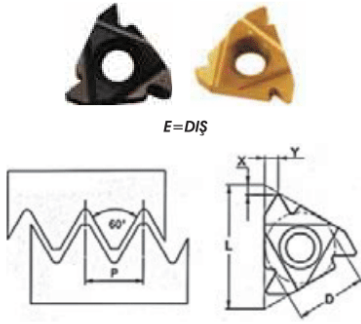


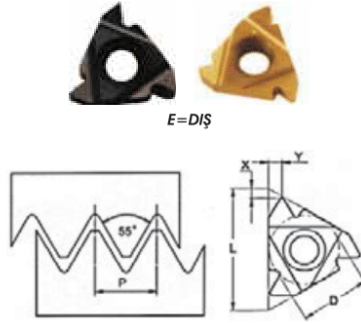
KISMİY PROFİL DİP UCU P30 DIŞ

E:DIŞ
N=iÇ
A=0,5-1,5 mm
AG=0,5-3,0 mm
N=3,5-5,0 mm
R=SAĞ
L=SOL



SAD	SOL	HATVE	L (mm)	X (mm)	Y (mm)
11ER A60	11EL A60	0.5-1.5	11	0,8	0,9
16ER AG60	16EL AG60	0.5-3.0	16	0,2	1,7
22ER N60	22EL N60	3.5-5.0	22	0,7	2,5

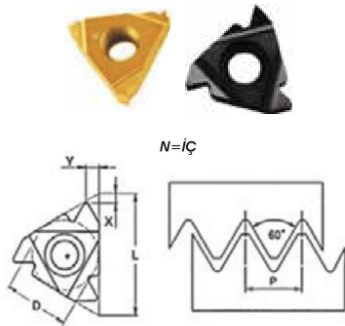
E:DIŞ
N=iÇ
A=0,5-1,5 mm
AG=0,5-3,0 mm
N=3,5-5,0 mm
R=SAĞ
L=SOL



SAD	SOL	HATVE	L (mm)	X (mm)	Y (mm)
11ER A55	11EL A55	0.5-1.5	11	0,8	0,9
16ER AG55	16EL AG55	0.5-3.0	16	1,2	1,7
22ER N55	22EL N55	3.5-5.0	22	1,7	2,5

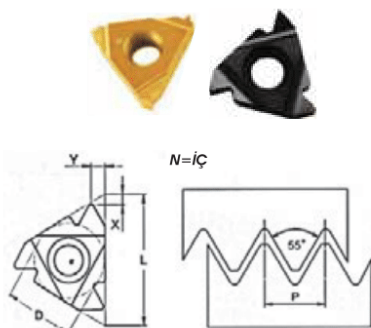
KISMİY PROFİL DİP UCU P30 İÇ

E:DIŞ
N=iÇ
A=0,5-1,5 mm
AG=0,5-3,0 mm
N=3,5-5,0 mm
R=SAĞ
L=SOL



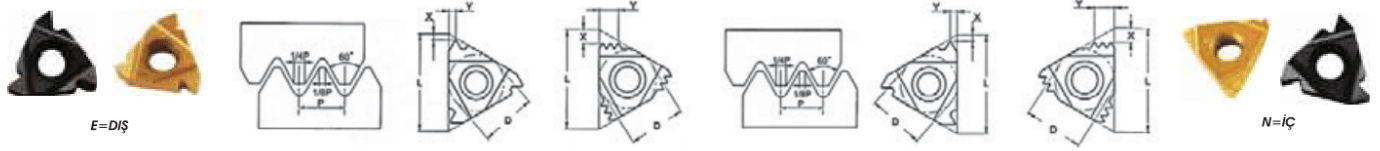
SAD	SOL	HATVE	L (mm)	X (mm)	Y (mm)
11NR A60	11NL A60	0.5-1.5	11	0.8	0.9
16NR A60	16NL A60	0.5-1.5	16	0.8	0.9
16NR AG60	16NL AG60	0.5-3.0	16	1.2	1.7
22NR N60	22NL N60	3.5-5.0	22	1.7	2.5

E:DIŞ
N=iÇ
A=0,5-1,5 mm
AG=0,5-3,0 mm
N=3,5-5,0 mm
R=SAĞ
L=SOL



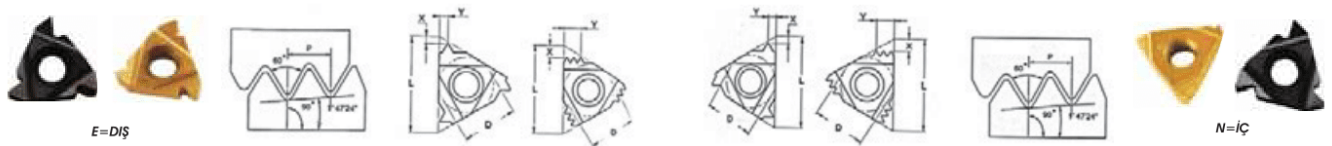
SAD	SOL	HATVE	L (mm)	X (mm)	Y (mm)
11NR A55	11NL A55	0.5-1.5	11	0,8	0,9
16NR AG55	16NL AG55	0.5-3.0	16	1,2	1,7
22NR N55	22NL N55	3.5-5.0	22	1,7	2,5

ISO TAM PROFİL DİP UCU P30



DİP	İÇ	HATVE	L (mm)	X (mm)	Y (mm)
11ER 1.00 ISO	11NR 1.00 ISO	1.00	11	0,7	0,7
11ER 1.25 ISO	11NR 1.25 ISO	1.25	11	0,8	0,9
11ER 1.50 ISO	11NR 1.50 ISO	1.50	11	0,8	1,0
11ER 1.75 ISO	11NR 1.75 ISO	1.75	11	0,8	1,1
11ER 2.00 ISO	11NR 2.00 ISO	2.00	11	1,0	1,3
16ER 1.00 ISO	16NR 1.00 ISO	1.00	16	0,7	0,7
16ER 1.25 ISO	16NR 1.25 ISO	1.25	16	0,8	0,9
16ER 1.50 ISO	16NR 1.50 ISO	1.50	16	0,8	1,0
16ER 1.75 ISO	16NR 1.75 ISO	1.75	16	0,9	1,2
16ER 2.00 ISO	16NR 2.00 ISO	2.00	16	1,0	1,3
16ER 2.50 ISO	16NR 2.50 ISO	2.50	16	1,1	1,5
16ER 3.00 ISO	16NR 3.00 ISO	3.00	16	1,2	1,6
22ER 3.50 ISO	22NR 3.50 ISO	3.50	22	1,6	2,3
22ER 4.00 ISO	22NR 4.00 ISO	4.00	22	1,6	2,3
22ER 4.50 ISO	22NR 4.50 ISO	4.50	22	1,7	2,4
22ER 5.00 ISO	22NR 5.00 ISO	5.00	22	1,7	2,4

NPT DİP UCU P30



DİP	İÇ	HATVE	L (mm)	X (mm)	Y (mm)
16ER NPT 8	16NR NPT 8	8	16	1,2	1,8
16ER NPT 11,5	16NR NPT 11,5	11,5	16	1,1	1,5
16ER NPT 14	16NR NPT 14	14	16	1	1,0
16ER NPT 18	16NR NPT 18	18	16	0,8	1,0
16ER NPT 27	16NR NPT 27	27	16	0,7	0,8

KISMÝ PROFÝL DÝP UCU P30



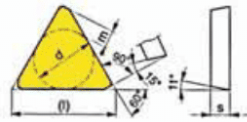
DİP	ÝÇ	HATVE	L (mm)	X (mm)	Y (mm)
11ER BSPT 14	11NR BSPT 14	14	11	0,9	1,0
11ER BSPT 19	11NR BSPT 19	19	11	0,8	0,9
16ER BSPT 11	16NR BSPT 11	11	16	1,1	1,5
16ER BSPT 14	16NR BSPT 14	14	16	1,0	1,2
16ER BSPT 19	16NR BSPT 19	19	16	0,8	0,9
16ER BSPT 28	16NR BSPT 28	28	16	0,6	0,6

TRAPEZ DÝP UCU P30



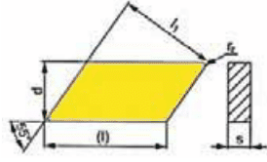
DİP	ÝÇ	HATVE	L (mm)	X (mm)	Y (mm)
16ER TR3	16NR TR3	3	16	1,3	1,5
22ER TR4	22NR TR4	4	22	1,7	1,9
22ER TR5	22NR TR5	5	22	2,1	2,5
22ER TR6	22NR TR6	6	22	2,2	2,6
27ER TR6	27NR TR6	6	27	2,2	2,6

TPKN SERT METAL ELMAS UÇLAR P30



ÖLÇÜ	l (mm)	d (mm)	s (mm)	m (mm)
TPKN 2204PDSR-EV234	22,0	12,70	4,76	3,55

KNUX SERT METAL ELMAS UÇLAR

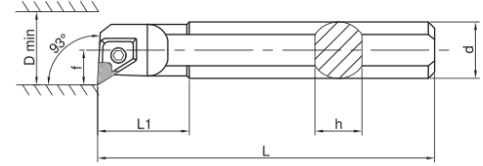


ÖLÇÜ	l (mm)	l ₁ (mm)	d (mm)	s (mm)
KNUX 160405R11 P2030	16,0	16,15	9,525	4,76
KNUX 160405L11 P2030	16,0	15,88	9,525	4,76

KULLANIM ALANI

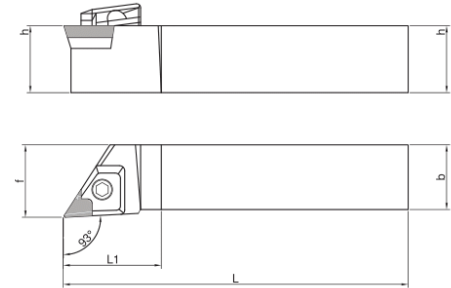
- GENEL ÇELİK UYGULAMALARI (P15-P40)
- PASLANMAZ ÇELİKLER (M15-M35)
- DÖKME DEMİRLER (K20-K35)

İÇ ÇAP PASO KNUX KATERİ



TAKIM KODU	d (mm)	L (mm)	L ₁ (mm)	f (mm)	h (mm)	TAKILAN UÇ	BASKI ÇEVATASI	ALTLIK ÇEVATASI
S25S CKUNR 16	25	250	52	17	23	KNUX 16	M6X20	M3
S28T CKUNR 16	28	300	52	19	25			
S32U CKUNR 16	32	350	52	22	29			
S40V CKUNR 16	40	400	55	27	37			
S45V CKUNR 16	45	400	55	27	37			
S50W CKUNR 16	50	450	60	35	47			

DIŞ ÇAP PASO KNUX KATERİ



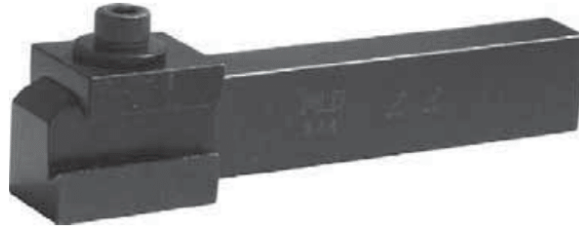
TAKIM KODU	L (mm)	L ₁ (mm)	h (mm)	f (mm)	b (mm)	TAKILAN UÇ	BASKI ÇEVATASI	ALTLIK ÇEVATASI
CKJNR 20X20 K16	125	32	20	25	20	KNUX 16	M6X20	M3
CKJNL 20X20 K16	125	32	20	25	20			
CKJNR 25X25 M16	150	35	25	32	25			
CKJNL 25X25 M16	150	35	25	32	25			
CKJNR 25X32 P16	170	35	32	32	25			
CKJNL 25X32 P16	170	35	32	32	25			

TORNA PASO KATERÝ



TÝPÝ	ÖLÇÜ	KALEM ÖLÇÜSÜ
TORNA KATERİ	6X8	6X6 - 8X8
TORNA KATERİ	8X10	8X8 - 10X10
TORNA KATERİ	10X12	10X10 - 12X12
TORNA KATERİ	12X14	12X12 - 14X14

TORNA KESME KATERÝ



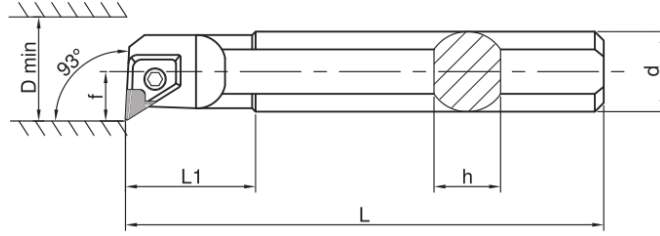
TÝPÝ	ÖLÇÜ	KALEM ÖLÇÜSÜ
KESME KATERİ	1/2"	1/2 KESME KALEMİ
KESME KATERİ	5/8"	5/8 KESME KALEMİ
KESME KATERİ	3/4"	3/4 KESME KALEMİ
KESME KATERİ	7/8"	7/8 KESME KALEMİ
KESME KATERİ	1"	1 KESME KALEMİ

TIRTIR KATERÝ



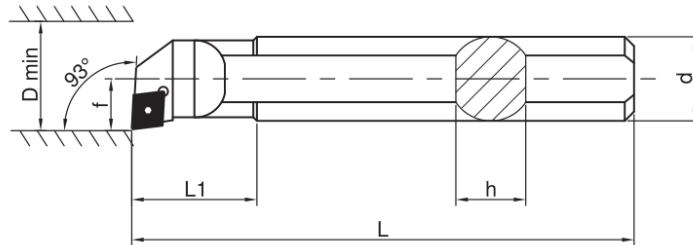
TÝPÝ	ÖLÇÜ	TIRTIR ÖLÇÜSÜ
TEKLİ TIRTIL KATERİ	20X20	20X10X6
TEKLİ TIRTIL KATERİ	25X25	20X10X6
ÇİFLİ TIRTIL KATERİ	20X20	20X10X6
ÇİFLİ TIRTIL KATERİ	25X25	20X10X6

SCLCR/L İÇ PASO KATERİ



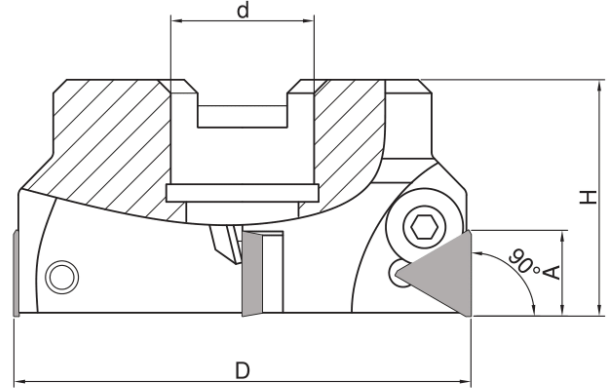
TAKIM KODU	D min. (mm)	d (mm)	L (mm)	L1 (mm)	f (mm)	h (mm)	TAKILAN UÇ	BASKI CİVATASI	TORX ANAHTARI
S06-08H SCLCR/L 06	8	8	100	25	4,3	7	CC□□0602	M2.5	T8
S08H SCLCR/L 06	11	8	100	20	5,5	7			
S10J SCLCR/L 06	13	10	110	20	6	9			
S12K SCLCR/L 06	16	12	125	24	9	11			
S14-16Q SCLCR/L 09	19	16	180	45	10	15	CC□□09T3	M3.5	T15
S16Q SCLCR/L 09	20	16	180	30	11	15			
S18-20Q SCLCR/L 09	24	20	180	37	12	18			
S20Q SCLCR/L 09	25	20	180	37	13	18			
S25R SCLCR/L 09	32	25	200	40	17	23			

SDUCR/L İÇ PASO KATERİ



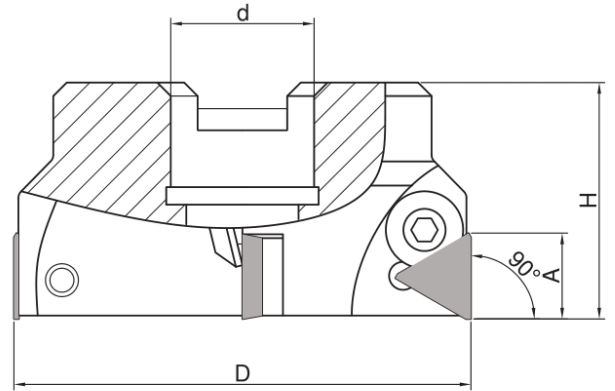
TAKIM KODU	D min. (mm)	d (mm)	L (mm)	L1 (mm)	f (mm)	h (mm)	TAKILAN UÇ	BASKI CİVATASI	TORX ANAHTARI
S10J SDUCR/L 07	14	10	110	20	7	9	DC□□0702	M2.5	T8
S12K SDUCR/L 07	17	12	125	24	9	11			
S14-16Q SDUCR/L 07	20	16	180	40	10,5	15			
S16Q SDUCR/L 07	21	16	180	27	11	15			
S14-16Q SDUCR/L 11	20	16	180	45	10,5	15	DC□□11T3	M3.5	T15
S16Q SDUCR/L 11	21	16	180	30	11	15			
S20Q SDUCR/L 11	25	20	180	32	13	18			
S25R SDUCR/L 11	32	25	200	40	17	23			
S32T SDUCR/L 11	40	32	300	45	22	30			

TPKN 1603 TARAMA BAŞLIĞI



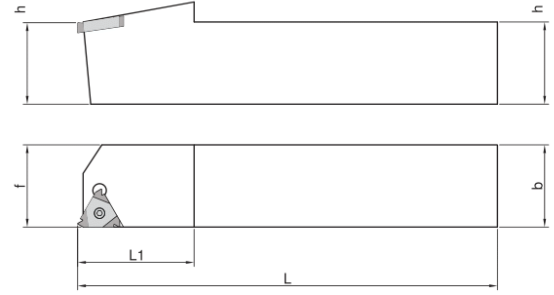
TAKIM KODU	D (mm)	d (mm)	H (mm)	A (mm)	AĞIZ SAYISI	TAKILAN UÇ
42X3 TPKN 16	42	16	44	14	3	TPKN 1603
50X3 TPKN 16	50	22	44	14	3	
63X3 TPKN 16	63	22	44	14	3	
63X4 TPKN 16	63	22	44	14	4	
80X5 TPKN 16	80	32	52	14	5	
100X6 TPKN 16	100	32	52	14	6	

TPKN 2204 TARAMA BAŞLIĞI



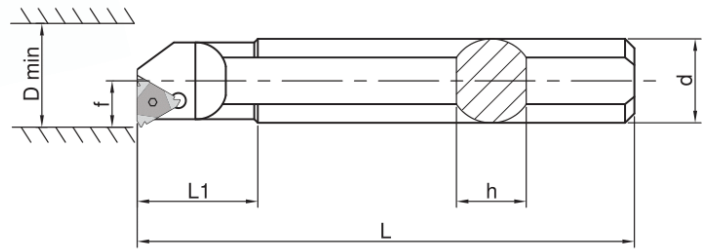
TAKIM KODU	D (mm)	d (mm)	H (mm)	A (mm)	AĞIZ SAYISI	TAKILAN UÇ
63X3 TPKN 22	63	22	50	20	3	TPKN 2204
80X4 TPKN 22	80	32	52	20	4	
100X5 TPKN 22	100	32	52	20	5	
125X6 TPKN 22	125	40	62	20	6	
160X7 TPKN 22	160	40	62	20	7	
200X8 TPKN 22	200	60	62	20	8	
250X9 TPKN 22	250	60	62	20	9	

DIŞ ÇAP DIŞ KATERİ



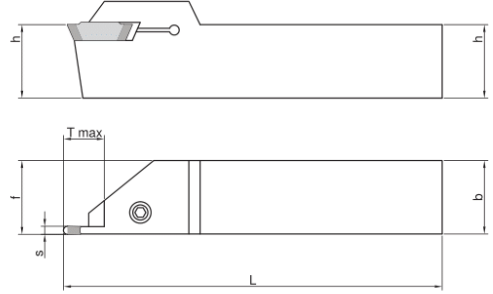
TAKIM KODU	L (mm)	L1 (mm)	h (mm)	f (mm)	b (mm)	TAKILAN UÇ	BASKI CİVATASI	TORX ANAHTARI
12X12 AL-3	110	20	12	12	12	16 ER	M3.5	T15
16X16 AL-3	100	22	16	16	16			
20X20 AL-3	125	25	20	20	20			
25X25 AL-3	150	30	25	25	25			
25X25 AL-4	150	36	25	25	25	22 ER	M4.5	

İÇ ÇAP DIŞ KATERİ



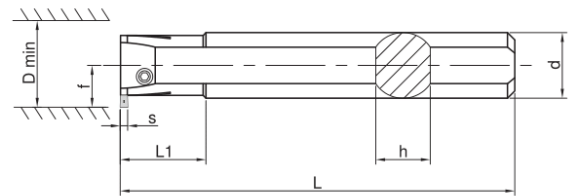
TAKIM KODU	D min. (mm)	L (mm)	L1 (mm)	d (mm)	f (mm)	h (mm)	TAKILAN UÇ	BASKI CİVATASI	TORX ANAHTARI
S10J STIR 11	12	110	20	10	6	7	11 IR	M2.5	T8
S12K STIR 11	14	125	24	12	7,2	11	16 IR	M3.5	T15
S16Q STIR 16	20	180	40	16	11	15			
S20Q STIR 16	24	180	40	20	13	18			
S25R STIR 16	29	200	40	25	16	23			
S32T STIR 16	36	300	40	32	19,5	30	22 IR	M4.5	T15
S25R STIR 22	32	200	40	25	17	23			
S32T STIR 22	39	300	40	32	20	30			

DIŞ ÇAP KESME KATERİ



TAKIM KODU	L (mm)	T max. (mm)	h (mm)	b (mm)	f (mm)	S (mm)	TAKILAN UÇ	BASKI CİVATASI
1212 2C R/L	125	15	12	12	12	2	MGMN200 KORLOY	M5X20
1616 2C R/L	125	18	16	16	16	2		
2020 2C R/L	125	18	20	20	20	2		
2525 2C R/L	150	18	25	25	25	2		
3232 2C R/L	170	18	32	32	32	2		
1212 3C R/L	125	16	12	12	12	3	MGMN300 KORLOY	M6X20
1616 3C R/L	125	18	16	16	16	3		
2020 3C R/L	125	18	20	20	20	3		
2525 3C R/L	150	18	25	25	25	3		
3232 3C R/L	170	18	32	32	32	3	MGMN400 KORLOY	M6X20
1616 4C R/L	125	18	16	16	16	4		
2020 4C R/L	125	18	20	20	20	4		
2525 4C R/L	150	18	25	25	25	4		
3232 4C R/L	170	18	32	32	32	4	MGMN500 KORLOY	M6X20
2020 5C R/L	125	18	20	20	20	5		
2525 5C R/L	150	18	25	25	25	5		
3232 5C R/L	170	18	32	32	32	5		

İÇ ÇAP KESME KATERİ



TAKIM KODU	D min. (mm)	L (mm)	L1 (mm)	d (mm)	h (mm)	f (mm)	s (mm)	TAKILAN UÇ	BASKI CİVATASI
S16Q 2C	20	180	35	16	15	12,5	2	MGMN200 KORLOY	M5X20
S20Q 2C	25	180	35	20	18	15,5	2		
S25R 2C	31	200	35	25	23	18,6	2		
S20Q 3C	25	180	35	20	18	15,8	3	MGMN300 KORLOY	M6X20
S25R 3C	31	200	35	25	23	19	3		
S32S 3C	37	250	45	32	30	21,5	3		
S20Q 4C	25	180	35	20	18	15,8	4	MGMN400 KORLOY	M6X20
S25R 4C	31	200	40	25	23	19	4		
S32S 4C	37	250	60	32	30	21,5	4		
S25R 5C	31	200	40	25	23	19,4	5	MGMN500 KORLOY	M6X20
S32S 5C	37	250	60	32	30	21,5	5		