMG 160404R/L	0,50-2,5	0,12-0,20	○			□	●	
		TNMG 160408R/L	0,80-3,0	0,13-0,30	○			□	●	

VNGG

ÜRÜN GÖRSELİ	CB	ISO			KALİTELER					
		Vc			350 (100-600)	300 (100-500)	250 (100-400)	220 (90-350)	300 (100-500)	250 (100-400)
	UÇ KODU INSERT CODE			ap (mm)	fn (mm/dev)	CN7610	CN7115	CN7120	CN7130	CP5115
	CPM2	VNGG 160402	0,35-2,0	0,10-0,18	○			□	●	
		VNGG 160404	0,50-2,5	0,12-0,20	○			□	●	

VNMG



ÜRÜN GÖRSELİ	CB	ISO			KALİTELER					
		Vc			350 (100-600)	300 (100-500)	250 (100-400)	220 (90-350)	300 (100-500)	250 (100-400)
	UÇ KODU INSERT CODE			ap (mm)	fn (mm/dev)	CN7610	CN7115	CN7120	CN7130	CP5115
	CEF	VNMG 160402	0,10-1,5	0,08-0,15		●		□	●	□
		VNMG 160404	0,20-1,6	0,10-0,16	○	●		□	●	□
		VNMG 160408	0,22-2,0	0,12-0,20	○	●		□	●	□
	CEM	VNMG 160404	0,22-1,2	0,07-0,20	○	●		○	●	
		VNMG 160408	0,25-1,5	0,10-0,22	○	●		○	●	
	CFG	VNMG 160404	0,24-2,4	0,10-0,25		●		○	●	
		VNMG 160408	0,26-2,6	0,10-0,28		●		○	●	

● Stok ürün | Stock item





○ Stok dışı ürün | Non stock item

□ Özel ürün | Special order

WNGG

ÜRÜN GÖRSELİ	CB	ISO		KALİTELER						
				Vc	350 (100-600)	300 (100-500)	250 (100-400)	220 (90-350)	300 (100-500)	250 (100-400)
		UÇ KODU INSERT CODE	ap (mm)	f _n (mm/dev)	CN7610	CN7115	CN7120	CN7130	CP5115	CP1120
	CPFT	WNGG 080402R/L	0,10-1,5	0,08-0,15		•		□	•	□
		WNGG 080404R/L	0,20-1,6	0,10-0,16	○	•		□	•	□
		WNGG 080408R/L	0,22-2,0	0,12-0,20	○	•		□	•	□
	CPM1	WNGG 060404R/L	0,10-1,6	0,05-0,30		•				○
		WNGG 060408R/L	0,10-1,6	0,05-0,30		•				○
		WNGG 080402R/L	0,20-2,0	0,08-0,25		•				○
		WNGG 080404R/L	0,24-2,4	0,10-0,25		•				○
		WNGG 080408R/L	0,26-2,6	0,10-0,28		•				○

WNMG

ÜRÜN GÖRSELİ	CB	ISO		KALİTELER						
				Vc	350 (100-600)	300 (100-500)	250 (100-400)	220 (90-350)	300 (100-500)	250 (100-400)
		UÇ KODU INSERT CODE	ap (mm)	f _n (mm/dev)	CN7610	CN7115	CN7120	CN7130	CP5115	CP1120
	CEM	WNMG 080404	0,20-1,0	0,05-0,18	○	•		○	•	
		WNMG 080408	0,22-1,2	0,07-0,20	○	•		○	•	
		WNMG 080412	0,25-1,5	0,10-0,22	○	•		○	•	
	CFG	WNMG 080404	0,20-2,0	0,08-0,25		•		○	•	
		WNMG 080408	0,24-2,4	0,10-0,25		•		○	•	
		WNMG 080412	0,26-2,6	0,10-0,28		•		○	•	
	CM	WNMG 080404	0,20-2,0	0,08-0,25	○	•	□			□
		WNMG 080408	0,24-2,4	0,10-0,25	○	•	□			□
		WNMG 080412	0,26-2,6	0,10-0,28	○	•	□			□
	CPM2	WNMG 080404	0,50-2,5	0,12-0,20	○			□	•	
		WNMG 080408	0,80-3,0	0,13-0,30	○			□	•	




• Stok ürün | Stock item

○ Stok dışı ürün | Non stock item




□ Özel ürün | Special order

POZİTİF UÇLAR

CCGT

ÜRÜN GÖRSELİ	CB	ISO		KALİTELER						
		UÇ KODU INSERT CODE	ap (mm)	fn (mm/dev)	Vc					
					CN7610 350 (100-600)	CN7115 300 (100-500)	CN7120 250 (100-400)	CN7130 220 (90-350)	CP5115 300 (100-500)	CP1120 250 (100-400)
	CL2	CCGT 060202R/L	0,20-1,0	0,05-0,18	•		□	•		
		CCGT 060204R/L	0,22-1,2	0,07-0,20	•		□	•		
		CCGT 09T302R/L	0,25-1,5	0,10-0,22	•		□	•		
		CCGT 09T304R/L	0,22-1,2	0,07-0,20	•		□	•		
	CPFI	CCGT 060202R/L	0,20-2,0	0,08-0,25	•	○	□			
		CCGT 060204R/L	0,24-2,4	0,10-0,25	•	○	□			
		CCGT 09T302R/L	0,26-2,6	0,10-0,28	•	○	□			
		CCGT 09T304R/L	0,24-2,4	0,10-0,25	•	○	□			
	CLH	CCGT 060202R/L	0,20-2,0	0,08-0,25		□	○	•		
		CCGT 060204R/L	0,24-2,4	0,10-0,25		□	○	•		
		CCGT 09T302R/L	0,26-2,6	0,10-0,28		□	○	•		
		CCGT 09T304R/L	0,24-2,4	0,10-0,25		□	○	•		

CCMT




ÜRÜN GÖRSELİ	CB	ISO		KALİTELER						
		UÇ KODU INSERT CODE	ap (mm)	fn (mm/dev)	Vc					
					CN7610 350 (100-600)	CN7115 300 (100-500)	CN7120 250 (100-400)	CN7130 220 (90-350)	CP5115 300 (100-500)	CP1120 250 (100-400)
	CPFI	CCMT 060202	0,20-2,0	0,08-0,25	•	○	□			
		CCMT 060204	0,24-2,4	0,10-0,25	•	○	□			
		CCMT 09T302	0,26-2,6	0,10-0,28	•	○	□			
		CCMT 09T304	0,24-2,4	0,10-0,25	•	○	□			
		CCMT 09T308	0,26-2,6	0,10-0,28	•	○	□			
	CFI	CCMT 060202	0,50-2,00	0,06-0,12		•	•		□ □	
		CCMT 060204	0,50-2,00	0,08-0,22		•	•		□ □	
		CCMT 09T302	0,50-2,00	0,10-0,25		•	•		□ □	
		CCMT 09T304	0,50-2,00	0,08-0,22		•	•		□ □	
		CCMT 09T308	0,50-2,00	0,10-0,25		•	•		□ □	
	CMT	CCMT 060202	0,35-2,0	0,10-0,18	□		○		• •	
		CCMT 060204	0,50-2,5	0,12-0,20	□		○		• •	
		CCMT 09T302	0,80-3,0	0,13-0,30	□		○		• •	
		CCMT 09T304	0,50-2,5	0,12-0,20	□		○		• •	
		CCMT 09T308	0,80-3,0	0,13-0,30	□		○		• •	

• Stok ürün | Stock item



○ Stok dışı ürün | Non stock item

□ Özel ürün | Special order

DCGT

ÜRÜN GÖRSELİ	CB	ISO			KALİTELER					
		UÇ KODU INSERT CODE	ap (mm)	fn (mm/dev)	Vc					
					350 (100-600)	300 (100-500)	250 (100-400)	220 (90-350)	300 (100-500)	250 (100-400)
				CN7610	CN7115	CN7120	CN7130	CP5115	CP1120	
	CL2	DCGT 070202R/L	0,20-1,0	0,05-0,18		●		□	●	
		DCGT 070204R/L	0,22-1,2	0,07-0,20		●		□	●	
		DCGT 11T302R/L	0,20-1,0	0,05-0,18		●		□	●	
		DCGT 11T304R/L	0,22-1,2	0,07-0,20		●		□	●	
	CPI	DCGT 070202R/L	0,20-2,0	0,08-0,25	●	○	□			
		DCGT 070204R/L	0,24-2,4	0,10-0,25	●	○	□			
		DCGT 070208R/L	0,26-2,6	0,10-0,28	●	○	□			
		DCGT 11T302R/L	0,20-2,0	0,08-0,25	●	○	□			
		DCGT 11T304R/L	0,24-2,4	0,10-0,25	●	○	□			
	CLH	DCGT 11T302R/L	0,20-2,0	0,08-0,25		□	○	●		
		DCGT 11T304R/L	0,24-2,4	0,10-0,25		□	○	●		

DCMT


ÜRÜN GÖRSELİ	CB	ISO			KALİTELER					
		UÇ KODU INSERT CODE	ap (mm)	fn (mm/dev)	Vc					
					350 (100-600)	300 (100-500)	250 (100-400)	220 (90-350)	300 (100-500)	250 (100-400)
				CN7610	CN7115	CN7120	CN7130	CP5115	CP1120	
	CFC	DCMT 070204	0,20-1,6	0,10-0,16		□	●	○	□	●
		DCMT 11T304	0,20-1,6	0,10-0,16		□	●	○	□	●
		DCMT 11T308	0,22-2,0	0,12-0,20				●		●
	CFI	DCMT 070202	0,50-2,00	0,06-0,12		●	●		□	□
		DCMT 070204	0,50-2,00	0,08-0,22		●	●		□	□
		DCMT 070208	0,50-2,00	0,10-0,25		●	●		□	□
		DCMT 11T302	0,50-2,00	0,06-0,12		●	●		□	□
		DCMT 11T304	0,50-2,00	0,08-0,22		●	●		□	□
		DCMT 11T308	0,50-2,00	0,10-0,25		●	●			

● Stok ürün | Stock item


○ Stok dışı ürün | Non stock item

□ Özel ürün | Special order


TBGT

ÜRÜN GÖRSELİ	CB	ISO		KALİTELER						
			Vc	350 (100-600)	300 (100-500)	250 (100-400)	220 (90-350)	300 (100-500)	250 (100-400)	
	UÇ KODU INSERT CODE	ap (mm)	fn (mm/dev)	CN7610	CN7115	CN7120	CN7130	CP5115	CP1120	
	CL2	TBGT 060102L	0,20-1,0	0,05-0,18		•		□	•	
		TBGT 060104L	0,22-1,2	0,07-0,20		•		□	•	
		TBGH 060102L	0,10-1,5	0,08-0,15		•		□	•	
		TBGH 060104L	0,20-1,6	0,10-0,16		•		□	•	

TCGT

ÜRÜN GÖRSELİ	CB	ISO		KALİTELER						
			Vc	350 (100-600)	300 (100-500)	250 (100-400)	220 (90-350)	300 (100-500)	250 (100-400)	
	UÇ KODU INSERT CODE	ap (mm)	fn (mm/dev)	CN7610	CN7115	CN7120	CN7130	CP5115	CP1120	
	CL2	TCGT 110202L	0,20-1,0	0,05-0,18		•		□	•	
		TCGT 110204L	0,22-1,2	0,07-0,20		•		□	•	
		TCGT 16T302L	0,22-1,2	0,07-0,20		•			•	
		TCGT 16T304L	0,25-1,5	0,10-0,22		•			•	

TCMT



ÜRÜN GÖRSELİ	CB	ISO		KALİTELER						
			Vc	350 (100-600)	300 (100-500)	250 (100-400)	220 (90-350)	300 (100-500)	250 (100-400)	
	UÇ KODU INSERT CODE	ap (mm)	fn (mm/dev)	CN7610	CN7115	CN7120	CN7130	CP5115	CP1120	
	CPEI	TCMT 090202	0,20-2,0	0,08-0,25	•	○	□			
		TCMT 090204	0,24-2,4	0,10-0,25	•	○	□			
		TCMT 110202	0,20-2,0	0,08-0,25	•	○	□			
		TCMT 110204	0,24-2,4	0,10-0,25	•	○	□			
		TCMT 110208	0,26-2,6	0,10-0,28	•	○	□			
		TCMT 110302	0,20-2,0	0,08-0,25	•					
		TCMT 110304	0,24-2,4	0,10-0,25	•					
		TCMT 110308	0,26-2,6	0,10-0,28	•					
		TCMT 16T304	0,24-2,4	0,10-0,25	•					
		TCMT 16T308	0,26-2,6	0,10-0,28	•					

• Stok ürün | Stock item


○ Stok dışı ürün | Non stock item

□ Özel ürün | Special order


TCMT

ÜRÜN GÖRSELİ	CB	ISO		KALİTELER						
			Vc	350 (100-600)	300 (100-500)	250 (100-400)	220 (90-350)	300 (100-500)	250 (100-400)	
		UÇ KODU INSERT CODE	ap (mm)	f _n (mm/dev)	CN7610	CN7115	CN7120	CN7130	CP5115	CP1120
	CFI	TCMT 090202	0,50-2,00	0,06-0,12		●	●		□	□
		TCMT 090204	0,50-2,00	0,08-0,22		●	●		□	□
		TCMT 110202	0,50-2,00	0,06-0,12		●	●		□	□
		TCMT 110204	0,50-2,00	0,08-0,22		●	●		□	□
		TCMT 110208	0,50-2,00	0,10-0,25		●	●		□	□
		TCMT 110302	0,50-2,00	0,06-0,12		●	●			
		TCMT 110304	0,50-2,00	0,08-0,22		●	●			
		TCMT 110308	0,50-2,00	0,10-0,25		●	●			
		TCMT 16T304	0,50-2,00	0,08-0,22		●	●			
		TCMT 16T308	0,50-2,00	0,10-0,25		●	●			
	CMT	TCMT 110204	0,50-2,5	0,12-0,20	□		○		●	●
		TCMT 16T304	0,50-2,5	0,12-0,20	□		○		●	●

TPGT

ÜRÜN GÖRSELİ	CB	ISO		KALİTELER						
			Vc	350 (100-600)	300 (100-500)	250 (100-400)	220 (90-350)	300 (100-500)	250 (100-400)	
		UÇ KODU INSERT CODE	ap (mm)	f _n (mm/dev)	CN7610	CN7115	CN7120	CN7130	CP5115	CP1120
	CLF	TPGT 090202	0,30-1,2	0,10-0,20			□	●		
		TPGT 090204	0,30-1,2	0,10-0,20			□	●		
		TPGT 110302	0,30-1,2	0,10-0,20				●		
		TPGT 110304	0,30-1,2	0,10-0,20				●		
		TPGT 110308	0,50-1,2	0,10-0,20				●		

TPMT



ÜRÜN GÖRSELİ	CB	ISO		KALİTELER						
			Vc	350 (100-600)	300 (100-500)	250 (100-400)	220 (90-350)	300 (100-500)	250 (100-400)	
		UÇ KODU INSERT CODE	ap (mm)	f _n (mm/dev)	CN7610	CN7115	CN7120	CN7130	CP5115	CP1120
	CALI	TPMT 110302	0,10-1,5	0,08-0,15		○	○	○	○	○
		TPMT 110304	0,20-1,6	0,10-0,16		□	●	○	□	●
		TPMT 110308	0,22-2,0	0,12-0,20			○	○	○	○

● Stok ürün | Stock item

○ Stok dışı ürün | Non stock item

□ Özel ürün | Special order

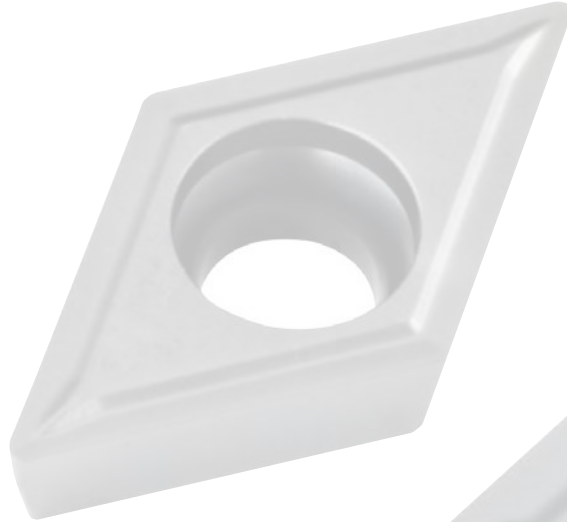
TPMT

ÜRÜN GÖRSELİ	CB	ISO			KALİTELER								
		UÇ KODU INSERT CODE	ap (mm)	fn (mm/dev)	Vc	350 (100-600)	300 (100-500)	250 (100-400)	220 (90-350)	300 (100-500)	250 (100-400)		
					CN7610	CN7115	CN7120	CN7130	CP5115	CP1120			
		TPMT 110302	0,50-2,00	0,06-0,12		•	•			□	□		
		TPMT 110304	0,50-2,00	0,08-0,22			•	•					
		TPMT 110308	0,50-2,00	0,10-0,25			•	•					

• Stok ürün | Stock item

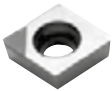
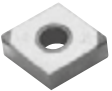
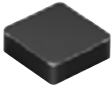
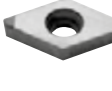
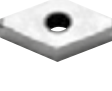
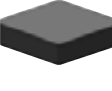

○ Stok dışı ürün | Non stock item

□ Özel ürün | Special order



Boyutlar (mm)							
Ölçü	d	t	d ₁	Ölçü	d	t	d ₁
06	6.35	2.38	2.8	11	9.525	3.97	4.4
07	6.35	2.38	2.8	12	12.7	4.76	5.16
09	9.525	3.97	4.4	16	9.525	4.76	3.81

CBN KESİCİ UÇLAR

ÜRÜN GÖRSELİ	ISO			K/S/H									
	UÇ KODU INSERT CODE	ap (mm)	f _n (mm/dev)	Vc									
				BN7405	BN7410	BN7415	BN7210	BP7405	BP7410	BS7404	BS7408		
	CCGW 040101	0,01-0,35	0,02-0,20	•	•								
	CCGW 040102	0,01-0,35	0,02-0,20	•	•								
	CCGW 050202	0,01-0,35	0,02-0,20	•	•								
	CCGW 060202	0,01-0,35	0,02-0,20	•	•								
	CCGW 080202	0,01-0,35	0,02-0,20	•	•								
	CCGW 090302	0,01-0,35	0,02-0,20	•	•								
	CCGW 09T302	0,01-0,35	0,02-0,20	•	•								
	CCGW 120402	0,01-0,35	0,02-0,20	•	•								
	CPGW 080202	0,01-0,35	0,02-0,20	•	•								
CPGW 090302	0,01-0,35	0,02-0,20	•	•									
	CNGA 090402	0,01-0,35	0,02-0,20	•	•							•	•
	CNGA 120402	0,01-0,35	0,02-0,20	•	•							•	•
	CNGA 160604	0,08-0,60	0,05-0,25	•	•							•	•
	CNGA 190604	0,08-0,60	0,05-0,25	•	•							•	•
	CNGN 120408	0,10-4,0	0,10-0,50									•	•
	DCGW 070202	0,01-0,35	0,02-0,20	•	•								
	DCGW 11T302	0,01-0,35	0,02-0,20	•	•								
	DCGW 150404	0,08-0,60	0,05-0,25	•	•								
	DPGW 11T302	0,01-0,35	0,02-0,20	•	•								
	DNKA 110404	0,08-0,60	0,05-0,25	•	•		•						
	DNKA 150404	0,08-0,60	0,05-0,25	•	•		•					•	•
	DNKA 150604	0,08-0,60	0,05-0,25	•	•		•					•	•
	DNKA 190604	0,08-0,60	0,05-0,25	•	•		•					•	•
	DNGN 150408	0,10-4,0	0,10-0,50									•	•
	RCGW 080300	0,20-0,80	0,02-0,20									•	•
	RCGW 100300	0,20-0,80	0,02-0,20									•	•
	RCGW 120400	0,20-0,80	0,02-0,20									•	•
	RCGW 160600	0,20-0,80	0,02-0,20									•	•
	RCGW200600	0,20-0,80	0,02-0,20									•	•
	RPGW 080300	0,20-0,80	0,02-0,20									•	•
	RPGW 100300	0,20-0,80	0,02-0,20									•	•
	RPGW 120400	0,20-0,80	0,02-0,20									•	•
	RPGW 160600	0,20-0,80	0,02-0,20									•	•
	RPGW 200600	0,20-0,80	0,02-0,20									•	•









• Stok ürün | Stock item

○ Stok dışı ürün | Non stock item

□ Özel ürün | Special order

Boyutlar (mm)							
Ölçü	d	t	d ₁	Ölçü	d	t	d ₁
06	6.35	2.38	2.8	11	9.525	3.97	4.4
07	6.35	2.38	2.8	12	12.7	4.76	5.16
09	9.525	3.97	4.4	16	9.525	4.76	3.81

CBN KESİCİ UÇLAR

ÜRÜN GÖRSELİ	ISO			K/S/H									
	UÇ KODU INSERT CODE	ap (mm)	f _n (mm/dev)	Vc									
				BN7405	BN7410	BN7415	BN7210	BP7405	BP7410	BS7404	BS7408		
	SCGW 060202	0,01-0,35	0,02-0,20	•	•								
	SCGW 080302	0,01-0,35	0,02-0,20	•	•								
	SCGW 090302	0,01-0,35	0,02-0,20	•	•								
	SCGW 09T304	0,50-3,00	0,05-0,25	•	•								
	SCGW 120404	0,08-0,60	0,05-0,25	•	•								
	SNGA 090304	0,08-0,60	0,05-0,25	•	•							•	•
	SNGA 120404	0,08-0,60	0,05-0,25	•	•							•	•
	SNGA 150404	0,08-0,60	0,05-0,25	•	•							•	•
	SNGA 150604	0,08-0,60	0,05-0,25	•	•							•	•
	SNGA 190604	0,08-0,60	0,05-0,25	•	•							•	•
	SCGN 060302	0,01-0,35	0,02-0,20	•	•								
	SCGN 120302	0,01-0,35	0,02-0,20	•	•								
	SNGN 090302	0,01-0,35	0,02-0,20	•	•							•	•
	SNGN 150404	0,08-0,60	0,05-0,25	•	•							•	•
	SPGN 050202	0,01-0,35	0,02-0,20	•	•							•	•
	SPGN 060302	0,01-0,35	0,02-0,20	•	•							•	•
	SPGN 070202	0,01-0,35	0,02-0,20	•	•							•	•
	SPGN 090302	0,01-0,35	0,02-0,20	•	•							•	•
	SPGN 120302	0,01-0,35	0,02-0,20	•	•							•	•
	SPGW 080202	0,01-0,35	0,02-0,20	•	•							•	•
	SPGW 090302	0,01-0,35	0,02-0,20	•	•							•	•
	SPGW 09T304	0,08-0,60	0,05-0,25	•	•							•	•
	SPGW 120404	0,08-0,60	0,05-0,25	•	•							•	•
	TCGN 060201	0,01-0,35	0,02-0,20	•	•								
	TCGN 090202	0,01-0,35	0,02-0,20	•	•								
	TCGN 160302	0,01-0,35	0,02-0,20	•	•								
	TBGW 060201	0,01-0,35	0,02-0,20	•	•								
	TCGW 080202	0,01-0,35	0,02-0,20	•	•								
	TCGW 090202	0,01-0,35	0,02-0,20	•	•								
	TCGW 110302	0,01-0,35	0,02-0,20	•	•								
	TCGW 130302	0,01-0,35	0,02-0,20	•	•								
	TCGW 160302	0,01-0,35	0,02-0,20	•	•								
	TCGW 160402	0,01-0,35	0,02-0,20	•	•								
	TCGW 16T302	0,01-0,35	0,02-0,20	•	•								
	TCGW 110202	0,01-0,35	0,02-0,20	•	•								
	TNGA 110302	0,01-0,35	0,02-0,20	•	•								
	TNGA 160402	0,01-0,35	0,02-0,20	•	•								
	TNGA 220402	0,01-0,35	0,02-0,20	•	•								
	TNGA 270602	0,01-0,35	0,02-0,20	•	•								
	TPGN 060201	0,01-0,35	0,02-0,20	•	•								
	TPGN 090202	0,01-0,35	0,02-0,20	•	•								
	TPGN 160302	0,01-0,35	0,02-0,20	•	•								






• Stok ürün | Stock item

○ Stok dışı ürün | Non stock item

□ Özel ürün | Special order

Boyutlar (mm)							
Ölçü	d	t	d ₁	Ölçü	d	t	d ₁
06	6.35	2.38	2.8	11	9.525	3.97	4.4
07	6.35	2.38	2.8	12	12.7	4.76	5.16
09	9.525	3.97	4.4	16	9.525	4.76	3.81

CBN KESİCİ UÇLAR

ÜRÜN GÖRSELİ	ISO			K/S/H									
	UÇ KODU INSERT CODE	ap (mm)	f _n (mm/dev)	Vc									
				BN7405	BN7410	BN7415	BN7210	BP7405	BP7410	BS7404	BS7408		
	TPGW 060201	0,01-0,35	0,02-0,20	•	•								
	TPGW 080202	0,01-0,35	0,02-0,20	•	•								
	TPGW 090202	0,01-0,35	0,02-0,20	•	•								
	TPGW 110302	0,01-0,35	0,02-0,20	•	•								
	TPGW 130302	0,01-0,35	0,02-0,20	•	•								
	TPGW 160302	0,01-0,35	0,02-0,20	•	•								
	TPGW 160402	0,01-0,35	0,02-0,20	•	•								
	TPGW 16T302	0,01-0,35	0,02-0,20	•	•								
	VBCGW 160404	0,08-0,60	0,05-0,25	•	•								
	VCGW 160404	0,08-0,60	0,05-0,25	•	•								
	VCGW 220404	0,08-0,60	0,05-0,25	•	•								
	VCGW 220504	0,08-0,60	0,05-0,25	•	•								
	VCGW 080202	0,01-0,35	0,02-0,20	•	•								
	VCGW 110202	0,01-0,35	0,02-0,20	•	•								
	VCGW 110302	0,01-0,35	0,02-0,20	•	•								
	VPGW 220404	0,08-0,60	0,05-0,25	•	•								
	VNGA 160404	0,08-0,60	0,05-0,25	•	•								
	VNGA 220404	0,08-0,60	0,05-0,25	•	•								
	WBGW 010101	0,01-0,35	0,02-0,20	•	•								
	WBGW 020202	0,01-0,35	0,02-0,20	•	•								
	WCGW 030202	0,01-0,35	0,02-0,20	•	•								
	WCGW 040202	0,01-0,35	0,02-0,20	•	•								
	WCGW 050302	0,01-0,35	0,02-0,20	•	•								
	WCGW 06T302	0,01-0,35	0,02-0,20	•	•								
	WCGW 100504	0,08-0,60	0,05-0,25	•	•								
	WNGA 060402	0,01-0,35	0,02-0,20	•	•								
	WNGA 080404	0,08-0,60	0,05-0,25	•	•								
	WNGA 100604	0,08-0,60	0,05-0,25	•	•								



• Stok ürün | Stock item

○ Stok dışı ürün | Non stock item

□ Özel ürün | Special order



Boyutlar (mm)			
Ölçü	d	t	d ₁
11	6.35	2.38	2.8
16	9.525	3.77	4.4

CBN KESİCİ UÇLAR

ÜRÜN GÖRSELİ	ISO			K/S/H							
	UÇ KODU INSERT CODE	ap (mm)	Vc f _n (mm/dev)	BN7405	BN7410	BN7415	BN7210	BP7405	BP7410	BS7404	BS7408
	APGW 1135L	0,01-0,35	0,02-0,20	•	•						
	APGW 1135R	0,01-0,35	0,02-0,20	•	•						
	APGW 160402	0,01-0,35	0,02-0,20	•	•						
	R590110504H-NL	0,01-0,35	0,02-0,20	•	•						

Boyutlar (mm)			
Ölçü	d	t	d ₁
11	6.35	2.38	2.8
16	9.525	3.77	4.4

CBN KESİCİ UÇLAR

ÜRÜN GÖRSELİ	ISO			K/S/H							
	UÇ KODU INSERT CODE	ap (mm)	Vc f _n (mm/dev)	BN7405	BN7410	BN7415	BN7210	BP7405	BP7410	BS7404	BS7408
	MGMN 150	0,01-0,35	0,02-0,20	•	•						
	MGMN 200	0,01-0,35	0,02-0,20	•	•						
	MGMN 250	0,01-0,35	0,02-0,20	•	•						
	MGMN 300	0,01-0,35	0,02-0,20	•	•						
	MGMN 400	0,01-0,35	0,02-0,20	•	•						
	MGMN 500	0,01-0,35	0,02-0,20	•	•						
	MGMN 600	0,01-0,35	0,02-0,20	•	•						
	MRMN 200	0,01-0,35	0,02-0,20	•	•						
	MRMN 300	0,01-0,35	0,02-0,20	•	•						
	MRMN 400	0,01-0,35	0,02-0,20	•	•						
	MRMN 500	0,08-0,60	0,05-0,25	•	•						
	MRMN 600	0,08-0,60	0,05-0,25	•	•						

• Stok ürün | Stock item

○ Stok dışı ürün | Non stock item

□ Özel ürün | Special order

Boyutlar (mm)							
Ölçü	d	t	d ₁	Ölçü	d	t	d ₁
06	6.35	2.38	2.8	11	9.525	3.97	4.4
07	6.35	2.38	2.8	12	12.7	4.76	5.16
08	7.94	2.38	3.4	16	12.7	4.76	5.16
09	9.525	3.97	4.4	16	9.525	4.76	3.81

PCD KESİCİ UÇLAR

ÜRÜN GÖRSELİ	ISO			N		
	UÇ KODU INSERT CODE	ap (mm)	f _n (mm/dev)	Vc		
				1300(1000-1600)	1100(800-1400)	1100(800-1400)
			DN7505	DN7510	DN7530	
	CCGT/W 040101	0,01-1,20	0,05-0,50	•	•	•
	CCGT/W 040102	0,01-1,20	0,05-0,50	•	•	•
	CCGT/W 050202	0,01-1,20	0,05-0,50	•	•	•
	CCGT/W 060202	0,01-1,20	0,05-0,50	•	•	•
	CCGT/W 080202	0,01-1,20	0,05-0,50	•	•	•
	CCGT/W 090302	0,01-1,20	0,05-0,50	•	•	•
	CCGT/W 09T302	0,01-1,20	0,05-0,50	•	•	•
	CCGT/W 120402	0,01-1,20	0,05-0,50	•	•	•
	CPGW 080202	0,01-1,20	0,05-0,50	•	•	•
	CPGW 090302	0,01-1,20	0,05-0,50	•	•	•
	DCGT/W 070202	0,01-1,20	0,05-0,50	•	•	•
	DCGT/W 11T302	0,01-1,20	0,05-0,50	•	•	•
	DCGT/W 150404	0,05-2,50	0,10-0,80	•	•	•
	DPGW 11T302	0,01-1,20	0,05-0,50	•	•	•
	RCGT/W 080300	0,05-2,50	0,10-0,80	•	•	•
	RCGT/W 100300	0,05-2,50	0,10-0,80	•	•	•
	RCGT/W 120400	0,05-2,50	0,10-0,80	•	•	•
	RCGT/W 160600	0,05-2,50	0,10-0,80	•	•	•
	RCGT/W 200600	0,05-2,50	0,10-0,80	•	•	•
	RPGW 080300	0,05-2,50	0,10-0,80	•	•	•
	RPGW 100300	0,05-2,50	0,10-0,80	•	•	•
	RPGW 120400	0,05-2,50	0,10-0,80	•	•	•
	RPGW 160600	0,05-2,50	0,10-0,80	•	•	•
	RPGW 200600	0,05-2,50	0,10-0,80	•	•	•
	SCGT/W 060202	0,01-1,20	0,05-0,50	•	•	•
	SCGT/W 080302	0,01-1,20	0,05-0,50	•	•	•
	SCGT/W 090302	0,01-1,20	0,05-0,50	•	•	•
	SCGT/W 09T304	0,05-2,50	0,10-0,80	•	•	•
	SCGT/W 120404	0,05-2,50	0,10-0,80	•	•	•
	SPGW 090302	0,01-1,20	0,05-0,50	•	•	•
	SPGW 09T304	0,05-2,50	0,10-0,80	•	•	•
	SPGW 120404	0,05-2,50	0,10-0,80	•	•	•
	SPGW 080202	0,01-1,20	0,05-0,50	•	•	•
	SPGN 060302	0,01-1,20	0,05-0,50	•	•	•
	SCGN 120302	0,01-1,20	0,05-0,50	•	•	•
	SPGN 050202	0,01-1,20	0,05-0,50	•	•	•
	SPGN 070202	0,01-1,20	0,05-0,50	•	•	•
	SPGN 090302	0,01-1,20	0,05-0,50	•	•	•
	SPGN 060302	0,01-1,20	0,05-0,50	•	•	•
	SPGN 120302	0,01-1,20	0,05-0,50	•	•	•
	SPGN 120302	0,01-1,20	0,05-0,50	•	•	•





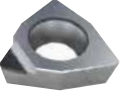
• Stok ürün | Stock item

○ Stok dışı ürün | Non stock item

□ Özel ürün | Special order

Boyutlar (mm)							
Ölçü	d	t	d ₁	Ölçü	d	t	d ₁
06	6.35	2.38	2.8	11	9.525	3.97	4.4
07	6.35	2.38	2.8	12	12.7	4.76	5.16
08	7.94	2.38	3.4	16	12.7	4.76	5.16
09	9.525	3.97	4.4	16	9.525	4.76	3.81

PCD KESİCİ UÇLAR

ÜRÜN GÖRSELİ	ISO			N		
	UÇ KODU INSERT CODE	ap (mm)	f _n (mm/dev)	Vc		
				1300(1000-1600)	1100(800-1400)	1100(800-1400)
			DN7505	DN7510	DN7530	
	TBGW 060201	0,01-1,20	0,05-0,50	•	•	•
	TCGT/W 080202	0,01-1,20	0,05-0,50	•	•	•
	TCGT/W 090202	0,01-1,20	0,05-0,50	•	•	•
	TCGT/W 110302	0,01-1,20	0,05-0,50	•	•	•
	TCGT/W 130302	0,01-1,20	0,05-0,50	•	•	•
	TCGT/W 160302	0,01-1,20	0,05-0,50	•	•	•
	TCGT/W 160402	0,01-1,20	0,05-0,50	•	•	•
	TCGT/W 16T302	0,01-1,20	0,05-0,50	•	•	•
	TCGT/W 110202	0,01-1,20	0,05-0,50	•	•	•
	TPGW 060201	0,01-1,20	0,05-0,50	•	•	•
	TPGW 080202	0,01-1,20	0,05-0,50	•	•	•
	TPGW 090202	0,01-1,20	0,05-0,50	•	•	•
	TPGW 110302	0,01-1,20	0,05-0,50	•	•	•
	TPGW 130302	0,01-1,20	0,05-0,50	•	•	•
	TPGW 160302	0,01-1,20	0,05-0,50	•	•	•
TPGW 160402	0,01-1,20	0,05-0,50	•	•	•	
TPGW 16T302	0,01-1,20	0,05-0,50	•	•	•	
	TCGN 060201	0,01-1,20	0,05-0,50	•	•	•
	TCGN 090202	0,01-1,20	0,05-0,50	•	•	•
	TCGN 160302	0,01-1,20	0,05-0,50	•	•	•
	TPGN 060201	0,01-1,20	0,05-0,50	•	•	•
	TPGN 090202	0,01-1,20	0,05-0,50	•	•	•
	VBGW 160404	0,01-0,35	0,10-0,80	•	•	•
	VCCT/W 160404	0,05-2,50	0,10-0,80	•	•	•
	VCCT/W 220404	0,05-2,50	0,10-0,80	•	•	•
	VCCT/W 220504	0,05-2,50	0,10-0,80	•	•	•
	VCCT/W 080202	0,01-1,20	0,05-0,50	•	•	•
	VCCT/W 110202	0,01-1,20	0,05-0,50	•	•	•
	VCCT/W 110302	0,01-1,20	0,05-0,50	•	•	•
	VPGW 220404	0,05-2,50	0,10-0,80	•	•	•
	VPGW 220504	0,05-2,50	0,10-0,80	•	•	•
	VNGA 160404	0,05-2,50	0,10-0,80	•	•	•
	VNGA 220404	0,05-2,50	0,10-0,80	•	•	•
	WBGW010101(IC3.97)	0,01-1,20	0,05-0,50	•	•	•
	WBGW020202(IC4.76)	0,01-1,20	0,05-0,50	•	•	•
	WCGW030202(IC5.56)	0,01-1,20	0,05-0,50	•	•	•
	WCGW040202(IC6.35)	0,01-1,20	0,05-0,50	•	•	•
	WCGW050302(IC7.94)	0,01-1,20	0,05-0,50	•	•	•
	WCGW06T302(IC9.52)	0,01-1,20	0,05-0,50	•	•	•
	WCGW 100504	0,05-2,50	0,10-0,80	•	•	•



• Stok ürün | Stock item

○ Stok dışı ürün | Non stock item

□ Özel ürün | Special order



Boyutlar (mm)			
Ölçü	d	t	d ₁
11	6.35	2.38	2.8
16	9.525	3.77	4.4

PCD KESİCİ UÇLAR

ÜRÜN GÖRSELİ	ISO			N		
	UÇ KODU INSERT CODE	ap (mm)	f _n (mm/dev)	Vc		
				1300(1000-1600)	1100(800-1400)	1100(800-1400)
			DN7505	DN7510	DN7530	
	APGW 1135L	0,01-1,20	0,05-0,50	•	•	
	APGW 1135R	0,01-1,20	0,05-0,50	•	•	
	APGW 160402	0,01-1,20	0,05-0,50	•	•	
	R590110504H-NL	0,01-1,20	0,05-0,50	•	•	

Boyutlar (mm)			
Ölçü	d	t	d ₁
11	6.35	2.38	2.8
16	9.525	3.77	4.4

PCD KESİCİ UÇLAR

ÜRÜN GÖRSELİ	ISO			N		
	UÇ KODU INSERT CODE	ap (mm)	f _n (mm/dev)	Vc		
				1300(1000-1600)	1100(800-1400)	1100(800-1400)
			DN7505	DN7510	DN7530	
	MGMN 150	0,01-1,20	0,05-0,50	•	•	
	MGMN 200	0,01-1,20	0,05-0,50	•	•	
	MGMN 250	0,01-1,20	0,05-0,50	•	•	
	MGMN 300	0,01-1,20	0,05-0,50	•	•	
	MGMN 400	0,01-1,20	0,05-0,50	•	•	
	MGMN 500	0,01-1,20	0,05-0,50	•	•	
	MGMN 600	0,01-1,20	0,05-0,50	•	•	
	MRMN 200	0,01-1,20	0,05-0,50	•	•	
	MRMN 300	0,01-1,20	0,05-0,50	•	•	
	MRMN 400	0,01-1,20	0,05-0,50	•	•	
	MRMN 500	0,05-2,50	0,10-0,80	•	•	
	MRMN 600	0,05-2,50	0,10-0,80	•	•	

• Stok ürün | Stock item

○ Stok dışı ürün | Non stock item

□ Özel ürün | Special order