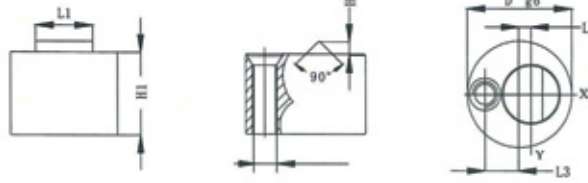
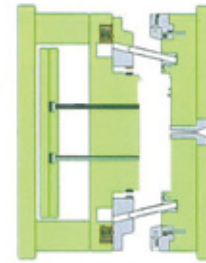
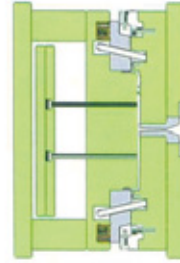


MAÇA TUTUCU -YUVARLAK



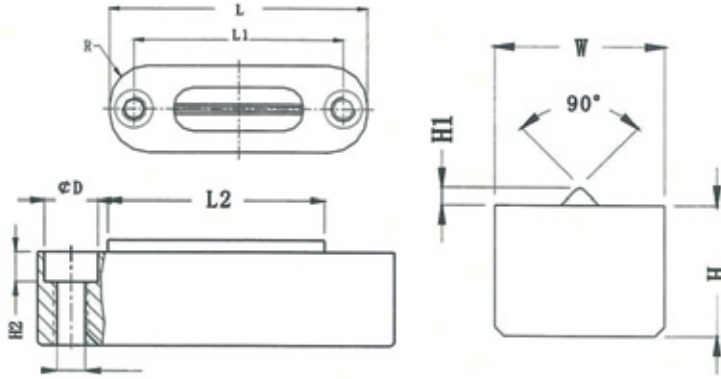
Sip. No.	D	L1	L2	L3	H	H1	Metrik Ölçü
5130-13	13	6,6	1,4	4,3	1	10	M2-16
5130-18	18	9,6	2	6	1,8	14	M3-20
5130-27	27	14,4	3	9	2,8	21	M4-25



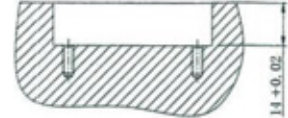
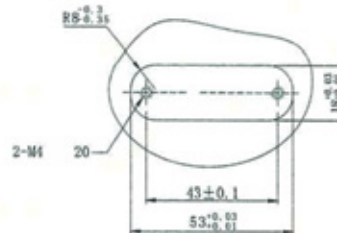
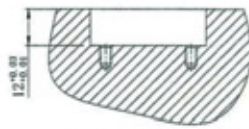
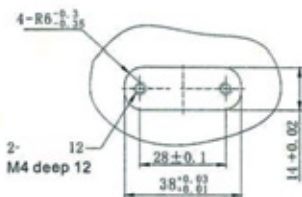
Kalıp Kapalı

Kalıp Açık

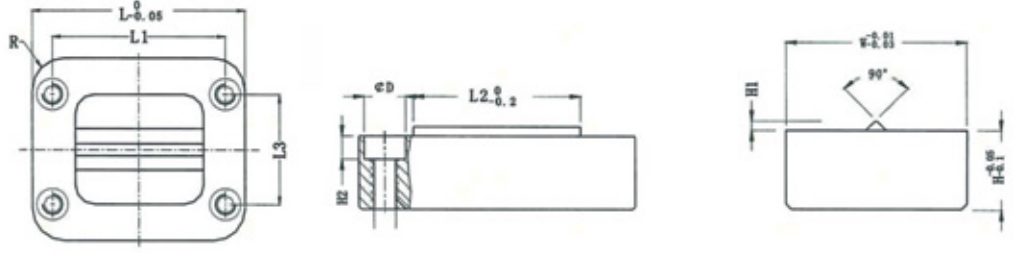
MAÇA BLOK TUTUCU



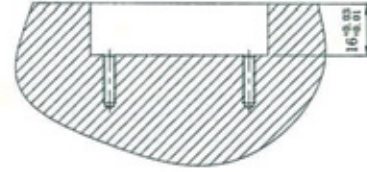
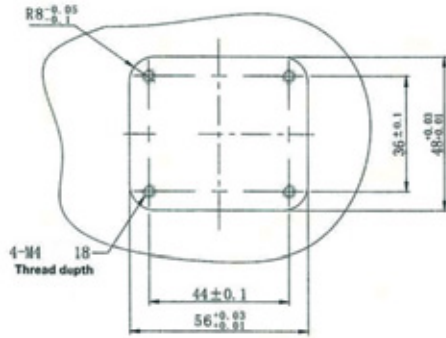
Sip. No.	D	R	L	L1	L2	W	H	H1	H2	Metrik Ölçü
5140/0	8	6	38	28	16	14	12	1,8	4,5	M4-16
5140/1	8	8	53	43	32	18	14	1,8	4,5	M4-25



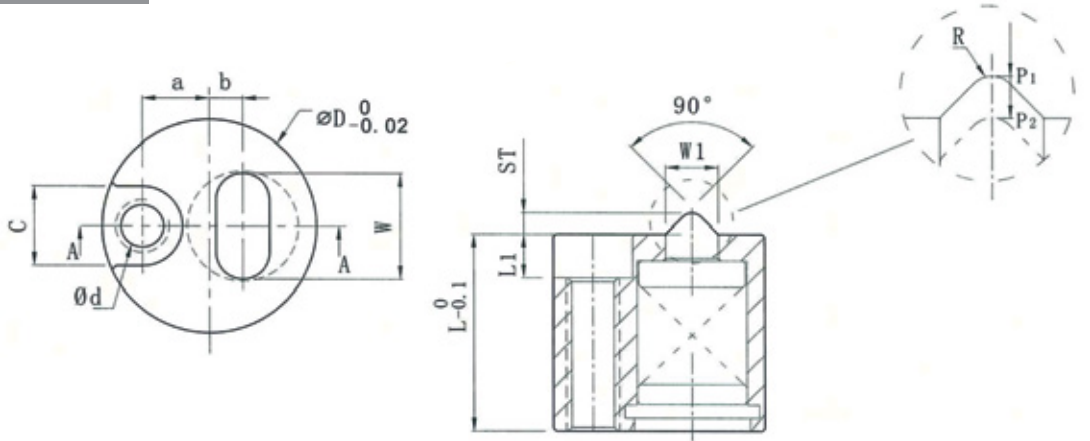
MAÇA BLOK TUTUCU



Sip. No.	D	R	L	L1	L2	L3	W	H	H1	H2	Metrik Ölçü
5140/2	8	6	56	44	44	36	48	16	1,8	4,5	M4-25



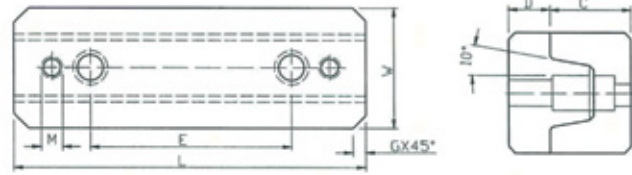
MAÇA TUTUCU - YUVARLAK



Sip. No.	D	ST	L	L1	a	b	c	d	Metrik Ölçü	W	W1	R
LK	16A	1.6	15	3.3	5	2.5	6	3.2	M3	8	4	1
	16B	1.6	15	3.3	5	2.5	6	3.2	M3	8	4	1
	20A	2	20	4.5	6	3.5	7.5	4.3	M4	10	5	1.1
	20B	2	20	4.5	6	3.5	7.5	4.3	M4	10	5	1.1

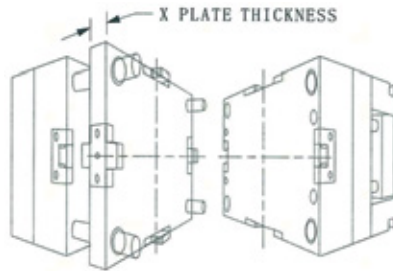
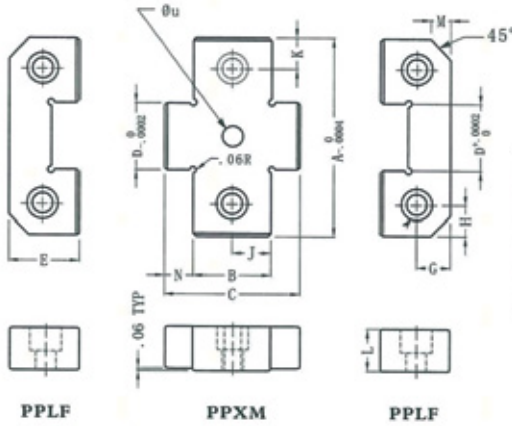
MERKEZLEME KİLİTLERİ

KY MODELİ (TBL)



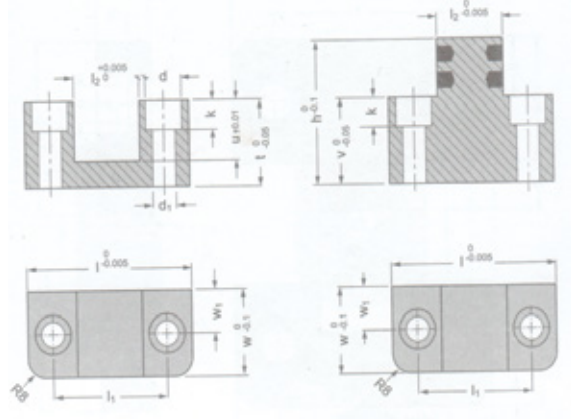
Sip. No.	L	E	W	D	C	G	M
KY-50	50	-	25	8	17,5	5	M5
KY-100	100	60	30	10	22	5	M6
KY-150	150	100	40	13	25	5	M8

XPL MODELİ



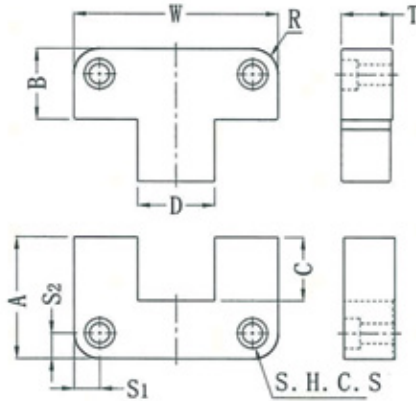
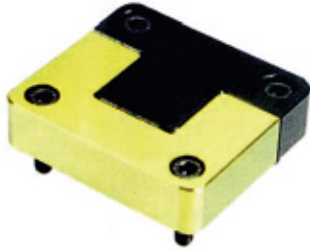
Sip. No.		Ölçü													
Female	X-style	A	B	C	D	E	S.H.C.S	G	H	J	K	L	M	N	U
PPLF-0001 (2REQ' D.)	PPXM-1001	1,500 0	,850	1,470	,500 0	,870	1/4-20 3/4	,281	,281	,425	,281	,620	,19	,310	,2500
	PPXM-2001	1,500 0	1,350	1,970	,500 0	,870	1/4-20 3/4	,281	,281	,675	,281	,620	,19	,310	,2500
PPLF-0002 (2REQ' D.)	PPXM-1002	2,000 0	,850	1,470	,680 0	,870	1/4-20 3/4	,375	,375	,425	,375	,620	,19	,310	,2500
	PPXM-2002	2,000 0	1,350	1,970	,680 0	,870	1/4-20 3/4	,375	,375	,675	,375	,620	,19	,310	,2500
PPLF-0003 (2REQ' D.)	PPXM-1003	3,000 0	,850	1,950	1,000 0	1,370	3/8-16 1	,688	,375	,425	,375	,745	,19	,550	,3750
	PPXM-2003	3,000 0	1,350	2,450	1,000 0	1,370	3/8-16 1	,688	,375	,675	,375	,745	,19	,550	,3750
PPLF-0004 (2REQ' D.)	PPXM-2004	4,000 0	1,350	2,890	1,375 0	1,870	3/8-16 1	,875	,625	,675	,625	,745	,50	,770	,3750
	PPXM-3004	4,000 0	1,850	3,390	1,375 0	1,870	3/8-16 1	,875	,625	,925	,625	,745	,50	,770	,3750
PPLF-0005 (2REQ' D.)	PPXM-2005	5,000 0	1,350	2,890	1,750 0	1,870	1/2-13 1 1/4	,875	,750	,675	,750	1,120	,50	,770	,5000
	PPXM-3005	5,000 0	1,850	3,390	1,750 0	1,870	1/2-13 1 1/4	,875	,750	,925	,750	1,120	,50	,770	,5000

TİTANYUM KAPLI BLOK KİLİTLERİ



Ölçü	W	W ₁	I	I ₁	I ₂	T	U	H	V	d	D1	K	Civata
035 MM	26	13	35	11	11	25	15	29,5 M	15	9,5 M	5,5	6	M5
045 MM	30	15	45	15	15	25	15	29,5 M	15	11 M	6,5	7	M6
055 MM	38	18	55	20	20	30	20	39,9 M	20	14 M	8,5	9	M8
075 MM	36	18	75	30	30	35	25	44,5 M	20	17,5 M	10,5	11	M10
100 MM	45	23	100	40	40	60	40	59,5 M	20	17,5 M	10,5	11	M10
125 MM	50	25	125	40	40	80	55	79,5 M	28	21	14,5	16	M14

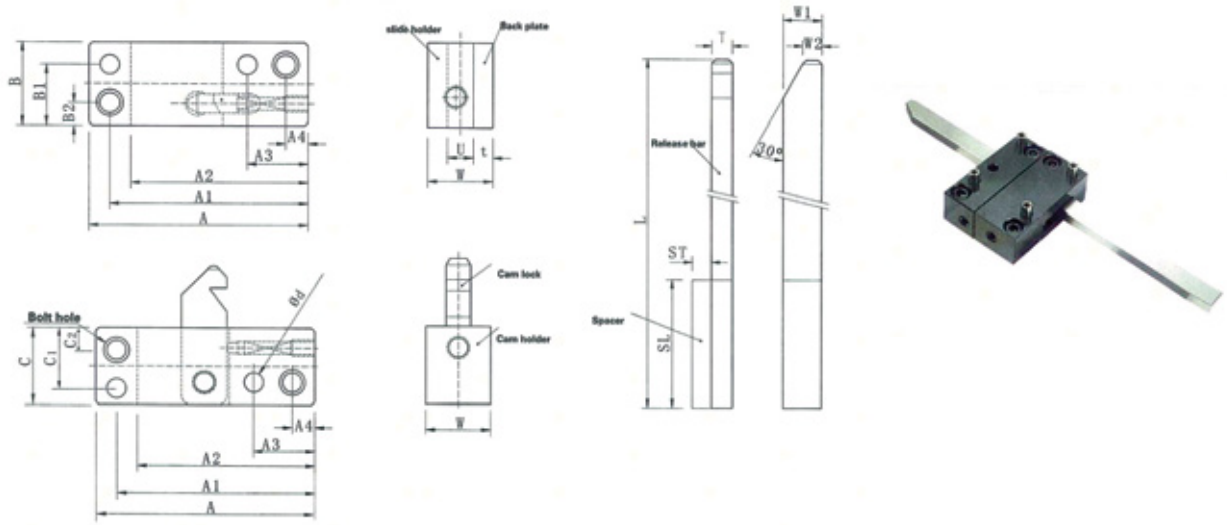
MERKEZLEME KİLİDİ (TİTANYUMLU)



Sip. No.	W +0,000 -0,0004	T +0,000 -0,002	A +0,000 -0,002	B +0,000 -0,002	C	D .0001/.0002	R	S1/S2 0,01	S.H.C.S
SSL37x100	1,000	375	1,125	875	53	500	187	250	#10-32 1/2"
SSL50x125	1,250	490	1,125	875	66	500	187	250	#8-32 5/8"
SSL50x150	1,500	500	875	875	56	563	187	250	#8-32 5/8"
SSL50x200	2,000	500	1,375	875	66	750	187	312	#10-32 5/8"
SSL75x300	3,000	750	1,875	875	1,13	1,250	250	375	1/4-20 3/4"
SSL100x400	4,000	1,000	2,375	1,375	1,25	1,500	500	500	3/8-16 1"
SSL125x500	5,000	1,250	2,875	1,375	1,63	2,000	500	625	1/2-13 1-1/4"
SSL150x600	6,000	1,500	2,875	1,375	1,75	2,500	500	625	1/2-13 1-1/2"

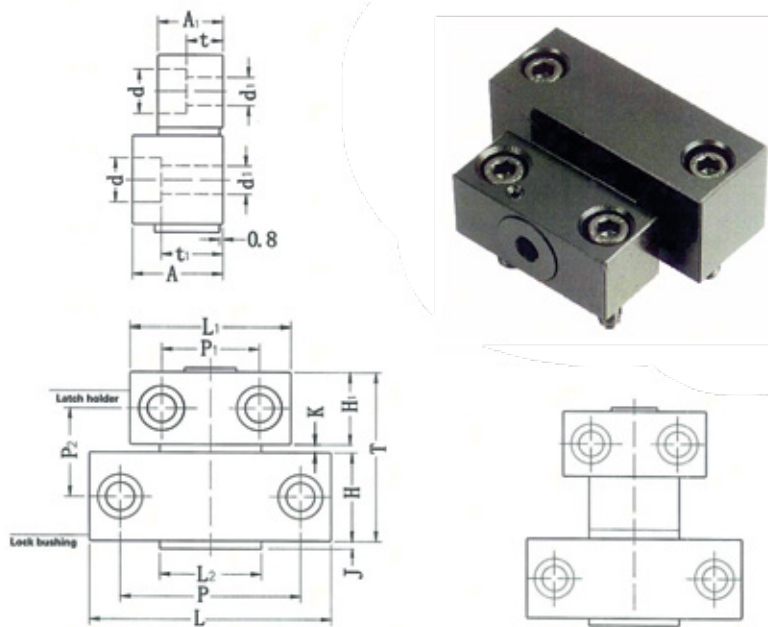
Sip. No.	W +0,00 -0,01	T +0,00 -0,05	A +0,00 -0,05	B +0,00 -0,05	L	D .002/.005	R	S1 .25	S2 .25	S.H.C.S
SSLM16x50	50	16	21,5	21,5	12	17	5	8	11	M6-1.0 18
SSLM19x75	75	19	36	36	17	25	5	12,5	18	M10-1.5 20
SSLM19x100	100	19	45	45	23	35	5	15	22	M10-1.5 20
SSLM25x125	125	25	45	45	23	35	5	20,5	22	M10-1.5 25

KADEMELİ AÇMA ÜNİTESİ



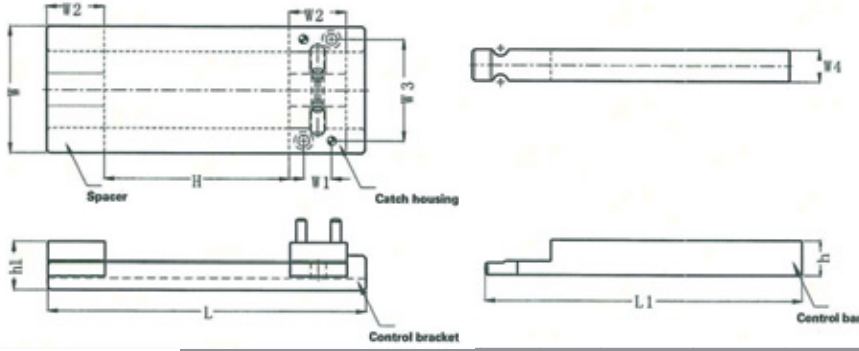
Sip. No.	A	A1	A2	A3	A4	B	B1	B2	C	C1	C2	W	U	Vida Ölçüsü		d	t	W1	W2	T	L	ST	SL
SPLS	68	62	55	19	7	26	19	7	24	17	7	20	8	M6	6	6	13	5,9	7	25	0	17	17
SPLM	88	79	70	24	9	38	29	9	30	21	9	30	12	M8	8	7	16	8	10	30	0	21	21
SPLL	104	93	82	27	11	48	37	11	38	27	11	45	20	M10	10	8	20	9,5	16	35	0	27	27

KADEMELİ AÇMA ÜNİTESİ

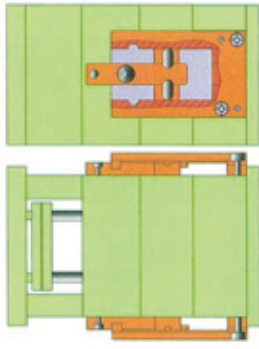


Sip. No.	L	L1	L2	T	H	H1	J	K	P	P1	P2	A	A1	t	t1	d	d1	Çekme Kuvveti F
SPLK	10	48	36	25	42	22	18	2	2	36	24	22	24	16	9,5	18	11	50
	20	54	42	25	42	22	18	2	2	40	28	22	24	16	9	16	11	100
	30	65	46	35	48,5	25	20	3,5	3,5	50	31	26	27	19	9,5	17	7	150
	60	73	50	35	48,5	25	20	3,5	3,5	52	33	26	27	19	9,5	17	14	300
	80	73	50	35	56,5	25	20	3,5	11,5	52	33	34	27	19	9,5	17	14	400
	100	103	65	48	58	30	24	4	4	76	42	31	34	25	13	19	17	500

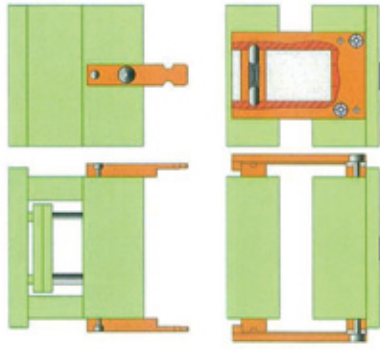
KADEMELİ AÇMA ÜNİTESİ



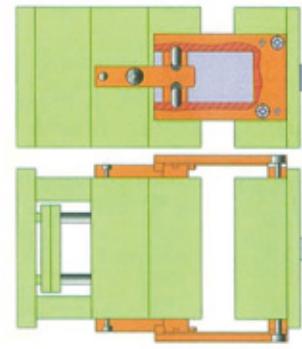
W	H	W1	W2	W3	W4	L	L1	h	h1	Sabit Pim Ölçüsü	S.H.C.S.	Çekme Kuvveti	
50	90	4	10	20	40	15	140	140	16	22,3	6 x 20	M4 x 12	1600
	130						180						
80	117	5,5	16	34	60	20	200	200	21	30,3	6 x 20	M6 x 16	2700
	167						250						
100	145	7	22	45	80	25	250	250	27	37,5	8 x 24	M8 x 18	4800
	195						300						



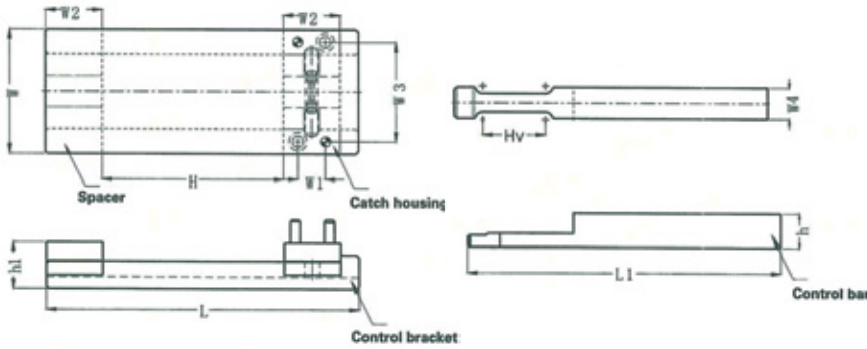
Kalıp Kapalı



Kalıp Açık



Kalıp Açılan



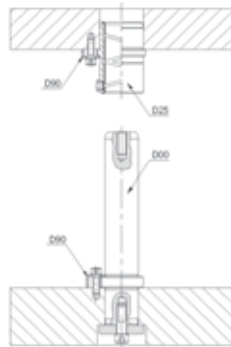
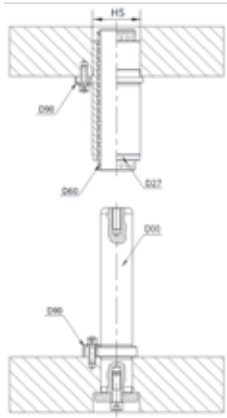
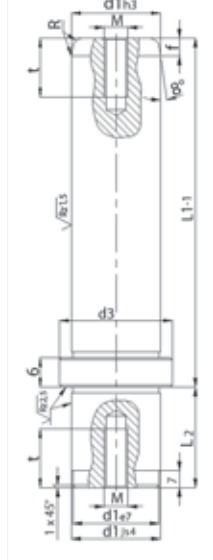
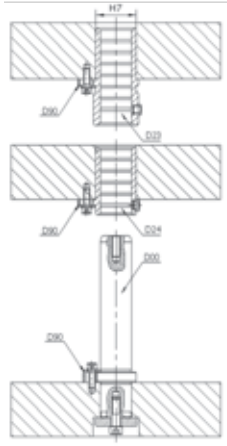
W	Hv	H	W1	W2	W3	W4	L	L1	h	h1	Sabit Pim Ölçüsü	S.H.C.S.	Çekme Kuvveti	
50	20	90	4	10	20	40	15	140	140	16	22,3	6 x 20	M4 x 12	1600
	50	130						180	180					
80	32	117	5,5	16	34	60	20	200	200	21	30,3	6 x 20	M6 x 16	2700
	75	167						250	250					
100	50	145	7	22	45	80	25	250	250	27	37,5	8 x 24	M8 x 18	4800
	80	195						300	300					

ORTADAN ŞAPKALI BİLYALI KOLON



Malzeme - Material : Asil Çelik 1.1213 (Cf53)
 Sertlik - Hardness : 62 ± 2 HRC
 Isıl İşlem - Heat Treatment : Islah + İndüksiyon
 (Allowence + Induction)

Öneri: Kalıbın ters kapanmasını önlemek için aynı kalıpta
 üç adet ana ölçü bir adet yardımcı ölçüde olan ürünü kullanınız
 Örnek: Ø14 3 adet - Ø15 1 adet gibi



180°
 Yüksek Isıya
 ve Sürtünmeye
 Dayanıklı →
 Kolon ve Burç
 Gresi

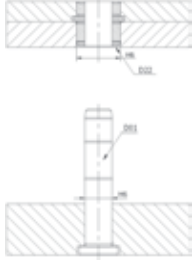


Sipariş Şekli: d1 x L1

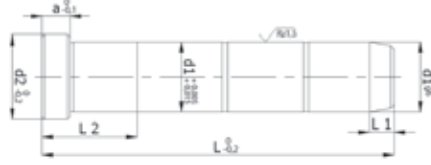
ød1	L1	L2	d3	d5	t	f	R	M
15/16	100	20	22	33	20	4	3	8
	112							
	125							
	140							
	160							
	180							
	200							
19/20	100	23	25	36	20	4	3	8
	112							
	125							
	140							
	160							
	180							
	200							
24/25	100	30	32	43	20	6	5	8
	112							
	125							
	140							
	160							
	180							
	200							
30/32	112	37	40	51	20	6	5	8
	125							
	140							
	160							
	180							
	200							
	224							
38/40	125	37	50	61	20	6	5	8
	140							
	160							
	180							
	200							
	224							
	250							
48/50	140	47	63	74	20	8	5	8
	160							
	180							
	200							
	224							
	250							
	280							
60/63	160	47	80	91	20	8	5	8
	180							
	200							
	224							
	250							
	280							
	315							
80	200	60	95	106	20	8	5	12
	224							
	250							
	280							
	315							
	355							
	400							

D00 Kolonlar eski D04 ve D06 yerine kullanılacaktır.

ŞAPKALI KOLON



Malzeme - Material : Asil Çelik 1.1213 (Cf53)
Sertlik - Hardness : 62 ± 2 HRC
Isıl İşlem - Heat Treatment : İşlah + İndüksiyon
(Allowance + Induction)



Sipariş Şekli: d1 x L x L2

ød1	L	L1	L2	d2	a
10	40	4	17	12	3
	60				
	80		22		
	100		27		
	120				
12	40	7	17	16	6/10
	60		22		
	80		27		
	100				
	120		36		
	140				
	160				
14	60	7	17	18	8/10
	80		22		
	100		27		
	120		36		
	140		46		
	160				
	180				
16	40	7	22	20	8/10
	60		27		
	80				
	100		36		
	120		46		
	140				
	160				
	180		56		

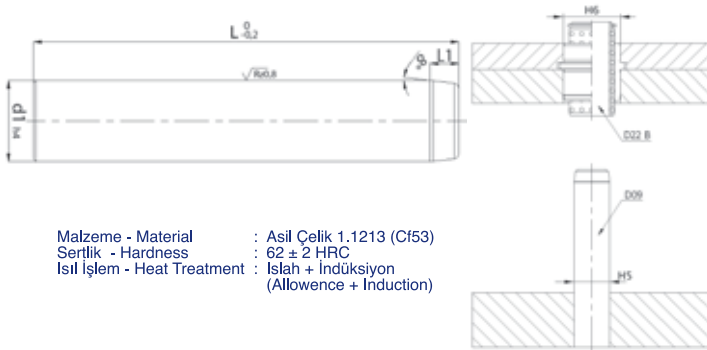
ød1	L	L1	L2	d2	a
16	200	7	56	20	8/10
	250				
18	60	7	27	22	8/10
	80				
	100		36		
	120		46		
	140				
	160		56		
	180				
	200				
	240				
20	60	7	27	24	8/10
	80				
	100		36		
	120		46		
	140				
	160		56		
	180				
	200				
	240		76		
	300				
22	80	7	36	26	15
	100				
	120				
	140		56		
	160				
	180		66		
	200				
	220				
	240				
	300				
24	100	7	36	28	15
	120				
	140		56		
	160				

ød1	L	L1	L2	d2	a
24	180	7	76		
	200				
	220				
	240				
	300				
25	120	7		29	10/15
	140				
	160				
	180				
	200				
	220				
	240				
	300				
	360				
30	120	7	46	36	12/15
	140				
	180		56		
	200				
	220				
	240				
	300				
	360				
40	160	10	56	48	12/15
	180				
	200		76		
	220				
	240				
	280				
	300		96		
	320				
	360				
50	160	10	56		
	200		76		
	240				
	300		96		
	360				

180°
Yüksek Isıya
ve Sürtünmeye
Dayanıklı
Kolon ve Burç
Gresi



ŞAPKASIZ KOLON



Malzeme - Material : Asil Çelik 1.1213 (Cf53)
Sertlik - Hardness : 62 ± 2 HRC
Isıl İşlem - Heat Treatment : İşlah + İndüksiyon
(Allowance + Induction)



Sipariş Şekli: d1 x L

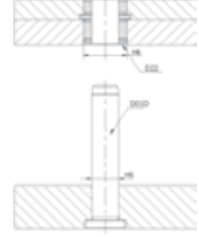
ød1	L	L1
12	100	4
	125	
18	125	7
	160	
30	160	7
	240	

Standart dışı özel ölçüler sipariş üzerine temin edilir.

ŞAPKALI KOLON (YAĞ KANALSIZ)



Malzeme - Material : Asil Çelik 1.1213 (Cf53)
Sertlik - Hardness : 62 ± 2 HRC
Isıl İşlem - Heat Treatment : Islah + İndüksiyon
(Allowance + Induction)



Sipariş Şekli: d1 x L

ød1	L	L1	d2	a
10	40	4	12	3
60				
80				
100				
120				
12	40	7	16	6
60				
80				
100				
120				
140				
160				
14	60	7	18	8
80				
100				
120				
140				
160				
180				
16	40	7	20	8
60				
80				
100				
120				
140				
160				
180				

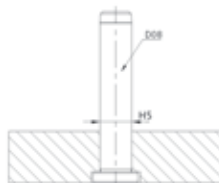
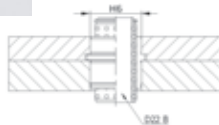
ød1	L	L1	d2	a
16	200	7	20	8
18	60	7	22	8
80				
100				
120				
140				
160				
180				
200				
240				
20	60	7	24	8
80				
100				
120				
140				
160				
180				
200				
240				
22	80	7	26	15
100				
120				
140				
160				
180				
200				
220				
240				
300				
24	100	7	28	15
120				
140				
160				
180				
200				

ød1	L	L1	d2	a
24	220	7	28	15
240				
300				
30	100		36	15
120		7		
140				
160				
180				
200				
220				
240				
280				
300				
320				
40	360	10	48	15
160				
180				
200				
220				
240				
280				
300				
320				
50	360	10	58	15
160				
200				
240				
300				
360				

ŞAPKALI BİLYALI KOLON



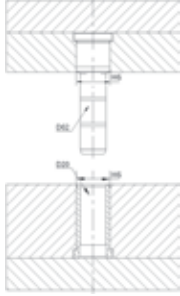
Malzeme - Material : Asil Çelik 1.1213 (Cf53)
Sertlik - Hardness : 62 ± 2 HRC
Isıl İşlem - Heat Treatment : Islah + İndüksiyon
(Allowance + Induction)



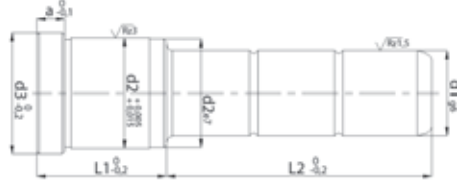
Sipariş Şekli: d1 x L

ød1	L	L1	d2	a
12	80	4	16	4
100				
120				
18	120	7	22	6
140				
160				
30	160	7	36	6
200				
240				

ŞAPKALI KADEMELİ KOLON



Malzeme - Material : Asil Çelik 1.1213 (Cf53)
Sertlik - Hardness : 62 ± 2 HRC
Isıl İşlem - Heat Treatment : Islah + İndüksiyon
(Allowence + Induction)



Sipariş Şekli: d1 x L1 x L2

ød1	L1	L2	d2	d3	a
12	26	26	16	19	4
		36			
		46			
		56			
	36	26			
		36			
		46			
		56			
	46	26			
		36			
		46			
		56			
		66			
14	26	26	20	25	6
		36			
		46			
		56			
		66			
		76			
	36	26			
		36			
		46			
		56			
		66			
		86			
	46	26			
		36			
		46			
		56			
		76			
		96			
	56	26			
		36			
		46			
		66			
		86			
		106			
16	26	26	24	28	6
		36			
		46			
		56			
		76			
		96			
		106			
		126			
		136			
		146			
	36	26			
		36			
		46			
		56			

ød1	L1	L2	d2	d3	a
16	36	46	24	28	6
		56			
		66			
		76			
		96			
		116			
		136			
		146			
		156			
	46	26			
		36			
		46			
		56			
		66			
		76			
		96			
		116			
		136			
		146			
		156			
	56	26			
		36			
		46			
		66			
		76			
		96			
		116			
		136			
		146			
		156			
	66	26			
		36			
		46			
		56			
		66			
		76			
		86			
		106			
		116			
	76	26			
		36			
		46			
		56			
		66			
		76			
		96			
		116			
	86	26			
		36			
		46			
		56			

ød1	L1	L2	d2	d3	a
16	86	66	24	28	6
		76			
		96			
		116			
18	26	26	26	31	6
		36			
		46			
		56			
		66			
		86			
	36	26			
		36			
		46			
		56			
		66			
		86			
		106			
	46	26			
		36			
		46			
		56			
		66			
		86			
		106			
		126			
	56	26			
		36			
		46			
		56			
		66			
		86			
		106			
		126			
	66	26			
		36			
		56			
		76			
		96			
		116			
	76	26			
		46			
		66			
		86			
		106			
		126			
	86	26			
		46			
		66			
		86			
		106			
		126			

Standart dışı özel ölçüler sipariş üzerine temin edilir.

ŞAPKALI KADEMELİ KOLON



180°
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Sipariş Şekli: d1 x L1 x L2

ød1	L1	L2	d2	d3	a
20	26	26	28	32	6
		36			
		46			
		56			
		66			
		86			
		106			
		126			
		136			
		146			
	36	26			
		36			
		46			
		56			
		66			
		76			
		96			
		116			
		126			
		136			
		146			
		156			
	46	26			
		36			
		46			
		56			
		66			
		76			
		86			
		106			
		126			
		136			
		146			
		156			
	56	26			
		36			
		46			
		56			
		66			
		76			
		96			
		116			
		136			
		146			
		156			
	66	26			
		36			
		46			
		56			
		66			

ød1	L1	L2	d2	d3	a
20	66	76	28	32	6
		96			
		116			
	76	26			
		36			
		46			
		56			
		66			
		76			
		86			
		106			
		126			
	86	26			
		36			
		46			
		56			
		66			
		76			
		86			
		106			
		126			
	96	26			
		36			
		46			
		56			
		66			
		76			
		86			
		106			
		126			
25	26	26	34	38	8
		36			
		46			
		56			
		66			
		76			
		96			
	36	26			
		36			
		46			
		56			
		66			
		76			
		86			
		106			
		126			
		146			
	46	26			
		36			
		46			
		56			
		66			
		76			
		96			
		116			
		136			
		156			
	56	26			
		36			
		46			
		56			
		66			
		76			
		96			
		116			
		136			
		156			
	66	26			
		36			
		46			
		56			

ød1	L1	L2	d2	d3	a
25	66	66	34	38	8
		76			
		86			
		106			
		126			
	76	26			
		36			
		46			
		56			
		66			
		76			
		86			
		106			
		126			
	86	36			
		46			
		56			
		66			
		76			
		86			
		96			
		116			
		136			
	96	36			
		46			
		56			
		66			
		76			
		86			
		96			
		116			
		136			
	106	46			
		56			
		66			
		76			
		86			
		96			
		116			
		136			
30	36	36	39	43	10
		46			
		56			
		66			
		86			
		106			
	46	36			
		46			
		56			
		66			
		76			
		96			
		116			
	56	36			
		46			
		56			
		66			
		76			
		86			
		106			
		126			
	66	36			
		46			
		56			
		66			
		76			
		86			
		96			
		116			
		136			
	76	36			

ŞAPKALI KADEMELİ KOLON

Sipariş Şekli: d1 x L1 x L2

ød1	L1	L2	d2	d3	a
30	96	46	39	43	10
		66			
		86			
		106			
		126			
		146			
	106	56			
		76			
		96			
		116			
		136			
	116	56			
		76			
		96			
		116			
		136			
40	56	56	54	58	10
		86			
		106			
		126			
		136			
		156			
		186			
	66	66			
		96			
		116			
		136			
		166			
		196			
	76	76			
		96			
		106			
		126			
		146			
		166			

ød1	L1	L2	d2	d3	a
40	76	196	54	58	10
		216			
	86	86			
		126			
		146			
		176			
		206			
		226			
	96	96			
		136			
		156			
		186			
		216			
		236			
	106	106			
		126			
		156			
		186			
		227			
		246			
	116	116			
		136			
		166			
		196			
		236			
		256			
	126	126			
		166			
		196			
		236			
		266			
	136	136			
		196			
		226			
		266			



ød1	L1	L2	d2	d3	a
30	76	46	39	43	10
		56			
		76			
		96			
		116			
		136			
		186			
	86	36			
		46			
		66			
		86			
		106			
		126			
		146			
		166			

KONİK KİLİTLEME

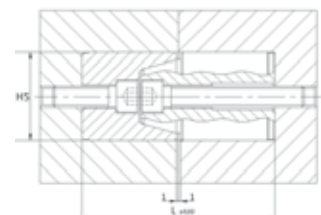
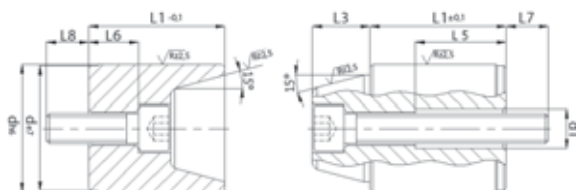
Sipariş Şekli: d x L

ød	L	L1	L3	L5	L6	L7	L8	ød1
12	34	16	4.5	9.6	8.6	8	7.5	M4
14	34	16	6	12.4	6	7.5	8	M5
16	34	16	6	12.4	5.8	7.5	8	M5
20	54	26	9	19.7	10.6	12	9.5	M8
25	54	26	10	19.7	9.2	11	11	M8
30	72	35	14	25	12.2	15	13	M10
32	72	35	14	25	12.2	15	13	M10
42	92	45	18	27	16.8	16	13	M10



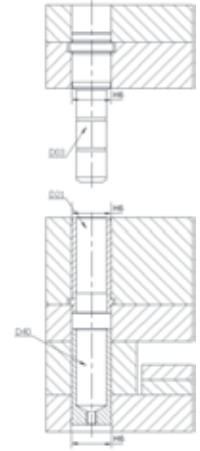
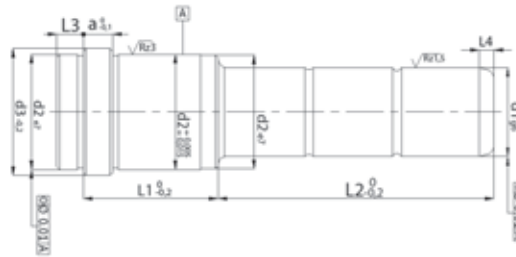
Malzeme - Material : Asil Çelik 1.7131 (16MnCr5)
Sertlik - Hardness : 62 ± 2 HRC
Isıl İşlem - Heat Treatment : Sementasyon (Case Hardened)

NOT: Yeni konik kilitlemelerde iki taraflı bağlanma özelliği vardır.



Standart dışı özel ölçüler sipariş üzerine temin edilir.

KUYRUKLU ŞAPKALI KADEMELİ KOLON (HASCO STANDARDI)



Malzeme - Material : Asil Çelik 1.1213 (Cf53)
 Sertlik - Hardness : 62 ± 2 HRC
 Isıl İşlem - Heat Treatment : Islah + İndüksiyon
 (Allowence + Induction)

Öneri: Kalıbın ters kapanmasını önlemek için aynı kalıpta
 üç adet ana ölçü bir adet yardımcı ölçüde olan ürünü kullanınız.

Örnek: Ø14 3 adet - Ø15 1 adet gibi

Sipariş Şekli: d1 x L1 x L2

ød1	L1	L2	L3	L4	d2	d3	a
14/15	17	35	9	7	20	25	6
		55					
		75					
		95					
22	30						
		50					
		70					
		90					
		110					
		125					
		150					
27	30						
		45					
		65					
		85					
		105					
		125					
		145					
		165					
36	35						
		55					
		75					
		95					
		115					
		125					
		145					
		155					
46	35						
		45					
		65					
		85					
		105					
		125					
		145					
56	35						
		55					
		75					
		95					
		135					
66	55						
		65					
		85					
		95					
		105					
		125					
76	35						
		55					
		75					
		95					
		125					
86	55						

ød1	L1	L2	L3	L4	d2	d3	a
14/15	86	75	9	7	20	25	6
		95					
	96	55					
		75					
		95					
116	75						
18/20	17	35	9	7	26	31	6
		55					
		75					
		120					
22	35						
		45					
		65					
		85					
		95					
		115					
27	35						
		45					
		65					
		85					
		105					
		125					
		165					
		225					
		245					
36	35						
		55					
		75					
		95					
		115					
		135					
		165					
		225					
		255					
46	35						
		45					
		65					
		85					
		105					
		135					
		165					
		245					
56	35						
		55					
		75					
		95					
		115					
		135					
		155					
66	35						
		55					

KUYRUKLU ŞAPKALI KADEMELİ KOLON (HASCO STANDARDI)

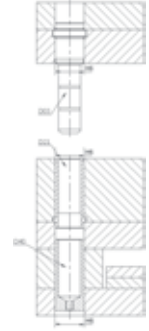
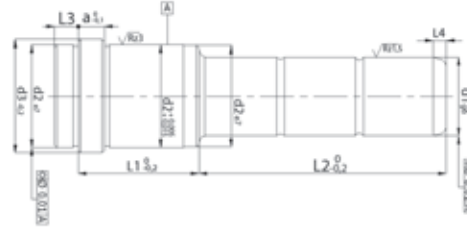
Sipariş Şekli: d1 x L1 x L2

ød1	L1	L2	L3	L4	d2	d3	a
22/24	46	45	9	7	30	35	6
		65					
		85					
		105					
		125					
		165					
		205					
56	35						
	55						
	75						
	95						
	115						
	135						
	165						
	205						
66	35						
	55						
	75						
	95						
	115						
	135						
	155						
76	35						
	55						
	75						
	95						
	115						
	145						
86	55						
	75						
	95						
	115						
	125						
	135						
96	55						
	75						
	95						
	115						
	125						
106	55						
	75						
	95						
	115						
116	75						
	115						
	155						
136	95						
	135						
30/32	27	35	9	7	42	47	6
		45					
		65					
		85					
		105					
		125					
		145					
		165					
		185					
		245					
		285					
36	35						
	55						
	75						
	95						
	115						
	135						
	155						
	245						
	285						
46	45						
	65						
	85						
	105						
	125						



ød1	L1	L2	L3	L4	d2	d3	a
18/20	66	75	9	7	26	31	6
		95					
		115					
		135					
		145					
76	35						
	55						
	75						
	95						
	115						
	135						
86	55						
	75						
	95						
	115						
	125						
	135						
96	55						
	75						
	95						
	115						
116	75						
136	95						
22/24	17	35	9	7	30	35	6
		55					
		75					
22	35						
	55						
	75						
	95						
	105						
	130						
27	35						
	45						
	65						
	85						
	105						
	125						
	165						
	205						
	245						
36	35						
	55						
	75						
	95						
	115						
	135						
	165						
	205						
	245						
	285						
46	35						

KUYRUKLU ŞAPKALI KADEMELİ KOLON (HASCO STANDARDI)



Malzeme - Material : Asil Çelik 1.1213 (Cf53)
 Sertlik - Hardness : 62 ± 2 HRC
 Isıl İşlem - Heat Treatment : Islah + İndüksiyon
 (Allowence + Induction)

Öneri: Kalıbın ters kapanmasını önlemek için aynı kalıpta
 üç adet ana ölçü bir adet yardımcı ölçüde olan ürünü kullanınız.
 Örnek: Ø14 3 adet - Ø15 1 adet gibi

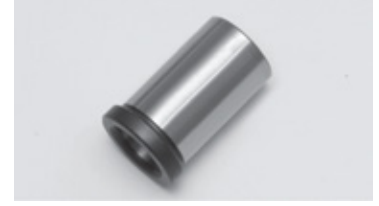
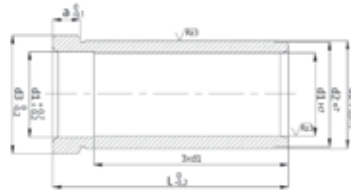
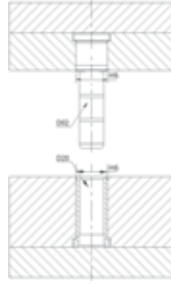
Sipariş Şekli: d1 x L1 x L2

ød1	L1	L2	L3	L4	d2	d3	a
30/32	46	145	9	7	42	47	6
		165					
		245					
		285					
	56	45					
		55					
		75					
		95					
		115					
		135					
		155					
		175					
		245					
		295					
	66	45					
		55					
		75					
		95					
		115					
		135					
		155					
		175					
		245					
		295					
	76	55					
		75					
		95					
		115					
		135					
		155					
		225					
	86	55					
		75					
		95					
		115					
		135					
		155					
		225					
	96	55					
		75					
		95					
		115					
		135					
		155					
		205					
	106	75					
		95					
		115					
		125					
		145					
		165					

ød1	L1	L2	L3	L4	d2	d3	a
30/32	116	75	9	7	42	47	6
		95					
		115					
		135					
		155					
	136	95					
		115					
		135					
		155					
	156	115					
		155					
	196	155					
		195					
40/42	46	95	12	7	54	60	10
		165					
	56	75					
		115					
		155					
		195					
	66	75					
		135					
	76	75					
		115					
		175					
	86	75					
		135					
	96	75					
		115					
		155					
	116	95					
		135					
		195					
	136	95					
		135					
		215					
	156	115					
		155					
		215					
	196	155					
		195					
		235					
	246	165					
		245					

ŞAPKALI BURÇ

180°
Yüksek Isıya
ve Sürtünmeye
Dayanıklı
Kolon ve Burç
Gresi



Malzeme - Material : Asil Çelik 1.7131 (16MnCr5)
Sertlik - Hardness : 62 ± 2 HRC
Isıl İşlem - Heat Treatment : Sementasyon (Case Hardened)

Sipariş Şekli: d1 x L

ød1	L	d2	d3	a
12	26	16	19	4
	36			
	46			
	56			
	66			
14	26	20	25	6
	36			
	46			
	56			
	66			
	76			
16	26	24	28	6
	36			
	46			
	56			
	66			
	76			
	86			
18	26	26	31	6

ød1	L	d2	d3	a
18	36	26	31	6
	46			
	56			
	66			
	76			
	86			
20	26	28	32	6
	36			
	46			
	56			
	66			
	76			
	86			
	96			
25	26	34	38	8
	36			
	46			
	56			
	66			
	76			
	86			
	96			
	106			
30	36	39	43	10
	46			
	56			
	66			

ød1	L	d2	d3	a
30	76	39	43	10
	86			
	96			
	106			
	116			
40	46	54	58	10
	56			
	66			
	76			
	86			
	96			
	106			
	116			
	126			
	136			
	146			

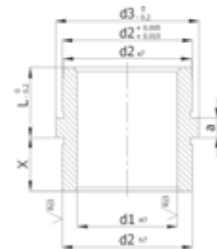
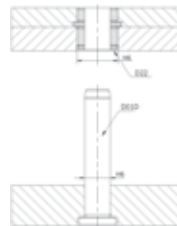
ORTADAN FLANŞLI BURÇ

ød1	L	d2	d3	a	x
12	16	16	19	6	12
14		20	25		
16		24	28		
18		26	31		
20		28	32		
24	21	34	38		16
25		34	38		
30		39	43		

Sipariş Şekli: d1 x L



Malzeme - Material : Asil Çelik 1.7131 (16MnCr5)
Sertlik - Hardness : 62 ± 2 HRC
Isıl İşlem - Heat Treatment : Sementasyon (Case Hardened)

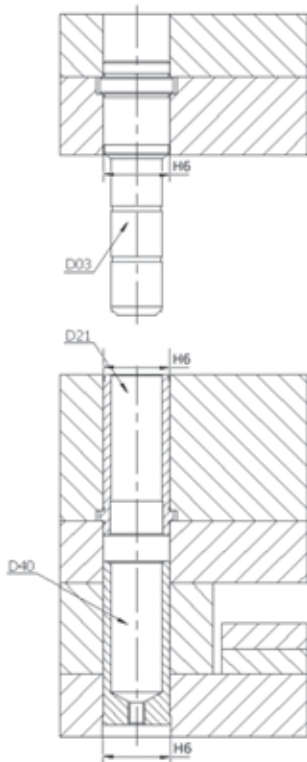
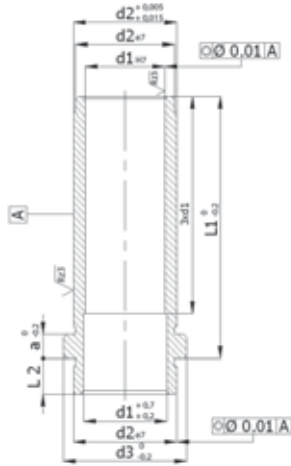


Standart dışı özel ölçüler sipariş üzerine temin edilir.

KUYRUKLU ŞAPKALI KADEMELİ KOLON (HASCO STANDARDI)



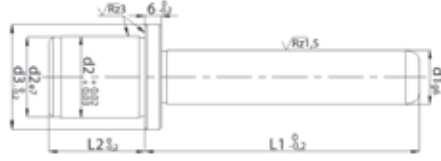
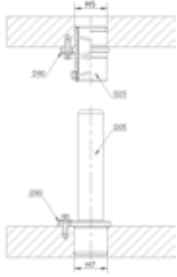
Malzeme - Material : Asil Çelik 1.7131 (16MnCr5)
 Sertlik - Hardness : 62 ± 2 HRC
 Isıl İşlem - Heat Treatment : Sementasyon (Case Hardened)



Sipariş Şekli: d1 x L1

ød1	L1	d2	d3	a	L2
14/15	17	20	25	6	9
	22				
	27				
	36				
	46				
	56				
	66				
	76				
	86				
	96				
	116				
18/20	17	26	31	6	9
	22				
	27				
	36				
	46				
	56				
	66				
	76				
	86				
	96				
	106				
	116				
	136				
22/24	17	30	35	6	9
	22				
	27				
	36				
	46				
	56				
	66				
	76				
	86				
	96				
	106				
	116				
	136				
	156				
30/32	27	42	47	6	9
	36				
	46				
	56				
	66				
	76				
	86				
	96				
	106				
	116				
	136				
	156				
	196				
40/42	46	54	60	10	12
	56				
	66				
	76				
	86				
	96				
	106				
	116				
	136				
	156				
	196				
	246				

ARKASI KALIN KOLON



Malzeme - Material : Asil Çelik 1.1213 (Cf53)
Sertlik - Hardness : 62 ± 2 HRC
Isıl İşlem - Heat Treatment : Islah + İndüksiyon
(Allowence + Induction)

Sipariş Şekli: d1 x L1 x L2

ød1	L1	L2	d2	d3
20	100	25	28	34
	125	25		
	140	25		
	160	25		
	180	25		
25	100	25	34	39
	125	25		
	140	25		
	160	25		
	180	25		

ød1	L1	L2	d2	d3
25	180	25	34	39
	200	25		
	220	25		
	240	25		
30	125	35	39	44
	140	35		
	160	35		
	180	35		
	200	35		
	220	35		
	240	35		
	260	35		
	280	35		
	315	35		

Standart dışı özel ölçüler sipariş üzerine temin edilir.

BURÇ, KUYRUKLU- ŞAPKALI

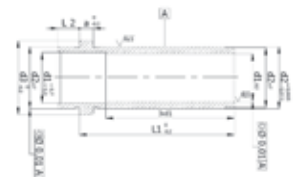
ød1	L1	ød2	d3	L2	a
16	26	24	28	9	6
	36				
	46				
	56				
	66				
	76				
	86				
20	26	28	32	9	6
	36				
	46				
	56				
	66				
	76				
	86				
	96				
25	26	34	38	9	8
	36				

Sipariş Şekli: d1 x L1

ød1	L1	ød2	d3	L2	a
25	46	34	38	9	8
	56				
	66				
	76				
	86				
	96				
	106				
30	36	39	43	9	10
	46				
	56				
	66				
	76				
	86				
	96				
	106				
	116				



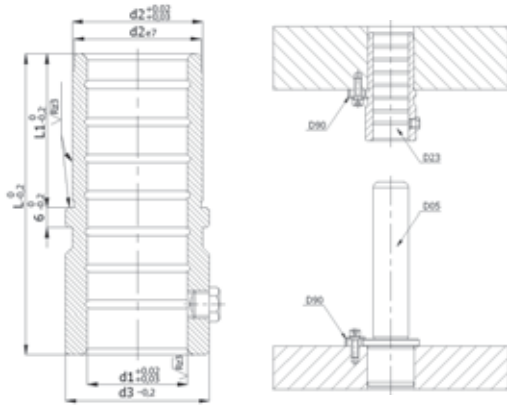
Malzeme - Material : Asil Çelik 1.7131 (16MnCr5)
Sertlik - Hardness : 62 ± 2 HRC
Isıl İşlem - Heat Treatment : Sementasyon (Case Hardened)



ORTADAN ŞAPKALI BURÇ



Malzeme - Material : Asil Çelik 1.1213 (Cf53)
 Sertlik - Hardness : 62 ± 2 HRC
 Isıl İşlem - Heat Treatment : Sementasyon(Case Hardened)



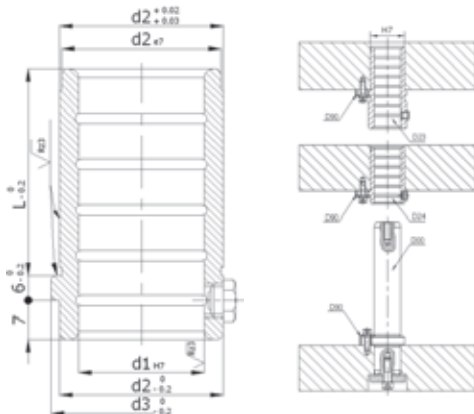
Sipariş Şekli: d1 x L1

ød1	L1	d2	d3	L
20	26	28	34	70
	36			
25	26	34	39	80
	36			
30	36	39	44	90
	46			
40	36	50	54	100
	36	58	65	108
	46	50	54	100
50	46	60	64	120
	56	60	64	120
	56	70	75	127
63	56	80	87	130
	56	85	95	150
80	60	105	115	150

ÜSTTEN ŞAPKALI BURÇ



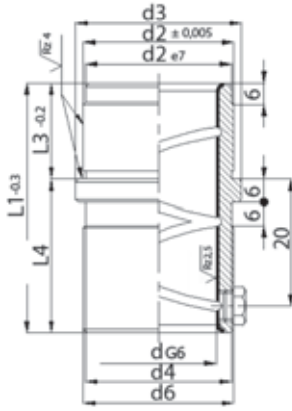
Malzeme - Material : Asil Çelik 1.1213 (Cf53)
 Sertlik - Hardness : 62 ± 2 HRC
 Isıl İşlem - Heat Treatment : Sementasyon(Case Hardened)



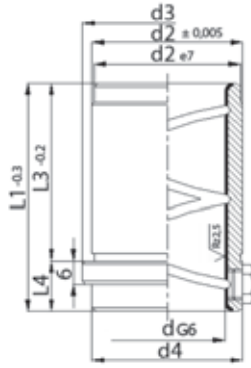
Sipariş Şekli: d1 x L1

ød1	L1	d2	d3
20	26	28	34
25	26	34	39
30	26	39	44
	36		
40	36	50	54
	46		
	46	58	65
50	46	60	64
	46	70	75
63	46	85	95
	56		
80	60	105	115

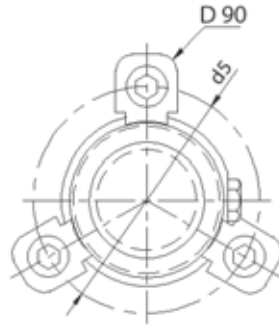
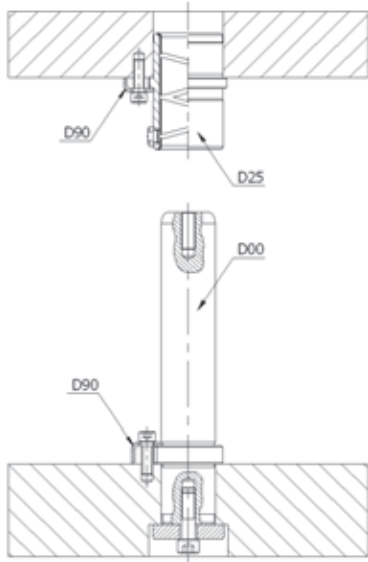
BRONZLU BURÇ



OŞB



UŞB



UŞB TİP D26



Malzeme - Material : Asil Çelik 1.1186 (Ck40)+Bronze
Sertlik - Hardness : 52 ± 2 HRC
Isıl İşlem - Heat Treatment : İndüksiyon (Induction)

OŞB TİP D25



NOT: Yeni D25 'ler çakma yöntemiyle değil savurma teknolojişi ile Bronz kaplanarak üretilmiştir.

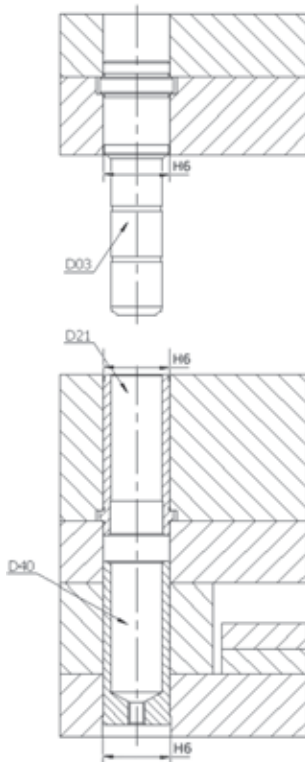
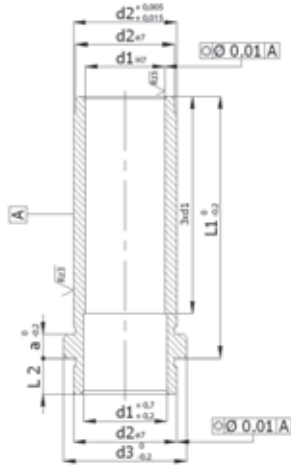
Sipariş Şekli: d1 x L1

ød	L1	Boy	d2	d3	d4	d5	d6	L3	L4
19/20	35	kısa	32	40	32	52		23	12
	43	orta					39		20
	59	uzun							36
24/25	35	kısa	40	48	40	60		23	12
	59	orta					46		36
	79	uzun							56
30/32	42	kısa	48	55	48	67		30	12
	75	orta					53		45
	93	uzun							63
38/40	52	kısa	58	65	58	77		37	18
	82	orta					63		45
	108	uzun							71
48/50	65	kısa	70	80	70	91		47	18
	97	orta					77		50
	127	uzun							80
60/63	80	kısa	85	95	85	106		60	20
	116	orta					92		56
	150	uzun							90
80	80	kısa	105	118	105	129		60	20
	120	orta					115		60
	150	uzun							90

KUYRUKLU ŞAPKALI BURÇ (HASCO STANDARDI)



Malzeme - Material : Asil Çelik 1.7131 (16MnCr5)
 Sertlik - Hardness : 62 ± 2 HRC
 Isıl İşlem - Heat Treatment : Sementasyon (Case Hardened)



Sipariş Şekli: d x L1 x d1

ød1	L1	d2	d3	a	L2
14/15	17	20	25	6	9
	22				
	27				
	36				
	46				
	56				
	66				
	76				
	86				
	96				
	116				
18/20	17	26	31	6	9
	22				
	27				
	36				
	46				
	56				
	66				
	76				
	86				
	96				
	106				
	116				
	136				
22/24	17	30	35	6	9
	22				
	27				
	36				
	46				
	56				
	66				
	76				
	86				
	96				
	106				
	116				
	136				
	156				
30/32	27	42	47	6	9
	36				
	46				
	56				
	66				
	76				
	86				
	96				
	106				
	116				
	136				
	156				
	196				
40/42	46	54	60	10	12
	56				
	66				
	76				
	86				
	96				
	106				
	116				
	136				
	156				
	196				
	246				

BİLYALI KAFES



Sipariş Şekli: d x L

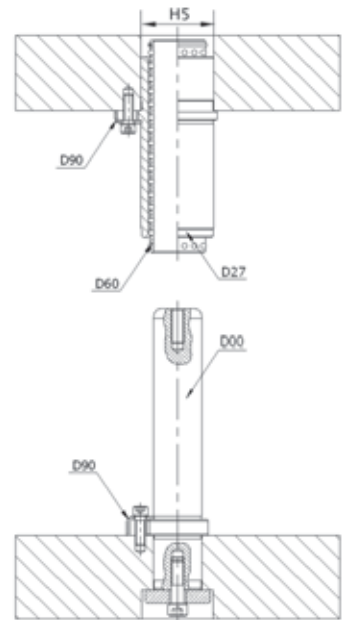
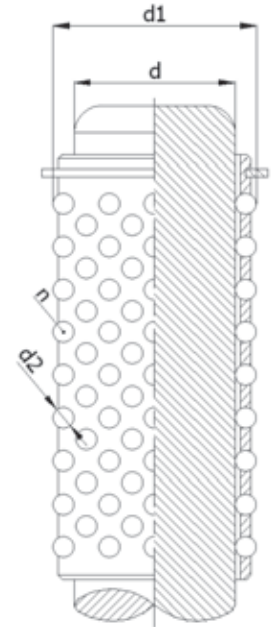
ød	L	d1	d2	n
12	40	16	2	176
	56			272
15	45	21	3	112
	56			168
	71			196
16	45	22	3	112
	56			168
	71			196
18	45	24	3	144
	56			192
	71			256
19	45	25	3	144
	56			198
	71			252
	80			288
	95			360
20	45	26	3	144
	56			198
	71			252
	80			288
	95			360
24	45	30	3	160
	56			220
	71			280
	80			320
	95			400
	105			440
	120			520
25	45	31	3	160
	56			220
	71			280
	80			320
	95			400
	105			440
	120			520
30	45	38	4	120
	56			180
	75			200
	80			240
	95			300
	105			340
	120			380
	140			460
32	45	40	4	120
	56			180
	71			200
	80			240
	95			300
	105			340
	120			380
	140			460

ød	L	d1	d2	n
38	56	46	4	192
	71			240
	80			288
	95			360
	105			408
	120			456
	140			552
	160			648
40	56	48	4	192
	71			240
	80			288
	95			360
	105			408
	120			456
	140			552
	160			648
48	71	56	4	300
	80			360
	95			450
	105			510
	120			570
	140			690
	160			810
50	71	58	4	300
	80			360
	95			450
	105			510
	120			570
	140			690
	160			810
60	85	68	4	324
	105			405
	140			567
	160			648
63	85	71	4	324
	105			405
	140			567
	160			648

Malzeme - Material : Ms58
Bilya Malzemesi - Ball Material : 100Cr6 (1.3505)

Öneri: Kalıbın ters kapanmasını önlemek için aynı kalıpta üç adet ana ölçü bir adet yardımcı ölçüde olan ürünü kullanınız.

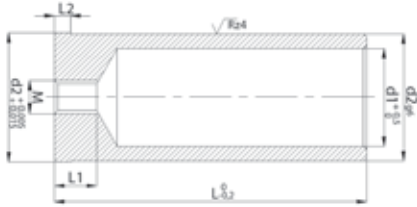
Örnek: Ø20 3 adet - Ø19 1 adet gibi



TESPİT BURCU



Malzeme - Material : Asil Çelik 1.7131 (16MnCr5)
Sertlik - Hardness : 62 ± 2 HRC
Isıl İşlem - Heat Treatment : Sementasyon (Case Hardened)



Sipariş Şekli: d2 x L

ød2	L	ød1	M	L1	L2
20	30	16	8	13	2.5
	40				
	60				
	80				
	100				
	120				
	140				
	160				
26	30	21	10	13	2.5
	40				
	60				
	80				
	100				
	120				
	140				
	160				
	180				
30	40	25	12	13	2.5
	60				
	80				
	100				
	120				
	140				
	160				
	180				
	200				
	240				

ød2	L	ød1	M	L1	L2
42	40	33	16	13	4.5
	60				
	80				
	100				
	120				
	140				
	160				
	180				
	200				
	220				
	260				
	300				
54	60	43	20	13	4.5
	80				
	120				
	160				
	200				
	240				
	280				

BİLYALI BURÇ

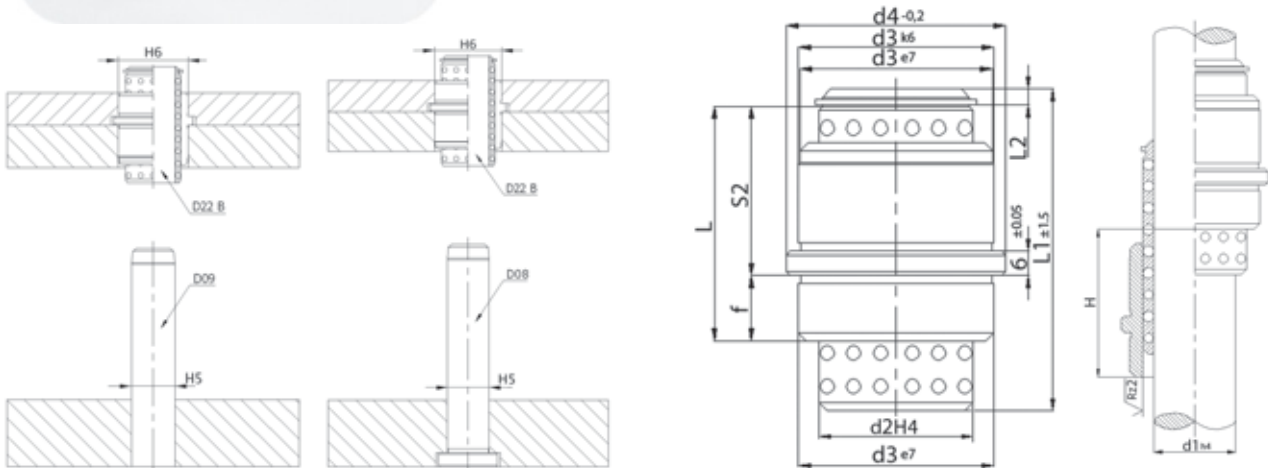


Malzeme - Material : Asil Çelik 1.3505 (100Cr6)
Sertlik - Hardness : 62 ± 2 HRC
Isıl İşlem - Heat Treatment : Sertleştirme (Hardened)

Malzeme - Material : Ms58
Bilya Malzemesi - Ball Material : 100Cr6 (1.3505)

ød1	L1	Hmax	L2	L	f	d2	d3	d4	S2
12	40	50	2.1	24	6	16	22	26	18
	56	82							
18	45	44	3	34	11	24	30	35	23
	56	66							
	71	96							
30	56	32	4.8	54	21	38	46	52	33
	75	70							
	95	110							

Sipariş Şekli: d1 x L1

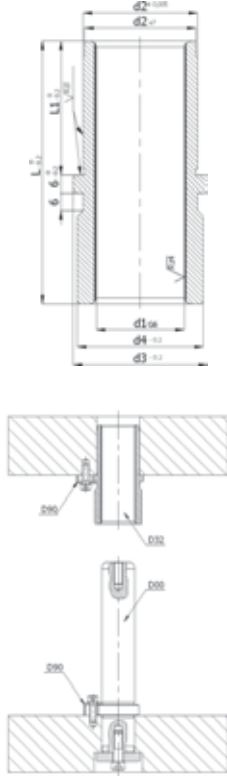


BURÇ SİNERLİ - UZUN TİP

D 32



Malzeme - Material : 1.1191(Ck45)+Sinter
Sertlik - Hardness : 52 ± 2 HRC
Isıl İşlem - Heat Treatment : İndüksiyon (Induction)



Not: Yeni D32 ve D33 Sinterli burçları çalışmaya başlamadan önce bir defaya mahsus yağlamak yeterlidir. Sonraki kullanımlarda yağlamaya ihtiyaç yoktur.

Sipariş Şekli: d x L1

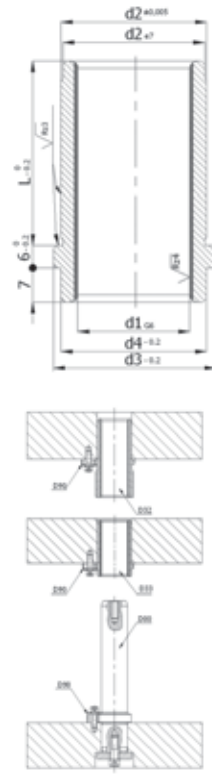
ød	L1	d2	d3	d4	L
20	26	32	40	38	70
	36				
25	26	40	47	45	80
	36				
30	36	48	54	52	90
	46				
40	36	58	64	62	100
	46				
50	46	70	78	76	120
	56				
63	56	85	93	91	150

BURÇ SİNERLİ - KISA TİP

D 33



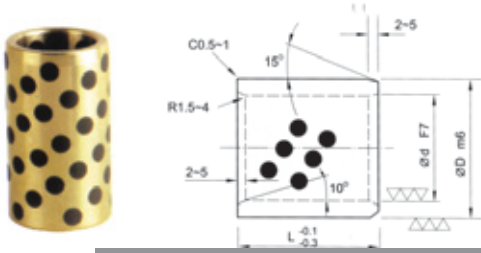
Malzeme - Material : 1.1191(Ck45)+Sinter
Sertlik - Hardness : 52 ± 2 HRC
Isıl İşlem - Heat Treatment : İndüksiyon (Induction)



Sipariş Şekli: d x L

ød	d2	d3	d4	L
20	32	40	32	26
				36
25	40	47	40	26
				36
30	48	54	48	26
				36
40	58	64	58	36
				46
50	70	78	70	46
63	85	93	85	56

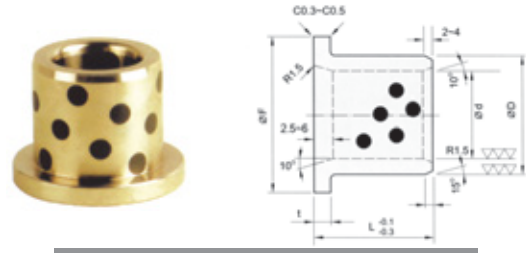
GRAFİTLİ BURÇ



d	D	L ^{+0.1/-0.3}
8	12	8-10-12-15-20
10	14	8-10-12-15-16-20-25-30
12	18	10-12-15-16-20-25-30
13	19	10-15-20-25-30
14	20	10-12-16-20-25-30
16	22	10-12-16-20-25-30-35
18	24	15-16-20-25-30-35
20	28	15-16-20-25-30-35-40-50
20	30	16-20-25-30-35-40-50
25	33	16-20-25-30-35-40-50-60
25	35	16-20-25-30-35-40-50-60
30	38	20-25-30-35-40-50-60
30	40	20-25-30-35-40-50-60
35	44	20-25-30-35-40-50-60
35	45	20-25-30-35-40-50-60
40	50	20-25-30-35-40-50-60-70
40	55	30-35-40-50-60-70
45	55	30-35-40-50-60
45	60	30-35-40-50-70-80
50	60	30-35-40-50-60-70-80
50	62	30-35-40-50-60-70
50	65	30-40-50-60-70-80-100
55	70	40-50-60-70
60	74	30-35-40-50-60-70-80-90
60	75	30-35-40-50-60-70-80-100
65	80	50-60-70-80-90
70	85	35-40-50-60-70-80-100
70	90	50-60-70-80-100
75	90	60-70-80-100-120
80	96	40-50-60-70-80-100-120
80	100	40-50-60-70-80-100-120

Sipariş Şekli: d x L

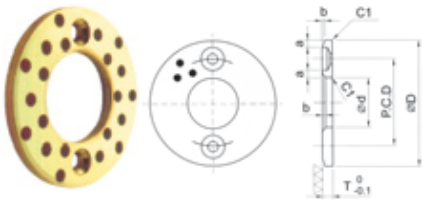
GRAFİTLİ ŞAPKALI BURÇ



d _{E7}	D _{r6}	F	t	L
10	14	22	2	10-15-20
12	18	25	3	10-15-20
13	19	26	3	15-20
14	20	27	3	15-20
15	21	28	3	10-15-20-25-30
16	22	29	3	15-20-25-30
20	30	40	5	12-15-20-25-30-35-40
25	35	45	5	15-20-25-30-35-40
30	40	50	5	20-25-30-35-40-50
31.5	40	50	5	20-30-35
35	45	60	5	20-30-40-50
40	50	65	5	20-30-40-50
45	55	70	5	30-40-50-60
50	60	75	5	30-40-50-60
55	65	80	5	40-60
60	75	90	7.5	40-50-60-70-80
63	75	85	7.5	50-67
70	85	105	7.5	50-60-70-80
75	90	110	7.5	60-80
80	100	120	10	60-70-80-100
90	110	130	10	60-80-100
100	120	150	10	80-100
120	140	170	10	80-100

Sipariş Şekli: d x L

GRAFİTLİ DİSK



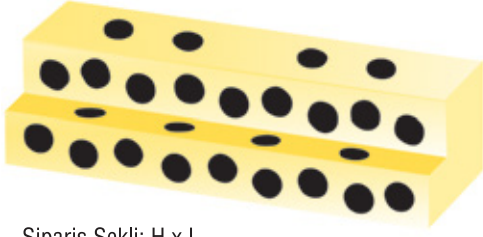
Standart dışı özel ölçüler sipariş üzerine temin edilir.

d	D	T	P.C.D	Delik Adedi	Metrik	a
10.2	30	3	20	2	M3	1.5
12.2	40	3	28	2	M3	2
13.2	40	3	28	2	M3	2
16.2	50	3	35	2	M3	2
18.2	50	3	35	2	M3	2
20.2	50	5	35	2	M5	2.5
25.2	55	5	40	2	M5	2.5
30.2	60	5	45	2	M5	2.5
35.2	70	5	50	2	M5	2.5
40.2	80	7	60	2	M6	3

Sipariş Şekli: d x D

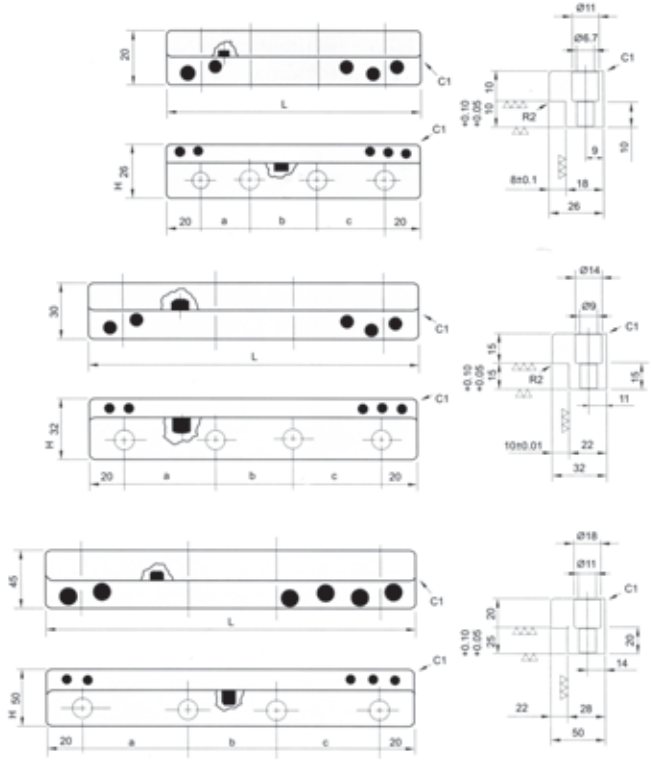
d	D	T	P.C.D	Delik Adedi	Metrik	a
45.2	80	7	70	2	M6	3
50.3	100	8	75	4	M6	4
55.3	110	8	85	4	M6	4
60.3	120	8	90	4	M8	5
65.3	125	8	95	4	M8	5
70.3	130	10	100	4	M8	5
80.3	150	10	120	4	M8	5
90.5	170	10	140	4	M10	5
100.5	190	10	160	4	M10	5
120.5	200	10	175	4	M10	5

GRAFİTLİ KÖŞEBENT PLAKA

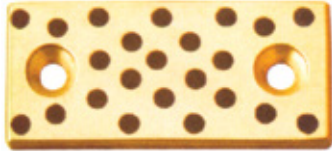


Sipariş Şekli: H x L

H	L	Delik Eksen Aralıkları				Metrik	Civata Adedi
		a	b	c	d		
26	100	60	-	-	-	M6	2
	150	55	55	-	-		3
	200	55	50	55	-		4
32	100	60	-	-	-	M8	2
	150	55	55	-	-		3
	200	55	50	55	-		4
	250	70	70	70	-		4
50	200	55	50	55	-	M10	4
	250	70	70	70	-		4
	300	65	65	65	65		5
	350	80	75	75	80		5

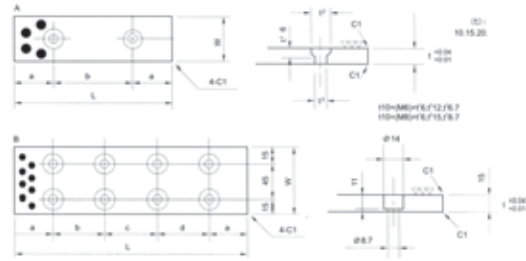


GRAFİTLİ DÜZ PLAKA



Sipariş Şekli: W x L

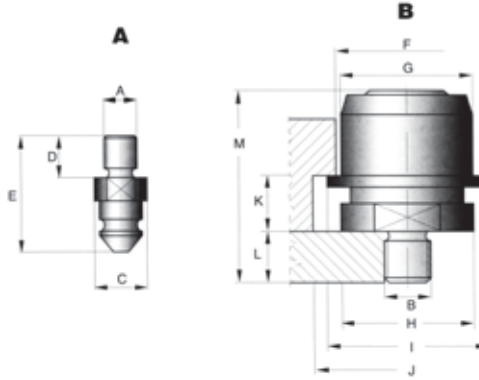
W	L	Delik Eksen Aralıkları					Metrik	Civata Adedi
		a	b	c	d	a		
18	75	15	45	-	-	-	M6	2
	100	25	50	-	-	-		2
	125	25	75	-	-	-		2
	150	25	100	-	-	-		2
28	75	15	45	-	-	-	M6	2
	100	25	50	-	-	-		2
	125	25	75	-	-	-		2
	150	25	100	-	-	-		2
35	100	200	60	-	-	-	M8	2
	150	20	55	-	-	-		3
	200	20	55	-	-	-		4
	250	20	70	-	-	-		4
38	300	20	65	55	-	-	M8	5
	350	200	80	50	55	-		5
	100	25	50	70	70	-		2
	125	25	75	65	65	65		2
	150	25	100	75	75	80		2



W	L	Delik Eksen Aralıkları					Metrik	Civata Adedi
		a	b	c	d	a		
48	75	15	45	-	-	-	M8	2
	100	25	50	-	-	-		2
	125	25	75	-	-	-		2
	150	25	100	-	-	-		2
50	100	20	60	-	-	-	M8	2
	150	20	55	55	-	-		3
	200	20	55	50	55	-		4
	250	20	70	70	70	-		4
75	300	20	65	65	65	65	M8	5
	400	200	90	90	90	90		5
	150	20	110	-	-	-		4
	200	20	80	80	-	-		6
-	250	20	105	105	-	-	M8	6
	300	20	85	90	85	-		8
	400	200	120	120	120	-		8
	500	20	115	115	115	115		10

Standart dışı özel ölçüler sipariş üzerine temin edilir.

OTOMATİK İTİCİ PLAKA BAĞLANTI SİSTEMLERİ



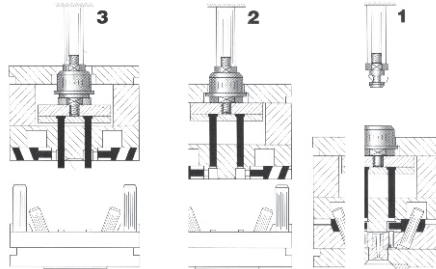
Avantajları:

- Bu sistem özellikle maçalı kalıplar için uygundur. Maçaların altında kalan iticileri kalıp kapanmadan önce geri çekmeyi sağlayan etkili bir sistemdir.
- Otomatik çalışması istenen kalıplarda defalarca itici vuruşu tekrarlanabilir.
- Kalıbı itici, maça bindirmelerine karşı en yüksek düzeyde korur. Bakım onarım ve zamandan tasarruf sağlar.

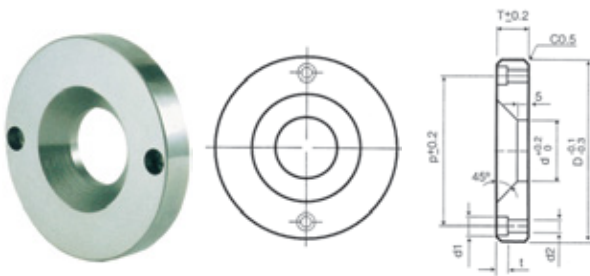
A					B									
A	C	D	E	kg	B	F	G	H	I	J	K	L	M	kg
M10x1.5					M16x1.5									
M12x1.75	26	20	56	2500	M16x1.5	40	38	38	48	50	15 ^{+0.1} ₋₀	14	52	2500
M14x2					M16x1.5									
M16x2					M16x1.5									
M18x2.5					M18x1.5									
M20x2.5	35	25	68	3500	M18x1.5	58	56	52	64	70	17 ^{+0.1} ₋₀	18	68	3500
M24x3					M20x1.5									
M30x3.5					M20x1.5									

Çalışma Şekli:

1. Resim: Kalıp kapalı iken hammadde kalıba enjekte edilir.
- 2-3. Resim : Kalıp açılır maçalar açılır. Sistemin makine itici grubu uç kısmına monte edilen hareketli pim yuvasına girer ve kilitlenir. Hareket devam eder itici pimler mamül kalıptan çıkarır ve tekrar geriye çekerek muhtemel maça temasına karşı korur. Kalıp kapanır sistem görevini tamamlar.



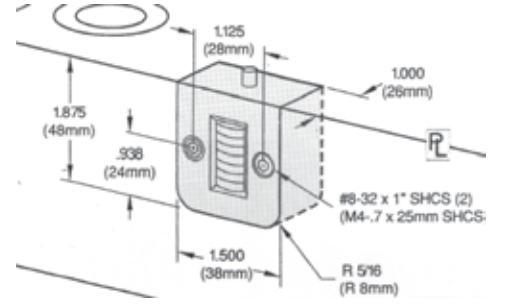
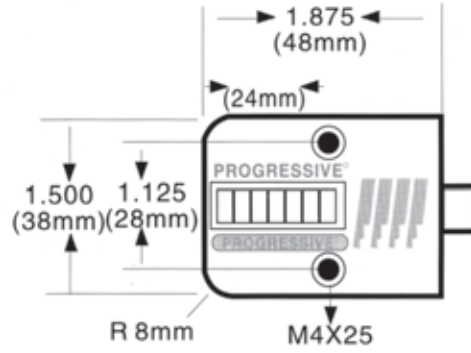
YOLLUK FLANŞI



d	T	D				
		80	100	125	150	175
28	10					
30	10					

Sipariş Şekli: d x T x D

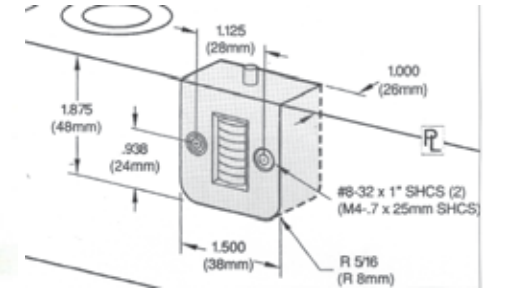
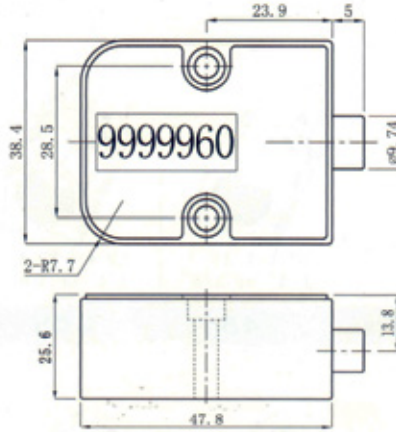
KALIP SAYAÇLARI - KARE



KALIP SAYAÇLARI - KARE



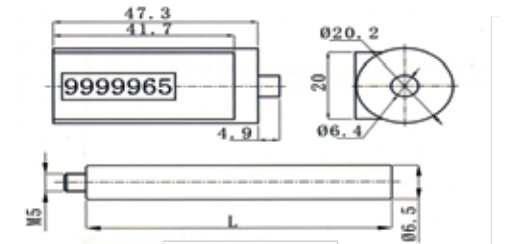
Model
SSVPL-200
SSVIN-200



KALIP SAYAÇLARI - YUVARLAK



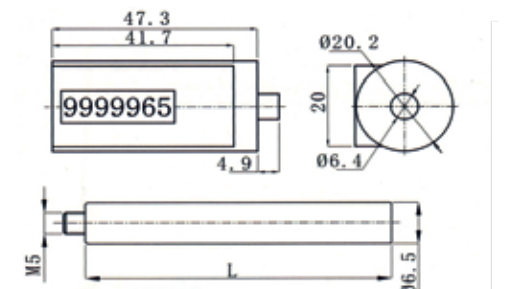
Model
CVR/CT98466



KALIP SAYAÇLARI - YUVARLAK



Model
CVR - 190



Kalip sayaçları 120° ısıya dayanıklıdır. Darbelerden ve sürtünmelerden kesinlikle etkilenmez. Ürün mekanik olduğundan dijital ürünlere göre arıza oranı hiç yoktur. Üründe sıfırlanma yapılamaz.

MENGENELER



S-120



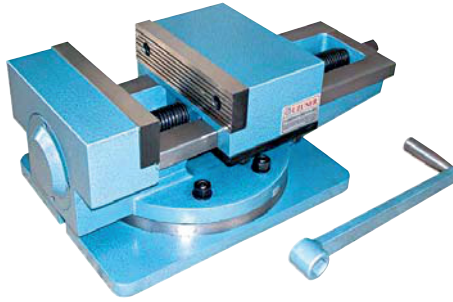
G-160



M-200



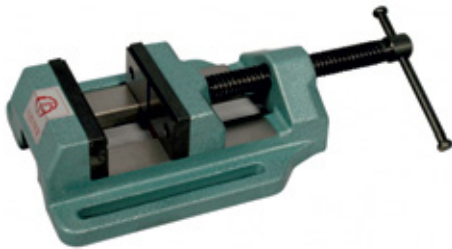
Y-250



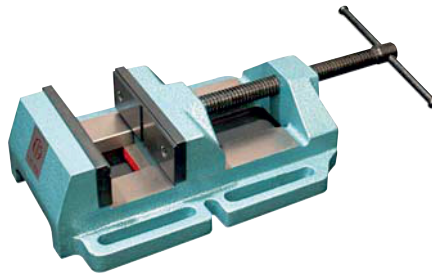
M-400



2A-100



MT-100



MT-150



MD-200

Makina Mengeneleri

Model	2A-100 (0°-60°)	S-120	G-160	M-200	Y-250	M-400	MT-100	MT-150
Açma Mesafesi	100 mm	120 mm	160 mm	200 mm	250 mm	400 mm	100 mm	150 mm
Çene Genişliği	126 mm	104 mm	130 mm	147 mm	190 mm	250 mm	100 mm	140 mm
Kg	30	16	30	45	63	112	6,5	14,5

Hassas CNC Mengeneler

Model	Açma Mesafesi	Süper Açma	Çene Genişl.	Çene Yüksek.	Toplam Uzunluk	Toplam Yükseklik	Ağırlık Kg.
Açma Mesafesi	200 mm	400 mm	150 mm	50 mm	470 mm	120 mm	35
Çene Genişliği	300 mm	550 mm	200 mm	60 mm	650 mm	140 mm	60