



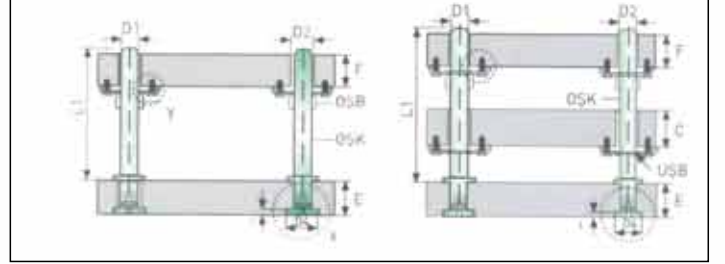
RE-AL

KESİCİ TAKIMLARI & TEKNİK HIRDAVAT SAN. TİC.

KALIP SETLERİ KOLON BURÇLAR

PRES KALIP SETLERİ

Kesme Kalıbı EN / BOY		Plaka Kalınlıkları			Eksen Ölçüleri			Kolon Burç Çapları		Kolon Boyu
A	L	E	F	C	G	M	B	D1	D2	H
156	156				76	76				
	196				76	116				
	246	27	27	27	76	166	23	20	28	100 - 112
	296	37	37		76	216				125 - 140
	346				76	266				160 - 180
196	196				116	116				
	246				116	116				
	296	27	27	27	116	216	23	20	28	100 - 112
	346	37	37		116	266				125 - 140
	446				116	316				160 - 180
246	246				151	151				
	296				151	201				
	346	27	27	25	151	251	28	25	34	100 - 112
	396	37	37	37	151	301				125 - 140
	446	47	47		151	351				160 - 224
296	296				201	201				
	346				201	251				
	396	37	37	37	201	301	28	25	34	100 - 112
	446	47	47	47	201	351	32	30	39	125 - 140
	496	57	57		188	388				160 - 180
346	346				238	238				
	396				238	288				
	446	37	37	37	238	338	32	30	39	100 - 112
	496	47	47	47	238	388				125 - 140
	546	57	57		238	438				160 - 180
396	396				288	288				
	446				288	338				
	496	37	37	37	288	388	32	30	39	100 - 112
	546	47	47	47	288	438	41	40	50	125 - 140
	596	57	57		260	460				160 - 180
446	446				310	310				
	496				310	360				
	546	47	47	47	310	410	41	40	50	100 - 112
	596	57	57		310	460				125 - 140
	646	67	67		310	510				160 - 180
496	496				360	360				
	546				360	410				
	596	47	47	47	360	460	41	40	50	100 - 112
	646	57	57		360	510				125 - 140
	746	67	67		360	560				160 - 180



Dört Sütunlu Kalıp Seti	Ortadan Sütunlu Kalıp Seti	Çapraz Sütunlu Kalıp Seti	Arkadan Sütunlu Kalıp Seti
DSK 	OSK 	ÇSK 	ASK
DSKK 	OSKK 	ÇSKK 	ASKK

Enjeksiyon Kalıp En / Boy	A	B	Kapak Alt / Üst	Kalınlıklar (mm)					Takoz		İtici Plakalar				Eksen Ölçüleri (A)		Eksen Ölçüleri (B)		Kenar Mesafesi		Kolon Burç Çapları		Civata Bağlantı	
				M Manifolt	H1	H2	H6	H4	Z	X	Z	H7	Z	X	H8	A1	A2	B1	B2	G	D1	D2	M	m
156		156	27 > 37												X	196	116	116	66	20	16	24	M10	m8
		196		27	27	27	27	27	47	37	14	78	14	78	78			156	106					
		246		>	>	>	>	>	>		>		>					206	156					
		296		87	87	87	87	87	67	47	17	58	17	58	58			256	206					
		346*																304	256					
																		156	106					
196		196	27 > 37													246	156	206	156	20	16	24	M10	m8
		246		27	27	27	27	27	47	37	14	118	17	118	118			256	206					
		296		>	>	>	>	>	>		>		>					306	256					
		346		87	87	87	87	87	67	47	17	98	22	98	98			356	306					
		396																406	356					
		446*																200	146					
246		246	27 > 37													296	200	250	196	23	20	28	M10	m8
		296		27	27	27	27	27	57	47	17	148	17	148	148			300	246					
		346		>	>	>	>	>	>		>		>					350	296					
		396		97	97	97	97	97	97	57	22	128	22	128	128			400	346					
		446																450	396					
		496*																240	176					
296		296	27 > 37													346	240	290	226	28	25	34	M12	m8
		346		37	37	37	37	37	57	47	17	198	22	198	198			340	276					
		396		>	>	>	>	>	>		>		>					390	326					
		446		107	107	107	107	107	97	57	22	178	27	178	178			440	376					
		496																490	426					
		546																290	226					
346		346	37 > 47													396	290	340	276	28	25	34	M12 M16	m10
		396		37	37	37	37	37	67	57	17	228	22	228	228			390	326					
		446		>	>	>	>	>	>		>		>					440	376					
		496		107	107	107	107	107	107	67	22	208	27	208	208			490	426					
		546																540	476					
		596*																						

Enjeksiyon Kalıp En / Boy		Kapak Alt / Üst	Kalınlıklar (mm)				Takoz		İtici Plakalar				Eksen Ölçüleri (A)		Eksen Ölçüleri (B)		Kenar Mesafesi	Kolon Burç Çapları		Civata Bağlantı		
A	B	H5	M Manifolt	H1	H2	H6	H4	Z	H3	Z	H7	H8	X	A1	A2	B1	B2	G	D1	D2	M	m
396	396	37 > 47	37 > 117	37	37	37	37	67	57	17	278	22	X	446	332	332	236	32	30	39	M16	m10
	446			>	>	>	>	>	57	>	278	>	278	332	382	286						
	496			>	>	>	>	>	57	>	278	>	278	332	432	336						
	546			>	>	>	>	>	57	>	278	>	278	332	482	386						
	596			>	>	>	>	>	57	>	278	>	278	332	532	436						
446	446	37 > 47	37 > 117	37	37	37	37	67	57	22	327	27	328	496	382	382	286	32	30	39	M16	m10
	496			>	>	>	>	>	57	>	327	>	328	382	432	336						
	546			>	>	>	>	>	57	>	327	>	328	382	482	386						
	596			>	>	>	>	>	57	>	327	>	328	382	532	436						
	646			>	>	>	>	>	57	>	327	>	328	382	582	486						
496	496	37 > 57	37 > 117	37	37	37	37	67	67	22	358	27	358	546	432	432	336	32	30	39	M16	m12
	546			>	>	>	>	>	67	>	358	>	358	432	482	386						
	596			>	>	>	>	>	67	>	358	>	358	432	532	436						
	646			>	>	>	>	>	67	>	358	>	358	432	582	486						
	696			>	>	>	>	>	67	>	358	>	358	432	632	536						
546	546	37 > 57	47 > 127	47	47	47	47	67	67	22	408	27	408	596	482	482	386	45	40	54	M16	m12
	596			>	>	>	>	>	67	>	408	>	408	482	532	436						
	646			>	>	>	>	>	67	>	408	>	408	482	582	486						
	696			>	>	>	>	>	67	>	408	>	408	482	632	536						
	746			>	>	>	>	>	67	>	408	>	408	482	682	586						
596	596	37 > 57	57 > 147	57	57	57	57	87	77	22	438	27	438	646	506	506	416	45	40	54	M16	m12
	646			>	>	>	>	>	77	>	438	>	438	506	556	466						
	696			>	>	>	>	>	77	>	438	>	438	506	606	516						
	746			>	>	>	>	>	77	>	438	>	438	506	656	566						
	796			>	>	>	>	>	77	>	438	>	438	506	706	616						
649	646	37 > 57	57 > 147	57	57	57	57	87	77	22	488	27	488	696	556	556	466	45	40	54	M16	m12
	696			>	>	>	>	>	77	>	488	>	488	556	606	516						
	746			>	>	>	>	>	77	>	488	>	488	556	656	566						
	796			>	>	>	>	>	77	>	488	>	488	556	706	616						
	796			>	>	>	>	>	77	>	488	>	488	556	706	616						
696	696	37 > 57	57 > 147	57	57	57	57	87	77	22	538	27	538	746	606	606	516	45	40	54	M20	m12
	746			>	>	>	>	>	77	>	538	>	538	606	656	566						
	796			>	>	>	>	>	77	>	538	>	538	606	706	616						
	796			>	>	>	>	>	77	>	538	>	538	606	706	616						
	796			>	>	>	>	>	77	>	538	>	538	606	706	616						
746	746	37 > 57	57 > 147	57	57	57	57	87	77	22	588	27	588	796	656	656	566	45	40	54	M20	m12
	796			>	>	>	>	>	77	>	588	>	588	656	706	616						
	796			>	>	>	>	>	77	>	588	>	588	656	706	616						
	796			>	>	>	>	>	77	>	588	>	588	656	706	616						
	796			>	>	>	>	>	77	>	588	>	588	656	706	616						
796	796	37 > 57	57 > 147	57	57	57	57	87	77	22	638	27	638	846	706	706	616	45	40	54	M20	m12
	796			>	>	>	>	>	77	>	638	>	638	706	706	616						
	796			>	>	>	>	>	77	>	638	>	638	706	706	616						
	796			>	>	>	>	>	77	>	638	>	638	706	706	616						
	796			>	>	>	>	>	77	>	638	>	638	706	706	616						

D01 Serisi // Şapkalı Kolon HASCO Tip // ŞK

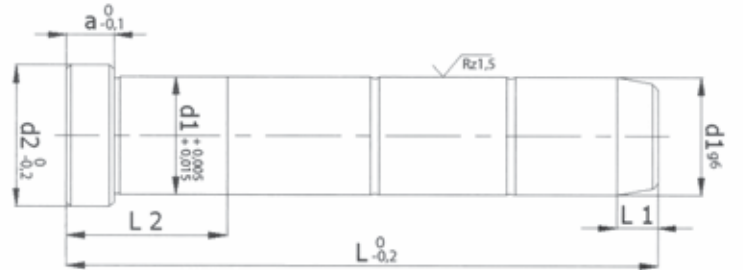
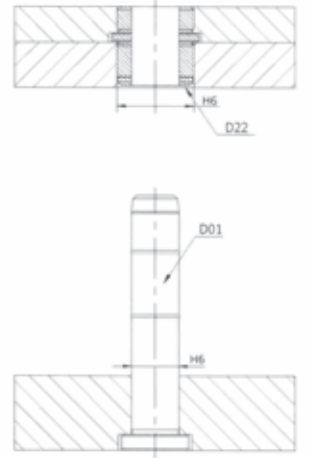
Malzeme - Material : Asil Çelik 1.1213 (Cf 53)
Sertlik - Hardness : 62 ± 2 HRC
Isıl İşlem - Heat Treatment : Islah + İndüksiyon (Allowence + Induction)



Sipariş Örneği: d1 x L

d1	L	L1	L2	d2	a
10	40	4	17	12	3
	60				
	80		22		
	100		27		
	120				
12	40	7	17	16	6
	60		22		
	80				
	100		27		
	120				
	140		36		
	160				
14	60	7	17	18	8
	80		22		
	100		27		
	120				
	140		36		
	160				
	180		46		
16	40	7	22	20	8
	60		27		
	80				
	100		36		
	120				
	140		46		
	160				
	180		56		
18	60	7	27	22	8
	80				
	100		36		
	120				
	140		46		
	160				
	180		56		
	200				
20	60	7	27	24	8
	80				
	100		36		
	120				
	140		46		
	160				
	180		56		
	200				
22	80	7	36	26	15
	100				
	120				
	140				
	160		46		
	180		56		
	200				
	220				

d1	L	L1	L2	d2	a
24	80	7	36	28	15
	100				
	120				
	140				
	160		46		
	180				
	200		56		
	220				
	240		66		
	300				
30	100	7	36	36	15
	120				
	140				
	160		46		
	180		56		
	200		66		
	220				
	240				
	300		76		
	360				
40	160	10	46	46	15
	180		56		
	200				
	220		66		
	240				
	280				
	300				
	320		76		
	360				
50	160	10	56	58	15
	200				
	240				
	300		66		
	360		76		



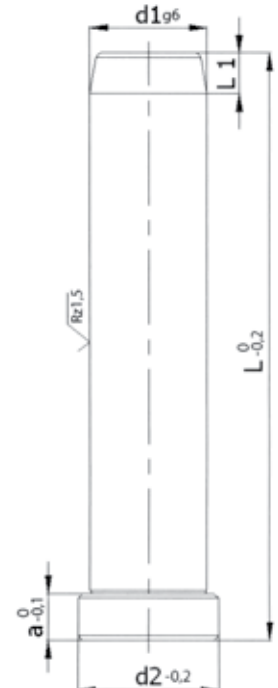
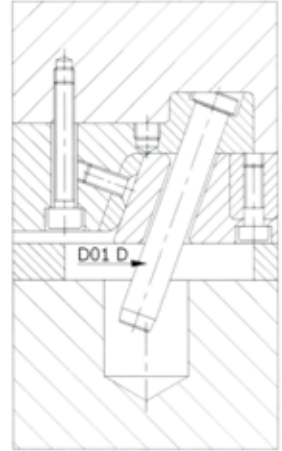
D01D Serisi // Şapkalı Kolon HASCO Tip Kanalsız // ŞK

Malzeme - Material : Asil Çelik 1.1213 (Cf 53)
Sertlik - Hardness : 62 ± 2 HRC
Isıl İşlem - Heat Treatment : Islah + İndüksiyon (Allowence + Induction)

Sipariş Örneği: d1 x L

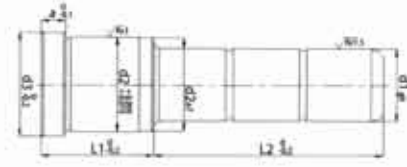
d1	L	L1	d2	a
10	40	4	12	3
	60			
	80			
	100			
	120			
12	40	7	16	6
	60			
	80			
	100			
	120			
14	40	7	18	8
	60			
	80			
	100			
	120			
16	40	7	20	8
	60			
	80			
	100			
	120			
18	60	7	22	8
	80			
	100			
	120			
	140			
20	60	7	24	8
	80			
	100			
	120			
	140			
22	80	7	26	15
	100			
	120			
	140			
	160			

d1	L	L1	d2	a
24	80	7	28	15
	100			
	120			
	140			
	160			
30	100	7	36	15
	120			
	140			
	160			
	180			
40	160	10	48	15
	180			
	200			
	220			
	240			
50	160	10	58	15
	200			
	240			
	300			
	360			



D02 Serisi // Şapkalı Kademeli Kolon // ŞKK

Malzeme - Material : Asil Çelik 1.1213 (Cf 53)
Sertlik - Hardness : 62±2 HRC
Isıl işlem - Heat Treatment : Islah + İndüksiyon (Allowance + Induction)
≈ DIN 16761 - B



Sipariş Örneği: d1 x L1 x L2

d1	L1	L2	d2	d3	a
12	26	26	16	19	4
		36			
		46			
		56			
12	36	26	16	19	4
		36			
		46			
		56			
12	46	26	16	19	4
		36			
		46			
		56			
14	26	26	20	25	6
		36			
		46			
		56			
14	36	26	20	25	6
		36			
		46			
		56			
14	46	26	20	25	6
		36			
		46			
		56			
14	56	26	20	25	6
		36			
		46			
		66			
16	26	26	24	28	6
		36			
		46			
		56			
16	36	26	24	28	6
		36			
		46			
		56			
16	46	26	24	28	6
		36			
		46			
		56			

d1	L1	L2	d2	d3	a
16	56	26	24	28	6
		36			
		46			
		56			
16	66	26	24	28	6
		36			
		46			
		56			
16	76	26	24	28	6
		36			
		46			
		56			
16	86	26	24	28	6
		36			
		46			
		56			
18	26	26	26	31	6
		36			
		46			
		56			
18	36	26	26	31	6
		36			
		46			
		56			
18	46	26	26	31	6
		36			
		46			
		56			
18	56	26	26	31	6
		36			
		46			
		56			

d1	L1	L2	d2	d3	a
18	56	66	26	31	6
		86			
		106			
		126			
18	66	26	26	31	6
		36			
		56			
		76			
18	76	26	26	31	6
		46			
		66			
		86			
18	86	26	26	31	6
		46			
		66			
		86			
20	26	26	28	32	6
		36			
		46			
		56			
20	36	26	28	32	6
		36			
		46			
		56			
20	46	26	28	32	6
		36			
		46			
		56			
20	56	26	28	32	6
		36			
		46			
		56			
20	66	26	28	32	6
		36			
		46			
		56			

D02 Serisi // Şapkalı Kademeli Kolon // ŞKK

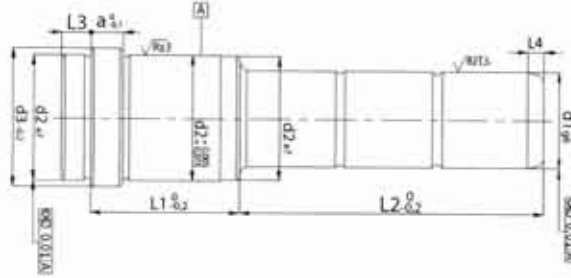
d1	L1	L2	d2	d3	a
20	66	116	28	32	6
20	76	26	28	32	6
		36			
		46			
		56			
		66			
		76			
		86			
		106			
		126			
20	86	26	28	32	6
		36			
		46			
		56			
		66			
		76			
		86			
		106			
		126			
20	96	26	28	32	6
		36			
		46			
		56			
		66			
		76			
		86			
		106			
		126			
25	26	26	34	38	8
		36			
		46			
		56			
		66			
		76			
		96			
25	36	26	34	38	8
		36			
		46			
		56			
		66			
		76			
		86			
		106			
		126			
25	46	26	34	38	8
		36			
		46			
		56			
		66			
		76			
		86			
		106			
25	56	26	34	38	8
		36			
		46			
		56			
		66			
		76			
		96			
		116			
25	66	26	34	38	8
		36			
		46			
		56			
		66			
		76			
		86			
		106			
		126			

d1	L1	L2	d2	d3	a
25	76	26	34	38	8
		36			
		46			
		56			
		66			
		76			
		86			
		106			
		126			
25	86	36	34	38	8
		46			
		56			
		66			
		76			
		86			
		96			
		116			
		136			
25	96	36	34	38	8
		46			
		56			
		66			
		76			
		86			
		96			
		116			
		136			
25	106	46	34	38	8
		56			
		66			
		76			
		86			
		96			
		116			
		136			
30	36	36	39	43	10
		46			
		56			
		66			
		76			
		86			
		106			
30	46	36	39	43	10
		46			
		56			
		66			
		76			
		86			
		96			
		116			
30	56	36	39	43	10
		46			
		56			
		66			
		76			
		86			
		106			
		126			
30	66	36	39	43	10
		46			
		56			
		66			
		76			
		86			
		96			
		116			
30	76	36	39	43	10
		46			
		56			
		66			
		76			
		86			
		96			
		116			
		126			
30	86	36	39	43	10
		46			
		56			
		66			
		76			
		86			
		96			
		116			
		136			

d1	L1	L2	d2	d3	a
30	86	106	39	43	10
		126			
		146			
30	96	46	39	43	10
		66			
		86			
		106			
		126			
		146			
30	106	56	39	43	10
		76			
		96			
		116			
		136			
30	116	56	39	43	10
		76			
		96			
		116			
		136			
40	56	56	54	58	10
		86			
		116			
		126			
		156			
		186			
40	66	66	54	58	10
		96			
		116			
		136			
		166			
		196			
40	76	76	54	58	10
		106			
		126			
		146			
		166			
		196			
40	86	76	54	58	10
		106			
		126			
		146			
		176			
		206			
40	96	86	54	58	10
		126			
		146			
		176			
		206			
		226			
40	106	96	54	58	10
		136			
		156			
		186			
		216			
		236			
40	106	106	54	58	10
		126			
		156			
		186			
		226			
		246			
40	116	116	54	58	10
		136			
		166			
		196			
		236			
		256			
40	126	126	54	58	10
		166			
		196			
		236			
		266			
40	136	136	54	58	10
		196			
		226			
		266			

D03 Serisi // Kuyruklu Şapkalı Kademeli Kolon HASCO Tip // KŞKK

Malzeme - Material : Asil Çelik 1.1213 (Cf53)
Sertlik - Hardness : 62±2 HRC
Isıl işlem - Heat Treatment : Islah + İndüksiyon
≈ DIN 16761 - A



Sipariş Örneği: d1 x L1 x L2

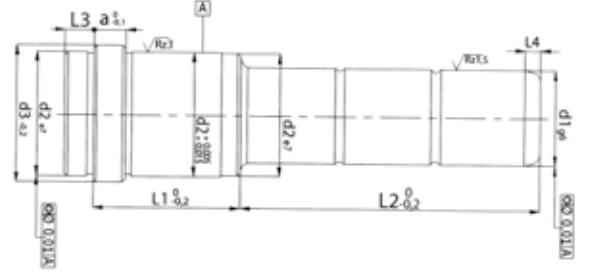
d1	L1	L2	L3	L4	d2	d3	a
14/15	17	35	9	7	20	25	6
		55					
		75					
		95					
14/15	22	30	9	7	20	25	6
		50					
		70					
		90					
		110					
		125					
		150					
14/15	27	30	9	7	20	25	6
		45					
		65					
		85					
		105					
		125					
		145					
		165					
14/15	36	35	9	7	20	25	6
		55					
		75					
		95					
		115					
		125					
		145					
		155					
14/15	46	35	9	7	20	25	6
		45					
		65					
		85					
		105					
		125					
		145					
14/15	56	35	9	7	20	25	6
		55					
		75					
		95					
		135					
14/15	66	55	9	7	20	25	6
		65					
		85					
		95					
		105					
		125					
14/15	76	35	9	7	20	25	6
		55					
		75					
		95					
		125					
14/15	86	55	9	7	20	25	6
		75					
		95					
14/15	96	55	9	7	20	25	6
		75					
		95					

d1	L1	L2	L3	L4	d2	d3	a
14/15	116	75	9	7	20	25	6
18/20	17	35	9	7	26	31	6
		55					
		75					
		120					
18/20	22	35	9	7	26	31	6
		45					
		65					
		85					
		95					
		115					
18/20	27	35	9	7	26	31	6
		45					
		65					
		85					
		105					
		125					
		165					
		225					
		245					
18/20	36	35	9	7	26	31	6
		55					
		75					
		95					
		115					
		135					
		165					
		225					
		255					
18/20	46	35	9	7	26	31	6
		45					
		65					
		85					
		105					
		135					
		165					
		245					
18/20	56	35	9	7	26	31	6
		55					
		75					
		95					
		115					
		135					
		155					
18/20	66	35	9	7	26	31	6
		55					
		75					
		95					
		115					
		135					
		145					
18/20	76	35	9	7	26	31	6
		55					
		75					
		95					
		115					
		135					

d1	L1	L2	L3	L4	d2	d3	a
18/20	86	55	9	7	26	31	6
		75					
		95					
		125					
		135					
18/20	96	55	9	7	26	31	6
		75					
		95					
18/20	116	75	9	7	26	31	6
		115					
18/20	136	135	9	7	26	31	6
22/24	17	35	9	7	30	35	6
		55					
		75					
22/24	22	35	9	7	30	35	6
		55					
		75					
		95					
		105					
		130					
22/24	27	35	9	7	30	35	6
		45					
		65					
		85					
		105					
		120					
		165					
		205					
		245					
22/24	36	35	9	7	30	35	6
		55					
		75					
		95					
		115					
		130					
		165					
		205					
		245					
		285					
22/24	46	35	9	7	30	35	6
		45					
		65					
		85					
		105					
		120					
		165					
		205					
22/24	56	35	9	7	30	35	6
		55					
		75					
		95					
		115					
		135					
		165					
		205					

D03 Serisi // Kuyruklu Şapkalı Kademeli Kolon HASCO Tip // KŞKK

Malzeme - Material : Asil Çelik 1.1213 (Cf53)
Sertlik - Hardness : 62±2 HRC
Isıl işlem - Heat Treatment : Islah + İndüksiyon (Allowence + Induction)
≈ DIN 16761 - A

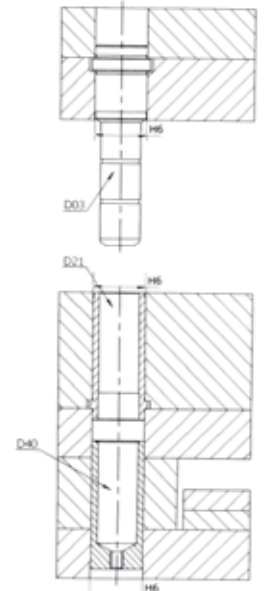


Sipariş Örneği: d1 x L1 x L2

d1	L1	L2	L3	L4	d2	d3	a
22/24	66	35	9	7	30	35	6
		55					
		75					
		95					
		115					
		135					
		155					
22/24	76	35	9	7	30	35	6
		55					
		75					
		95					
		115					
		145					
22/24	86	55	9	7	30	35	6
		75					
		95					
		125					
		135					
22/24	96	55	9	7	30	35	6
		75					
		95					
		125					
22/24	106	55	9	7	30	35	6
		75					
		95					
		115					
22/24	116	75	9	7	30	35	6
		115					
		155					
22/24	136	95	9	7	30	35	6
		135					
30/32	27	35	9	7	42	47	6
		45					
		65					
		85					
		105					
		125					
		145					
		165					
		185					
		245					
		285					
30/32	36	35	9	7	42	47	6
		55					
		75					
		95					
		115					
		135					
		155					
		245					
		285					
30/32	46	35	9	7	42	47	6
		65					
		85					
		105					
		125					
		145					

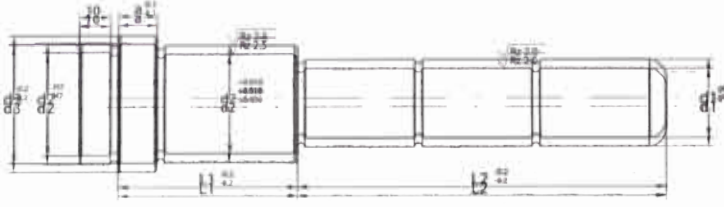
d1	L1	L2	L3	L4	d2	d3	a
30/32	46	165	9	7	42	47	6
		245					
		285					
30/32	56	45	9	7	42	47	6
		55					
		75					
		95					
		115					
		135					
		155					
		175					
		245					
		295					
30/32	66	45	9	7	42	47	6
		55					
		75					
		95					
		115					
		135					
		155					
		175					
		245					
		295					
30/32	76	55	9	7	42	47	6
		75					
		95					
		115					
		135					
		155					
		175					
		245					
		295					
30/32	86	55	9	7	42	47	6
		75					
		95					
		115					
		135					
		155					
		225					
30/32	96	55	9	7	42	47	6
		75					
		95					
		115					
		135					
		155					
		225					
30/32	106	75	9	7	42	47	6
		95					
		115					
		125					
		145					
		165					
30/32	116	75	9	7	42	47	6
		95					
		115					
		135					
		155					
30/32	156	115	9	7	42	47	6
		155					

d1	L1	L2	L3	L4	d2	d3	a
30/32	196	155	9	7	42	47	6
		195					
40/42	46	95	12	7	54	60	10
		165					
40/42	56	75	12	7	54	60	10
		115					
		155					
		195					
40/42	66	75	12	7	54	60	10
		135					
40/42	76	75	12	7	54	60	10
		115					
		175					
40/42	86	75	12	7	54	60	10
		135					
40/42	96	75	12	7	54	60	10
		115					
		155					
40/42	116	95	12	7	54	60	10
		135					
		195					
40/42	166	95	12	7	54	60	10
		135					
		215					
40/42	156	115	12	7	54	60	10
		155					
		215					
40/42	196	155	12	7	54	60	10
		195					
		235					
40/42	246	165	12	7	54	60	10
		245					



U03 Serisi // Kuyruklu Şapkalı Kademeli Kolon Yerli Tip // KŞKK

Material : 1.7131 16MnCr5]
Hardness : 60±2 HRC
Heat Treatment: Case Hardened



Sipariş Örneği: d1 x L1 x L2

d1	l1	l2	d2	d3	a	d1	l1	l2	d2	d3	a	d1	l1	l2	d2	d3	a
16	26	26	24	28	6	20	46	116	28	32	6	20	86	56	34	38	8
		36						76									
		46						96									
		56						116									
		66						136									
		76						56									
		96						76									
		26						96									
		36						116									
		46						136									
		56						36									
		66						56									
	86	76															
	26	96															
	36	116															
	46	136															
	56	46															
	66	66															
	86	86															
	26	106															
	36	126															
	46	146															
	36	36															
	56	56															
	76	76															
	96	96															
	116	116															
	136	136															
	46	46															
	66	66															
	86	86															
	106	106															
	126	126															
	146	146															
	36	46															
	56	66															
	76	86															
	96	106															
	116	126															
	136	146															
	46	36															
	66	56															
	86	76															
	106	96															
	126	116															
	146	136															
	26	26															
	46	46															
	66	66															
	86	86															
	106	106															
	126	126															
146	146																
26	36																
46	56																
66	76																
86	96																
106	116																
126	136																
146	156																
26	46																
46	66																
66	86																
86	106																
106	126																
126	146																
146	166																
26	56																
46	76																
66	96																
86	116																
106	136																
126	156																
146	176																
26	66																
46	86																
66	106																
86	126																
106	146																
126	166																
146	186																
26	76																
46	96																
66	116																
86	136																
106	156																
126	176																
146	196																
26	86																
46	106																
66	126																
86	146																
106	166																
126	186																
146	206																
26	96																
46	116																
66	136																
86	156																
106	176																
126	196																
146	216																
26	106																
46	126																
66	146																
86	166																
106	186																
126	206																
146	226																
26	116																
46	136																
66	156																
86	176																
106	196																
126	216																
146	236																
26	126																
46	146																
66	166																
86	186																
106	206																
126	226																
146	246																
26	136																
46	156																
66	176																
86	196																
106	216																
126	236																
146	256																
26	146																
46	166																
66	186																
86	206																
106	226																
126	246																
146	266																
26	156																
46	176																
66	196																
86	216																
106	236																
126	256																
146	276																
26	166																
46	186																
66	206																
86	226																
106	246																
126	266																
146	286																
26	176																
46	196																
66	216																
86	236																
106	256																
126	276																
146	296																
26	186																
46	206																
66	226																
86	246																
106	266																
126	286																
146	306																
26	196																
46	216																
66	236																
86	256																
106	276																
126	296																
146	316																
26	206																
46	226																
66	246																
86	266																
106	286																
126	306																
146	326																
26	216																
46	236																
66	256																
86	276																
106	296																
126	316																
146	336																
26	226																
46	246																
66	266																
86	286																
106	306																
126	326																
146	346																
26	236																
46	256																
66	276																
86	296																
106	316																
126	336																
146	356																
26	246																
46	266																
66	286																
86	306																
106	326																
126	346																
146	366																
26	256																
46	276																
66	296																
86	316																
106	336																
126	356																
146	376																
26	266																
46	286																
66	306																
86	326																
106	346																
126	366																
146	386																
26	276																
46	296																
66	316																
86	336																
106	356																
126	376																
146	396																
26	286																
46	306																
66	326																
86	346																
106	366																
126	386																
146	406																
26	296																
46	316																
66	336																
86	356																
106	376																
126	396																
146	416																
26	306																
46	326																
66	346																
86	366																
106	386																
126	406																
146	426																
26	316																
46	336																
66	356																
86	376																
106	396																
126	416																
146	436																
26	326																
46	346																
66	366																
86	386																
106	406																
126	426																
146	446																
26	336																
46	356																
66	376																
86	396																
106	416																
126	436																
146	456																
26	346																
46	366																
66	386																
86	406																
106	426																
126	446																
146	466																
26	356																
46	376																
66	396																
86	416																
106	436																
126	456																
146	476																
26	366																
46	386																
66	406																
86	426																
106	446																
126	466																
146	486																
26	376																
46	396																
66	416																
86	436																
106	456																
126	476																
146	496																
26	386																
46	406																
66	426																
86	446																
106	466																
126	486																
146	506																
26	396																
46	416																
66	436																
86	456																
106	476																
126	496																
146	516																
26	406																
46	426																
66	446																
86	466																
106	486																
126	506																
146	526																
26	416																
46	436																
66	456																
86	476																
106	496																
126	516																
146	536																
26	426																
46	446																
66	466																
86	486																
106	506																
126	526																
146	546																
26	436																
46	456																
66	476																
86	496																
106	516																
126	536																
146	556																
26	446																
46	466																
66	486																
86	506																
106	526																
126	546																
146	566																
26	456																
46	476																
66	496																
86	516																
106	536																
126	556																
146	576																
26	466																
46	486																
66	506																
86	526																
106	546																
126	566																
146	586																
26	476																
46	496																
66	516																
86	536																
106	556																
126	576																
146	596																
26	486																
46	506																
66	526																
86	546																
106	566																
126	586																
146	606																
26	496																
46	516																
66	536																
86	556																
106	576																
126	596																
146	616																
26	506																
46	526																
66	546																
86	566																
106	586																
126	606																
146	626																
26	516																
46	536																
66	556																
86	576																
106	596																
126	616																
146	636																
26	526																
46	546																
66	566																
86	586																
106	606																
126	626																
146	646																
26	536																
46	556																
66	576																
86	596																
106	616																
126	636																
146	656																
26	546																
46	566																
66	586																
86	606																
106	626																
126	646																
146	666																
26	556																
46	576																
66	596																
86	616																
106	636																
126	656																
146	676																
26	566																
46	586																
66	606																
86	626																
106	646																
126	666																
146	686																
26	576																
46	596																
66	616																
86	636																
106	656																
126	676																
146	696																
26	586																
46	606																
66	626																
86	646																
106	666																
126	686																
146	706																
26	596																
46	616																
66	636																
86	656																
106	676																
126	696																
146	716																
26	606																
46	626																
66	646																
86	666																
106	686																
126	706																
146	726																
26	616																
46	636																
66	656																
86	676																
106	696																
126	716																
146	736																
26	626																
46	646																
66	666																
86	686																
106	706																
126	726																
146	746																
26	636																
46	656																
66	676																
86	696																
106	716																
126	736																
146	756																
26	646																
46	666																
66	686																
86	706																
106	726																
126	746																
146	766																
26	656																
46	676																
66	696																
86	716																
106	736																
126	756																
146	776																
26	666																
46	686																
66	706																
86	726																
106	746																
126	766																
146	786																
26	676																
46	696																
66	716																
86	736																
106	756																
126	776																
146	796																
26	686																
46	706																
66	726																
86	746																
106	766																
126	786																
146	806																
26	696																
46	716																
66	736																
86	756																
106	776																

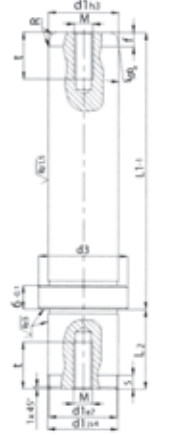
D00 Serisi // Ortadan Şapkalı Kolon // OŞK
Bilyalı Şapkalı Kolon // BŞK

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



Sipariş Örneği: d1 x L1

d1	L1	L2	d3	t	f	R	M	d1	L1	L2	d3	t	f	R	M	d1	L1	L2	d3	t	f	R	M
16	100	20	22	20	4	3	6	30	224	37	40	20	6	5	8	63	160	47	80	20	8	5	8
	125								250								180						
	140								280								200						
	160								315								224						
	180																250						
	200																280						
20	100	23	25	20	4	3	8	40	125	37	50	20	6	5	8		315						
	125								140								355						
	140								160								400						
	160								180														
	180								200														
	200								224														
25	100	30	32	20	6	5	8		250								200	60	95	20	8	5	12
	125								280								224						
	140								315								250						
	160								355								280						
	180																315						
	200																355						
	224																400						
	250																						
30	125	37	40	20	6	5	8	50	140	47	63	20	8	5	8								
	140								160														
	160								180														
	180								200														
	200								224														
									250														
									280														
									315														
									355														
									400														

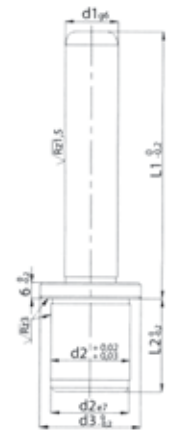


D05 Serisi // Arkası Kalın Kolon

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

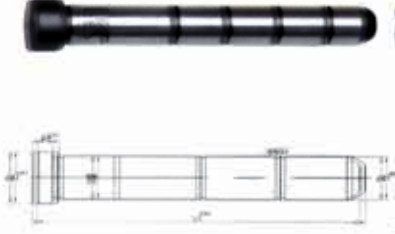
Sipariş Örneği: d1 x L1

d1	L1	L2	d2	d3	d1	L1	L2	d2	d3
20	100	25	28	34	30	125	35	39	44
		35					45		
	125	25				140	35		
		35					45		
	140	25				160	35		
		35					45		
	160	25				180	35		
		35					45		
	180	25				200	35		
		35					45		
25	100	25	34	39		220	35		
		35					45		
	125	25				240	35		
		35					45		
	140	25				260	35		
		35					45		
	160	25				280	35		
		35					45		
	180	25				315	35		
		35					45		
	200	25							
		35							
	220	25							
		35							
	240	25							
		35							



U01 Serisi // Şapkalı Kolon Yerli Tip // ŞK

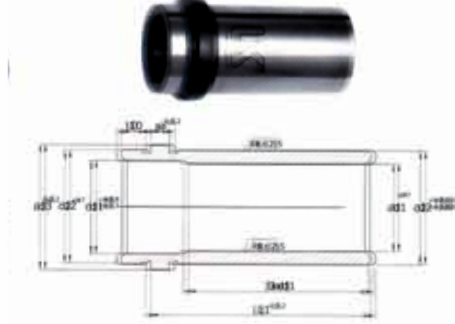
Material : Asil Çelik 1.7131 (16MnCr5)
Hardness : 60±2 HRC
Heat Treatment : Islah + İndüksiyon



d1	L	d2	a
12	60 80 100 120 140 160	16	10
14	60 80 100 120 140 160	18	10
16	60 80 100 120 140 160 180 200	20	10
18	60 80 100 120 140 160 180 200	22	10
20	80 100 120 140 160 180 200 220 250	24	10
25	100 120 140 160 180 200 220 250	29	10
30	120 140 160 180 200 220 250	34	10
40	160 180 200 220 250 280 300 320 360	48	15

U21 Serisi // Kuyruklu Şapkalı Burç Yerli Tip // KŞB

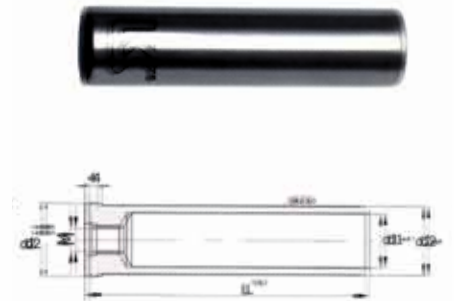
Material : Asil Çelik 1.7131 (16MnCr5)
Hardness : 60±2 HRC
Heat Treatment : Sementasyon



d1	L	d2	d3	a
16	26 36 46 56 66 76 86	24	28	6
20	26 36 46 56 66 76 86 96	28	32	6
25	26 36 46 56 66 76 86 96 106	34	38	8
30	36 46 56 66 76 86 96 106 116	39	43	10

U40 Serisi // Tespit Burcu Yerli Tip // TB

Material : Asil Çelik 1.7131 (16MnCr5)
Hardness : 62±2 HRC
Heat Treatment : Sementasyon



d1	L	d2	M
16	60 80 100 120 140	24	M8
20	60 80 100 120 140	28	M8
25	80 100 120 140 160	34	M10
30	80 100 120 140 160	39	M10

U100 // Boynuz Pimi Yatağı

Material : 1.7131 (16MnCr5)
Hardness : 61-63 HRC
Heat Treatment : Case Hardened



Malzeme Asil Çelik 1.7131			Sertlik 61-63 HRC			Isıl işlem Sementasyon		
d1	s	d2	d3	d5	l1	l3	t1	t2
32	36	12	16	M6	7	10	10	12
36	36	14	18	M8	7	12	10	16
40	46	16	20	M8	8.5	13.5	10	16
40	46	18	22	M8	8.5	13.5	10	16
45	46	20	25	M8	8.5	15	10	16
50	56	25	29	M8	10	16	12	16
63	66	30	34	M10	12	21	15	20

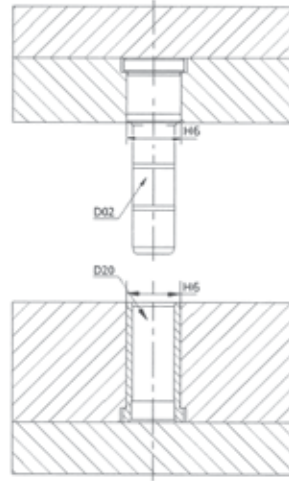
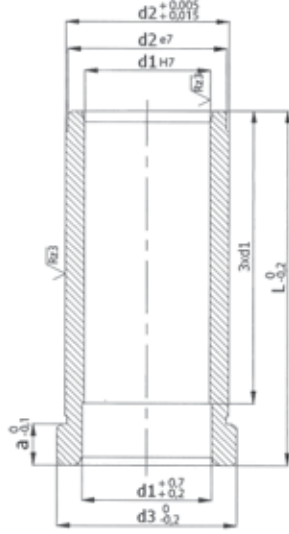
D20 Serisi // Şapkalı Burç // ŞB

Malzeme - Material : Asil Çelik 1.7131 (16MnCr5)
Sertlik - Hardness : 62±2 HRC
Isıl işlem - Heat Treatment : Sementasyon (Case Hardened)
≈ DIN 16716 - E



Sipariş Örneği: d1 x L

d1	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
	36			
	46			
	56			
	66			
	76			
	86			



d1	L	d2	d3	a
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			
	76			
	86			
	96			
	106			
	116			
40	46	54	58	10
	56			
	66			
	76			
	86			
	96			
	106			
	116			
	126			
	136			
	146			

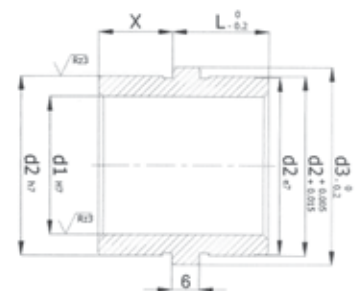
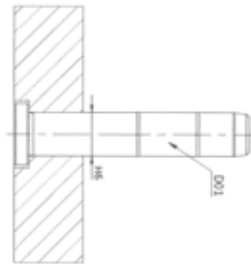
D22 Serisi // Ortadan Flanşlı Burç // OFB

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



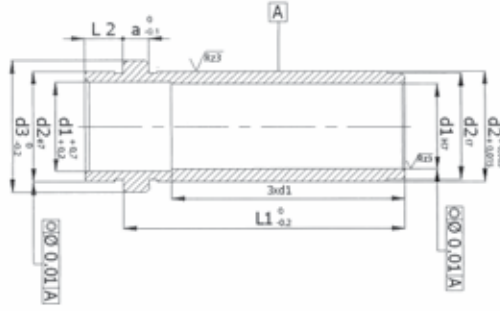
Sipariş Örneği: d1 x L

d1	L	d2	d3	x
12	16	16	19	12
14	16	20	25	12
16	16	24	28	12
18	16	26	31	12
20	16	28	32	12
24	21	34	38	16
30	21	39	43	16



D21 Serisi // Kuyruklu Şapkalı Burç HASCO Tip // KŞB

Malzeme - Material : Asil Çelik 1.7131 (16MnCr5)
Sertlik - Hardness : 62±2 HRC
Isıl işlem - Heat Treatment : Sementasyon (Case Hardened)
≈ DIN 16716 - C



Sipariş Örneği: d1 x L1

d1	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				

d1	L1	d2	d3	a	L2
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				

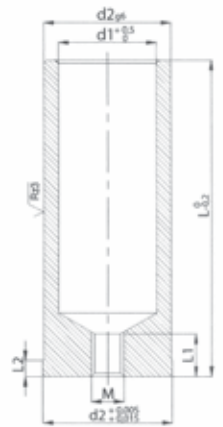
d1	L1	d2	d3	a	L2
30/32	126	42	47	6	9
	136				
	156				
	196				
40/42	46	54	60	10	12
	56				
	66				
	76				
	86				
	96				
	116				
	136				
	156				
	196				
	246				

D40 Serisi // Tespit Burcu HASCO Tip // TB

Malzeme - Material : Asil Çelik 1.7131 (16MnCr5)
Sertlik - Hardness : 62±2 HRC
Isıl işlem - Heat Treatment : Sementasyon (Case Hardened)
≈ DIN 16759

Sipariş Örneği: d2x L

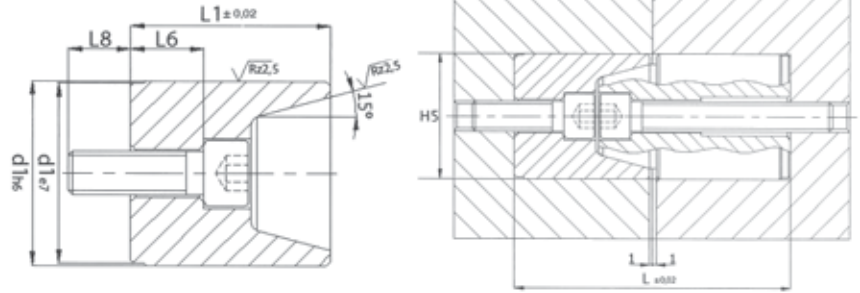
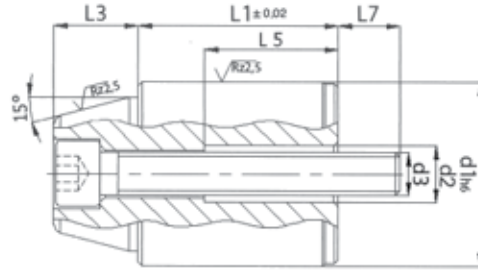
d2	L	d1	M	L1	L2
20	30	16	8	13	2.5
	40				
	60				
	80				
	100				
	120				
	140				
	160				
26	30	21	10	13	2.5
	40				
	60				
	80				
	100				
	120				
	140				
	160				
	180				
30	40	25	12	13	2.5
	60				
	80				
	100				
	120				
	140				
	160				
	180				
	200				
	240				



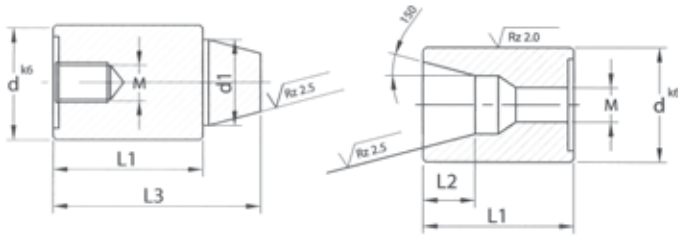
D50 Serisi // Konik Kitleme HASCO Tip // KK

Malzeme - Material : Asil Çelik 1.7131 (16MnCr5)
Sertlik - Hardness : 62±2 HRC
Isıl işlem - Heat Treatment : Sementasyon (Case Hardened)
≈ DIN ISO 8406

d1	L	L1	L3	L5	L6	L7	L8	d2	d3
12	34	16	4.5	9.6	8.6	8	7.5	M4	M3
14	34	16	6	12.4	6	7.5	8	M5	M4
16	34	16	6	12.4	5.8	7.5	8	M5	M4
20	54	26	9	19.7	10.6	12	9.5	M8	M6
25	54	26	10	19.7	9.2	11	11	M8	M6
30	72	35	14	25	12.2	15	13	M10	M8
32	72	35	14	25	12.2	15	13	M10	M8
42	92	45	18	27	16.8	16	13	M10	M8



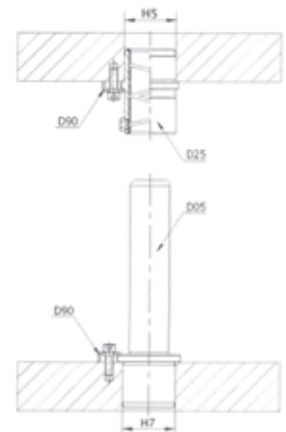
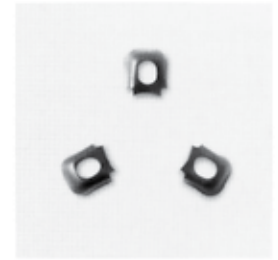
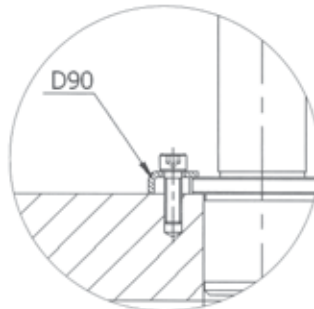
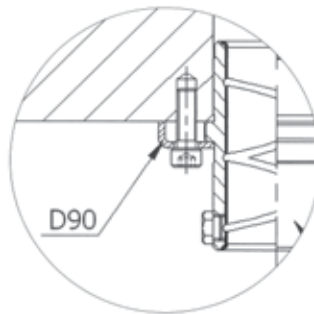
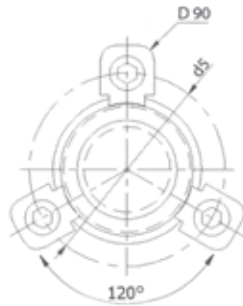
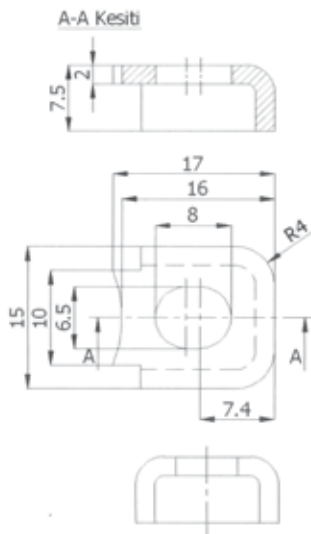
U50 Serisi // Konik Kitleme Yerli Tip // KK



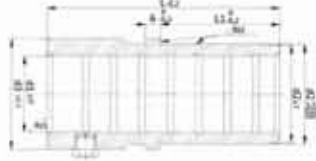
d	d1	L	L2	L3	M	L1	L1	L1
20	15	54	9	36	M8	36	35	45
25	20	54	10	37	M8	•	•	•
30	25	72	14	50	M10	•	•	•
42	35	92	18	64	M10	•	•	•

D90 Serisi // Bağlama Pabucu

Sertlik - Hardness: 62±2 HRC



D23 Serisi // Ortadan Şapkalı Burç // OŞB



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

Sipariş Örneği: d1 x L1

d1	L	L1	d2	d3
20	70	26	28	34
		36		
25	80	26	34	39
		36		
30	90	36	39	44
		46		
40	100	36	50	54
	108	36	58	65
	100	46	50	54
50	120	46	60	64
		56		
	127	56	70	75
63	130	56	80	87
	150	56	85	95
80	150	60	105	115

D24 Serisi // Üstten Şapkalı Burç // UŞB

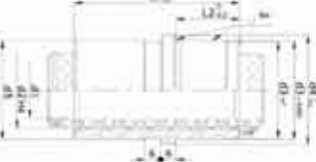


Malzeme - Material : Asil Çelik 1.7131 (16MnCr5)
Sertlik - Hardness : 62±2 HRC
Isıl işlem - Heat Treatment : Sementasyon (Case Hardened)

Sipariş Örneği: d1 x L1

d1	d2	L	d3
20	28	26	34
25	34	26	39
30	39	26	44
		36	
40	50	36	54
	58	46	65
50	60	46	64
	70		75
63	85	46	95
		56	
80	105	60	115

D27 Serisi // Şapkalı Bilyalı Burç // ŞBB

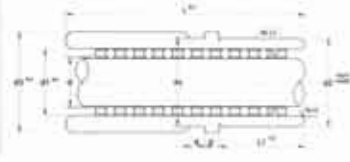


Malzeme - Material : Asil Çelik 1.3505 (100Cr6)
Sertlik - Hardness : 62±2 HRC
Isıl işlem - Heat Treatment : Sementasyon (Case Hardened)

Sipariş Örneği: d1xL2

d1	L1	L2	d2	d3	d4	d5
16	43	23	22	30	34	32
	59					
		33				
20	43	23	26	32	40	39
	59					
		33				
25	59	23	31	40	48	46
	79					
		33				
30	75	30	38	48	55	53
	93					
		40				
40	82	37	48	58	65	63
	108					
		47				
50	97	47	58	70	80	77
	127					
		57				
63	116		71	85	95	92
	150	60				

U27 Serisi // Şapkalı Bilyalı Burç Yerli Tip // ŞBB

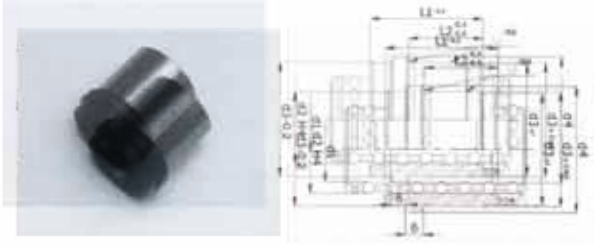


Malzeme - Material : Asil Çelik 1.3505 (100Cr6)
Sertlik - Hardness : 62±2 HRC
Isıl işlem - Heat Treatment : Sementasyon (Case Hardened)

Sipariş Örneği: d1xL2

d	d1	L1	L	d2	d3	d4
16	22	26	70	30	34	30
		36				
20	26	26	80	34	39	34
		36				
25	31	26	90	40	44	40
		36				
30	38	36	100	48	54	48
		46				
40	48	36	112	58	64	58
		46				
50	58	46	130	70	79	70
		56				

D28 Serisi // Kısa Bilyalı Burç // KBB

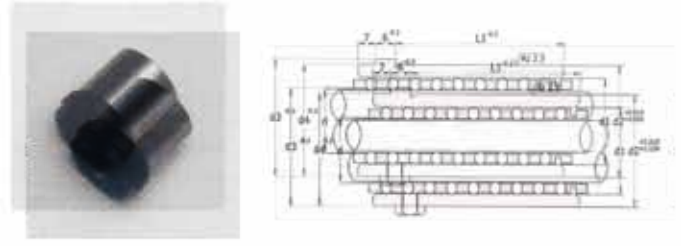


Malzeme - Material : Asil Çelik 1.3505 (100Cr6)
Sertlik - Hardness : 62±2 HRC
Isıl işlem - Heat Treatment : Sertleştirme (Hardened)

Sipariş Örneği: d1 x L1

d1	L1	L2	d2	d3	d4
16	35	23	22	30	34
	45	33			
20	35	23	26	32	40
	45	33			
25	35	23	31	40	48
	45	33			
30	42	30	38	48	55
	52	40			
40	52	37	48	58	65
	62	47			
50	65	47	58	70	80
	75	57			
63	80	60	71	85	95

U28 Serisi // Kısa Bilyalı Burç Yerli Tip // KBB



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

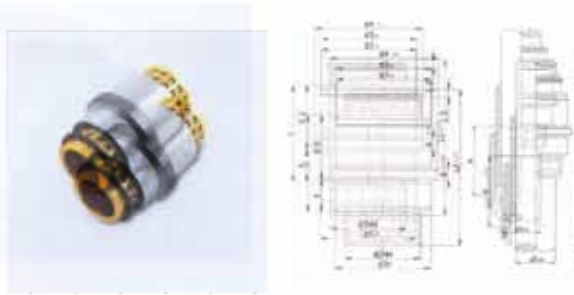
Sipariş Örneği: d x L1

d	d1	L1	d2	d3	d4
16	22	26	30	34	30
		36			
20	26	26	32	39	32
		36			
25	31	26	40	44	40
		36			
30	38	26	48	54	48
		36			
40	48	36	58	64	58
		46			
50	58	46	70	79	70
		56			

D22B Serisi // Ortadan Flanşlı Bilyalı Burç OFBB

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

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



Sipariş Örneği: d1 x L1

d1	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							

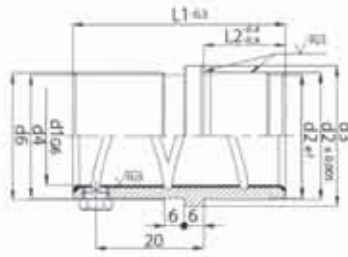
D10 Serisi // Düz Kolon // DK (Döküm Blok İçin D70 Serisi)

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

Sipariş Örneği: d1 x L

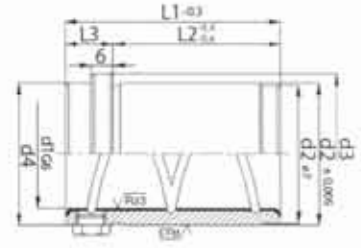
d1	L	L1	L2	a
40	180	37	77	8
	220			
	260			
	300			
	355			
	400			
50	200	47	95	8
	240			
	280			
	315			
	355			
	400			
	450			
63	240	60	120	8
	280			
	315			
	355			
	400			
	450			
80	240	60	120	8
	280			
	315			
	355			
	400			
	450			
	500			

D25 Serisi // Bronz Geçme Burç // BGB (OŞB Tip)



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

D26 Serisi // Bronz Geçme Burç // BGB (UŞB Tip)



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

Sipariş Örneği: d x L2

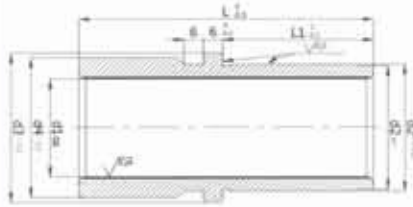
Ø 80 ürünlerimiz stokta bulunmamakta olup sipariş üzerine üretilmektedir.

Sipariş Örneği: d x L2

d	L1	L2	d2	d3	d4	d5	d6
20	43	23	32	40	32	52	39
	59	33					
25	59	23	40	48	40	60	46
	79	33					
30	75	30	48	55	48	67	53
	93	40					
40	82	37	58	65	58	77	63
	108	47					
50	97	47	70	80	70	91	77
	127	57					
63	116	60	85	95	85	106	92
	150						
80	120	60	105	118	105	129	115
	150						

d	L1	L2	d2	d3	d4	d5	L3
20	35	23	32	40	32	52	12
	45	33					
25	35	23	40	48	40	60	12
	45	33					
30	42	30	48	55	48	67	12
	52	40					
40	52	37	58	65	58	77	15
	62	47					
50	65	47	70	80	70	91	18
	75	57					
63	80	60	85	95	85	106	20
80	80	60	105	118	105	129	20

D32 Serisi // Sinterli Burç // SB (OŞB Tip)



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

D33 Serisi // Sinterli Burç // SB (UŞB Tip)



D32 - D33 Kesme ve Form Kalıplarında merkezleme elemanı olarak kullanılır. Çalışmaya başlarken bir defa yağlanır, sonrasında yağlamaya ihtiyaç yoktur. İçerisindeki grafit özelliğinden dolayı kaygan bir yüzey oluşturur. Sarma riski yoktur.

Sipariş Örneği: d1 x L1

d1	L	L1	d2	d3	d4
20	70	26	32	40	38
		36			
25	80	26	40	47	45
		36			
30	90	36	48	54	52
		46			
40	100	36	58	64	62
		46			
50	120	46	70	78	76
		56			
63	150	56	85	93	91

Sipariş Örneği: d1 x L2

d1	d2	L	d3	d4
20	32	26	40	32
		36		
25	40	26	47	40
		36		
30	48	26	54	48
		36		
40	58	36	64	58
		46		
50	70	46	78	70
63	85	56	93	85

D60 Serisi // Bilyalı Burç // BB

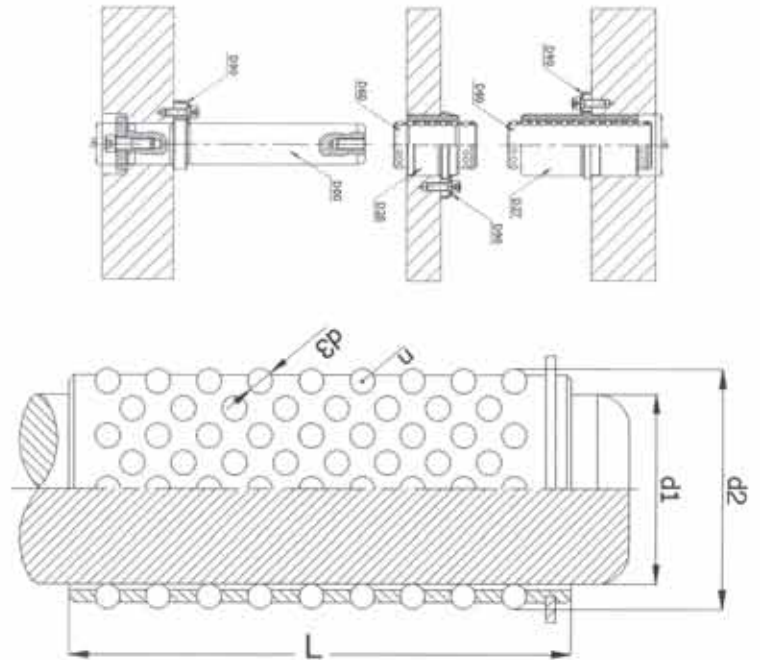
Malzeme - Material : Ms58
Bilya Malzemesi - Ball Material : 100Cr6 (1.3505)



Sipariş Örneği: d1 x L

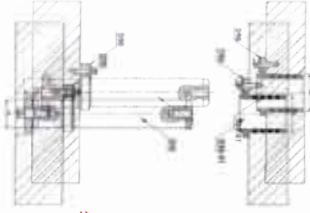
d1	L	d2	d3	n
12	40	16	2	176
	56			272
15	45	21	3	140
	56			196
	71			238
16	45	22	3	140
	56			196
	71			238
18	45	24	3	176
	56			240
	71			272
19	45	25	3	180
	56			234
	71			306
	80			342
	95			414
20	45	26	3	180
	56			234
	71			306
	80			342
	95			414
24	45	30	3	180
	56			240
	71			280
	80			320
	95			440
	105			480
25	45	31	3	180
	56			240
	71			280
	80			320
	95			440
	105			480
30	45	38	4	140
	56			180
	75			240
	80			280
	95			340
	105			380
32	45	40	4	140
	56			180
	75			240
	80			280
	95			340
	105			380
38	56	46	4	216
	71			288
	80			336
	95			408
	105			456
	120			528
	140			624
	160			720

d1	L	d2	d3	n
40	56	48	4	216
	71			288
	80			336
	95			408
	105			456
	120			528
	140			624
48	160	56	4	720
	71			360
	80			390
	95			480
	105			540
	120			600
	140			720
50	160	58	4	840
	71			360
	80			390
	95			480
	105			540
	120			600
	140			720
60	160	68	4	840
	85			504
	105			612
	140			828
	160			972
63	85	71	4	504
	105			612
	140			828
	160			972



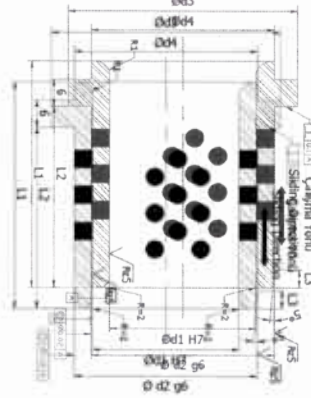
D30.01 Serisi // Grafitli Burç (UŞB Tip)

Malzeme - Material : SAE 430B
Sertlik - Hardness : HB $\geq$ 180
 $\approx$ DIN 9832



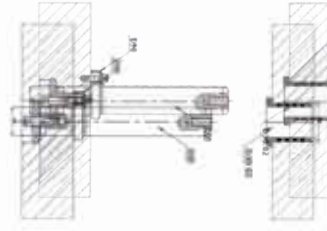
Sipariş Örneği: d1 x L1

	L1	d2	d3	d4	L2	L3	R1
20	40	28	34	28	30	4	3
25	40	32	40	32	30	4	3
30	50	40	50	40	40	4	3
32	50	40	50	40	40	4	3
40	63	50	63	50	50	5	3
50	71	63	71	63	56	6	5
63	80	80	90	80	56	8	6
80	100	100	112	100	80	10	8
100	125	125	140	125	106	12	10
125	160	160	180	160	132	12	12



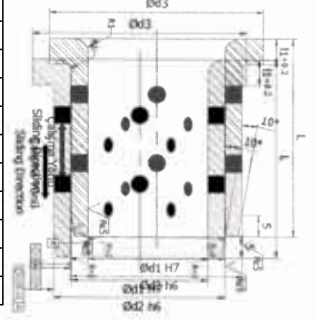
D30.02 Serisi // Grafitli Burç (ŞB Tip)

Malzeme - Material : SAE 430B
Sertlik - Hardness : HB $\geq$ 180



Sipariş Örneği: d1 x L

d1	L	d2	d3	l1	R1
20	35	28	36	8	2
25	40	32	40	8	6
30	55	40	50	8	6
32	55	40	50	8	6
40	70	50	60	8	6
42	70	50	60	8	6
50	75	63	75	12	8
52	75	63	75	12	8
63	80	80	90	12	8
80	100	100	110	12	8
100	125	125	135	12	8

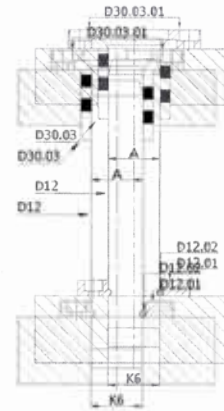
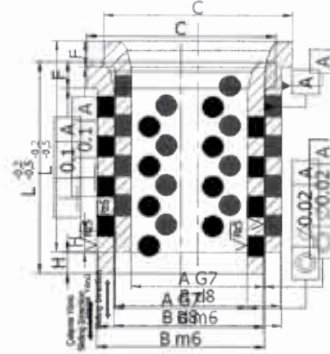


D30.03 Serisi // Grafitli Burç (ŞB Tip)

Malzeme - Material : SAE 430B
Sertlik - Hardness : HB $\geq$ 180

Sipariş Örneği: A x L

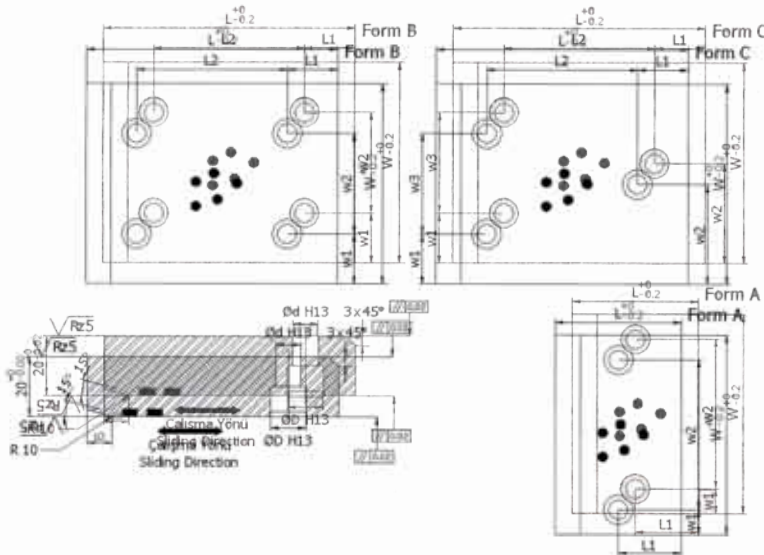
A	L	B	C	F	H
25	40	35	40	5	5
32	50	44	50	6	5
40	63	52	60	8	8
50	80	63	71	10	8
63	100	80	90	12	10
80	125	100	112	16	10
100	160	125	140	20	10



D80.02 Serisi // Grafitli Sürtünme Plakası (GSP)

Malzeme - Material : SAE 430B
Sertlik - Hardness : HB $\geq$ 180

- 1- Toleranssız ölçüler EN - 22768-1 standardına göre üretilir.
- 2- Bu ürün enjeksiyon kalıplarının yan maça sistemlerinde kullanılabilir.



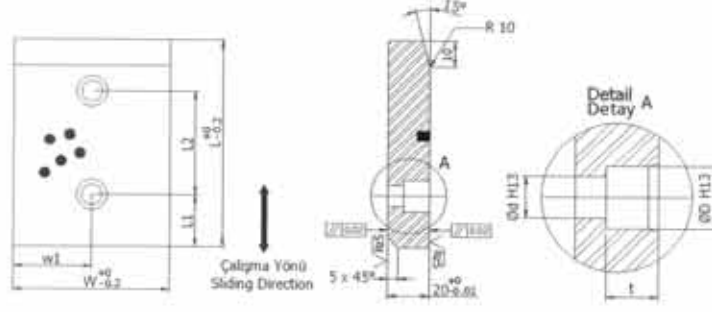
Sipariş Örneği: W x L

W	L	w1	w2	w3	L1	L2	D	d	t	Form
80	50	25	30		25		15	9	9	A
100	50	25	50		25		20	13.5	13	A
100	80				40					
125	50	25	75		25		20	13.5	13	A
125	80				40					
125	100		62.5	75	25	50				C
125	125					75				
125	160					110				
125	200					150				
125	250				40	170				
125	315				235					
160	50	25	110		25		20	13.5	13	A
160	80				40					
160	100		80	110	25	50				C
160	125					75				
160	160					110				
160	200					150				
160	250		110		40	170				B
160	315				235					



D80.01 Serisi // Grafitli Sürtünme Plakası // GSP

Malzeme - Material : SAE 430B
Sertlik - Hardness : HB $\geq$ 180



1- Toleranssız ölçüler EN - 22768-1 standardına göre üretilir.
2- Bu ürün enjeksiyon kalıplarının yan maça sistemlerinde kullanılabilir.

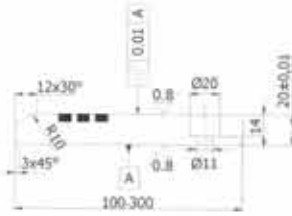
Sipariş Örneği: W x L

W	L	W1	L1	L2	D	d	t
50	80	25	25	30	15	9	9
	100			50	20	13.5	13
	125			75			
	160			110			
	200			150			
80	80	40	25	30	20	13.5	13
	100			50			
	125			75			
	160			110			

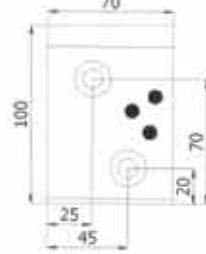
W	L	W1	L1	L2	D	d	t
80	200	40	25	150	20	13.5	13
	250		40	170			
	315			235			
100	100	50	25	50	20	13.5	13
	125			75			
	160			110			
	200			150			
	250		40	170			
	315			235			

D80.03 // Grafitli Sürtünme Plakası // GSP

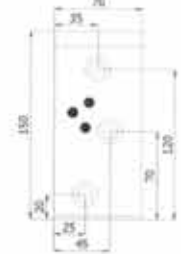
Malzeme - Material : SAE 430B
Sertlik - Hardness : HB $\geq$ 180



D80.30_10070



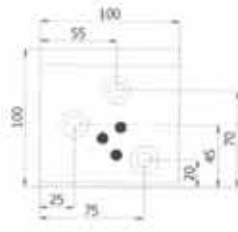
D80.30_15070



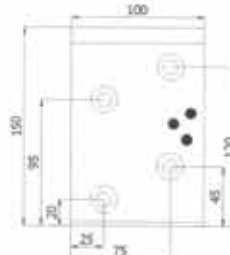
D80.30_20070



D80.30_100100



D80.30_150100



D80.30_200100



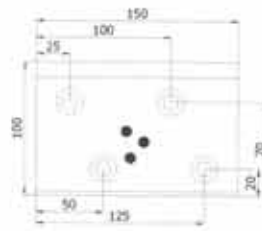
D80.30_250100



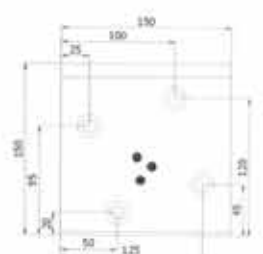
D80.30_300100



D80.30_100150



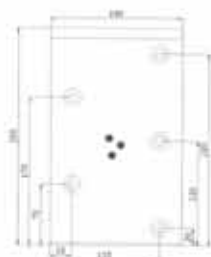
D80.30_150150



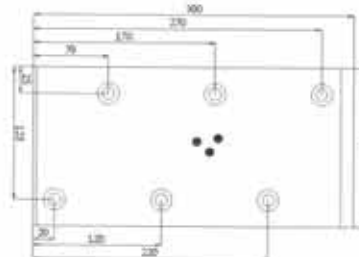
D80.30_200150



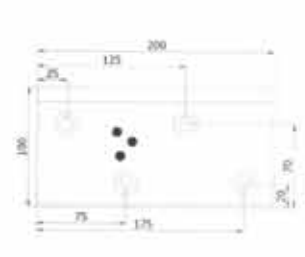
D80.30_250150



D80.30_300150



D80.30_100200



İmbus Civata

Kalite 8.8 - 12.9



BOY	M-4	M-5	M-6	M-8	M-10	M-12	M-14	M-16	M-18	M-20
10	•	•	•	•						
15	•	•	•	•	•					
20	•	•	•	•	•	•				
25	•	•	•	•	•	•	•	•		
30	•	•	•	•	•	•	•	•		
35	•	•	•	•	•	•	•	•		
40	•	•	•	•	•	•	•	•	•	•
45	•	•	•	•	•	•	•	•	•	•
50	•	•	•	•	•	•	•	•	•	•
60	•	•	•	•	•	•	•	•	•	•
70	•	•	•	•	•	•	•	•	•	•
80	•	•	•	•	•	•	•	•	•	•
90	•	•	•	•	•	•	•	•	•	•
100	•	•	•	•	•	•	•	•	•	•
110		•	•	•	•	•	•	•	•	•
120		•	•	•	•	•	•	•	•	•
130			•	•	•	•	•	•	•	•
140			•	•	•	•	•	•	•	•
150			•	•	•	•	•	•	•	•
160				•	•	•	•	•	•	•
180				•	•	•	•	•	•	•
200					•	•	•	•	•	•

Havşa Baş İmbus Civata



BOY	M-4	M-5	M-6	M-8	M-10	M-12
10	•	•	•	•		
15	•	•	•	•	•	
20	•	•	•	•	•	•
25	•	•	•	•	•	•
30	•	•	•	•	•	•
35	•	•	•	•	•	•
40	•	•	•	•	•	•

Setiskur



BOY	M-4	M-5	M-6	M-8	M-10	M-12	M-14	M-16
10	•	•	•	•	•	•		
15	•	•	•	•	•	•	•	•
20	•	•	•	•	•	•	•	•
25	•	•	•	•	•	•	•	•
30	•	•	•	•	•	•	•	•
35	•	•	•	•	•	•	•	•
40	•	•	•	•	•	•	•	•

Somunlar

BOY	M-4	M-5	M-6	M-8	M-10	M-12	M-14	M-16	M-18	M-20
	•	•	•	•	•	•	•	•	•	•

Pullar

ÇAP	M-4	M-5	M-6	M-8	M-10	M-12	M-14	M-16	M-18	M-20
	•	•	•	•	•	•	•	•	•	•

RE-AL

KESİCİ TAKIMLARI & TEKNİK HIRDAVAT SAN. TİC.

MERKEZ

Yıldırım Mahallesi Ali Fuat Başg l Caddesi
No:116/7 Bayrampa a/ STANBUL

Tel : +90.212 538 61 84
Fax : +90.212 649 04 99
Gsm : +90.533 733 47 23

 UBE

Mimar Sinan Mahallesi K   k Sanayi
12. Cadde 61. Sokak No.22  ORUM
Gsm : +90.533 652 34 55