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• KAYIŞ
• KEÇE
• BAĞLANTI
ELEMENLARI



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NAS RULMAN

TEKNİK HIRDAVAT

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NAS RULMAN

TEKNİK HIRDAVAT



ÜRÜN KATALOĞU

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NAS RULMAN

TEKNİK HIRDAVAT



Kalite Politikamız

Müşteri memnuniyetini esas almak ve en üst seviyeye çıkartmak tedarikçileri iyileştirmek ve girdi ürünlerin kalitesini arttırmak çalışanlarımızın katılımını, huzur ve güven içinde çalışmasını sağlamak maliyetleri uygun seviyeye getirmek ve rekabet gücünü arttırmak teknolojik gelişmeleri takip etmek rekabette avantaj sağlamak sürekli iyileştirmeyi prensip edinmek

Vizyonumuz

Müşteri odaklı üretim ve kaliteli hizmet sunma ilkesiyle;
öncü bir firma olarak, ülke pazarında söz sahibi, sektöründe lider bir firma olmaktır.

Misyonumuz

Mükemmelliği bir yaşam tarzı olarak belirlemiş, biz olgusunu benimsemiş, bütün birimlerinde sürekli iyileştirmeyi prensip edinmiş, müşteri odaklı ürün ve hizmet anlayışıyla, müşteri memnuniyetini en üst düzeye çıkaracak kaliteyi yönetmek ve sistemin sürekliliğini sağlamak



NAS RULMAN

TEKNİK HIRDAVAT











RULMAN NO	MARKA
PHS 5 A	FKC
PHS 6 A	FKC
PHS 8 A	FKC
PHS 10 A	FKC
PHS 12 A	FKC
PHS 14 A	FKC
PHS 16 A	FKC
PHS 18 A	FKC
PHS 20 A	FKC

RULMAN NO	MARKA
PHS 5 L	FKC
PHS 6 L	FKC
PHS 8 L	FKC
PHS 10 L	FKC
PHS 12 L	FKC
PHS 14 L	FKC
PHS 16 L	FKC
PHS 18 L	FKC
PHS 20 L	FKC

RULMAN NO	MARKA
SA 15 ES	FKC
SAL 15 ES	FKC





RULMAN NO	MARKA
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UCP 215	FKC
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UCP 218	FKC

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UCF 218	FKC

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UCT 209	FKC
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UCT 211	FKC
UCT 212	FKC
UCT 214	FKC
UCT 216	FKC
UCT 218	FKC



YATAKLI RULMAN ÇEŞİTLERİ



NAS RULMAN
TEKNİK HIRDAVAT

RULMAN NO	MARKA
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UCFC 206	FKC
UCFC 207	FKC
UCFC 208	FKC
UCFC 209	FKC
UCFC 210	FKC
UCFC 211	FKC
UCFC 212	FKC
UCFC 214	FKC
UCFC 215	FKC
UCFC 216	FKC
UCFC 218	FKC

RULMAN NO	MARKA
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GE 35 ES	FKC
GE 40 ES	FKC
GE 50 ES	FKC

RULMAN NO	MARKA
POS 5 L	FKC
POS 6 L	FKC
POS 8 L	FKC
POS 10 L	FKC
POS 12 L	FKC
POS 14 L	FKC
POS 16 L	FKC
POS 18 L	FKC
POS 20 L	FKC

RULMAN NO	MARKA
POS 5 A	FKC
POS 6 A	FKC
POS 8 A	FKC
POS 10 A	FKC
POS 12 A	FKC
POS 14 A	FKC
POS 16 A	FKC
POS 18 A	FKC
POS 20 A	FKC









BOSCH



SKIL

metabo



AEG



OSAKA

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SIEMENS VIKO PEKTAŞ KABLO PHILIPS









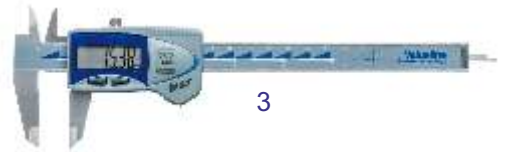




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MAX-EXTRA

KANCA

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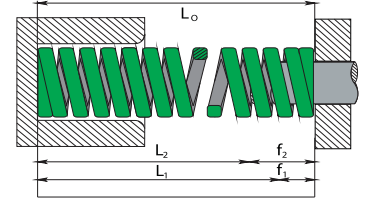






YEŞİL YAY

Hafif Yük



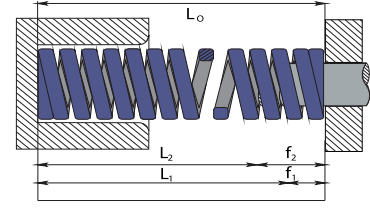
1S	D	d	L	R	30% Uzun Ömür için Kapanma Oranı	40% Maksimum Kapanma Oranı	 Kırılma Noktası				
YEŞİL	Sipariş Kodu	Dış Çap ø mm	İç Çap ø mm	Serbest Uzunluk mm	Yük N/mm	Kapanma Miktarı mm	Ağırlık N (Newton)	Kapanma Miktarı mm	Ağırlık N (Newton)	Kapanma Miktarı mm	Ağırlık N (Newton)
10 x 25	1S/10-025	10	5	25	10.0	7.5	75	10.0	100	13	130
10 x 32	1S/10-032			32	8.5	9.6	82	12.8	109	16	136
10 x 38	1S/10-038			38	6.8	11.4	78	15.2	103	20	136
10 x 44	1S/10-045			44	6.0	13.2	79	17.6	106	24	144
10 x 51	1S/10-050			51	5.0	15.3	77	20.4	102	27	135
10 x 64	1S/10-065			64	4.3	19.2	83	25.6	110	35	151
10 x 76	1S/10-075			76	3.2	22.8	73	30.4	97	39	125
10 x 305	1S/10-303			305	1.1	91.5	101	122.0	134	154	169
13 x 25	1S/13-025	12.5	6.3	25	17.9	7.5	134	10.0	179	13	233
13 x 32	1S/13-32			32	16.4	9.6	157	12.8	210	17	279
13 x 38	1S/13-038			38	13.6	11.4	155	15.2	207	21	286
13 x 44	1S/13-045			44	12.1	13.2	160	17.6	213	26	315
13 x 51	1S/13-050			51	11.4	15.3	174	20.4	233	29	331
13 x 64	1S/13-065			64	9.3	19.2	179	25.6	238	37	344
13 x 76	1S/13-075			76	7.1	22.8	162	30.4	216	42	298
13 x 89	1S/13-090			89	5.4	26.7	144	35.6	192	50	270
13 x 102	1S/13-101			102	4.6	30.6	141	40.8	188	58	267
13 x 305	1S/13-303			305	1.4	91.5	128	122.0	171	162	227
16 x 25	1S/16-025	16	8	25	23.4	7.5	176	10.0	234	13	304
16 x 32	1S/16-032			32	22.9	9.6	220	12.8	293	17	389
16 x 38	1S/16-038			38	19.3	11.4	220	15.2	293	20	386
16 x 44	1S/16-045			44	17.1	13.2	226	17.6	301	25	428
16 x 51	1S/16-050			51	15.7	15.3	240	20.4	320	27	424
16 x 64	1S/16-065			64	10.7	19.2	205	25.6	274	36	385
16 x 76	1S/16-075			76	10.0	22.8	228	30.4	304	43	430
16 x 89	1S/16-090			89	8.6	26.7	230	35.6	306	52	447
16 x 102	1S/16-101			102	7.8	30.6	239	40.8	318	58	452
16 x 305	1S/16-303			305	2.5	91.5	229	122.0	305	166	415
20 x 25	1S/19-025	20	10	25	55.8	7.5	419	10.0	558	13	725
20 x 32	1S/19-032			32	45.0	9.6	432	12.8	576	17	765
20 x 38	1S/19-038			38	33.3	11.4	380	15.2	506	20	666
20 x 44	1S/19-045			44	30.0	13.2	396	17.6	528	24	720
20 x 51	1S/19-050			51	24.5	15.3	375	20.4	500	27	662
20 x 64	1S/19-065			64	20.0	19.2	384	25.6	512	35	700
20 x 76	1S/19-075			76	16.0	22.8	365	30.4	486	40	640
20 x 89	1S/19-090			89	14.0	26.7	374	35.6	498	49	686
20 x 102	1S/19-101			102	12.0	30.6	367	40.8	490	55	660
20 x 115	1S/19-115			115	10.9	34.5	376	46.0	501	62	676
20 x 127	1S/19-126			127	9.5	38.1	362	50.8	483	71	675
20 x 139	1S/19-140			139	8.4	41.7	350	55.6	467	76	638
20 x 152	1S/19-151			152	7.5	45.6	342	60.8	456	81	608
20 x 305	1S/19-303			305	4.0	91.5	366	122.0	488	168	672
25 x 25	1S/26-025	25	12.5	25	100.0	7.5	750	10.0	1000	12	1200
25 x 32	1S/26-032			32	80.3	9.6	771	12.8	1028	16	1285
25 x 38	1S/26-038			38	62.0	11.4	707	15.2	942	19	1178
25 x 45	1S/26-045			44	52.9	13.2	698	17.6	931	22	1164
25 x 51	1S/26-050			51	44.0	15.3	673	20.4	898	25	1100
25 x 64	1S/26-065			64	35.0	19.2	676	25.6	901	34	1197



1S	D	d	L	R	30% Uzun Ömür İçin Kapanma Oranı		40% Maksimum Kapanma Oranı		 Kırılma Noktası				
YEŞİL	Sipariş Kodu	Dış Çap ø mm	İç Çap ø mm	Serbest Uzunluk mm	Yük N/mm	Kapanma Miktarı mm	Ağırlık N (Newton)	Kapanma Miktarı mm	Ağırlık N (Newton)	Kapanma Miktarı mm	Ağırlık N (Newton)		
25 x 76	1S/26-075	25	12.5	76	28.0	22.8	638	30.4	851	38	1064		
25 x 89	1S/26-090			89	24.0	26.7	641	35.6	854	48	1152		
25 x 102	1S/26-101			102	21.1	30.6	646	40.8	861	54	1139		
25 x 115	1S/26-115			115	18.7	34.5	645	46.0	860	61	1141		
25 x 127	1S/26-126			127	16.7	38.1	636	50.8	848	69	1152		
25 x 139	1S/26-140			139	15.3	41.7	638	55.6	851	75	1148		
25 x 152	1S/26-151			152	14.0	45.6	638	60.8	851	81	1134		
25 x 178	1S/26-176			178	12.5	53.4	668	71.2	890	96	1200		
25 x 203	1S/26-202			203	10.4	60.9	633	81.2	844	110	1144		
25 x 305	1S/26-303			305	7.0	91.5	641	122.0	854	168	1176		
32 x 38	1S/32-038	25	12.5	38	94.0	11.5	1072	15.2	1429	18	1692		
32 x 44	1S/32-045			44	79.5	13.2	1049	17.6	1399	22	1749		
32 x 51	1S/32-050			51	67.0	15.3	1025	20.4	1367	25	1675		
32 x 64	1S/32-065			64	53.0	19.2	1018	25.6	1357	34	1802		
32 x 76	1S/32-075			76	44.0	22.8	1003	30.4	1338	40	1760		
32 x 89	1S/32-090			89	37.2	26.7	993	35.6	1324	48	1786		
32 x 102	1S/32-101			102	32.0	30.6	979	40.8	1306	55	1760		
32 x 115	1S/32-115			115	29.0	34.5	1001	46.0	1334	63	1827		
32 x 127	1S/32-126			127	25.0	38.1	953	50.8	1270	69	1725		
32 x 139	1S/32-140			139	23.0	41.7	959	55.6	1279	77	1771		
32 x 152	1S/32-151	25	12.5	152	21.5	45.6	980	60.8	1307	81	1742		
32 x 178	1S/32-176			178	18.2	53.4	972	71.2	1296	95	1729		
32 x 203	1S/32-202			203	15.8	60.9	962	81.2	1283	112	1770		
32 x 254	1S/32-252			254	12.5	76.2	953	101.6	1270	143	1788		
32 x 305	1S/32-303			305	10.3	91.5	942	122.0	1257	175	1803		
40 x 51	1S/38-050			51	92.0	15.3	1408	20.4	1877	25	2300		
40 x 64	1S/38-065			64	73.0	19.2	1402	25.6	1869	33	2409		
40 x 76	1S/38-075			76	63.0	22.8	1436	30.4	1915	39	2457		
40 x 89	1S/38-090			89	51.0	26.7	1362	35.6	1816	47	2397		
40 x 102	1S/38-101			102	43.0	30.6	1316	40.8	1754	54	2322		
40 x 115	1S/38-115	25	12.5	115	39.6	34.5	1366	46.0	1822	61	2416		
40 x 127	1S/38-126			127	37.0	38.1	1410	50.8	1880	66	2442		
40 x 139	1S/38-140			139	32.0	41.7	1334	55.6	1779	76	2432		
40 x 152	1S/38-151			152	28.0	45.6	1277	60.8	1702	81	2268		
40 x 178	1S/38-176			178	25.2	53.4	1346	71.2	1794	93	2344		
40 x 203	1S/38-202			203	22.7	60.9	1382	81.2	1843	110	2497		
40 x 254	1S/38-252			254	17.0	76.2	1295	101.6	1727	136	2312		
40 x 305	1S/38-303			305	14.8	91.5	1354	122.0	1806	163	2412		
50 x 64	1S/51-065			25	12.5	64	156.0	19.2	2995	25.6	3994	31	4836
50 x 76	1S/51-075					76	125.0	22.8	2850	30.4	3800	36	4500
50 x 89	1S/51-090	89	109.0			26.7	2910	35.6	3880	44	4796		
50 x 102	1S/51-101	102	94.0			30.6	2876	40.8	3835	49	4606		
50 x 115	1S/51-115	115	81.0			34.5	2795	46.0	3726	60	4860		
50 x 127	1S/51-126	127	71.0			38.1	2705	50.8	3607	64	4544		
50 x 139	1S/51-140	139	66.5			41.7	2773	55.6	3697	70	4655		
50 x 152	1S/51-151	152	60.0			45.6	2736	60.8	3648	77	4620		
50 x 178	1S/51-176	178	52.0			53.4	2777	71.2	3702	94	4888		
50 x 203	1S/51-202	203	44.0			60.9	2680	81.2	3573	105	4620		
50 x 229	1S/51-229	25	12.5	229	38.2	68.7	2624	91.6	3499	126	4813		
50 x 254	1S/51-252			254	35.0	76.2	2667	101.6	3556	137	4795		
50 x 305	1S/51-303			305	28.5	91.5	2608	122.0	3477	168	4788		
63 x 76	1S/51-075			76	189.0	22.8	4309	30.4	5746	38	7182		
63 x 89	1S/51-090			89	158.0	26.7	4219	35.6	5625	45	7110		
63 x 102	1S/51-101			102	131.0	30.6	4009	40.8	5345	52	6812		
63 x 115	1S/51-115			115	116.0	34.5	4002	46.0	5336	60	6960		
63 x 127	1S/51-126			127	103.0	38.1	3924	50.8	5232	63	6489		
63 x 152	1S/51-151			152	84.3	45.6	3844	60.8	5125	78	6575		
63 x 178	1S/51-176			178	71.5	53.4	3818	71.2	5091	89	6364		
63 x 203	1S/51-202	203	61.7	60.9	3758	81.2	5010	108	6664				
63 x 254	1S/51-252	25	12.5	254	47.0	76.2	3581	101.6	4775	137	6439		
63 x 305	1S/51-303			305	38.2	91.5	3495	122.0	4660	163	6227		

MAVİ YAY

Orta Ağır Yük



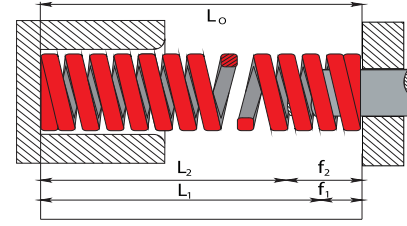
2S		D	d	L	R	25% Uzun Ömür İçin Kapanma Oranı		37.5% Maksimum Kapanma Oranı		 Kırılma Noktası		
MAVİ		Sipariş Kodu	Dış Çap ø mm	İç Çap ø mm	Serbest Uzunluk mm	Yük N/mm	Kapanma Miktarı mm	Ağırlık N (Newton)	Kapanma Miktarı mm	Ağırlık N (Newton)	Kapanma Miktarı mm	Ağırlık N (Newton)
10 x 25	2S/10-025	10	5	Tel Kesiti 1.8 x 1.2 b x h	25	16.0	6.3	100	9.4	150	12	192
10 x 32	2S/10-032				32	13.0	8.0	104	12.0	156	14	182
10 x 38	2S/10-038				38	11.9	9.5	113	14.3	170	19	226
10 x 44	2S/10-045				44	10.3	11.0	113	16.5	170	23	237
10 x 51	2S/10-050				51	8.9	12.8	113	19.1	170	27	240
10 x 64	2S/10-065				64	7.5	16.0	120	24.0	180	31	233
10 x 76	2S/10-075				76	5.3	19.0	101	28.5	151	37	196
10 x 305	2S/10-303				305	1.6	76.3	122	114.4	183	137	219
13 x 25	2S/13-025	12.5	6.3	Tel Kesiti 2.5 x 1.7 b x h	25	30.0	6.3	188	9.4	281	10	300
13 x 32	2S/13-32				32	24.8	8.0	198	12.0	298	13	322
13 x 38	2S/13-038				38	21.4	9.5	203	14.3	305	16	342
13 x 44	2S/13-045				44	18.5	11.0	204	16.5	305	20	270
13 x 51	2S/13-050				51	15.5	12.8	198	19.1	296	25	388
13 x 64	2S/13-065				64	12.1	16.0	194	24.0	290	28	339
13 x 76	2S/13-075				76	10.2	19.0	194	28.5	291	34	347
13 x 89	2S/13-090				89	8.4	22.3	187	33.4	280	41	344
13 x 102	2S/13-101				102	7.1	25.5	181	38.3	272	46	327
13 x 305	2S/13-303				305	2.1	76.3	160	114.4	240	128	269
16 x 25	2S/16-025	16	8	Tel Kesiti 3.2 x 2.0 b x h	25	49.4	6.3	309	9.4	463	11	543
16 x 32	2S/16-032				32	37.1	8.0	297	12.0	445	15	557
16 x 38	2S/16-038				38	33.9	9.5	322	14.3	483	18	610
16 x 44	2S/16-045				44	30.0	11.0	330	16.5	495	22	660
16 x 51	2S/16-050				51	26.4	12.8	337	19.1	505	24	634
16 x 64	2S/16-065				64	20.6	16.0	328	24.0	492	32	656
16 x 76	2S/16-075				76	17.8	19.0	338	28.5	507	36	641
16 x 89	2S/16-090				89	15.2	22.3	338	33.4	507	43	654
16 x 102	2S/16-101				102	13.5	25.5	344	38.3	516	47	635
16 x 305	2S/16-303				305	4.8	76.3	366	114.4	549	139	667
20 x 25	2S/19-025	20	10	Tel Kesiti 4.0 x 2.4 b x h	25	98.0	6.3	613	9.4	919	10	980
20 x 32	2S/19-032				32	72.6	8.0	581	12.0	871	13	944
20 x 38	2S/19-038				38	56.0	9.5	532	14.3	798	16	896
20 x 44	2S/19-045				44	47.5	11.0	523	16.5	784	19	903
20 x 51	2S/19-050				51	41.7	12.8	532	19.1	798	21	876
20 x 64	2S/19-065				64	32.3	16.0	517	24.0	775	28	904
20 x 76	2S/19-075				76	25.1	19.0	477	28.5	715	33	828
20 x 89	2S/19-090				89	22.0	22.3	490	33.4	734	41	902
20 x 102	2S/19-101				102	19.8	25.5	505	38.3	757	48	950
20 x 115	2S/19-115				115	18.1	28.8	520	43.1	781	55	996
20 x 127	2S/19-126				127	16.6	31.8	527	47.6	791	61	1013
20 x 139	2S/19-140				139	15.1	34.8	525	52.1	787	67	1012
20 x 152	2S/19-151				152	13.2	38.0	502	57.0	752	74	977
20 x 305	2S/19-303				305	6.1	76.3	465	114.4	698	146	891
25 x 25	2S/26-025	25	12.5	Tel Kesiti 5.3 x 3.1 b x h	25	147.0	6.3	919	9.4	1378	11	1617
25 x 32	2S/26-032				32	118.0	8.0	944	12.0	1416	13	1534
25 x 38	2S/26-038				38	93.0	9.5	884	14.3	1325	18	1674
25 x 44	2S/26-045				44	80.8	11.0	889	16.5	1333	21	1697
25 x 51	2S/26-050				51	68.6	12.8	875	19.1	1312	23	1578
25 x 64	2S/26-065				64	53.0	16.0	848	24.0	1272	30	1590
25 x 76	2S/26-075				76	43.2	19.0	821	28.5	1231	35	1512
25 x 89	2S/26-090				89	38.2	22.3	850	33.4	1275	43	1643
25 x 102	2S/26-101				102	33.0	25.5	842	38.3	1262	49	1617



2S		D	d	L	R	25% Uzun Ömür İçin Kapanma Oranı		37.5% Maksimum Kapanma Oranı		 Kırılma Noktası		
MAVİ		Sipariş Kodu	Dış Çap ø mm	İç Çap ø mm	Serbest Uzunluk mm	Yük N/mm	Kapanma Miktarı mm	Ağırlık N (Newton)	Kapanma Miktarı mm	Ağırlık N (Newton)	Kapanma Miktarı mm	Ağırlık N (Newton)
25 x 115	2S/26-115	25	12.5	Tel Kesiti 5.3 x 3.1 b x h	115	28.0	28.8	805	43.1	1208	56	1568
25 x 127	2S/26-126				127	25.9	31.8	822	47.6	1233	60	1554
25 x 139	2S/26-140				139	23.2	34.8	806	52.1	1209	65	1508
25 x 152	2S/26-151				152	20.8	38.0	790	57.0	1186	71	1477
25 x 178	2S/26-176				178	17.8	44.5	792	66.8	1188	85	1513
25 x 203	2S/26-202				203	15.8	50.8	802	76.1	1203	96	1517
25 x 305	2S/26-303	32	16	Tel Kesiti 6.8 x 4.0 b x h	305	10.2	76.3	778	114.4	1167	150	1530
32 x 38	2S/32-039				38	185.0	9.5	1758	14.3	2636	17	3145
32 x 44	2S/32-045				44	158.0	11.0	1738	16.5	2607	19	3002
32 x 51	2S/32-050				51	134.0	12.8	1709	19.1	2563	23	3082
32 x 64	2S/32-065				64	99.0	16.0	1584	24.0	2376	30	2970
32 x 76	2S/32-075				76	80.5	19.0	1530	28.5	2294	34	2737
32 x 89	2S/32-090				89	69.1	22.3	1537	33.4	2306	42	2902
32 x 102	2S/32-101				102	58.8	25.5	1499	38.3	2249	47	2764
32 x 115	2S/32-115				115	51.5	28.8	1481	43.1	2221	55	2833
32 x 127	2S/32-126				127	44.8	31.8	1422	47.6	2134	61	2733
32 x 139	2S/32-140				139	42.3	34.8	1470	52.1	2205	68	2876
32 x 152	2S/32-151				152	37.8	38.0	1436	57.0	2155	75	2835
32 x 178	2S/32-176	178	32.5	44.5	1446	66.8	2169	89	2893			
32 x 203	2S/32-202	203	28.9	50.8	1467	76.1	2200	101	2919			
32 x 254	2S/32-252	254	21.4	63.5	1359	95.3	2038	124	2654			
32 x 305	2S/32-303	305	18.3	76.3	1395	114.4	3093	150	2745			
40 x 51	2S/38-050	40	20	Tel Kesiti 8.1 x 4.8 b x h	51	181.6	12.8	2315	19.1	3473	21	3814
40 x 64	2S/38-065				64	140.0	16.0	2240	24.0	3360	28	3920
40 x 76	2S/38-075				76	108.0	19.0	2052	28.5	3078	33	3564
40 x 89	2S/38-090				89	90.7	22.3	2018	33.4	3027	41	3719
40 x 102	2S/38-101				102	81.0	25.5	2066	38.3	3098	45	3645
40 x 115	2S/38-115				115	71.8	28.8	2064	43.1	3096	52	3734
40 x 127	2S/38-126				127	62.7	31.8	1991	47.6	2986	59	3699
40 x 139	2S/38-140				139	57.5	34.8	1998	52.1	2997	66	3795
40 x 152	2S/38-151				152	51.6	38.0	1961	57.0	2941	71	3664
40 x 160	2S/38-160				160	47.5	40.0	1900	60.0	2850	72	3420
40 x 178	2S/38-176				178	44.1	44.5	1962	66.8	2944	83	3660
40 x 203	2S/38-202				203	36.7	50.8	1863	76.1	2794	94	3450
40 x 254	2S/38-252	254	30.1	63.5	1911	95.3	2867	114	3431			
40 x 305	2S/38-303	305	24.6	76.3	1876	114.4	2814	148	3641			
50 x 64	2S/51-065	50	25	Tel Kesiti 10.9 x 6.0 b x h	64	209.0	16.0	3344	24.0	5016	30	6270
50 x 76	2S/51-075				76	168.0	19.0	3192	28.5	4788	36	6048
50 x 89	2S/51-090				89	140.0	22.3	3115	33.4	4673	43	6020
50 x 102	2S/51-101				102	119.0	25.5	3035	38.3	4552	48	5712
50 x 115	2S/51-115				115	106.0	28.8	3048	43.1	4571	55	5830
50 x 127	2S/51-126				127	97.0	31.8	3080	47.6	4620	63	6111
50 x 139	2S/51-140				139	87.0	34.8	3023	52.1	4535	66	5742
50 x 152	2S/51-151				152	80.0	38.0	3040	57.0	4560	72	5760
50 x 160	2S/51-160				160	76.0	40.0	3040	60.0	4560	78	5928
50 x 178	2S/51-176				178	69.5	44.5	3093	66.8	4639	85	5908
50 x 203	2S/51-202				203	59.8	50.8	3035	76.1	4552	95	5681
50 x 229	2S/51-229				229	50.9	57.3	2914	85.9	4371	114	5803
50 x 254	2S/51-252	254	43.9	63.5	2788	95.3	4181	125	5488			
50 x 305	2S/51-303	305	38.6	76.3	2943	114.4	4415	150	5790			
63 x 76	2S/63-075	63	38	Tel Kesiti 11.5 x 9.3 b x h	76	312.0	19.0	5928	28.5	8892	30	9360
63 x 89	2S/63-090				89	260.0	22.3	5785	33.4	8678	38	9880
63 x 102	2S/63-101				102	221.0	25.5	5636	38.3	8453	43	9503
63 x 115	2S/63-115				115	187.0	28.8	5376	43.1	8064	50	9350
63 x 127	2S/63-126				127	168.0	31.8	5334	47.6	8001	52	8736
63 x 152	2S/63-151				152	136.0	38.0	5168	57.0	7752	67	9112
63 x 160	2S/63-160				160	128.0	40.0	5120	60.0	7680	70	8960
63 x 178	2S/63-176				178	114.0	44.5	5073	66.8	7610	78	8892
63 x 203	2S/63-202				203	100.0	50.8	5075	76.1	7613	88	8800
63 x 229	2S/63-229				229	89.2	57.3	5107	85.9	7660	102	9098
63 x 254	2S/63-252				254	78.4	63.5	4978	95.3	7468	115	9016
63 x 305	2S/63-303				305	64.7	76.3	4933	114.4	7400	134	8670
63 x 315	2S/63-315	315	62.8	78.8	4946	118.1	7418	144	9043			
63 x 400	2S/63-400	400	48.5	100.0	4850	150.0	7275	197	9555			

KIRMIZI YAY

Ağır Yük



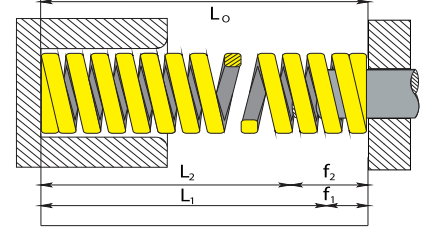
3S		D	d	L	R	30% Uzun Ömür için Kapanma Oranı		40% Maksimum Kapanma Oranı		 Kırılma Noktası	
KIRMIZI	Sipariş Kodu	Dış Çap ø mm	İç Çap ø mm	Serbest Uzunluk mm	Yük N/mm	Kapanma Miktarı mm	Ağırlık N (Newton)	Kapanma Miktarı mm	Ağırlık N (Newton)	Kapanma Miktarı mm	Ağırlık N (Newton)
10 x 25	3S/10-025	10	5	25	22.1	5.0	111	7.5	166	9	199
10 x 32	3S/10-032			32	17.5	6.4	112	9.6	168	12	210
10 x 38	3S/10-038			38	17.1	7.6	130	11.4	195	15	257
10 x 44	3S/10-045			44	15.0	8.8	132	13.2	198	17	255
10 x 51	3S/10-050			51	12.8	10.2	131	15.3	196	21	269
10 x 64	3S/10-065			64	10.7	12.8	137	19.2	205	26	278
10 x 76	3S/10-075			76	7.5	15.2	114	22.8	171	31	233
10 x 305	3S/10-303			305	2.1	61.0	128	91.5	192	122	256
13 x 25	3S/13-025	12.5	6.3	25	42.1	5.0	211	7.5	316	9	379
13 x 32	3S/13-32			32	33.2	6.4	212	9.6	319	13	432
13 x 38	3S/13-038			38	29.3	7.6	223	11.4	334	15	440
13 x 44	3S/13-045			44	24.6	8.8	216	13.2	325	18	443
13 x 51	3S/13-050			51	19.6	10.2	200	15.3	300	20	392
13 x 64	3S/13-065			64	15.0	12.8	192	19.2	288	26	390
13 x 76	3S/13-075			76	13.2	15.2	201	22.8	301	30	396
13 x 89	3S/13-090			89	11.4	17.8	203	26.7	304	35	399
13 x 102	3S/13-101			102	9.4	20.4	192	30.6	287	41	385
13 x 305	3S/13-303			305	2.8	61.0	171	91.5	256	123	344
16 x 25	3S/16-025	16	8	25	75.7	5.0	379	7.5	568	9	681
16 x 32	3S/16-032			32	52.8	6.4	338	9.6	507	14	739
16 x 38	3S/16-038			38	48.5	7.6	369	11.4	553	17	825
16 x 44	3S/16-045			44	42.8	8.8	377	13.2	565	20	856
16 x 51	3S/16-050			51	37.1	10.2	378	15.3	568	21	779
16 x 64	3S/16-065			64	30.3	12.8	388	19.2	582	28	848
16 x 76	3S/16-075			76	25.8	15.2	391	22.8	586	33	848
16 x 89	3S/16-090			89	21.7	17.8	386	26.7	579	39	846
16 x 102	3S/16-101			102	19.3	20.4	394	30.6	591	44	849
16 x 305	3S/16-303			305	7.1	61.0	433	91.5	650	127	902
20 x 25	3S/19-025	20	10	25	216.0	5.0	1080	7.5	1620	9	1944
20 x 32	3S/19-032			32	168.0	6.4	1075	9.6	1613	11	1848
20 x 38	3S/19-038			38	129.0	7.6	980	11.4	1471	13	1677
20 x 44	3S/19-045			44	112.0	8.8	986	13.2	1478	16	1792
20 x 51	3S/19-050			51	94.0	10.2	959	15.3	41438	20	1880
20 x 64	3S/19-065			64	72.1	12.8	923	19.2	1384	25	1803
20 x 76	3S/19-075			76	59.7	15.2	907	22.8	1361	29	1731
20 x 89	3S/19-090			89	50.5	17.8	899	26.7	1348	35	1768
20 x 102	3S/19-101			102	44.2	20.4	902	30.6	1353	40	1768
20 x 115	3S/19-115			115	38.4	23.0	883	34.5	1325	47	1805
20 x 127	3S/19-126			127	34.1	25.4	866	38.1	1299	52	1773
20 x 139	3S/19-140			139	31.0	27.8	862	41.7	1293	57	1767
20 x 152	3S/19-151			152	28.2	30.4	857	45.6	1286	62	1748
20 x 305	3S/19-303			305	15.0	61.0	915	91.5	1973	121	1815
25 x 25	3S/26-025	25	12.5	25	375.0	5.0	1875	7.5	2813	9	3375
25 x 32	3S/26-032			32	297.0	6.4	1901	9.6	2851	11	3267
25 x 38	3S/26-038			38	219.0	7.6	1664	11.4	2497	14	3066
25 x 44	3S/26-045			44	187.0	8.8	1646	13.2	2468	16	2992
25 x 51	3S/26-050			51	156.0	10.2	1591	15.3	2387	19	2964
25 x 64	3S/26-065			64	123.0	12.8	1574	19.2	2362	26	3198



3S		D	d	L	R	20% Uzun Ömür İçin Kapanma Oranı		40% Maksimum Kapanma Oranı		 Kırılma Noktası		
KIRMIZI		Sipariş Kodu	Dış Çap ø mm	İç Çap ø mm	Serbest Uzunluk mm	Yük N/mm	Kapanma Miktarı mm	Ağırlık N (Newton)	Kapanma Miktarı mm	Ağırlık N (Newton)	Kapanma Miktarı mm	Ağırlık N (Newton)
25 X 76	3S/26-075	25	12.5	Tel Kesiti 5.6 x 4.1 b x h	76	99.0	15.2	1505	22.8	2257	29	2871
25 X 89	3S/26-090				89	84.0	17.8	1495	26.7	2243	35	2940
25 X 102	3S/26-101				102	73.0	20.4	1489	30.6	2234	39	2847
25 X 115	3S/26-115				115	65.0	23.0	1495	34.5	2243	45	2925
25 X 127	3S/26-126				127	57.7	25.4	1466	38.1	2198	48	2770
25 X 139	3S/26-140				139	52.7	27.8	1465	41.7	2198	54	2846
25 X 152	3S/26-151				152	47.8	30.4	1453	45.6	2180	60	2868
25 X 178	3S/26-176				178	41.0	35.6	1460	53.4	2189	67	2747
25 X 203	3S/26-202				203	35.8	40.6	1453	60.9	2180	80	2864
25 X 305	3S/26-303				305	22.9	61.0	1397	91.5	2095	119	2725
32 X 38	3S/32-038	32	16	Tel Kesiti 6.9 x 5.3 b x h	38	388.0	7.6	2949	11.4	4423	13	5044
32 X 44	3S/32-045				44	324.0	8.8	2851	13.2	4277	16	5184
32 X 51	3S/32-050				51	272.0	10.2	2774	15.3	4162	18	4896
32 X 64	3S/32-065				64	212.0	12.8	2714	19.2	4070	23	4876
32 X 76	3S/32-075				76	172.0	15.2	2614	22.8	3922	27	4644
32 X 89	3S/32-090				89	141.0	17.8	2510	26.7	3765	33	4653
32 X 102	3S/32-101				102	122.0	20.4	2489	30.6	3733	39	4758
32 X 115	3S/32-115				115	107.0	23.0	2461	34.5	3692	43	4601
32 X 127	3S/32-126				127	93.0	25.4	2362	38.1	3543	47	4371
32 X 139	3S/32-140				139	86.0	27.8	2391	41.7	3586	51	4386
32 X 152	3S/32-151				152	78.0	30.4	2371	45.6	3557	55	4290
32 X 178	3S/32-176				178	67.2	35.6	2392	53.4	3588	69	4637
32 X 203	3S/32-202				203	59.1	40.6	2399	60.9	3599	81	4787
32 X 254	3S/32-252				254	46.4	50.8	2357	76.2	3536	99	4594
32 X 305	3S/32-303				305	38.0	61.0	2318	91.5	3477	119	4522
40 X 51	3S/38-050	40	20	Tel Kesiti 8.4 x 6.2 b x h	51	350.0	10.2	3570	15.3	5355	18	6300
40 X 64	3S/38-065				64	269.0	12.8	3443	19.2	5165	25	6725
40 X 76	3S/38-075				76	219.0	15.2	3329	22.8	4993	30	6570
40 X 89	3S/38-090				89	190.0	17.8	3382	26.7	5073	36	6840
40 X 102	3S/38-101				102	163.0	20.4	3325	30.6	4988	41	6683
40 X 115	3S/38-115				115	142.0	23.0	3266	34.5	4899	47	6674
40 X 127	3S/38-126				127	128.0	25.4	3251	38.1	4877	53	6784
40 X 139	3S/38-140				139	115.0	27.8	3197	41.7	4796	56	6440
40 X 152	3S/38-151				152	105.0	30.4	3192	45.6	4788	62	6510
40 X 178	3S/38-176				178	89.0	35.6	3168	53.4	4753	70	6230
40 X 203	3S/38-202				203	77.0	40.6	3126	60.9	4689	83	6391
40 X 254	3S/38-252				254	61.0	50.8	3099	76.2	4648	101	6161
40 X 305	3S/38-303				305	51.0	61.0	3111	91.5	4667	127	6477
50 X 64	3S/51-065	50	25	Tel Kesiti 11.3 x 7.4 b x h	64	413.0	12.8	5286	19.2	7930	26	10738
50 X 76	3S/51-075				76	339.0	15.2	5153	22.8	7729	29	9831
50 X 89	3S/51-090				89	288.0	17.8	5126	26.7	7690	35	10080
50 X 102	3S/51-101				102	245.0	20.4	4998	30.6	7497	41	10045
50 X 115	3S/51-115				115	215.0	23.0	4945	34.5	7418	47	10105
50 X 127	3S/51-126				127	192.0	25.4	4877	38.1	7315	55	10560
50 X 139	3S/51-140				139	168.0	27.8	4670	41.7	7006	61	10248
50 X 152	3S/51-151				152	154.0	30.4	4682	45.6	7022	66	10164
50 X 178	3S/51-176				178	134.0	35.6	4770	53.4	7156	75	10050
50 X 203	3S/51-202				203	117.0	40.6	4750	60.9	7125	87	10179
50 X 254	3S/51-252				254	89.0	50.8	4521	76.2	6782	108	9612
50 X 305	3S/51-303				305	73.0	61.0	4453	91.5	6680	133	9709
63 X 76	3S/63-075	63	38	Tel Kesiti 12.5 x 11.0 b x h	76	630.0	15.2	9576	22.8	14364	24	15120
63 X 89	3S/63-090				89	485.0	17.8	8633	26.7	12950	32	15520
63 X 102	3S/63-101				102	434.0	20.4	8854	30.6	13280	36	15624
63 X 115	3S/63-115				115	384.0	23.0	8832	34.5	13248	40	15360
63 X 127	3S/63-126				127	349.0	25.4	8865	38.1	13297	44	15356
63 X 152	3S/63-151				152	276.0	30.4	8390	45.6	12586	56	15456
63 X 178	3S/63-176				178	237.0	35.6	8437	53.4	12656	65	15405
63 X 203	3S/63-202				203	210.0	40.6	8526	60.9	12789	74	15540
63 X 254	3S/63-252				254	165.0	50.8	8382	76.2	12573	94	15510
63 X 305	3S/63-303				305	134.0	61.0	8174	91.5	12261	115	15410

SARI YAY

Çok Ağır Yük



4S		D	d	L	R	17% Uzun Ömür için Kapanma Oranı		25% Maksimum Kapanma Oranı		 Kırılma Noktası		
SARI		Sipariş Kodu	Dış Çap ø mm	İç Çap ø mm	Serbest Uzunluk mm	Yük N/mm	Kapanma Miktarı mm	Ağırlık N (Newton)	Kapanma Miktarı mm	Ağırlık N (Newton)	Kapanma Miktarı mm	Ağırlık N (Newton)
10 x 25	4S/10-025	10	5	Tel Kesiti 1.9 x 1.5 b x h	25	36.8	4.3	156	6.3	230	9	331
10 x 32	4S/10-032				32	27.9	5.4	152	8.0	223	12	335
10 x 38	4S/10-038				38	23.7	6.5	153	9.5	225	14	332
10 x 44	4S/10-045				44	19.2	7.5	144	11.0	211	17	326
10 x 51	4S/10-050				51	16.5	8.7	143	12.8	210	19	314
10 x 64	4S/10-065				64	13.2	10.9	144	16.0	211	23	304
10 x 76	4S/10-075				76	10.9	12.9	141	19.0	207	33	327
10 x 305	4S/10-303				305	2.6	51.9	135	76.3	198	177	304
13 x 25	4S/13-025	12.5	6.3	Tel Kesiti 2.3 x 2.2 b x h	25	58.5	4.3	249	6.3	366	9	527
13 x 32	4S/13-32				32	43.9	5.4	239	8.0	351	12	527
13 x 38	4S/13-038				38	36.0	6.5	233	9.5	342	14	504
13 x 44	4S/13-045				44	30.3	7.5	227	11.0	333	18	545
13 x 51	4S/13-050				51	26.2	8.7	227	12.8	334	20	524
13 x 64	4S/13-065				64	21.2	10.9	231	16.0	339	27	572
13 x 76	4S/13-075				76	17.1	12.9	221	19.0	325	32	547
13 x 89	4S/13-090				89	14.5	15.1	219	22.3	323	38	551
13 x 102	4S/13-101				102	12.5	17.3	216	25.5	319	41	513
13 x 305	4S/13-303				305	4.3	51.9	223	76.3	328	115	495
16 x 25	4S/16-025	16	8	Tel Kesiti 3.2 x 2.7 b x h	25	118.0	4.3	502	6.3	738	10	1180
16 x 32	4S/16-032				32	89.0	5.4	484	8.0	712	12	1068
16 x 38	4S/16-038				38	72.1	6.5	466	9.5	685	14	1009
16 x 44	4S/16-045				44	60.9	7.5	456	11.0	670	17	1035
16 x 51	4S/16-050				51	52.3	8.7	453	12.8	667	19	994
16 x 64	4S/16-065				64	41.2	10.9	448	16.0	659	25	1030
16 x 76	4S/16-075				76	34.1	12.9	441	19.0	648	29	989
16 x 89	4S/16-090				89	29.5	15.1	446	22.3	656	36	1062
16 x 102	4S/16-101				102	25.6	17.3	444	25.5	653	38	973
16 x 305	4S/16-303				305	8.4	51.9	436	76.3	641	120	1008
20 x 25	4S/19-025	20	10	Tel Kesiti 4.1 x 3.7 b x h	25	293.0	4.3	1245	6.3	1831	7	2051
20 x 32	4S/19-032				32	224.0	5.4	1219	8.0	1792	10	2240
20 x 38	4S/19-038				38	177.0	6.5	1143	9.5	1682	12	2124
20 x 44	4S/19-045				44	149.0	7.5	1115	11.0	1639	14	2086
20 x 51	4S/19-050				51	128.0	8.7	1110	12.8	1632	16	2048
20 x 64	4S/19-065				64	99.0	10.9	1077	16.0	1584	22	2178
20 x 76	4S/19-075				76	81.7	12.9	1056	19.0	1552	25	2043
20 x 89	4S/19-090				89	69.5	15.1	1052	22.3	1546	31	2155
20 x 102	4S/19-101				102	60.5	17.3	1051	25.5	1545	36	2182
20 x 115	4S/19-115				115	53.0	19.6	1036	28.8	1524	42	2226
20 x 127	4S/19-126				127	47.5	21.6	1026	31.8	1508	43	2043
20 x 139	4S/19-140				139	43.0	23.6	1016	34.8	1494	48	2064
20 x 152	4S/19-151				152	39.0	25.8	1008	38.0	1482	52	2028
20 x 305	4S/19-303				305	21.2	51.9	1099	76.3	1617	105	2226
25 x 32	4S/26-032	25	12.5	Tel Kesiti 5.6 x 4.6 b x h	32	374.4	5.4	2037	8.0	2995	11	4118
25 x 38	4S/26-038				38	346.0	6.5	2235	9.5	3287	13	4498
25 x 44	4S/26-045				44	244.0	7.5	1825	11.0	2684	16	3904
25 x 51	4S/26-050				51	207.5	8.7	1799	12.8	2646	18	3735
25 x 61	4S/26-065				64	161.0	10.9	1752	16.0	2576	23	3703



4S					D	d	L	R	17% Uzun Ömür İçin Kapanma Oranı		25% Maksimum Kapanma Oranı		 Kırılma Noktası		
SARI		Sipariş Kodu	Dış Çap ø mm	İç Çap ø mm	Serbest Uzunluk mm	Yük N/mm	Kapanma Miktarı mm	Ağırlık N (Newton)	Kapanma Miktarı mm	Ağırlık N (Newton)	Kapanma Miktarı mm	Ağırlık N (Newton)			
25 X 76	4S/26-075	25	12.5	Tel Kesiti 5.6 x 4.7 b x h	76	130.8	12.9	1690	19.0	2485	26	3401			
25 X 89	4S/26-090				89	110.5	15.1	1672	22.3	2459	31	3426			
25 X 102	4S/26-101				102	96.3	17.3	1670	25.5	2456	36	3467			
25 X 115	4S/26-115				115	85.7	19.6	1675	28.8	2464	41	3514			
25 X 127	4S/26-126				127	76.3	21.6	1647	31.8	2423	47	3586			
25 X 139	4S/26-140				139	69.5	23.9	1643	35.4	2419	50	3502			
25 X 152	4S/26-151				152	63.5	25.8	1641	38.0	2413	54	3429			
25 X 178	4S/26-176				178	53.9	30.3	1631	44.5	2399	63	3396			
25 X 203	4S/26-202				203	47.0	34.5	1622	50.8	2385	72	3384			
25 X 305	4S/26-303				305	30.9	51.9	1602	76.3	2356	113	3492			
32 X 38	4S/32-038	32	16	Tel Kesiti 7.2 x 5.6 b x h	38	528.2	6.5	3412	9.5	5018	12	6338			
32 X 44	4S/32-045				44	424.4	7.5	3175	11.0	4668	15	6366			
32 X 51	4S/32-050				51	353.0	8.7	3061	12.8	4501	17	6001			
32 X 64	4S/32-065				64	269.2	10.9	2929	16.0	4307	22	5922			
32 X 76	4S/32-075				76	218.5	12.9	2823	19.0	4152	25	5463			
32 X 89	4S/32-090				89	180.3	15.1	2728	22.3	4012	33	5950			
32 X 102	4S/32-101				102	155.0	17.3	2688	25.5	3953	36	5580			
32 X 115	4S/32-115				115	140.0	19.6	2737	28.8	4025	42	5880			
32 X 127	4S/32-126				127	124.0	21.6	2677	31.8	3937	46	5704			
32 X 152	4S/32-151				152	102.0	25.8	2636	38.0	3876	56	5712			
32 X 178	4S/32-176				178	88.2	30.3	2669	44.5	3925	64	5645			
32 X 203	4S/32-202				203	76.0	34.5	2623	50.8	3857	71	5396			
32 X 254	4S/32-252				254	60.8	43.2	2625	63.5	3861	90	5472			
32 X 305	4S/32-303				305	49.0	51.9	2541	76.3	3736	103	5047			
40 X 51	4S/38-050	40	20	Tel Kesiti 8.7 x 7.3 b x h	51	628.0	8.7	5445	12.8	8007	17	10676			
40 X 64	4S/38-065				64	487.0	10.9	5299	16.0	7792	23	11201			
40 X 76	4S/38-075				76	379.0	12.9	4897	19.0	7201	27	10233			
40 X 89	4S/38-090				89	321.0	15.1	4857	22.3	7142	31	9951			
40 X 102	4S/38-101				102	281.0	17.3	4873	25.5	7166	36	10116			
40 X 115	4S/38-115				115	245.0	19.6	4790	28.8	7044	40	9800			
40 X 127	4S/38-126				127	221.0	21.6	4771	31.8	7017	44	9724			
40 X 139	4S/38-140				139	202.0	23.6	4773	34.8	7020	52	10504			
40 X 152	4S/38-151				152	168.0	25.8	4341	38.0	6384	56	9408			
40 X 178	4S/38-176				178	148.0	30.3	4478	44.5	6586	61	9028			
40 X 203	4S/38-202				203	132.0	34.5	4555	50.8	6699	73	9636			
40 X 254	4S/38-252				254	107.0	43.2	4620	63.5	6795	93	9951			
40 X 305	4S/38-303				305	87.8	51.9	4552	76.3	6695	106	9307			
50 X 64	4S/51-065				50	25	Tel Kesiti 11.4 x 9.1 b x h	64	709.0	10.9	7714	16.0	11344	21	14889
50 X 76	4S/51-075	76	572.0	12.9				7390	19.0	10868	25	14300			
50 X 89	4S/51-090	89	475.0	15.1				7187	22.3	10569	28	13300			
50 X 102	4S/51-101	102	405.0	17.3				7023	25.5	10328	33	13365			
50 X 115	4S/51-115	115	352.0	19.6				6882	28.8	10120	38	13376			
50 X 127	4S/51-126	127	316.0	21.6				6822	31.8	10033	43	13588			
50 X 139	4S/51-140	139	289.0	23.6				6829	34.8	10043	47	13583			
50 X 152	4S/51-151	152	239.0	25.8				6176	38.0	9082	53	12667			
50 X 178	4S/51-176	178	216.0	30.3				6536	44.5	9212	60	12960			
50 X 203	4S/51-202	203	187.0	34.5				6453	50.8	9490	71	13277			
50 X 254	4S/51-252	254	153.0	43.2				6607	63.5	9716	91	13923			
50 X 305	4S/51-303	305	127.0	51.9				6585	76.3	9684	106	13462			
63 X 76	4S/63-075	63	38	Tel Kesiti 13.0 x 11.1 b x h				76	842.0	12.9	10879	19.0	15998	24	20208
63 X 89	4S/63-090							89	726.0	15.1	10984	22.3	16154	28	20328
63 X 102	4S/63-101				102	656.0	17.3	11375	25.5	16728	31	20336			
63 X 115	4S/63-115				115	534.0	19.6	10440	28.8	15353	38	20292			
63 X 127	4S/63-126				127	480.0	21.6	10363	31.8	15240	42	20160			
63 X 152	4S/63-151				152	396.0	25.8	10233	38.0	15048	51	20196			
63 X 178	4S/63-176				178	335.0	30.3	10137	44.5	14908	60	20100			
63 X 203	4S/63-202				203	297.0	34.5	10249	50.8	15079	68	20196			
63 X 254	4S/63-252				254	235.0	43.2	10147	63.5	14923	85	19975			
63 X 305	4S/63-303				305	194.0	51.9	10059	76.3	14793	103	19982			



80 Shore

Maksimum esneme payı %30



90 Shore

Maksimum esneme payı %25



Poliüretan Yaylar Teknik Özellikleri Sipariş Şekli : D1

Teknik veri tablosuna göre **L (Tam Boy)** kullanılması tavsiye edilen uzunluktur. Shore sertliklerine göre esneme payları aşağıdaki tabloda belirtilmiştir.

D1 (Dış Çap)	d2 (Delik Çapı)	L (Tam Boy)	Sarı (80 Shore)			Kırmızı (90 Shore)		
			P Yük / kg	D Esn. Max. Çap	F Esn. Max. Boy	P Yük / kg	D Esn. Max. Çap	F Esn. Max. Boy
16	-	12	179	21	3,6	226	20	3
		16	173		4,8	218		5
		20	170		6,0	212		5
		25	165		7,5	208		6,25
		32	160		9,6	200		8
20	8,5	12	274	26	3,6	334	25	3
		16	270		4,8	330		5
		20	260		6,0	324		5
		25	254		7,5	320		6,25
		32	250		9,6	308		8
25	10,5	16	437	33	4,8	540	31	4
		20	425		6,0	530		5
		25	412		7,5	520		6,25
		32	40		9,6	510		8
		40	380		12,0	50		10
		50	365		15,0	480		12,50
		16	730		4,8	930		4
32	13,5	20	720	42	6,0	900	40	5
		25	690		7,5	880		6,25
		32	670		9,6	850		8
		40	650		12,0	820		10
		50	635		15,0	810		12,50
		20	1280		6,0	1620		5
40	13,5	25	1260	52	7,5	1550	50	6,25
		32	1180		9,6	1500		8
		40	1170		12,0	1450		10
		50	1120		15,0	1410		12,50
		69	1100		18,9	1380		15,75
50	17	25	1980	65	7,5	2500	62	6,25
		32	1910		9,6	2400		8
		40	1850		12,0	2300		10
		50	1810		15,0	2250		12,50
		63	1760		18,9	2200		15,75
63	17	80	1730	82	24,0	2150	78	20
		32	3400		9,6	4200		9
		40	3200		12,0	4050		10
		50	3100		15,0	3900		12,50
		63	3000		18,9	3800		15,75
80	21	80	2900	104	24,0	3700	99	20
		100	2800		30,0	3600		25
		40	5500		12,0	6900		10
		50	5250		15,0	6600		12,50
		63	5050		18,9	6400		15,75
100	21	80	4900	130	24,0	6200	125	20
		100	4750		30,0	6000		25
		125	4650		37,5	5800		31,25
		50	9000		15,0	1300		12,50
		63	8600		18,9	10800		15,75
125	27	80	8250	160	24,0	10400	156	20
		100	8000		30,0	10000		25
		125	7600		37,5	9700		31,25
		160	7500		48,0	9500		40
		63	14200		18,9	17600		15,75
		80	13200		24,0	16800		20
		100	12800		30,0	16000		25
		125	12400		37,5	15300		31,25
		160	12000		48,0	15000		40

ELMAS EĞE TAKIMI

ÜRÜN KODU	BOY mm	KESİCİ BOY mm	Şafr mm	PAKET ADETİ
D270114060	140	60	3	10
D027016070	160	70	4	10
D270118070	180	70	5	10


ELMAS EĞE TAKIMI PVC PAKETLİ

ÜRÜN KODU	BOY mm	KESİCİ BOY mm	Şafr mm	PAKET ADETİ
D270218070	180	70	5	5

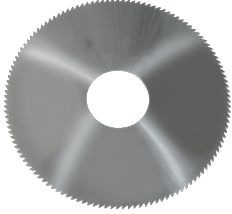

LAMA ELMAS EĞE TAKIMI TİTAN KAPLI

ÜRÜN KODU	BOY mm	KESİCİ BOY mm	Şafr mm	PAKET ADETİ
D270318070	180	70	5	10

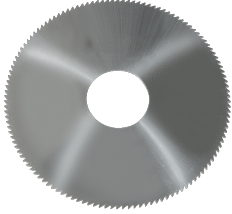

ELMAS EĞE TAKIMI

ÜRÜN KODU	BOY mm	KESİCİ BOY mm	Şafr mm	PAKET ADETİ
D270421580	215	80	5	5





ÜRÜN KODU	ÖLÇÜ mm	KALINLIK mm	GÖBEK ÇAPImm	DİŞ ADEĐİ
G10005	100	0,5	22	160
G10006	100	0,6	22	160
G10008	100	0,8	22	128
G10010	100	1,0	22	128
G10012	100	1,2	22	128
G10015	100	1,5	22	128
G10016	100	1,6	22	128
G10020	100	2,0	22	100
G10025	100	2,5	22	100
G10030	100	3,0	22	100
G10034	100	3,5	22	80
G10040	100	4,0	22	80
G10050	100	5,0	22/27	80
G10060	100	6,0	22/27	80
G12507	100	0,7	22/27	64
G12508	100	0,8	22/27	160
G12510	100	1,0	22/27	160
G12512	100	1,2	22/27	128
G12515	100	1,5	22/27	128
G12516	100	1,6	22/27	128
G12520	100	2,0	22/27	100
G12525	100	2,5	22/27	100
G12530	100	3,0	22/27	100
G12540	100	4,0	22/27	100
G12550	100	5,0	32	100
G12560	100	6,0	32	80
G16010	100	1,0	32	80
G16012	100	1,2	32	160
G16015	100	1,5	32	160
G16016	100	1,6	32	160
G16020	100	2,0	32	128
G16025	100	2,5	32	128
G16030	100	3,0	32	128
G16040	100	4,0	32	100
G16050	100	5,0	32	100
G16060	100	6,0	32	100
G20010	100	1,0	32	200
G20012	100	1,2	32	200
G20015	100	1,5	32	200
G20016	100	1,6	32	160
G20020	100	2,0	32	160
G20025	100	2,5	32	160
G20030	100	3,0	32	128
G20040	100	4,0	32	128
G20050	100	5,0	32	128
G20060	100	6,0	32	100
G25020	100	2,0	32	200
G25025	100	2,5	32	160
G25030	100	3,0	32	160



ÜRÜN KODU	ÖLÇÜ mm	KALINLIK mm	GÖBEK ÇAPImm	DİŞ ADEDİ
G4005	40	0,5	10	80
G4006	40	0,6	10	80
G4008	40	0,8	10	80
G4010	40	1,0	10	64
G4012	40	1,2	10	64
G4015	40	1,5	10	64
G4016	40	1,6	10	64
G4020	40	2,0	10	48
G4025	40	2,5	10	48
G4030	40	3,0	10	48
G5003	50	0,3	13	100
G5004	50	0,4	13	100
G5005	50	0,5	13	100
G5006	50	0,6	13	100
G5008	50	0,8	13	80
G5010	50	1,0	13	80
G5012	50	1,2	13	80
G5015	50	1,5	13	64
G5016	50	1,6	13	64
G5020	50	2,0	13	64
G5025	50	2,5	13	64
G5030	50	3,0	13	48
G6303	63	0,3	16	128
G6304	63	0,4	16	128
G6305	63	0,5	16	128
G6306	63	0,6	16	100
G6308	63	0,8	16	100
G6310	63	1,0	16	100
G6312	63	1,2	16	100
G6315	63	1,5	16	80
G6316	63	1,6	16	80
G6320	63	2,0	16	80
G6325	63	2,5	16	64
G6330	63	3,0	16	64
G6335	63	3,5	16	64
G6340	63	4,0	16	64
G6350	63	5,0	16	48
G6360	63	6,0	16	48
G8004	80	0,4	22	128
G8005	80	0,5	22	128
G8006	80	0,6	22	128
G8007	80	0,7	22	128
G8008	80	0,8	22	128
G8010	80	1,0	22	100
G8012	80	1,2	22	100
G8015	80	1,5	22	100
G8016	80	1,6	22	100
G8020	80	2,0	22	80
G8025	80	2,5	22	80
G8030	80	3,0	22	80
G8035	80	3,5	22	80
G8040	80	4,0	22	64
G8050	80	5,0	22	64
G8060	80	6,0	22	64



ÜRÜN KODU	PANTOGRAF KALEMİ HSS-C05
D12001	4x100 mm
D12002	5x100 mm
D12003	6x100 mm
D12004	8x150 mm
D12005	10x160 mm
D12006	10x200 mm
D12007	12x160 mm
D12008	12x200 mm
D12009	14x200 mm
D12010	16x200 mm
D12011	18x200 mm
D12012	20x200 mm



KÖŞE YUVARLAMA FREZESİ HSS-C05

ÜRÜN KODU	R	D	d	L	Z
D13010	1	8	10	60	4
D13015	1,5	9	10	60	4
D13020	2	10	10	60	4
D13025	2,5	10	10	60	4
D13030	3	12	12	60	4
D13035	3,5	14	12	60	4
D13040	4	14	12	60	4
D13045	4,5	16	12	60	4
D13050	5	16	12	60	4
D13055	5,5	20	16	67	4
D13060	6	20	16	67	4
D13065	6,5	22	16	71	4
D13070	7	22	16	71	4
D13075	7,5	24	16	71	4
D13080	8	24	16	71	4
D13085	8,5	28	25	85	4
D13100	10	28	25	85	4
D13120	12	34	25	90	4



SİLİNDİRİK SAPLI EL RAYBASI HSS H7

ÜRÜN KODU	ÖLÇÜ D	TAM BOY L	KESİCİ BOY I
E48030	3	62	31
E48035	3,5	71	35
E48040	4	76	38
E48045	4,5	81	41
E48050	5	87	44
E48055	5,5	93	47
E48060	6	93	47
E48070	7	107	54
E48080	8	115	58
E48090	9	124	62
E48100	10	133	66
E48110	11	142	71
E48120	12	152	76
E48130	13	152	76
E48140	14	163	81
E48150	15	163	81
E48160	16	175	87
E48170	17	175	87
E48180	18	188	93
E48190	19	188	93
E48200	20	201	100
E48210	21	201	100
E48220	22	215	107
E48230	23	215	107
E48240	24	231	115
E48250	25	231	115
E48260	26	231	115
E48270	27	247	124
E48280	28	247	124
E48300	30	247	124



SİLİNDİRİK SAPLI MAKİNA RAYBASI HSS H7

ÜRÜN KODU	ÖLÇÜ D	TAM BOY L	KESİCİ BOY I
E49030	3	61	15
E49032	3,2	65	16
E49035	3,5	70	18
E49040	4	75	19
E49045	4,5	80	21
E49050	5	86	23
E49055	5,5	93	26
E49060	6	93	26
E49070	7	109	31
E49080	8	117	33
E49090	9	125	36
E49100	10	135	38
E49110	11	142	41
E49120	12	151	44
E49130	13	151	44
E49140	14	160	47
E49150	15	162	50
E49160	16	170	52
E49170	17	175	54
E49180	18	182	56
E49190	19	189	58
E49200	20	195	60



SERT KARBÜR KALIPÇI FREZESİ

ÜRÜN KODU	D1(MM)	D2(MM)	L1(MM)	L1(MM)
A0106	1,5	3	38	6
A0106L2	1,5	3	50	6
A0106L3	1,5	3	75	6
A0211	2,5	3	38	11
A0211L2	2,5	3	50	11
A0211L3	2,5	3	75	11
A0313	3	6	60	13
A0314	3	3	38	14
A0314L2	3	3	50	14
A0314L3	3	3	75	14
A0413	4	3	38	13
A0513	5	3	38	13
A0516	5	6	50	16
A0613	6	3	50	13
A0616	6	6	60	16
A0820	8	6	65	20
A1020	10	6	65	20
A1225	12	6	69	25
A1625	16	6	69	25
A1925	19	6	69	25
A2525	20	6	69	25



BAHCO GENEL SANAYİ ÜRÜNLERİ

ÜRÜN KODU	BOY mm	KESİCİ BOY mm
B0019	1-170-04	4
B0020	1-170-06	6
B0021	1-170-08	8
B0022	1-170-10	10
B0023	1-170-12	12


BAHCO GENEL SANAYİ ÜRÜNLERİ

ÜRÜN KODU	BOY mm	KESİCİ BOY mm
B0024	1-160-04	4
B0025	1-160-06	6
B0026	1-160-08	8
B0027	1-160-10	10
B0028	1-160-12	12

BAHCO GENEL SANAYİ ÜRÜNLERİ

ÜRÜN KODU	BOY mm	KESİCİ BOY mm
B0029	1-143-06	6
B0030	1-143-08	8
B0031	1-143-10	10
B0032	1-143-12	12
B0033	1-140-14	14

BİMETAL EL TESTERE LAMASI

ÜRÜN KODU	BOY mm
B018	18,Diş
B014	24, Diş





ELMAS UÇLU SABİT PUNTA



ÜRÜN KODU	MK	D mm	L mm	MAX. SALGI
F090103	Mk3	23,825	125	0,010
F090104	Mk4	31,267	160	0,010
F090105	MK5	44,399	200	0,010

HASSAS BORU PUNTALARI



ÜRÜN KODU	MK
F0902030	MK 3X80
F0902031	MK 3X100
F0902040	MK 4X110
F0902041	MK 4X160
F0902050	MK 5X100
F0902051	MK 5X120
F0902052	MK 5X200
F0902053	MK 5X250



FERRE HASSAS DÖNER PUNTA (UZUN UÇLU) CNC

ÜRÜN KODU	MK	D mm	L mm	MAX. SALGI	L mm	MAX. SALGI	MAX. SALGI
F090303	Mk3	180	52	23,825	2000	4200	0,01
F090304	Mk4	213	58	31,267	3200	3200	0,01
F090305	MK5	273	78	44,39	3600	100	0,015



FERRE HASSAS DÖNER PUNTA

ÜRÜN KODU	MK	D mm	L mm	MAX. SALGI	L mm
F090402	Mk2	123	40	22	17,780
F090403	Mk3	156	56	28,5	23,825
F090404	Mk4	184	64	31,5	31,268
F090405	Mk5	239,5	85	45	44,399
F090406	Mk6	333,5	130	64	63,348

DÖRT AĞIZLI UZUN KABATALAŞ PARMAN FREZELER

ÜRÜN KODU	ÖLÇÜ d	KASICI BOY l	TAM BOY L	TUTUCU d1
E5406060	6	24	68	10
E5406070	7	30	80	10
E5406080	8	38	88	10
E5406090	9	38	88	10
E5406100	10	45	95	12
E5406110	11	45	102	12
E5406120	12	53	110	12
E5406130	13	53	110	12
E5406140	14	53	110	12
E5406150	15	53	110	16
E5406160	16	63	123	16
E5406170	17	63	123	16
E5406180	18	63	123	16
E5406190	19	63	123	20
E5406200	20	75	141	20
E5406210	21	75	141	20
E5406220	22	75	141	25
E5406240	24	90	166	25
E5406250	25	90	166	25
E5406260	26	90	166	25
E5406280	28	90	166	25
E5406300	30	90	166	32
E5406320	32	106	186	32
E5406340	34	106	186	32
E5406350	35	106	186	32
E5406360	36	106	186	32
E5406380	38	106	186	32
E5406400	40	106	186	32



KONİK SAPLI PARMAN FREZE DIN 845 HSS



ÜRÜN KODU	ÖLÇÜ d	KASICI BOY l	TAM BOY L	TUTUCU d1	TUTUCU d1
E5407036	36	178	4	6	35*
E5407040	40	188	4	6	35*
E5407045	45	188	4	6	35*
E5407050	50	233	5	6	35*
E5407056	56	233	5	8	35*
E5407063	63	248	5	8	35*



ÜRÜN KODU	ÖLÇÜ d	KASICI BOY l	TAM BOY L	TUTUCU d1
E5405060	6	13	57	6
E5405070	7	16	66	10
E5405080	8	19	69	10
E5405090	9	19	69	10
E5405100	10	22	72	10
E5405110	11	22	79	12
E5405120	12	26	83	12
E5405130	13	26	83	12
E5405140	14	26	83	12
E5405150	15	32	83	12
E5405160	16	32	92	16
E5405170	17	32	92	16
E5405180	18	32	92	16
E5405190	19	38	92	16
E5405200	20	38	104	20
E5405210	21	38	104	20
E5405220	22	38	104	20
E5405230	23	45	104	20
E5405240	24	45	121	25
E5405250	25	45	121	25
E5405260	26	45	121	25
E5405270	27	45	121	25
E5405280	28	45	121	25
E5405290	29	45	121	25
E5405300	30	53	121	25
E5405310	31	53	133	32
E5405320	32	53	133	32
E5405330	33	53	133	32
E5405340	34	53	133	32
E5405350	35	53	133	32
E5405360	36	53	133	32
E5405370	37	53	133	32
E5405380	38	53	133	32
E5405400	40	53	133	40
E5405420	42	53	133	40
E5405440	44	53	133	40
E5405500	50	53	133	50



T YARIK FREZE HSS-C05

ÜRÜN KODU	KESME AĞIZI	YÜZEY KISMI	TATUCUSU	BOY
D14001	10,5	2	6	50
D14002	10,5	3	10	50
D14003	13,5	3	10	56
D14004	13,5	4	10	56
D14005	16,5	3	10	56
D14006	16,5	4	10	56
D14007	16,5	5	10	56
D14008	19,5	4	10	63
D14009	19,5	5	10	63
D14010	22,5	4	10	63
D14011	22,5	5	10	63
D14012	22,5	6	10	63
D14013	25,5	6	10	63
D14014	25,5	8	10	63
D14015	28,5	6	10	63
D14016	28,5	8	10	63
D14017	32,5	10	12	71
D14018	38,5	10	12	71



T KANAL FREZE HSS-C05

ÜRÜN KODU	D	D1	b	d3	d2	L1
D15001	12	21	9	10	12	74
D15002	14	25	11	12	16	82
D15003	16	28	12	13	16	82
D15004	18	32	14	15	25	90
D15005	20	36	16	17	25	108
D15006	22	40	18	19	25	108
D15007	24	45	20	21	25	124
D15008	28	50	22	25	32	124
D15009	36	60	28	30	32	139



KIRLANGIÇ FREZESİ 45 DERECE

ÜRÜN KODU	ÖLÇÜ d	KASICI BOY l
CKF 4516	45	16
CKF 4520	45	20
CKF 4525	45	25
CKF 4532	45	32



KIRLANGIÇ FREZESİ 60 DERECE

ÜRÜN KODU	ÖLÇÜ d	KASICI BOY l
CKF 4516	45	16
CKF 4520	45	20
CKF 4525	45	25
CKF 4532	45	32

METRİK NORMAL DIŞ PAFTA HSS 6g (950)

d	P	D	E
M2	0,4	16	5
M3	0,5	20	5
M4	0,7	20	5
M5	0,8	20	5
M6	1	20	7
M7	1	25	9
M8	1,25	25	9
M9	1,25	25	9
M10	1,5	30	11
M12	1,75	38	14
M14	2	38	14
M16	2	45	18
M18	2,5	45	18
M20	2,5	45	18
M22	2,5	55	22
M24	3	55	22
M27	3	65	25
M30	3,5	65	25
M33	3,5	65	25
M36	4	65	25



METRİK İNCE DIŞ PAFTA HSS 6g (950)

d	P	D	E
M4,5	0,5	20	5
M5	0,5	20	5
M6	0,75	20	7
M8	0,75	25	9
M10	1	25	9
M10	1	30	11
M12	1,25	30	11
M12	1	38	10
M12	1,25	38	10
M14	1,5	38	10
M14	1	38	10
M14	1,25	38	10
M15	1,5	38	10
M16	1	38	10
M16	1	45	14
M18	1,5	45	14
M18	1	45	14
M20	1,5	45	14
M20	2	45	13
M20	1	45	14
M22	1,5	55	14
M22	2	55	15
M22	1,5	55	16
M24	2	55	16
M24	2	55	18
M27	1,5	65	18
M30	2	65	18
M33	1,5	65	18
M36	1,5	65	18



GAZ DIŞ PAFTA HSS (9502)

d	P	D	E
G1/8"	28	30	11
G1/4"	19	38	10
G3/8"	19	45	14
G1/2"	14	45	14
G5/8"	14	55	16
G3/4"	14	55	16
G7/8"	14	65	18
G1"	11	65	18
G1 1/8"	11	75	20
G1 1/4"	11	75	20
G1 1/2"	11	90	22
G1 3/4"	11	105	22
G2"	11	105	23

Lütfen kataloğumuzda bulunmayan ölçüler için firmamızı arayın.

METRİK ISO VİDALAR DIN 13	
ANMA ÇAPI	MATKAP ÇAPI mm
M1x0,25	0,75
M1,1x0,25	0,85
M1,2x0,25	0,95
M1,4x0,3	1,1
M1,6x0,35	1,25
M1,7x0,36	1,3
M1,8x0,35	1,45
M2x0,4	1,6
M2,2x0,45	1,75
M2,3x0,45	1,9
M2,5x0,45	2,05
M2,6x0,45	2,1
M3x0,5	2,5
M35x0,6	2,9
M4x0,7	3,3
M4,5x0,75	3,7
M5x0,8	4,2
M5,5x0,9	4,6
M6x1	5
M7x1	6
M8x1,25	6,8
M9x1,25	7,8
M10x1,5	8,5
M11x1,5	9,5
M12x1,75	10,2
M14x2	12
M16x2	14
M18x2,5	15,5
M20x2,5	17,5
M22x2,5	19,5
M24x3	21
M27x3	24
M30x3,5	26,5
M33x3,5	29,5
M36x4	32
M39x4	35
M42x4,5	37,5
M45x4,5	40,5
M48x5	46
M52x5	47

METRİK ISO VİDALAR DIN 13	
ANMA ÇAPI	MATKAP ÇAPI mm
M4x0,35	3,6
M4x0,5	3,5
M5x0,5	4,5
M5x0,5	5,5
M6x0,75	5,25
M7x0,75	6,25
M8x0,5	7,5
M8x0,75	7,25
M8x1	7
M9x1	8
M10x0,75	9,25
M10x1	9
M10x1,25	8,8
M11x1	10
M12x0,75	11,25
M12x1	11
M12x1,5	10,5
M13x1	12
M14x1	13
M14x1,25	12,8
M14x1,5	12,5
M16x1	15
M16x1,5	14,5
M18x1	17
M18x2	16
M20x1	19
M20x1,5	18,5
M20x2	18
M22x1	21
M22x1,5	20,5
M22x2	20
M24x1,5	22,5
M24x2	22
M25x1,5	23,5
M26x1,5	24,5
M27x1,5	25,5
M27x2	25
M28x1,5	25,5
M30x1,5	28,5
M30x2	28

METRİK ISO VİDALAR DIN 13	
ANMA ÇAPI INCH	MATKAP ÇAPI mm
W1/16	1,15
W1/8	2,55
W3/16	3,7
W1/4	5,1
W5/16	6,5
W3/8	7,9
W7/16	9,3
W1/2	10,5
W9/16	12,1
W5/8	13,5
W11/16	15
W3/4	16,25
W13/16	18
W7/8	19,25
W15/16	21
W1	22
W1 1/8	24,75
W1 1/4	28
W1 3/8	30
W1 1/2	33,5
W1 5/8	35,5
W1 3/4	39
W1 7/8	41,5
W2	44,5

KABA VİDA UNC - NC	
ANMA ÇAPI INCH	MATKAP ÇAPI mm
UNC Nr.1	1,55
UNC Nr.2	1,85
UNC Nr.3	2,1
UNC Nr.4	2,35
UNC Nr.5	2,65
UNC Nr.6	2,85
UNC Nr.8	3,45
UNC Nr.10	3,9
UNC Nr.12	4,5
UNC 1/4"	5,2
UNC 5/16"	6,6
UNC 3/8"	8,0
UNC 7/16"	9,4
UNC 1/2"	10,8
UNC 9/16"	12,2
UNC 5/8"	13,5
UNC 3/4"	16,5
UNC 7/8"	19,5
UNC 1"	22,25
UNC 1 1/8	25,0
UNC 1 1/4"	28,0
UNC 1 1/2"	34,0

İNCE VİDA UNF - NF	
ANMA ÇAPI INCH	MATKAP ÇAPI mm
UNF Nr.0	1,25
UNF Nr.1	1,55
UNF Nr.2	1,9
UNF Nr.3	2,15
UNF Nr.4	2,4
UNF Nr.5	2,7
UNF Nr.6	2,95
UNF Nr.8	3,5
UNF Nr.10	4,1
UNF Nr.12	4,7
UNF 1/4"	5,5
UNF 5/16"	6,9
UNF 3/8"	8,5
UNF 7/16"	9,9
UNF 1/2"	11,5
UNF 9/16"	12,9
UNF 5/8"	14,5
UNF 3/4"	17,5
UNF 7/8"	20,5
UNF 1"	23,25
UNF 1 1/8"	26,5
UNF 1 1/4"	29,5
UNF 1 1/2"	36,0

İNCE VİDA UNF - NF	
ANMA ÇAPI INCH	MATKAP ÇAPI mm
G1/8	8,8
G1/4	11,8
G3/8	15,25
G1/2	19,0
G5/8	21,0
G3/4	24,5
G7/8	28,25
G1	30,75
G1 1/8	35,5
G1 1/4	39,0
G1 3/8	42,5
G1 1/2	45,5
G1 3/4	51,0
G2	57,0
G2 1/4	63,0
G2 1/2	72,5
G2 3/4	79,0
G3	85,5
G3 1/4	91,5
G3 1/2	98,0
G3 3/4	104,0
G4	110,4

Lütfen kataloğumuzda bulunmayan ölçüler için firmamızı arayın.





Takma Uçlu Kanal Freze



Takma Uçlu Kanal Freze



Pah Kırma



Pah Kırma



Udril



Udril



Udril



Udril



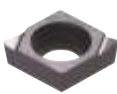
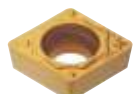
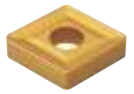
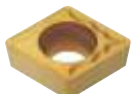
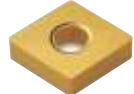
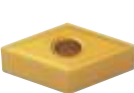
Takma Uçlu T Freze



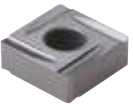
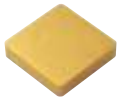
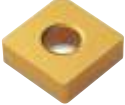
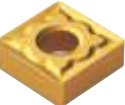
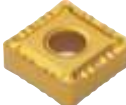
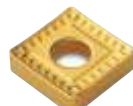
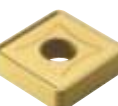
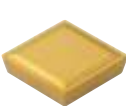
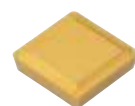
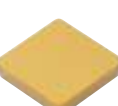
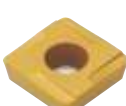
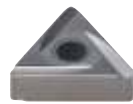
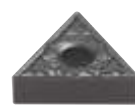
Lütfen kataloğumuzda bulunmayan ölçüler için firmamızı arayın.

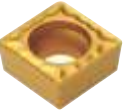
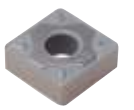
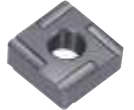
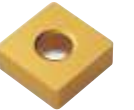
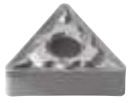
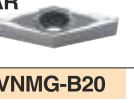
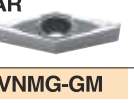
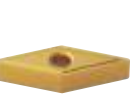


Lütfen kataloğumuzda bulunmayan ölçüler için firmamızı arayın.

CCET  0602 09T3 1204	CCGT AK  AR  0602 09T3 1204	CPMT-VF  0602 09T3 1204	CCGT-HFP  0602 09T3 1204	CNMM-HH  0602 09T3 1204	CPGT-C05  0602 09T3 1204
CCMT-C25  0602 09T3 1204	CCMT-HMP  0602 09T3 1204	CNG(M)G-HU  1204 1906	CNMA  1204 1906	DCMT-C25  0702 11T3	DCMT-HMP  0702 11T3
CNMG-B20  1204 1906	CNMG-B25  1204 1906	CNMG-GF  1204 1906	CNMG-GM  1204 1906	DNMG-B20  1104 1506 1906	DNMG-B25  1104 1506 1906
CNMG-GR  1204 1906 CNMM	CNMG-GS  1204 1906	CNMG(M)-HA  1204 1906	CNMG-HC  1204 1906	DNMG-GR  1104 1506 1906	DNMG-GS  1104 1506 1906
CNMG-HR  1204 1906	CNMG-HS  1204 1906	CNMG-LW  1204 1906	CNMG-VF  1204 1906	DNMG-HR  1104 1506 1906	DNMG-HS  1104 1506 1906
CNMG-VG  1204 1906	CNMG-VL  1204 1906	CNMG-VM  1204 1906	CNMG-VQ  1204 1906	DNMG-VG  1104 1506 1906	DNMG-VL  1104 1506 1906
CNMG-VW  1204 1906	CNMM-GH  1204 1906	CNMM-VH  1204 1906	CNMM-VT  1204 1906	DNMG-VW  1204 1906	DNMP  1204 1906
CPGT  0602 09T3 1204	DCGT AK  AR  0702 11T3	DNG(M)G-HU  1104 1506 1906 DNMG	DNMA  1104 1506 1906	DNMG-GM  1104 1506 1906	DNMG-GF  1104 1506 1906
DNMG-HA  1104 1506 1906	DNMG-HC  1104 1506 1906	DNMG-LW  1104 1506 1906	DNMG-VF  1104 1506 1906	DNMG-VM  1104 1506 1906	DNMG-VQ  1104 1506 1906
KNUX  1604	RCGT AK  AR  1204 1906	RCMX  0602 0803 1003 1204	RNMG-B25  0602 0803 1003 1204	RPMT  0602 0803 1003 1204	SCGT AK  AR  09T3 1204



SNGG SNPR/L*  0903 1204 1506 1906	SNGN  1903 1203 1504 1904	SNMA  1903 1203 1504 1904	SNMG-B20  1204 1504 1906	SNMG-B25  1204 1504 1906	SNMG-GF  1204
SNMG(M)-GM  1903 1203 1504 1904 SNMM	SNMG(M)-GR  1903 1203 1504 1904	SNMG-GS  1903 1203 1504 1904	SNMG(M)-HA  1903 1203 1504 1904	SNMG-HC  1903 1203 1504 1904	SNMG-HR  1903 1203 1504 1904
SNMG-HS  1903 1203 1504 1904	SNMG-VF  1903 1203 1504 1904	SNMG-VG  1903 1203 1504 1904	SNMG-VL  1903 1203 1504 1904	SNMG-VM  1903 1203 1504 1904	SNMG-VQ  1903 1203 1504 1904
SNMM-GH  1204 1506 1906 2507	SNMM-VH  1204 1506 1906 2507	SNMM-VT  1204 1506 1906 2507	SNMN  1204 1506 1906 2507	SPG(M)R-F  0903 1203 1504	SPG(M)R-M  0903 1203 1504
SPGA(-Z)  0602 0903	SPGN  0702 0903 1203 1504 1904	SPGT-C05  0903	SPGT  0903	SPMT-VF  0603 0903	TBGT  0601
TCGT AK  0902 1102 16T3 AR 	TCGT-HFP  0902 1102 16T3	TCMT-C25  0902 1102 16T3	TCMT-HMP  0902 1102 16T3	TNG(M)G-HU  1604	TNGA TNPA*  0902 1103 1604 2204
TNGG TNPR/L*  1103 1603 2204	TNGN  1103 1603 2204	TNMA  1103 1604 2204	TNMG-B20  1103 1604 2204	TNMG-B25  1103 1604 2204	TNMG-GF  1103 1604 2204
TNMG(M)-GM  1103 1604 2204	TNMG(M)-GR  1103 1604 2204	TNMG-GS  1103 1604 2204	TNMG-HA  1103 1604 2204	TNMG-HC  0602 0803 1003 1204	TNMG-HR  0602 0803 1003 1204
TNMG-HS  0602 0803 1003 1204	TNMG-LW  0602 0803 1003 1204	TNMG-VF  0602 0803 1003 1204	TNMG-VG  0602 0803 1003 1204	TNMG-VL  0602 0803 1003 1204	TNMG(M)-VM  0602 0803 1003 1204

SCGT-HFP 09T3 1204 	SCMT-C25 09T3 1204 	SCMT-HMP 09T3 1204 	SNG(M)G-HU 1204 	SNG(M)X 1204 	SNGA SNPA* 0903 1204 1506 1906 
TNMG-VQ 0602 0803 1003 1204 	TNMG-VW 0602 0803 1003 1204 	TNMN 0602 0803 1003 1204 	TNMX 0602 0803 1003 1204 	TOEH 0601 0902 1403 	TPG(M)R-F 1103 1603 
TPG(M)R-M 1103 1603 	TPGN 1103 1603 2204 	TPGT-C05 1103 1604 	TPGT-HFP 1103 1604 	TPGT 1103 1604 	TPMT-VF 1103 1604 
VBG(M) T 1604 	VBGT AK AR 1103 1604  	VBMT-HMP 1103 1604 	VCGT AK AR 1103 1604  	VCGT-HFP 1103 1604 	VCMT-HMP 1604 
VNGG-HA 1604 	VNMG-B20 1604 2204 	VNMG-GF 1604 	VNMG-GM 1604 	VNMG-HS 1604 	VNMG-VF 1604 
VNMG-VG 1604 	VNMG-VL 1604 	VNMG-VM 1604 	VNMG-VQ 1604 	VNMP 1604 	WBGT 020102 
WNMA 0604 0804 	WNM(M)G-B25 0604 0804 	WNMG-GM 0604 0804 	WNMG-GR 0604 0804 	WNMG-GS 0604 0804 	WNMG-HA 0604 0804 
WNMG-HC 0604 0804 	WNMG-HR 0604 0804 	WNMG-HS 0604 0804 	WNMG-LW 0604 0804 	WNMG-VF 0604 0804 	WNMG-VG 0604 0804 
WNMG-VQ 0604 0804 	WNMG-VW 0604 0804 	WNMG-VL 0604 0804 	WNMG-VM 0604 0804 		

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