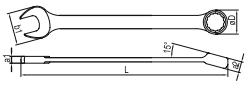
0350

Kombine Anahtar (mm)
Combination Wrench (mm)

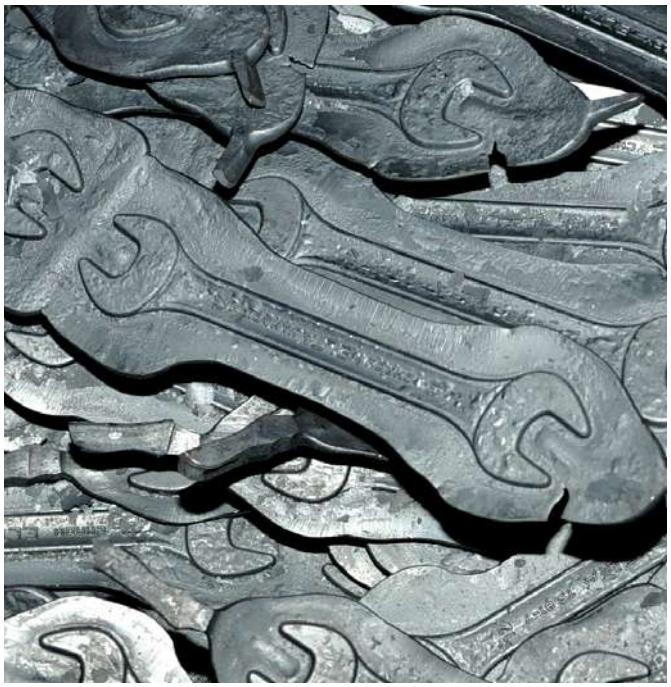
TS 3794
TS ISO 7738 Form A
DIN 3113





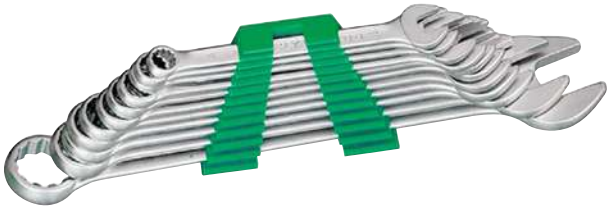
Krom vanadyum, Krom kaplı
Chrom vanadium, Chrom plated

KOD CODE	mm	L mm	a1 mm	a2 mm	b1 mm	øD mm	g		TL/ Ad.
0350 02 0006	6	95	3.1	5.1	13.5	10	10	10	134,00
0350 02 0007	7	104	3.3	5.5	15.5	11.5	15	10	142,00
0350 02 0008	8	112	3.7	5.9	17.5	13	20	10	153,00
0350 02 0009	9	121	3.9	6.3	19.5	14	25	10	158,00
0350 02 0010	10	130	4.3	6.9	21.5	15.5	30	10	179,00
0350 02 0011	11	138	4.5	7.3	23.5	16.5	35	10	185,00
0350 02 0012	12	146	4.9	7.7	25.5	18	45	10	196,00
0350 02 0013	13	154	5.1	8.1	27.5	19	50	10	199,00
0350 02 0014	14	163	5.5	8.7	29.5	21.5	60	10	215,00
0350 02 0015	15	171	5.7	9.1	31.5	22	70	10	229,00
0350 02 0016	16	180	6.1	9.5	33.5	23	85	10	246,00
0350 02 0017	17	189	6.3	9.9	35.5	25	90	10	264,00
0350 02 0018	18	200	6.7	10.4	37.5	26.5	110	10	292,00
0350 02 0019	19	211	6.9	11	39.5	28	125	10	308,00
0350 02 0020	20	222	7.3	11.4	41.5	29.5	140	10	314,00
0350 02 0021	21	235	7.3	11.4	43.5	31	160	10	362,00
0350 02 0022	22	250	8.1	12.6	45.5	32.5	195	10	414,00
0350 02 0024	24	270	8.7	13.6	49.5	36	245	5	507,00
0350 02 0027	27	300	9.6	14.8	55.5	40	335	5	596,00
0350 02 0030	30	330	10.2	15.8	61.5	44.5	430	5	684,00
0350 02 0032	32	350	10.4	16.2	65.5	47	485	5	716,00



0350

Kombine Anahtar Takımı (mm)
Combination Wrench Set (mm)

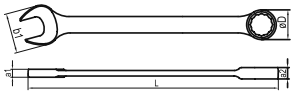


KOD CODE	İÇERİK CONTENTS	g		TL/Ad.
0350 00 2108	6 - 7 - 8 - 9 - 10 - 13 17 - 19	395	8	1.534,00
0350 00 2112	8 - 9 - 10 - 11 - 12 13 - 14 - 15 - 16 17 - 19 - 22	855	12	2.741,00
0350 00 2117	6 - 7 - 8 - 9 - 10 11 - 12 - 13 - 14 15 - 16 - 17 - 18 19 - 20 - 21 - 22	1300	17	3.983,00
0350 00 2121	6 - 7 - 8 - 9 - 10 11 - 12 - 13 - 14 15 - 16 - 17 - 18 19 - 20 - 21 - 22 24 - 27 - 30 - 32	2810	21	6.485,00

Cırcır Kombine Anahtar (mm)
Combination Wrench With Ratchet (mm)

YENİ NEW





Krom vanadyum
Chrom vanadium

KOD CODE	mm	L mm	a1 mm	a2 mm	b1 mm	øD mm	g		TL/Ad.
14000 000016	8	140	5.3	7.2	18	18.3	33	10	172,00
14000 000018	10	158	6	7.8	22	21.5	58	10	197,00
14000 000020	12	170	6.5	8.8	26	25	76	10	243,00
14000 006149	13	180	6.8	9.1	28	26.4	90	10	285,00
14000 000021	14	190	7.2	9.4	30.8	28	199	10	328,00
14000 000022	15	200	7.5	9.8	33	30	120	10	407,00
14000 000024	17	225	8.1	10.5	37	33	169	10	527,00
14000 000026	19	245	8.8	11.2	40.8	36.5	225	10	591,00



14000 006150

Cırcır Kombine Anahtar Takımı (8 parça, mm)
Combination Wrench With Ratchet, Set (8 pcs, mm)

YENİ NEW



Krom vanadyum
Chrom vanadium

KOD CODE	İÇERİK CONTENTS	g		TL/Ad.
14000 006150	8 - 10 - 12 - 13 14 - 15 - 17 - 19	1000	1	3.171,00

0450

Yıldız İki Ağız Anahtar (mm)
Double Ended Ring Wrench (mm)

TS 3794
TS ISO 10104 Form B
DIN 838

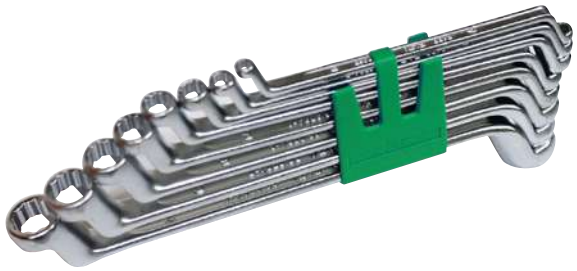


Krom vanadyum, Krom kaplı
Chrom vanadium, Chrom plated

KOD CODE	mm	L mm	a1 mm	a2 mm	b1 mm	b2 mm	g		TL/Ad.
0450 03 0607	6x7	140	4.8	5.2	11	12	30	10	229,00
0450 03 0809	8x9	158	5.4	5.8	13.5	14.5	45	10	232,00
0450 03 1011	10x11	175	6	6.4	16	17.5	60	10	257,00
0450 03 1213	12x13	193	6.6	7.1	19	20	80	10	290,00
0450 03 1415	14x15	210	7.7	8.1	21.5	23.5	110	10	304,00
0450 03 1617	16x17	230	9.2	9.6	25.5	26.5	150	10	345,00
0450 03 1819	18x19	246	10.2	10.6	27.5	29.5	185	10	411,00
0450 03 2022	20x22	280	11.2	11.8	31	34	265	5	449,00
0450 03 2123	21x23	284	11.4	12.2	32.5	35	315	5	515,00
0450 03 2426	24x26	300	12.6	13.2	37	39	395	5	600,00
0450 03 2528	25x28	314	13.6	14.2	38	42	455	5	657,00
0450 03 2732	27x32	329	14.8	15.2	41	49	565	5	723,00

0450

Yıldız İki Ağız Anahtar Takımı (mm)
Double Ended Ring Wrench Set (mm)



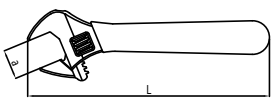
KOD CODE	İÇERİK CONTENTS	g		TL/Ad.
0450 00 2108	6x7 - 8x9 - 10x11 12x13 - 14x15 - 16x17 18x19 - 20x22	1120	8	2.516,00
0450 00 2112	6x7 - 8x9 - 10x11 12x13 - 14x15 - 16x17 18x19 - 20x22 - 21x23 24x26 - 25x28 - 27x32	2710	12	5.009,00

0601

Kurbağacık Anahtar
Adjustable Wrench

TS ISO 6787





Özel alaşımlı çelik, Krom kaplı, PVC izoleli
Special steel, Chrom plated, PVC Insulated

KOD CODE	L mm	L inch	a mm	g		TL/Ad.
0601 01 0008	206	8"	24	265	5	786,00
0601 01 0010	256	10"	27	400	5	1.180,00
0601 01 0012	306	12"	34	650	5	1.560,00

14000 005078

1/4" Cırcır Lokma Anahtar & Bits Set (38 parça, mm)
Socket Wrench& Bits Set (38 Pcs, mm)



1/4"

KOD CODE	LOKMALAR Sockets	AVADANLIKLAR Accessories	g		TL/Ad.
14000 005078	5 - 5.5 - 6 - 7 - 8 9 - 10 - 11 - 12 13 - 14 Altı Köşe Lokma Anahtar Six Points	1/4" Cırcır kolu Ratchet Handle 1/4" Mafsal Universal Joint 1/4" Ara Kol Extension Bar 50 -100 mm 1/4" Derin Lokma Tornavida Adaptörü Spindle Handle SL3 - SL4 - SL5 SL6 PH1 - PH2 - PH3 PH4 PZ1 - PZ2 - PZ3 H3 - H4 - H5 - H6 T10 - T15 - T20 T25 - T27 - T30 T40	790	38	4.431,00

14000 005080

Adaptörlü Bits Uç Set (71 Parça)
Bits Set (71 Pcs)



KOD CODE	AVADANLIKLAR Accessories	g		TL/Ad.
14000 005080	Universal Bits Adaptörü Universal Bits Adapter Hızlı Değiştirme Bits Adaptörü Quick Change Bits Adapter SL4 - SL6 (75 mm) SL4 - SL6 (25 mm) PH1 - PH2 - PH3 (75 mm) PH1 - PH2 - PH3 (25 mm) PZ1 - PZ2 (75 mm) PZ1 - PZ2 - PZ3 (25 mm) H2 - H2.5 - H3 - H4 - H5 H8 (25 mm) T20 - T25 (75mm) T10 - T15 - T20 - T25 -T27 T30 - T40 (25mm)	750	71	4.061,00

14000 005079

1/4" Cırcır Lokma Anahtar & Bits Set (23 parça, mm)
Socket Wrench & Bits Set (23 Pcs, mm)



1/4"

KOD CODE	LOKMALAR Sockets	AVADANLIKLAR Accessories	g		TL/Ad.
14000 005079	5 - 6 - 7 - 8 10 - 12 - 13 Altı Köşe Lokma Anahtar Six Points	1/4" Bits / Lokma Tutucu Cırcır Kolu 1/4" Ara Kol Extension Bar 50 mm Hızlı Değiştirme Bits Adaptörü SL4 - SL6 PH1 - PH2 H4 - H5 - H6 T15 - T20 - T25 T27 - T30 - T40	430	23	4.431,00

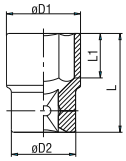
Havalı aletler ile kullanmayınız / Do not use with power-tools

1115

1/2" Altı Köşe Lokma Anahtar (mm)
Socket Wrench 6 Points (mm)

TS ISO 2725-1
DIN 3124





1/2"

Krom vanadyum, Krom kaplı
Chrom vanadium, Chrom plated

KOD CODE	mm	ø D1 mm	ø D2 mm	L mm	L1 mm	g		TL/ Ad.
1115 06 0010	10	15.4	22	38	8	50	10	169,00
1115 06 0011	11	16.6	22	38	8	50	10	169,00
1115 06 0012	12	17.9	22	38	9	50	10	169,00
1115 06 0013	13	19	22	38	10	50	10	175,00
1115 06 0014	14	20.4	22	38	11	55	10	175,00
1115 06 0015	15	21.6	22	38	11	55	10	175,00
1115 06 0016	16	22.9	22	38	11	60	10	182,00
1115 06 0017	17	24.1	22	38	12	600	10	182,00
1115 06 0018	18	25.4	23	38	13	70	10	182,00
1115 06 0019	19	26.6	23	38	13	70	10	196,00
1115 06 0021	21	29.2	24	38	13	80	5	196,00
1115 06 0022	22	30.4	26	38	15	95	5	196,00
1115 06 0023	23	31.2	28	38	15	100	5	213,00
1115 06 0024	24	33	28	38	17	115	5	213,00
1115 06 0026	26	34	30	42	17	130	5	238,00
1115 06 0027	27	36.6	30	42	19	155	5	271,00
1115 06 0028	28	37.5	30	42	20	140	5	285,00
1115 06 0030	30	40	32	44	21	190	5	285,00
1115 06 0032	32	43	34	44	23	220	5	306,00

1514

1/2" Ara Kol
Extension Bar

TS ISO 1174-1
TS ISO 3316
DIN 3123



1/2"

Krom vanadyum, Krom kaplı
Chrom vanadium, Chrom plated

KOD CODE	L mm	g		TL/ Ad.
1514 06 4125	125	220	5	337,00
1514 06 4250	250	425	5	584,00

1514 06 4065

1/2" Mafsal
Universal Joint

TS ISO 1174-1
TS ISO 3316
DIN 3123



1/2"

Krom vanadyum, Krom kaplı
Chrom vanadium, Chrom plated

KOD CODE	L mm	g		TL/Ad.
1514 06 4065	65	150	5	449,00

1514 06 6250

1/2" T Kol Adaptörü
Adapter



1/2"

Krom vanadyum, Krom kaplı
Chrom vanadium, Chrom plated

KOD CODE	inch	g		TL/Ad.
1514 06 6250	3/8"Fx1/2"M	75	5	369,00

Havalı aletler ile kullanmayınız / Do not use with power-tools

1514 06 5250

1/2" Cırcır Kolu (32 Diş)
Ratchet Handle (32 Teeth)

TS ISO 3315
DIN 3122



1/2"

Krom vanadyum, Krom kaplı
Chrom vanadium, Chrom plated

KOD CODE	L mm	g		TL/Ad.
1514 06 5250	250	540	5	1.366,00

1115 00 2017

1/2" Altı Köşe Lokma Anahtar Takımı (17 Parça, mm)
Socket Wrench Set 6 Points (17 pcs, mm)



1/2"

KOD CODE	LOKMALAR Sockets	AVADANLIKLAR Accessories	g		TL/Ad.
1115 00 2017	10 - 11 - 12 13 - 14 - 15 17 - 19 - 22 24 - 27 - 30 32	1/2" Cırcır Kolu Ratchet Handle 1/2" T Kol Adaptör Sliding T Handle Adapter 1/2" Mafsal Universal Joint 1/2" Ara Kol Extension Bar 250 mm	2485	17	5.445,00

1115 00 2024

1/2" Altı Köşe Lokma Anahtar Takımı (24 Parça, mm)
Socket Wrench Set 6 Points (24 pcs, mm)



1/2"

KOD CODE	LOKMALAR Sockets	AVADANLIKLAR Accessories	g		TL/Ad.
1115 00 2024	10 - 11 - 12 13 - 14 -15 16 - 17 -18 19 - 21 - 22 23 - 24 - 26 27 - 28 - 30 - 32	1/2" Cırcır Kolu Ratchet Handle 1/2" Mafsal Universal Joint 1/2" T Kol Adaptör Sliding T Handle Adapter 1/2" Ara Kol Extension Bar 125 mm 1/2" Ara Kol Extension Bar 250 mm	4335	24	7.075,00

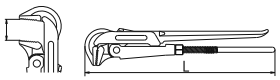
Havalı aletler ile kullanmayınız / Do not use with power-tools

2203

Maşalı Boru Anahtarı (85⁰)
Pipe Wrench (85 ⁰)

TS 3796
DIN 5234





Krom vanadyum, Dişler induksiyonda sertleştirilmiş, Elektrostatik boyanmış
Chrom vanadium, Teeth induction hardened, Electrostatically painted

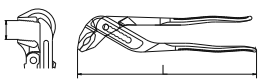
KOD CODE	L mm	mm	inch	g		TL/Ad.
2203 10 0010	325	40	1"	800	1	1.344,00
2203 10 0015	430	60	1 1/2"	1405	1	2.110,00
2203 10 0020	585	70	2"	2450	1	3.144,00

2401 11 0240

Fort Pense
Waterpump Pliers

TS 60
TS ISO 8976
DIN 8976





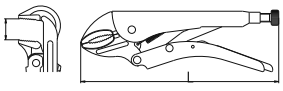
Nikel kaplı, PVC izoleli
Nickel plated, PVC Insulated

KOD CODE	L mm	L inch	mm	g		TL/Ad.
2401 11 0240	240	9 1/2"	35	385	5	1.270,00

2509 11 0225

Ayarlı Pense
Grip





Nikel kaplama, Kullanım sahası: Yuvarlak ve düz malzemeler
Nickel plated, Applicatation field: Flat and round materials

KOD CODE	L mm	L inch	mm	g		TL/Ad.
2509 11 0225	225	9"	30	475	5	1.225,00

3021

Kombine Pense Opak Seri
Combination Pliers

TS 60
DIN ISO 5746



Özel alaşımlı çelik, Kesici ağızlar indüksiyonda sertleştirilmiş, PVC saplı
Special steel, Cutters induction hardened, PVC handle

KOD CODE	L mm	L inch	g	❐	TL/Ad.
3021 12 1160	160	6 1/4"	200	5	657,00
3021 12 1180	180	7 1/8"	260	5	805,00
3021 12 1200	200	8"	320	5	979,00

Kombine Pense Ergonomik
Combination Pliers Ergonomic

YENİ NEW



Özel alaşımlı çelik, Kesici ağızlar indüksiyonda sertleştirilmiş, İki komponent saplı
Special steel, Cutters induction hardened, Two components handle

KOD CODE	L mm	L inch	g	❐	TL/Ad.
14000 006248	160	6"	215	5	657,00
14000 006251	180	7"	255	5	805,00
14000 006254	200	8"	335	5	979,00

3221

Kargaburun Düz Uçlu Opak Seri
Long Nose Pliers (Flat)

TS 60
TS ISO 5745



Özel alaşımlı çelik, Kesici ağızlar indüksiyonda sertleştirilmiş, PVC saplı
Special steel, Cutters induction hardened, PVC handle

KOD CODE	L mm	L inch	g	❐	TL/Ad.
3221 13 1160	160	6 1/4"	145	5	713,00
3221 13 1200	200	8"	200	5	817,00

Kargaburun Düz Uçlu Ergonomik
Long Nose Pliers (Flat) Ergonomic

YENİ NEW



Özel alaşımlı çelik, Kesici ağızlar indüksiyonda sertleştirilmiş, İki komponent saplı
Special steel, Cutters induction hardened, Two components handle

KOD CODE	L mm	L inch	g	❐	TL/Ad.
14000 006250	160	6"	150	5	713,00
14000 006253	200	8"	200	5	817,00

3701

Yan Keski Opak Seri
Side Cutting Pliers

TS 60
TS ISO 5749
DIN 5749



Özel alaşımlı çelik, Kesici ağızlar indüksiyonda sertleştirilmiş, PVC saplı
Special steel, Cutters induction hardened, PVC handle

KOD CODE	L mm	L inch	g	❐	TL/Ad.
3701 16 1140	140	5 1/2"	150	5	625,00
3701 16 1160	160	6 1/4"	205	5	734,00

Yan Keski Ergonomik
Side Cutting Pliers Ergonomic

YENİ NEW



Özel alaşımlı çelik, Kesici ağızlar indüksiyonda sertleştirilmiş, İki komponent saplı
Special steel, Cutters induction hardened, Two components handle

KOD CODE	L mm	L inch	g	❐	TL/Ad.
14000 006249	140	5"	180	5	625,00
14000 006252	160	6"	215	5	734,00

3801

Kerpeten
Carpenter Pincers

TS 60
TS ISO 9243
DIN ISO 9243



Özel alaşımlı çelik, Kesici ağızlar indüksiyonda sertleştirilmiş, Vernikli, PVC izoleli
Special steel, Cutters induction hardened, Lacquered, PVC Insulated

KOD CODE	L mm	L inch	g		TL/Ad.
3801 15 0160	160	6 1/4"	250	5	715,00
3801 15 0180	180	7 1/8"	255	5	772,00
3801 15 0200	200	8"	335	5	964,00

3832

Betoncu Kerpeteni
Tower Pincers

TS 60
TS ISO 9242
DIN ISO 9242



Özel alaşımlı çelik, Kesici ağızlar indüksiyonda sertleştirilmiş, Vernikli, PVC izoleli
Special steel, Cutters induction hardened, Lacquered, PVC insulated

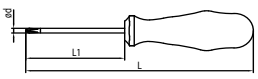
KOD CODE	L mm	L inch	g		TL/Ad.
3832 15 0225	225	9"	355	5	920,00
3832 15 0250	250	10"	395	5	1.047,00
3832 15 0280	280	11"	400	5	1.256,00

4170 17 0680

Değişken Uçlu Tornavida
Screwdriver - Reversible

TSEK





Krom vanadyum, Krom kaplı, PP saplı
Chrom vanadium, Chrom plated, PP handle

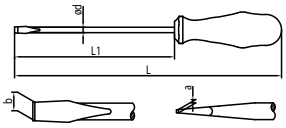
KOD CODE	øDxL1 mm	axb mm		L mm	g		TL/Ad.
4170 17 0680	6x80	1.2x6	Ph2	180	65	10	270,00

4150

Opak Seri Düz Uçlu Tornavida
Screwdriver, Opak, Flat

TS ISO 2380 - 1
DIN ISO 2380-1





Krom vanadyum, Krom kaplı, PP saplı
Chrom vanadium, Chrom plated, PP handle

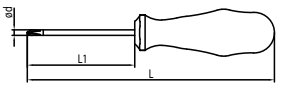
KOD CODE	øDxL1 mm	a mm	b mm	L mm	g		TL/Ad.
4150 17 0380	3x80	0.5	3	150	20	10	119,00
4150 17 0480	4x80	0.8	4	170	35	10	136,00
4150 17 4100	4x100	0.8	4	190	35	10	145,00
4150 17 5100	5x100	1.0	5.5	200	55	10	174,00
4150 17 5125	5x125	1.0	5.5	225	60	10	201,00
4150 17 6100	6x100	1.2	6.5	200	65	10	182,00
4150 17 6125	6x125	1.2	6.5	225	70	10	205,00
4150 17 6150	6x150	1.2	6.5	250	75	10	227,00
4150 17 7150	7x150	1.2	8	260	100	10	265,00
4150 17 8175	8x175	1.6	10	285	130	10	320,00

4170

Opak Seri Yıldız Uçlu Tornavida
Screwdriver, Opak Phillips

TS 59 - 5 ISO 8764
DIN ISO 8764





Krom vanadyum, Krom kaplı, PP saplı
Chrom vanadium, Chrom plated, PP handle

KOD CODE	øDxL1 mm		L mm	g		TL/Ad.
4170 18 0360	3x60	Ph0	130	20	10	133,00
4170 18 4580	4.5x80	Ph1	170	40	10	179,00
4170 18 6100	6x100	Ph2	200	65	10	215,00
4170 18 8150	8x150	Ph3	260	120	10	404,00

4150 00 8106

Opak Seri Tornavida Seti (6 parça)
Screwdriver Set, Opak (6 Pcs)



KOD CODE	İÇERİK CONTENTS	g		TL/Ad.
4150 00 8106	4x80 - 5x100 - 6x125 7x150 **Düz uçlu** / Flat 4.5x80 - 6x100 **Yıldız uçlu** / Phillips	510	6	1.171,00

4150 00 8107

Opak Seri Tornavida Seti (7 parça)
Screwdriver Set, Opak (7 Pcs)



KOD CODE	İÇERİK CONTENTS	g		TL/Ad.
4150 00 8107	3x80 - 4x100 - 5x125 6x150 - 8x175 **Düz uçlu** / Flat 4.5x80 - 6x100 **Yıldız uçlu** / Phillips	575	7	1.403,00

★ Stoklarla Sınırlıdır / It is Limited by Stocks.

4908

Allen Anahtar Altı Köşe Standart Boy (mm)
Hex Key Wrench Standard Size (mm)

TS ISO 2936
DIN ISO 2936

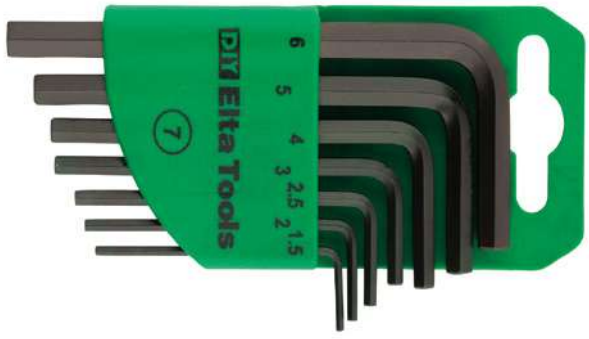


Krom vanadyum, Siyah Oksit Kaplı
Chrom vanadium, Black finish

KOD CODE	mm	L mm	L1 mm	g		TL/Ad.
4908 22 0015	1.5	45	14	5	10	18,00
4908 22 0020	2	50	16	5	10	23,00
4908 22 0025	2.5	56	18	5	10	26,00
4908 22 0030	3	63	20	5	10	29,00
4908 22 0035	3.5	66	22	5	10	34,00
4908 22 0040	4	70	25	10	10	39,00
4908 22 0050	5	80	28	15	10	40,00
4908 22 0060	6	90	32	30	10	54,00
4908 22 0070	7	95	36	40	10	76,00
4908 22 0080	8	100	36	55	10	87,00
4908 22 0090	9	105	38	75	10	124,00
4908 22 0100	10	112	40	100	10	133,00
4908 22 0120	12	125	45	160	10	193,00

4908

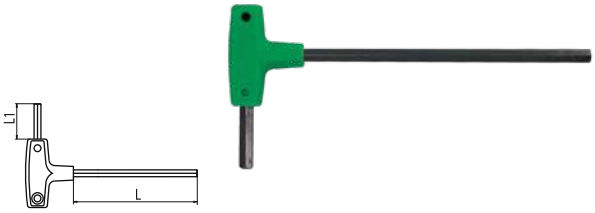
Allen Anahtar Takım Altı Köşe Standart Boy (mm)
Hex Key Wrench Set Standard Size (mm)



KOD CODE	İÇERİK CONTENTS	g		TL/Ad.
4908 00 3107	1.5 - 2 - 2.5 - 3 - 4 - 5 - 6	85	7	227,00
4908 00 3109	1.5 - 2 - 2.5 - 3 - 4 -5 - 6 - 8 - 10	255	9	446,00
4908 00 3110	1.5 - 2 - 2.5 - 3 - 4 - 5 - 6 - 8 - 10 - 12	420	10	639,00

4922

T Tipi Allen Anahtar (mm)
Hex Key Wrench T - Handle (mm)

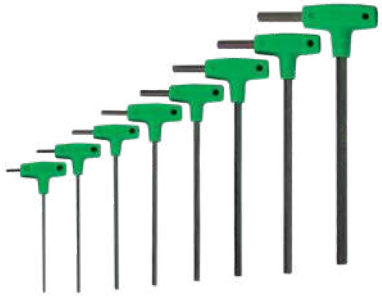


Krom vanadyum, Siyah Oksit Kaplı, PP saplı
Chrom vanadium, Black finish, PP handle

KOD CODE	mm	L mm	L1 mm	g		TL/Ad.
4922 22 0025	2.5	110	14	15	5	216,00
4922 22 0030	3	125	18	20	5	216,00
4922 22 0040	4	140	22	30	5	220,00
4922 22 0050	5	155	26	55	5	248,00
4922 22 0060	6	170	30	75	5	271,00
4922 22 0070	7	185	34	115	5	281,00
4922 22 0080	8	200	38	150	5	339,00
4922 22 0100	10	220	48	265	5	589,00

4922 00 8108

T Tipi Allen Anahtar Takımı (8 Parça, mm)
Hex Key Wrench T - Handle Set (8 Pcs, mm)



KOD CODE	İÇERİK CONTENTS	g		TL/Ad.
4922 00 8108	2.5 - 3 - 4 - 5 6 - 7 - 8 - 10	795	8	2.378,00

4915 00 6106

Kaset Allen Anahtar Takımı (6 Parça, mm)
Hex Key Wrench Folding Set (6 Pcs, mm)



Krom vanadyum, Siyah oksid kaplı
Chrom vanadium, Black finish

KOD CODE	İÇERİK CONTENTS	g		TL/Ad.
4915 00 6106	2.5 - 3 - 4 - 5 - 6 - 8	165	1	1.052,00

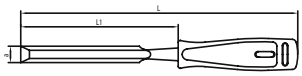
5011

Iskarpela (Düz)
Wood Chisel

TS 531

YENİ TASARIM
NEW DESIGN





Özel alaşımlı çelik, Uç indüksiyonda sertleştirilmiş, PP Saplı
Special steel, induction hardened tips, PP Handle

KOD CODE	a mm	L mm	L1 mm	g		TL/Ad.
5011 23 0006	6	240	120	100	5	397,00
5011 23 0008	8	242	122	110	5	423,00
5011 23 0010	10	244	124	110	5	446,00
5011 23 0012	12	246	126	125	5	488,00
5011 23 0014	14	248	128	130	5	506,00
5011 23 0016	16	250	130	135	5	540,00
5011 23 0018	18	252	132	140	5	586,00
5011 23 0020	20	254	134	150	5	649,00
5011 23 0022	22	256	136	165	5	706,00
5011 23 0024	24	258	138	175	5	761,00
5011 23 0026	26	260	140	185	5	789,00
5011 23 0030	30	264	144	205	5	842,00

5801

Tesviyeci Çekiç
Machinist Hammer

TS 5-1
DIN 1041



Özel alaşımlı çelik, İndüksiyonda sertleştirilmiş, Elektrostatik boyanmış
Special steel, Induction hardened, Electrostatically painted

KOD CODE	L mm	L1 mm	g	g		TL/Ad.
5801 25 0500	320	118	500	600	5	408,00
5801 25 1000	360	135	1000	1095	5	657,00
5801 25 1500	380	145	1500	1630	5	792,00
5801 25 2000	400	155	2000	2100	5	905,00

5884

Plastik Şerit Metre
Plastic Measuring tapes



KOD CODE	ÖLÇÜ SIZE	g		TL/Ad.
★ 5884 26 0003	3	95	5	182,00

Plastik Şerit Metre
Plastic Measuring tapes



KOD CODE	ÖLÇÜ SIZE	g		TL/Ad.
14000 005370	3	95	5	179,00
14000 005369	5	195	5	258,00

14000 005508

Makaralı Uzatma Kablosu 5m (El Tipi)
Extension Cord Reel 5m (With Handle)



USB TYPE-A

USB TYPE-C

TEKNİK ÖZELLİKLER / TECHNICAL DATA

Nominal Gerilim / Nominal Voltage	230V~ 50/60Hz
Akım / Current	Max. 16A
Kablo Sarılı Halde Maks. Güç / Load Reeled	1000W
Kablo Açılmış Halde Maks. Güç / Extended Max.	2300W
Soket Tipi / Socket Type	4x2 P + E
Soket Standardı /Socket Standart	Schuko (F-type)
Kablo / Cable	Max. ø 3x1mm
Giriş Koruması / Ingress Protection	IP44-IP20

KOD CODE	MODEL	ÖLÇÜ SIZE	g		TL/Ad.
14000 005508	El Tipi / With Handle	5	830	1	1.475,00

★ Stoklarla Sınırlıdır / It is Limited by Stocks.

14000 006046

165mm Multi Tool Plus (13 Fonksiyonlu)
165mm Multi Tool Plus (13 Functions)

multi tool PLUS+

YENİ NEW



33mm Bits:
PH1+PH2,PH0+SL2.5,
SL4+SL6,T10+T15












Kargaburun
Needle-nose Pliers


Düz Pense
Pliers


Tel Kesici
Wire Cutter


Bits Tutucu
Bits Adapter


Tığ/İplik İğnesi
Awl/Thread Needle


Cetvel
Ruler


Testere
Saw


Eğe
File


Ø3 Düz Tornavida/ Konserve Açacağı
Ø3 Flat Screwdriver/ Can Opener


Ø5 Düz Tornavida/ Şişe Açacağı
Bottle Opener/ Ø5 Flat Screwdriver


Testere Dişli Bıçak
Serrated Knife


Bıçak
Knife


33mm Bits Uçlar
33mm Bits

Paslanmaz çelik
Stainless steel

KOD CODE	L mm	g	❐	TL/Ad.
14000 006046	165	327	1	1.919,00

14000 006047

160mm Multi Tool Compact (12 Fonksiyonlu)
160mm Multi Tool Compact (12 Functions)

multi tool Compact

YENİ NEW





Katlanır
Foldable



Kargaburun Needle-nose Pliers	**Düz Pense** Pliers	**Tel Kesici** Wire Cutter	**Bıçak** Knife	**Çengelli Çıkarıcı/ Cetvel** Hooked Remover/Ruler	**Kazıma Bıçağı** Scraping Knife
Yıldız Tornavida Phillips Screwdriver	**Ø2,5 Düz Tornavida** Ø2,5 Flat Screwdriver	**Ø4 Düz Tornavida** Ø4 Flat Screwdriver	**Ø5 Düz Tornavida/Eğe** Ø5 Flat Screwdriver/File	**Konserve Açacağı** Can Opener	**Şişe Açacağı** Bottle Opener

Paslanmaz çelik, alüminyum sap
Stainless steel, aluminum handle

KOD CODE	L mm	⚖ g	❐	TL/Ad.
14000 006047	160	238	1	1.238,00

14000 006048

75mm Multi Tool Mini (7 Fonksiyonlu)
75mm Multi Tool Mini (7 Functions)

multi tool mini

YENİ NEW



Katlanır
Foldable





Kargaburun
Needle-nose Pliers

Düz Pense
Pliers

Tel Kesici
Wire Cutter

Ø2 Düz Tornavida/ Kazıma Bıçağı
Ø2 Flat Screwdriver/ Scraping Knife

Yıldız Tornavida
Phillips Screwdriver

Küçük Bıçak
Small Knife

Eğe
File

Paslanmaz çelik
Stainless steel

KOD CODE	L mm	g	❐	TL/Ad.
14000 006048	75	48	1	522,00

13000 005654

Hobby Set (4 Parça)
Hobby Set (4 Pcs)

YENİ NEW





KOD CODE	İÇERİK CONTENTS	❐	TL/Ad.
3021 12 1160	**Kombine Pense Opak Seri** Combination Pliers 160mm	1	1.405,00
14000 005044	**Ergonomik Kilitli Maket Bıçağı** Ergonomic Safety Utility Knife 18mm	1	
14000 005369	**Plastik Şerit Metre** Plastic Measuring Tape 5m	1	
4170 17 0680	**Değişken Uçlu Tornavida** Screwdriver - Reversible (6x80)	1	

13000 005652

Pense Seti (3 Parça)
Pliers Set (3 Pcs)

YENİ NEW



KOD CODE	İÇERİK CONTENTS	❐	TL/Ad.
3021 12 1160	**Kombine Pense Opak Seri** Combination Pliers 160mm	1	2.251,00
3701 16 1160	**Yan Keski Opak Seri** Side Cutting Pliers 160mm	1	
3221 13 1160	**Kargaburun Düz Uçlu Opak Seri** Long Nose Pliers (Flat) 160mm	1	

13000 005656

Pense Seti (2 Parça)
Pliers Set (2 Pcs)

YENİ NEW



KOD CODE	İÇERİK CONTENTS	❐	TL/Ad.
3021 12 1160	**Kombine Pense Opak Seri** Combination Pliers 160mm	1	1.390,00
3701 16 1160	**Yan Keski Opak Seri** Side Cutting Pliers 160mm	1	

5891 26 0830

Testere Kolu DIN 6473
Hacksaw Frame



KOD CODE	L mm	g		TL/Ad.
5891 26 0830	300	330	5	643,00

6731 27 0650

Çim Kesme Makası (Eğri Ağız)
Grass Shears (Wave Edges)



KOD CODE	L mm	L inch	g		TL/Ad.
6731 27 0650	650	25 5/8"	1230	5	2.002,00

6351

Levye Oluklu TSEK
Tyre Lever, Straight



Krom vanadyum, Krom kaplı
Chrom vanadium, Chrom plated

KOD CODE	L mm	L inch	g		TL/Ad.
6351 26 0400	400	16"	435	5	496,00
6351 26 0500	500	20"	665	5	726,00
6351 26 0600	600	24"	940	5	945,00

6730 27 0550

Çim Kesme Makası (Düz Ağız)
Grass Shears (Straight)



KOD CODE	L mm	L inch	g		TL/Ad.
6730 27 0550	550	21 5/8"	835	5	1.121,00

6721 27 0205

Bağ Makası (Lüks)
Prunning Shears (Lux)



Özel alaşımlı çelik, Kesici ağızlar indüksiyonda sertleştirilmiş, Daldırma PVC izoleli Special steel, Cutters induction hardened, PVC dipped

KOD CODE	L mm	L inch	g	❐	TL/Ad.
6721 27 0205	205	8"	280	5	849,00

6722 27 0220

Bağ Makası (Hafif Tip)
Pruning Shears (Light)



Alüminyum gövde, Daldırma PVC izoleli
Aluminum forged body, PVC dipped

KOD CODE	L mm	L inch	g	❐	TL/Ad.
6722 27 0220	220	8 5/8"	220	5	1.223,00

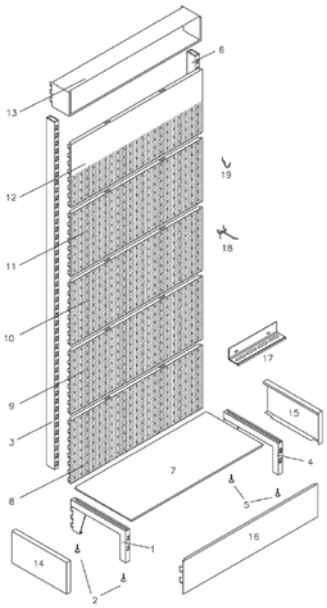
8011 31 6001

Teşhir Panosu
Display



Montaj Sırası / Montage Order

1. Ayak / Stand right leg
2. Plastik ayak / Plastic leg
3. Kolon / Stand right column
4. Ayak / Stand left leg
5. Plastik ayak / Plastic leg
6. Kolon / Stand left column
7. Raf / Shelf
8. Delikli pano / Drilled panel
9. Delikli pano / Drilled panel
10. Delikli pano / Drilled panel
11. Delikli pano / Drilled panel
12. Yarım delikli pano / Half - drilled panel
13. Aydınlatma alınlığı / Illumination panel
14. Yan kapak / Side cover
15. Yan kapak / Side cover
16. Ön kapak / Front cover
17. Tornavida askısı / Screwdriver hanger
18. Büyük askı / Long hanger
19. Küçük askı / Short hanger



★ El aletleri görsel amaçlıdır, teşhir panosu boş olarak satılmaktadır. The hand tools are for illustrative purposes only; the display board is sold empty.

KOD CODE	SIZE mm	Cinsi	g	❐	TL/Ad.
8011 31 6001	500x1000x2250	Boş	14000	1	14.158,00

14000 005043

Metal Gövdeli Kilitli Maket Bıçağı 18mm
Metal-Bodied Safety Utility Knife 18mm



Yedek parça sayfa 259-263
Spare parts page 259-263

- **Otomatik Kilit Mekanizması** / Auto-Lock Mechanism
- **Metal + ABS Plastik Gövde** / Metal-ABS Plastic Bodied
- **Ergonomik Yapı** / Ergonomic Design
- **18 mm Bıçak Genişliği** / 18 mm Blade Width
- **Bıçak Kırma Yeri** / Knife Breaking Part
- **Askı Delikli** / Hanging Hole

KOD/CODE	L mm	g		TL/Ad.
14000 005043	158	125	12	334,00

14000 005045

Ergonomik Kilitli Maket Bıçağı 9mm
Ergonomic Safety Utility Knife 9mm



Yedek parça sayfa 259-263
Spare parts page 259-263

- **Otomatik Kilit Mekanizması** / Auto-Lock Mechanism
- **ABS Plastik Gövde** / ABS Plastic Bodied
- **Kauçuk Kavramalı** / Rubber Coated
- **Ergonomik Yapı** / Ergonomic Design
- **9 mm Bıçak Genişliği** / 9 mm Blade Width
- **Bıçak Kırma Yeri** / Knife Breaking Part
- **Askı Delikli** / Hanging Hole

KOD/CODE	L mm	g		TL/Ad.
14000 005045	140	145	12	131,00

14000 005044

Ergonomik Kilitli Maket Bıçağı 18mm
Ergonomic Safety Utility Knife 18mm



Yedek parça sayfa 259-263
Spare parts page 259-263

- **Otomatik Kilit Mekanizması** / Auto-Lock Mechanism
- **ABS Plastik Gövde** / ABS Plastic Bodied
- **Kauçuk Kavramalı** / Rubber Coated
- **Ergonomik Yapı** / Ergonomic Design
- **18 mm Bıçak Genişliği** / 18 mm Blade Width
- **Bıçak Kırma Yeri** / Knife Breaking Part
- **Askı Delikli** / Hanging Hole

KOD/CODE	L mm	g		TL/Ad.
14000 005044	172	105	12	222,00

14000 005046

Ergonomik Kilitli Maket Bıçağı Set 18mm - 9mm
Ergonomic Safety Utility Knife Set 18mm - 9mm



Yedek parça sayfa 259-263
Spare parts page 259-263

- **Otomatik Kilit Mekanizması** / Auto-Lock Mechanism
- **ABS Plastik Gövde** / ABS Plastic Bodied
- **Kauçuk Kavramalı** / Rubber Coated
- **Ergonomik Yapı** / Ergonomic Design
- **9-18 mm Bıçak Genişliği** / 9-18 mm Blade Width
- **Bıçak Kırma Yeri** / Knife Breaking Part
- **Askı Delikli** / Hanging Hole

KOD/CODE	L mm	g		TL/Ad.
14000 005044	172	145	12	353,00
14000 005045	140			



IZELTAS®

YEDEK PARÇALAR

SPARE PARTS



0600

Kurbağacık Anahtar ve Ayarlı Montaj Anahtarı Yedek Parçalar
Adjustable Wrench, Spare Parts

Somun
Nut



Vida
Bolt



Yay
Spring



KOD CODE	L mm	L inch	g	❐	TL/Ad.
0600 01 0206	160	6"	10	10	70,00
0600 01 0208	208	8"	70	10	82,00
0600 01 0210	260	10"	10	10	109,00
0600 01 0212	308	12"	15	10	150,00
0600 01 0215	388	15"	20	10	215,00
0600 01 0306	160	6"	5	10	20,00
0600 01 0308	208	8"	5	10	29,00
0600 01 0310	260	10"	5	10	35,00
0600 01 0312	308	12"	5	10	45,00
0600 01 0315	388	15"	15	10	56,00
0600 01 0406	160	6"	5	10	15,00
0600 01 0408	208	8"	5	10	15,00
0600 01 0410	260	10"	5	10	15,00
0600 01 0412	308	12"	5	10	15,00
0600 01 0415	388	15"	5	10	15,00

2100

Stilson Anahtar Yedek Parçaları
Stillson Wrench Spare Part

Çene
Jaw



Bağlantı Parçası
Connection Part



Somun
Nut



KOD CODE	ÖLÇÜ FOR	g	❐	TL/Ad.
2100 10 0108	8"	100	5	482,00
2100 10 0110	10"	190	5	713,00
2100 10 0112	12"	320	5	795,00
2100 10 0114	14"	400	5	959,00
2100 10 0118	18"	575	5	1.289,00
2100 10 0124	24"	975	5	1.845,00
2100 10 0208	8"	60	5	739,00
2100 10 0210	10"	95	5	1.096,00
2100 10 0212	12"	135	5	1.200,00
2100 10 0214	14"	200	5	1.447,00
2100 10 0218	18"	345	5	1.659,00
2100 10 0224	24"	475	5	2.478,00
2100 10 0308	8"	10	5	358,00
2100 10 0310	10"	20	5	396,00
2100 10 0312	12"	25	5	413,00
2100 10 0314	14"	40	5	460,00
2100 10 0318	18"	65	5	635,00
2100 10 0324	24"	105	5	695,00

Zincirli Boru Anahtarı Yedek Zinciri
Spare Chain For Chain Pipe Wrench



KOD CODE	ÖLÇÜ SIZE Inch	L mm	g	❐	TL/Ad.
14000 005039	4"	555	840	1	3.176,00
14000 005038	6"	785	1635	1	5.538,00
14000 005139	8"	990	2400	1	6.460,00

2110

Ağır Tip Boru Anahtarı Yedek Parçaları
Pipe Wrench, Heavy Duty Spare Parts

Çene
Jaw



Somun
Nut



Alt Çene ve Pim
Lower Jaw and Pin



KOD CODE	ÖLÇÜ FOR	g	❐	TL/Ad.
2110 10 0108	8"	105	5	1.063,00
2110 10 0110	10"	210	5	1.292,00
2110 10 0112	12"	315	5	2.548,00
2110 10 0114	14"	395	5	2.716,00
2110 10 0118	18"	685	5	2.886,00
2110 10 0124	24"	970	5	4.327,00
2110 10 0136	36"	1600	5	8.650,00
2110 10 0148	48"	3295	5	14.246,00
2110 10 0308	8"	10	5	352,00
2110 10 0310	10"	25	5	369,00
2110 10 0312	12"	35	5	402,00
2110 10 0314	14"	35	5	487,00
2110 10 0318	18"	65	5	647,00
2110 10 0324	24"	110	5	985,00
2110 10 0336	36"	220	5	1.827,00
2110 10 0348	48"	305	5	2.928,00
2110 10 0408	8"	15	5	1.119,00
2110 10 0410	10"	35	5	1.240,00
2110 10 0412	12"	60	5	1.398,00
2110 10 0414	14"	60	5	1.442,00
2110 10 0418	18"	90	5	1.494,00
2110 10 0424	24"	115	5	1.643,00
2110 10 0436	36"	230	5	2.619,00
2110 10 0448	48"	285	5	3.534,00

2201

Maşalı Boru Anahtarı Yedek Somun
Nut



KOD CODE	ÖLÇÜ FOR	g	❐	TL/Ad.
2201 10 0110	1"	20	10	84,00
2201 10 0115	1 1/2"	35	10	106,00
2201 10 0120	2"	55	10	139,00
2201 10 0130	3"	75	10	187,00
2201 10 0140	4"	75	10	218,00

2350

Demir Kesme Makası Yedek
Bolt Cutters Spare Part

Çene
Jaw



KOD CODE	ÖLÇÜ SIZE	KAPASİTE CAPACITY ø mm	g	❐	TL/Ad.
2350 27 0118	18"	6 - 8	695	1	1.813,00
2350 27 0124	24"	8 - 10	1110	1	2.077,00
2350 27 0130	30"	9 - 13	1230	1	3.674,00
2350 27 0136	36"	11 - 16	2050	1	6.783,00

5850

Plastik Çekiç Yedek Başlık
Plastic Hammer Spare Head



KOD CODE	ØD mm	g		TL/ Ad.
5850 25 0130	30	35	10	174,00
5850 25 0140	40	65	10	246,00
5850 25 0150	50	120	10	352,00

6400 - 6401

Keser Yedek Sapı
Adze Handle



KOD CODE	L mm	g		TL/ Ad.
6400 25 0001	400	205	10	224,00

5800

Tesviyeci Çekiç Yedek Sapı (Kamalı)
Hammer Handle (With Pin)



KOD CODE	L mm	g	g		TL/ Ad.
5800 25 0001	260	100	65	10	179,00
5800 25 0002	280	200	70	10	179,00
5800 25 0003	300	300	95	10	201,00
5800 25 0005	320	500	120	10	224,00
5800 25 0010	360	1000	180	10	290,00
5800 25 0015	380	1500	185	10	327,00
5800 25 0020	400	2000	235	10	352,00

5865

Madırga Yedek Sap (Kamalı)
Mallet Handle (With Pin)



KOD CODE	L mm		g		TL/Ad.
5865 25 0001	260	1000	120	10	210,00
5865 25 0002	280	1500	175	10	230,00

6410

Nacak Yedek Sap (Kamalı)
Hatchet Handle (With Pin)



KOD CODE	L mm		g		TL/ Ad.
6410 25 0001	380	800	250	10	672,00

03755

Kablo Sıyırıcı Yedek Bıçağı
Cable Strippers Spare Blade



KOD CODE	ÖLÇÜ SIZE	g		TL/Ad.
03755 50 625	ø 4-16 / ø 8-28	5	5	246,00

06375

Ayarlı Yağ Filtresi Sökeceği Yedek Kelepçe
Adjustable Slot Type Oil Filter Wrench Spare Clamp



KOD CODE	ø mm	g		TL/ Ad.
06375 50 010	65	220	5	201,00



6230

Gres Pompası Yedek Ucu
Grease Gun Nozzle



500cc
300cc

KOD CODE	L mm	ø mm	g	❐	TL/Ad.
6230 26 2500	38	15	30	10	159,00

Hortumu
Hose for
Grease Gun



KOD CODE	ø mm	cc	g	❐	TL/Ad.
6230 26 3300	8	300	35	10	182,00
6230 26 3500	12	500	100	10	333,00

05898

HSS Testere Laması
Hacksaw Blade HSS



KOD CODE	ÖLÇÜ SIZE	g	❐	TL/Ad.
05898 50 283	13x0.65x18	20	100	171,00

05899

Bimetal Testere Laması
Hacksaw Blade Bimetal



KOD CODE	ÖLÇÜ SIZE	g	❐	TL/Ad.
05899 50 283	13x0.65x18	20	100	199,00

6735

Dal Budama Testeresi Yedek Bıçak
Spare Blade for Prunning Saw



KOD CODE	L mm	g	❐	TL/Ad.
6735 27 1300	300	65	5	1.481,00

06765

Plastik Boru Kesme Makası Bıçağı
Plastic Pipe Cutter Spare Blade



KOD CODE	ÖLÇÜ SIZE	g	❐	TL/Ad.
06765 50 042	42	85	5	2.351,00
06765 50 063	63	145	5	4.365,00

6850

Mini Boru Kesici Bıçağı / Blade For Mini Tube Cutter
Standart Boru Kesici Bıçağı / Blade For Standard Tube Cutter
Teleskopik Boru Kesici Bıçağı / Blade For Telescopic Tube Cutter



KOD CODE	ÖLÇÜ SIZE	g	❐	TL/Ad.
6850 28 1322	1/4" - 1 3/8"	5	10	265,00

6865

Profesyonel Boru Kesici Bıçağı
Blade For Professional Tube Cutter



KOD CODE	ÖLÇÜ SIZE	g	❐	TL/Ad.
6865 28 0150	1/8" - 2"	25	5	547,00

14000 005090

Pro Güvenlikli Trapez Maket Bıçağı Yedek Bıçak 18 mm
Pro Safety Utility Knife Spare Blade 18 mm



KOD CODE	ÖLÇÜ / SIZE (mm)	❐	TL/Ad.
14000 005090	18	10	142,00

14000 005088

Pro Maket Bıçağı Yedek Bıçak 18 mm
Pro Utility Knife Spare Blade 18 mm



KOD CODE	ÖLÇÜ / SIZE (mm)	❐	TL/Ad.
14000 005088	18	10	112,00

14000 005089

Pro Maket Bıçağı Yedek Bıçak 9 mm
Pro Utility Knife Spare Blade 9 mm



KOD CODE	ÖLÇÜ / SIZE (mm)	❐	TL/Ad.
14000 005089	9	10	72,00

14000 005091

Pro Maket Bıçağı Yedek Bıçak 30° Açılı 9 mm
Pro Utility Knife Spare Blade 30° 9 mm



KOD CODE	ÖLÇÜ / SIZE (mm)	❐	TL/Ad.
14000 005091	9	10	72,00

7010-7020

Standart Çektirme Yedek Parçaları
Spare Parts For Standard Pullers

Uzatma Parçası / Connection Part, Extention



KOD CODE	L mm	KULLANILAN ÇEKTİRME FOR	g	❐	TL/Ad.
7010 29 2033	200	8x10 - 12x10	170	1	802,00
7010 29 3033	300	16x15 - 20x15	335	1	1.395,00
7010 29 4033	400	25x20 - 35x20 37x20 - 52x20	2350	1	2.062,00

Kol / Arm



7010 29 0822	8x10 - 12x10	105	1	605,00
7010 29 1622	16x15 - 20x15	345	1	1.050,00
7010 29 2522	25x20 - 35x20 52x20 - 37x20	750	1	1.837,00

Bağlantı Parçası / Connection Part



7010 29 0833	8x10 - 12x10	155	1	306,00
7010 29 1633	16x15 - 20x15	325	1	526,00
7010 29 2533	25x20 - 35x20 52x20 - 37x20	930	1	921,00

Mil / Spindle



7010 29 0844	8x10 - 12x10	185	1	553,00
7010 29 1644	16x15 - 20x15	560	1	1.053,00
7010 29 2544	25x20	1380	1	1.810,00
7010 29 3544	35x20 - 37x20	2187	1	2.359,00
7010 29 5244	52x20	3175	1	2.359,00

7030-7040

Master Çektirme Yedek Parçaları/Spare Parts For Master Puller

Kol / Arm



KOD CODE	KULLANILAN ÇEKTİRME FOR	g	❐	TL/Ad.
7030 29 0822	8x8	110	1	331,00
7030 29 1222	12x12	210	1	458,00
7030 29 1622	16x16	340	1	817,00
7030 29 2322	23x20	570	1	1.111,00

Mil/Spindle



7030 29 0844	8x8	185	1	449,00
7030 29 1244	12x12	355	1	660,00
7030 29 1644	16x16	675	1	729,00
7030 29 2344	23x20	1335	1	998,00

7050-7060

Batarya Çektirme Yedek Parçaları
Spare Parts For Battery Pullers

Kol / Arm



KOD CODE	KULLANILAN ÇEKTİRME FOR	g	❐	TL/Ad.
7050 29 0422	6x4	40	1	259,00
7050 29 0622	6x6	50	1	289,00
7050 29 0822	8x8	100	1	331,00

Mil / Spindle



7050 29 0444	6x4	95	1	383,00
7050 29 0644	6x6	105	1	429,00
7050 29 0844	8x8	210	1	539,00

7070-7080

S Tipi Çektirme Yedek Parçaları
Spare Parts For S Type Puller

Kol / Arm



KOD CODE	KULLANILAN ÇEKTİRME FOR	g	❐	TL/Ad.
7070 29 2022	20x13	410	1	661,00

Mil / Spindle



7070 29 2044	20x13	560	1	921,00

7090-7100

Üniversal Çektirme Yedek Parçaları
Spare Parts For Universal Puller

Kol / Arm



KOD CODE	KULLANILAN ÇEKTİRME FOR	g	❐	TL/Ad.
7090 29 2322	22x22	715	1	735,00

Mil / Spindle



7090 29 2244	22x22	570	1	970,00





IZELTAS®

TİCARİ TEŞHİR ÜRÜNLERİ

COMMERCIAL DISPLAY PRODUCTS



1113 31 6100

1/2" Lokma Anahtar Sehpası
Display Frame for Sockets



1/2"

Sacdan imal edilmiş, Fırın boya
Made of sheet metal, Electrostatic paint

KOD CODE	ÖLÇÜ SIZE mm	g	❐	TL/Ad.
1113 31 6100	175x360x605	5800	1	4.280,00

7010 31 6105

Çektirme Sehpası
Display Frame For Pullers

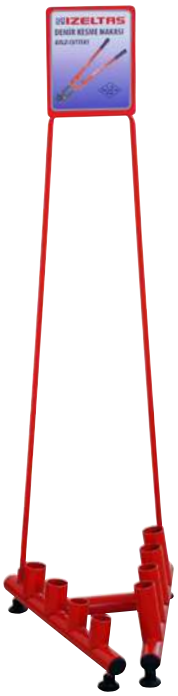


Sacdan imal edilmiş, Fırın boya
Made of sheet metal, Electrostatic paint

KOD CODE	İÇERİK CONTENTS	g	❐	TL/Ad.
7010 31 6105	Boş - Empty	2125	1	1.240,00

2350 31 6104

Demir Kesme Makası Sehpası
Display Frame for Bolt Cutters



Fırın boya
Electrostatic paint

KOD CODE	İÇERİK CONTENTS	g	❐	TL/Ad.
2350 31 6104	Boş -Empty	7040	1	5.900,00

7300 31 6150

İşkence Sehpası
Display Frame for Screw Clamps



Fırın boya
Electrostatic paint

KOD CODE	ÖLÇÜ SIZE mm	g	❐	TL/Ad.
7300 31 6150	100x520x1420	10000	1	5.071,00

8001-8002

Çatal ve Yıldız Anahtar Sehpası
Display Frame For Wrenches



Sacdan imal edilmiş, Fırın boya
Made from metal sheet, Electrostatic paint

KOD CODE	ÖLÇÜ SIZE mm	g	İÇERİK CONTENTS	❐	TL/Ad.
8001 31 6012	160x500	1090	Çatal / Open Jaw	1	660,00
8002 31 6012	170x560	1080	Yıldız / Ring	1	824,00

8004 31 6004

Dövme Çelik Mengene Sehpası
Forged Steel Vice Frame



Fırın boya
Electrostatic paint

KOD CODE	İÇERİK CONTENTS	g	❐	TL/Ad.
8004 31 6004	Boş - Empty	8000	1	6.287,00

8015 31 6001

Tekerlekli Üçgen Teşhir Standı
Triangular Display Frame



Sacdan imal edilmiş, Fırın boya
Made from metal sheet, Electrostatic paint

KOD CODE	ÖLÇÜ SIZE mm	g	❐	TL/Ad.
8015 31 6001	520x1670	29500	1	8.914,00



8010 Teşhir Panosu / Display Panel

İzeltaş El Aletleri Teşhir Panosu, satış noktaları için özel olarak dizayn edilmiştir. Kolayca monte edilebilen 19 ana parçadan oluşan panonun derinliği 46 cm, genişliği 100 cm, yüksekliği 220 cm'dir.

Etkili görünümü ve tüm ürünleri bir arada sergileme özelliği yanında, perakende satışlarda seçme kolaylığı sağlaması bakımından da önem taşımaktadır.

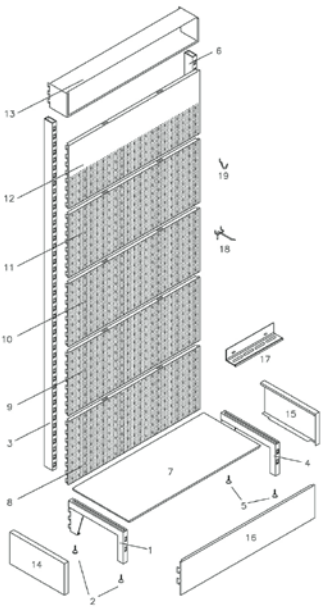
İzeltaş's Product Display Panel has been specially designed for points of sale. These boards are made from easily mountable 19 main parts and have the dimensions as following, width 46 cm, length 100 cm and height 220 cm.

Board features an impressive look and displays the products all together, which makes it easy to choose desired tools during retail selling activities.



Montaj Sırası / Montage Order

1. Ayak / Stand right leg
2. Plastik ayak / Plastic leg
3. Kolon / Stand right column
4. Ayak / Stand left leg
5. Plastik ayak / Plastic leg
6. Kolon / Stand left column
7. Raf / Shelf
8. Delikli pano / Drilled panel
9. Delikli pano / Drilled panel
10. Delikli pano / Drilled panel
11. Delikli pano / Drilled panel
12. Yarım delikli pano / Half - drilled panel
13. Aydınlatma alınlığı / Illumination panel
14. Yan kapak / Side cover
15. Yan kapak / Side cover
16. Ön kapak / Front cover
17. Tornavida askısı / Screwdriver hanger
18. Büyük askı / Long hanger
19. Küçük askı / Short hanger



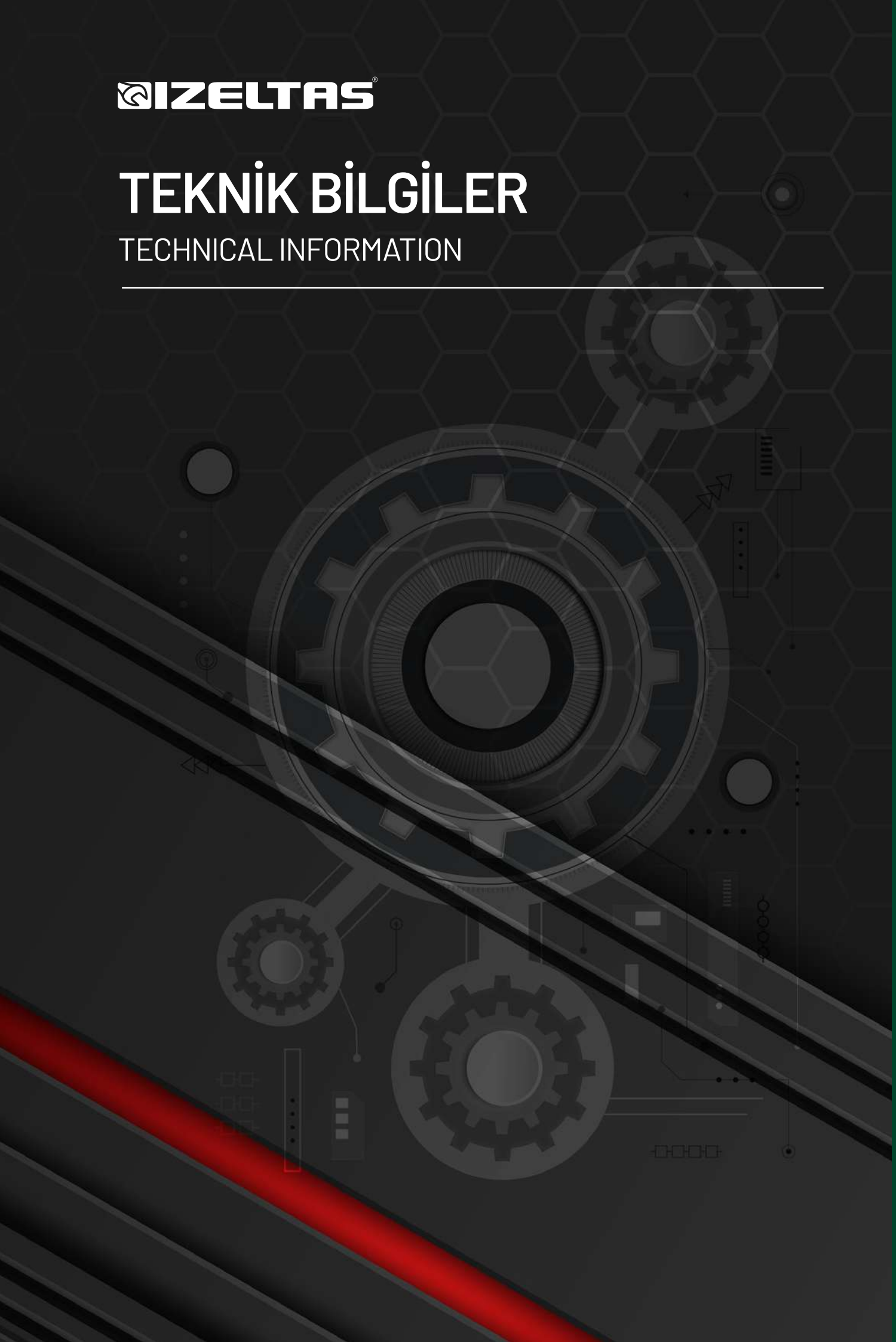
Büyük Pano
Display Panel (Empty)

KOD CODE	ÖLÇÜ SIZE mm	CİNSİ TYPE	g		TL/Ad.
8010 31 6001	460x1000x2200	Boş/Empty	38000	1	17.106,00

IZELTAS®

TEKNİK BİLGİLER

TECHNICAL INFORMATION



İŞ GÜVENLİĞİ ve EL ALETLERİNİN YANLIŞ KULLANIMI / *WORK SAFETY & MISUSE OF HARDWARE*



Elektrik akımı geçme (1000V üzeri hariç) ihtimali olan tüm yerlerde IEC 60900'a göre izoleli uygun el aletleri kullanılmalıdır.
Hand tools with IEC 60900 compliant isolation must be used for any work involving risk of electrical current (excluding 1000V and above).





Tozlu ve çapaklı alanlarda mutlaka gözlük kullanınız.
Make sure to wear googles in work areas with dust and burrs.



Lokma anahtarlarınızı uygun ölçülerdeki cıvatada, en geniş yüzeyde dik olarak kullanınız. Lokma anahtarların cıvataya eğik olarak takılıp kullanılması, kavrama yüzeyini azaltarak ürünün kullanım ömrünü kısaltacaktır.
Use box wrenches with bolts of appropriate size, placed perpendicularly on the largest area of contact. Use of a box wrench at an angle will reduce the gripping surface and result in a shorter useful life.



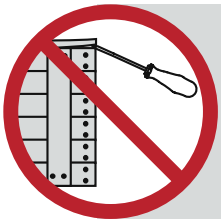
Yüksek sesli ortamlarda mutlaka kulaklık kullanınız.
Make sure to wear ear protection in work areas with high levels of noise.



Çekici amacı dışında kendinden daha sert malzemelere vurmayınız, eğik olarak kullanmayınız. Mantarlaşmış bölgeleri mutlaka temizleyerek kullanınız.
Do not use a hammer outside its intended purpose or to hit objects harden than the hammer. Do not hit at an angle. Make sure to clean weakened parts before use.



Kimyasal madde içeren işlerde mutlaka eldiven ve maske kullanınız.
Make sure to wear gloves and facemask for works involving chemical materials.



Tornavidayı amacı dışında sökme işlemlerinde kullanmayınız.
Do not use the screwdriver as a levering tool out of its intended purpose.



Anahtarlarınızı, ağız ölçüsüne uygun cıvatalarda kullanınız. Anahtar ve cıvatadaki ölçü uyuşmazlığı, üründe ağız aşınmasına neden olur.
Use wrenches with bolts of appropriate size. Size discrepancy between wrench and bolt will lead to wear on tool edge.



Tornavidayı amacı dışında keski gibi ya da darbeli olarak kullanmayınız.
Do not use the screwdriver as a chiselling tool or for impacting out of its intended purpose.



Anahtarların ağzına taşlama işlemi yapmayınız; sert cisimler sürterek müdahale etmeyiniz. Bu durum anahtarınızın ağız yapısını bozar.
Do not grind or expose the edge of wrenches to hard objects. This will deform the tool edge structure.



Dolapları çekerek değil iterek kullanınız.
Do not pull the set cabinets. Push to move the cabinets.



Anahtar gövdesine boru takarak kuvvet uygulamayınız. Anahtarınızın ağız yapısının bozulmasına, kırılmalara ve yaralanmalara neden olabilir.
Do not apply force to the wrench by attaching a pipe to the tool body. This may result in deformation of tool edge, breakage or injury.



Dolapların birden fazla çekmecesini aynı anda açık bırakmayınız. Ağırlık merkezi değişerek dolabın devrilmesine neden olacaktır.
Do not leave multiple drawers of set cabinets open at the same time. This will move the centre of gravity and cause toppling.



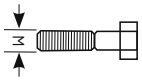
Anahtar gövdesine çekiç ile darbe uygulamayınız. Ağız yapısında bozulmalara, kırılma ve yaralanmalara neden olabilir.
Do not hit the wrench body with a hammer. This may result in deformation of tool edge, breakage or injury.



Dolapların çekmecelerini ayağınızla kapatmaya ya da basamak, merdiven olarak kullanmaya çalışmayınız. Bu gibi durumlar yaralanmalara sebep olacaktır.
Do not use your foot to close a cabinet drawer or attempt to use cabinet drawers as a stepladder. Such actions will result in injury.

ANAHTAR AĞZI ÖLÇÜLERİ VE VİDA ÇAPLARI

SPANNER JAW WIDTH ACCROSS FLATS and THREAD DIAMETERS

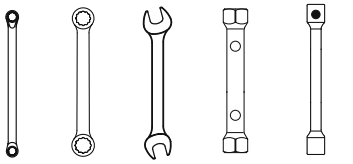


mm	DIN ISO 272 ye göre metrik	DIN ISO 272 ye göre metrik	AF Ağız Genişliği inch	AF Ağız Genişliği mm	Whitw. Civata Çapı	BS 916 1083	Ağız Genişliği inch	Ağız Genişliği mm
4	2		5/32	0,1562	3,97	8 BA		0,152	3,86
4,5	2,3					7 BA		0,172	4,87
5	2,5		3/16	0,1875	4,76	6 BA		0,193	4,90
5,5	3,5		7/32	0,2187	5,56	5 BA		0,220	5,59
6	26,8		1/4	0,2500	6,35	4 BA		0,248	6,30
						1/16 W		0,256	6,50
7	4		9/32	0,2812	7,14	3 BA		0,282	7,16
						3/32 W		0,297	7,54
7-8	5		5/16	0,3125	7,94	2 BA		0,324	8,23
9	5 Alt		11/32	0,3438	8,73	1/8 W	(3/16)	0,340	8,64
			3/8	0,3750	9,52	1 BA		0,365	9,27
8-10	6		13/32	0,4062	10,32	0 BA	(7/32)	0,413	10,49
11	7		7/16	0,4375	11,11	3/16 W	1/4	0,445	11,30
12									
10-13	8		1/2	0,5000	12,70	1/4 W	5/16	0,525	13,34
14*	8 Alt		9/16	0,5625	14,29				
15	10 KFZ		19/32	0,5938	15,08	5/16 W	3/8	0,600	15,24
16	10		5/8	0,6250	15,88				
13-15-17	10		11/16	0,6875	17,46				
18	12					3/8 W	7/16	0,710	18,03
15-18-19	12		3/4	0,7500	19,05				
20*			25/32	0,7812	19,84				
18-21	14		13/16	0,8125	20,64	7/16 W	1/2	0,820	20,83
22-24	14	12	7/8	0,8750	22,22				
23*						1/2 W	9/16	0,920	23,37
21-24*	16		15/16	0,9375	23,81				
25*-27*			1,	1,0000	25,40				
26*						9/16 W	5/8	1,010	25,65
27	18	16	1.1/16	1,0625	26,99				
27-28*-30						5/8 W	(11/16)	1,100	27,94
			1.1/8	1,1250	28,58				
27-30-34	20		1.3/16	1,1875	30,16	11/16 W	3/4	1,200	30,48
32-36-41	22	20	1.1/4	1,2500	31,75				
			1.5/16	1,3125	33,34	3/4 W	7/8	1,300	33,02
34	22		1.3/8	1,3750	34,92	13/16 W	(15/16)	1,390	35,31
36-41	24	22	1.7/16	1,4375	36,51				
38*			1.1/2	1,5000	38,10	7/8 W	1	1,480	37,59
41-46	27	24	1.5/8	1,6250	41,28				
			1.11/16	1,6875	42,86	1. W	1.1/8	1,670	42,42
			1.3/4	1,7500	44,45				
46-50	30	27	1.13/16	1,8125	46,04				
			1.7/8	1,8750	47,62	1.1/8 W	1.1/4	1,860	47,24
50-55	33	30	2,	2,0000	50,80				
			2.1/16	2,0625	52,39	1.1/4 W	1.3/8	2,050	52,07
55-60	36		2.3/16	2,1875	55,56				
			2.1/4	2,2500	57,15	1.3/8 W	1.1/2	2,220	56,39
60-65	39	36	2.3/8	2,3750	60,32				
			2.7/16	2,4375	61,91	1.1/2 W	1.5/8	2,410	61,21
65	42		2.9/16	2,5625	65,09	1.5/8	1.3/4	2,580	65,53
			2.5/8	2,6250	66,68				
70	45		2.3/4	2,7500	69,85	1.3/4 W	2,	2,760	70,10
			2.13/16	2,8125	71,44				
75	48		2.15/16	2,9375	74,61				
			3,	3,0000	76,20	(1.7/8 W)			76,70
80	52		3.1/8	3,1250	79,38	2. W	2.1/4	3,150	80,01
85	56		3.3/8	3,3750	85,72				
90	60		3.1/2	3,5000	88,90		2.1/2	3,550	90,17
95	64		3.3/4	3,7500	92,25				
			3.7/8	3,8750	98,42		2.3/4	3,890	98,81
100	68								
105	72		4.1/8	4,1250	104,78		3,	4,180	106,17
110	76		4.1/4	4,2500	107,95				
115*	80		4.1/2	4,5000	114,30		3.1/4	4,530	115,06

* Standart dışı/Not Standardised

ANAHTAR İÇİN MİNİMUM DÖNDÜRME MOMENTLERİ

TEST TORQUE VALUES FOR SPANNERS ISO 1711-1

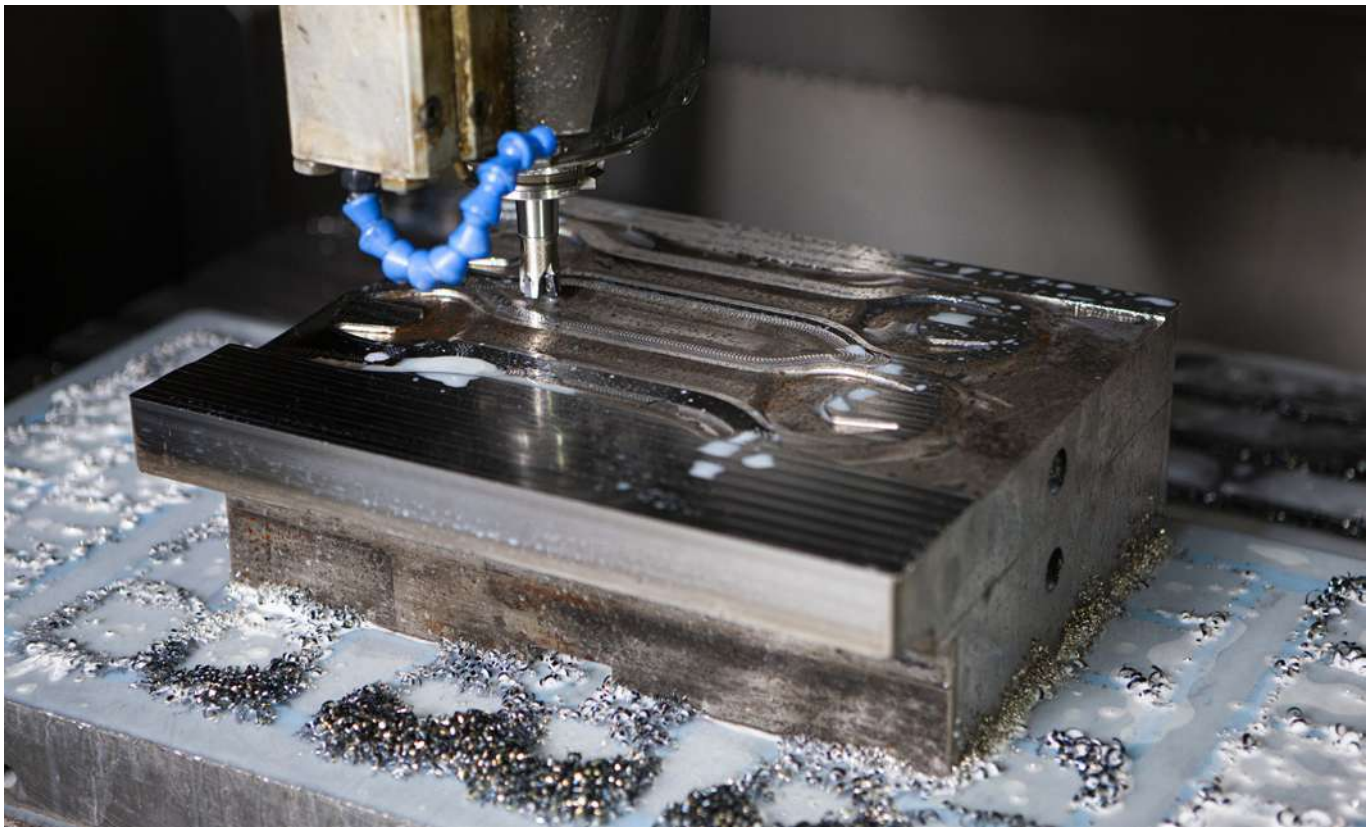
mm	0430 0320 0330 0370	0440	0100 0130	1800	1870 1874
					
4			1,90		
4.5*			2,64		
5			3,55		
5,5			4,64		
6*	17,6	7,4	5,92	17,6	
7	25,2	11,4	9,12	25,2	
8	34,5	16,6	13,3	34,5	34,5
9*	45,5	23,0	18,4	45,5	45,5
10	58,1	31,0	24,8	58,1	58,1
11	72,7	40,4	32,3	72,7	72,7
12	89,1	51,5	41,2	89,1	89,1
13	107	64,5	51,6	107	107
14*	128	79,4	63,5	128	128
15	150	96,2	77,0	150	150
16	175	115	92,3	175	175
17	201	134	107	201	201
18	230	160	128	230	230
19*	261	186	149	261	261
20*	294	215	172	294	294
21	330	247	198	330	330
22*	368	281	225	368	368
23*	408	319	255	408	408
24	451	359	287	451	451
25*	496	402	322	496	496
26*	544	449	359	544	544
27	594	499	399	594	594
28*	647	552	442	647	647
30	760	670	536	760	760
32*	884	804	643	884	884
34	1019	951	761	1019	1019
36	1165	1117	994	1165	1165
41	1579	1442	1154	1579	1579
46	2067	1816	1453	2067	2067
50	2512	2145	1716	2512	2512
55	3140		2077	3140	3140
60	3849		2471	3849	
65	4021				
70	4658				
75	5394				

VİDA AĞIZ ÖLÇÜLERİ
GUIDELINE FOR SCREWDRIVERS

											
"Metrik Vida Metric screw"	**M 1.6 (M 1.7)**	**M 2**	**M 2.3**	**(M 2.3) (M 2.6)**	**M 3**	**(M 3.5)**	**M 4**	**M 5**	**M 6**	**M 8**	**M 10**
Düz başlı Vidalar Flat head screws	0.4 x 3 (3.2)	0.5 x 3.8	0.6 x 4.4	0.6 x 4.5 (5)	0.8 x 5.5	0.8 x 6	1 x 7	1.2 x 8.5	1.6 x 10	2 x 13	2.5 x 16
Düz başlı Vidalar Flat head screws	–	–	–	–	0.8 x 6	0.8 x 7	1 x 8	1.2 x 10	1.6 x 12	2 x 16	2.5 x 20
Düz başlı Vidalar (küçük) Flat head screws (small sizes)	–	–	–	0.4 x 3.5	0.5 x 4	0.5 x 4.5	0.6 x 5.5	0.8 x 6.5	1 x 8	1.2 x 10	1.6 x 13
Oval başlı Vidalar Oval head screws	0.4 x 3	0.5 x 3.8	–	0.6 x 4.7	0.8 x 5.6	–	–	–	–	–	
Havşa başlı Vidalar Countersank head screws	0.4 x 3	0.5 x 3.8	–	0.6 x 4.7	0.8 x 5.6	0.8 x 6.5	1 x 7.5	1.2 x 9.2	1.6 x 11	2 x 14.5	2.5 x 18

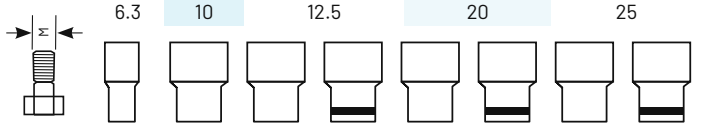
YILDIZ VİDALAR İÇİN UYGUN TORNAVİDA AĞIZ ÖLÇÜLERİ
SUITABLE TİPS FOR CROSS HEAD SCREWS

	
Yıldız Ağız Ölçüsü Cross Slot Size	**Metrik Vidalar Metric Screw**
0	M 1.6 - M 2
1	M 2 - M 2.5 - M 3
2	M 3.5 - M 5
3	M 6
4	M 8 - M 10



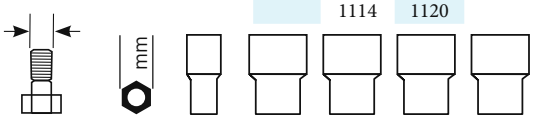
TEKNİK BİLGİLER / *TECHNICAL DATA*

METRİK VİDALAR İÇİN LOKMA SEÇİMİ
GUIDE TO METRİC SİZES COVERED BY SOCKET WRENCHES FOR EACH DRIVE



	1107	1110	1113		1119		1125	
	6.3	10	12.5		20		25	
	1/4"	3/8"	1/2"	1/2"	3/4"	3/4"	1"	1"
M 2	4							
	4,5							
M 2.5	5							
M 3	5,5							
M 3.5	6	6						
M 4	7	7						
M 5	8	8	8					
	9	9	9					
M 6	10	10	10	10				
M 7	11	11	11	11				
	12	12	12	12				
M 8	13	13	13	13				
		14	14	14				
		15	15	15				
M 10		16	16	16				
M 10		17	17	17		17		
M 12		18	18	18	18	18		
M 12		19	19	19	19	19		
		20	20					
M 14		21	21	21	21			
M 14		22	22	22	22	22	22	22
		23	23	23				
M 16			24	24	24	24	24	24
			25					
			26					
M 18			27	27	27	27	27	27
			28					
M 20			30		30	30	30	30
M 22			32		32	32	32	32
					33	33	33	33
M 22			34		34	34	34	34
M 24					36	36	36	36
					38	38	38	38
M 27					41	41	41	41
							42	
M 30					46		46	46
M 33					50		50	
M 36					55		55	
M 39					60		60	
M 42							65	
M 45							70	
M 48							75	
M 52								

LOKMALAR İÇİN MİN DÖNDÜRME MOMENTLERİ
TEST TORQUE VALUES FOR SOCETS ISO 1711-1 (N-m)



		6,3 1107	10 1110	12,5 1113 1114	20 1119 1120	25 1125
	mm	1/4	3/8	1/2	3/4	1
M2	4	10,4				
M 2.2	4.5*	12,6				
M 2.5	5	15,1				
M 3	5,5	17,8				
M 3.5	6*	20,6	23,2			
M 4	7	26,8	33,2			
M 5	8	33,6	45,5	94,1		
	9*	41,1	59,9	119,2		
M 6	10	49,1	76,7	147		
M 7	11	57,8	96	178		
	12	67,0	118	212		
M 8	13	68,6	141	249		
	14*	68,6	169	288		
	15		198	331		
	16		225	377		
M 10	17		225	425		
	18		225	477		
M 12	19*		225	531		
	20*		225	569		
	21		225	569	-	
M 14	22*		225	569	569	
	23*			569	569	
M 16	24			569	569	
	25*			569	583	
	26*			569	624	
M 18	27			569	665	
	28*			569	707	
M 20	30			569	795	
M 22	32*			569	888	
	34			569	984	
M 24	36				1084	1677
M 27	41				1353	1910
M 30	46				1569	2143
M 33	50				1569	2329
M 36	55				1569	2562
M 39	60				1569	2795
M 42	65					2795
M 45	70					2795
M 48	75					2795
M 52	80					2795

SIKMA / TEST TORK DEĞERLERİ
TIGHTENING / TEST TORQUE VALUES

Önerilen (Bağlayıcı olmayan) cıvata sıkma torkları Nm (Newton Metre)
Suggested (Not Compulsory) Bolt Tightening Torque in Nm (Newton Meter)

Kalite Sınıfı DIN 267'ye Göre Sıkma Değerleri
Tightening Torques Values According to Quality Class DIN 267

	4.6	5.6	6.9	8.8	10.9	12.9
M 2	0,123	0,162	0,314	0,373	0,520	0,628
M 2,2	0,196	0,265	0,510	0,598	0,843	1,010
M 2,5	0,284	0,373	0,726	0,863	1,206	1,451
M 3	0,441	0,588	1,128	1,344	1,883	2,256
M 3,5	0,677	0,902	1,736	2,060	2,893	3,481
M 4	1,000	1,344	2,599	3,040	4,315	5,148
M 5	1,916	2,648	5,099	6,031	8,483	10,200
M 6	3,432	4,511	8,728	10,300	14,710	17,652
M 7	5,590	7,453	14,220	17,162	24,517	28,439
M 8	8,238	10,787	21,575	25,497	35,304	42,168
M 10	16,67	21,575	42,168	50,014	70,608	85,317
M 12	28,44	38,246	73,550	87,279	122,60	147,10
M 14	45,11	60,801	116,70	138,30	194,20	235,40
M 16	69,63	93,163	178,5	210,80	299,10	357,90
M 18	95,12	127,50	245,20	289,3	411,90	490,30
M 20	135,3	180,45	384,10	411,90	578,60	696,30
M 22	182,4	245,16	470,70	559,00	784,50	941,40
M 24	230,5	308,91	598,20	711,00	1000	1196
M 27	343,2	460,90	887,50	1049	1481	1775
M 30	465,8	622,72	1206	1422	2010	2403
M 33	632,5	848,30	1628	1932	2716	3266
M 36	814,0	1089	2099	2481	3491	4197
M 39	1059	1412	2716	3226	4531	5443
M 42	1304	1746	3364	3991	5609	6727
M 45	1638	2177	4207	4992	7012	8414
M 48	1981	2638	5080	6021	8473	10150
M 52	2540	3393	6541	7747	10885	13092
M 56	3168	4227	8149	9650	13582	16279
M 60	3932	5247	10101	11964	16867	20202
M 64	4737	6306	12160	14416	20300	24320

Moment Değerleri Yağlanmış Civatalar İçin %20 Azaltılmalıdır.
Torgue Volues Should be Decreased of 20% for Lubricated Screws

Ölçü Birimleri
Measuring Units

Giga	G	1.000.000.000	$=10^9$	1GW= 1 Milyar Watt
Mega	M	1.000.000	$=10^6$	1 MW= 1 Milyon Watt
Kilo	k	1.000	$=10^3$	1 kW= Bin Watt
Milli	m	0.001	$=10^{-3}$	1 mm= Binde Bir Watt
Mikro	m	0.000001	$=10^{-6}$	1 mm= 1 Milyonda Bir Watt
Nano	n	0.000000001	$=10^{-9}$	1 nm= 1 Milyarda Bir Watt

Önemli Ölçülerin Değişim Tablosu
Convertion Table For Essential Measuring Units

Uzunluk Lenght	Metre	m		
Kütle Weight	Kilogram	kg		
Zaman Time	Saniye	s		
Kuvvet Force	Newton	N	=kg m/s²	1 N= 0.102 kp
Döndürme Mom. Torque	Newtonmetre			9.81 Nm= 1kpm
İş Enerjisi Work	Joule	J	=Nm	
Isı Enerjisi Heat	Joule	J		1 J= 0.239 cal
Güç Power	Watt	W	=Nm/s	1 kW= 1.36 PS=860 kcal/h
Basınç Pressure	Pascal	Pa	=N/m²	100.000 Pa=1 bar=10 mWS
Elektrik Akımı Elektricity Current	Amper	A		
Sıcaklık Temparature	Kelvin	K		1K= -272.15 °C

Döndürme Momenti Dönüşüm Tablosu
Convertion Table For Bending Moments

Var Olan Ölçüler/ present units	İstenen Ölçüler / Wanted Units					
	=Ncm	=Nm	=kpcm	=kpm	=lbf.in.	=lbf.ft.
Ncm	1	0.01	0.10197	0.00102	0.0885	0.00738
Nm	100	1	10.197	0.10197	8.851	0.7376
kpcm	9.807	0.09807	1	0.01	0.868	0.0723
kpm	980.07	9.807	100	1	86.796	7.233
lbf.in.	11.298	0.11298	1.152	0.01152	1	0.0833
lbf.ft.	135.58	1.3558	13.825	0.13825	12	1

Newton-Metre ve Librefoot Dönüşüm Tablosu
Convertion Table Of Newton-Meter And Librefoot
(1 Nm=0.738 lbf.ft.)

Nm	0	1	2	3	4	5	6	7	8	9
	ft.,lbs.									
0	0	0.74	1.48	2.21	2.95	3.69	4.43	5.17	5.90	6.64
10	7.38	8.12	8.86	9.59	10.33	11.07	11.81	12.54	13.28	14.02
20	14.76	15.50	16.2	16.97	17.71	18.45	19.19	19.93	20.65	21.40
30	22.14	22.88	23.62	24.35	25.10	25.83	26.57	27.31	28.04	28.78
40	29.52	30.26	31.00	31.73	32.47	33.21	33.95	34.69	35.42	36.16
50	36.90	37.64	38.38	39.11	39.85	40.59	41.33	42.07	42.80	43.54
60	44.28	45.02	45.76	46.49	47.23	47.97	48.71	49.45	50.18	50.92
70	51.66	52.40	53.14	53.87	54.61	55.35	56.09	56.83	57.56	58.30
80	59.04	59.78	60.52	61.25	62.00	62.73	63.47	64.21	64.94	65.68
90	66.42	67.16	67.90	68.63	69.37	70.11	70.85	71.59	72.32	73.06
100	73.80	74.54	75.28	76.01	76.75	77.49	78.23	78.97	79.70	80.44

Librefoot ve Newton-Metre Dönüşüm Tablosu
Convertion Table Of Librefoot And Newton-Meter
(1 lbf.ft.=1.356 Nm)

ft.-lbs.	0	1	2	3	4	5	6	7	8	9
	Nm									
0	0	1.36	2.71	4.07	5.42	6.78	8.14	9.49	10.85	12.20
10	13.56	14.92	16.27	17.63	18.98	20.34	21.70	23.05	24.41	25.76
20	27.12	28.48	29.83	31.19	32.54	33.90	35.26	36.61	37.97	39.32
30	40.68	42.04	43.39	44.75	46.10	47.46	48.82	50.17	51.53	52.88
40	54.24	55.60	56.59	58.31	59.66	61.02	62.38	63.73	65.09	66.44
50	67.80	69.16	70.51	71.87	73.22	74.58	75.94	77.29	78.65	80.00
60	81.36	82.72	84.07	85.43	86.78	88.14	89.50	90.85	92.21	94.36
70	94.92	96.28	97.63	98.99	100.34	101.70	103.06	104.41	105.77	106.72
80	108.48	109.94	111.19	112.19	113.90	115.26	116.62	117.97	119.33	120.68
90	122.04	123.40	124.75	126.11	127.46	128.82	130.18	131.53	132.89	134.24
100	135.60	136.96	138.31	136.67	141.02	142.38	143.74	145.09	146.45	147.80

Newton-Metre ve Kilopound-Metre Dönüşüm Tablosu
Convertion Table Of Newton-Meter and Kilopound-Meter
(1 Nm=0.102 kpm)

Nm	0	1	2	3	4	5	6	7	8	9
	kpm									
0	0.00	1.02	2.04	3.06	4.08	5.10	6.12	7.14	8.16	9.18
100	10.20	11.22	12.24	13.26	14.28	15.30	16.31	17.33	18.35	19.37
200	20.39	21.41	22.43	23.45	24.47	25.49	26.51	27.53	28.55	29.57
300	30.59	31.61	32.63	33.65	34.67	35.69	36.71	37.73	38.75	39.77
400	40.79	41.81	42.83	43.85	44.87	45.89	46.91	47.93	48.95	49.97
500	50.99	52.00	53.02	54.04	55.06	56.08	57.10	58.12	59.14	60.16
600	61.18	62.20	63.22	64.24	65.26	66.28	67.30	68.32	69.34	70.36
700	71.38	72.40	73.42	74.44	75.46	76.48	77.50	78.52	79.54	80.56
800	81.58	82.60	83.62	84.64	85.66	86.68	87.70	88.71	89.73	90.75
900	91.77	92.79	93.81	94.83	95.85	96.87	97.89	98.91	99.93	100.95
1000	101.97	102.99	104.01	105.03	106.05	107.07	108.09	109.11	110.13	111.15

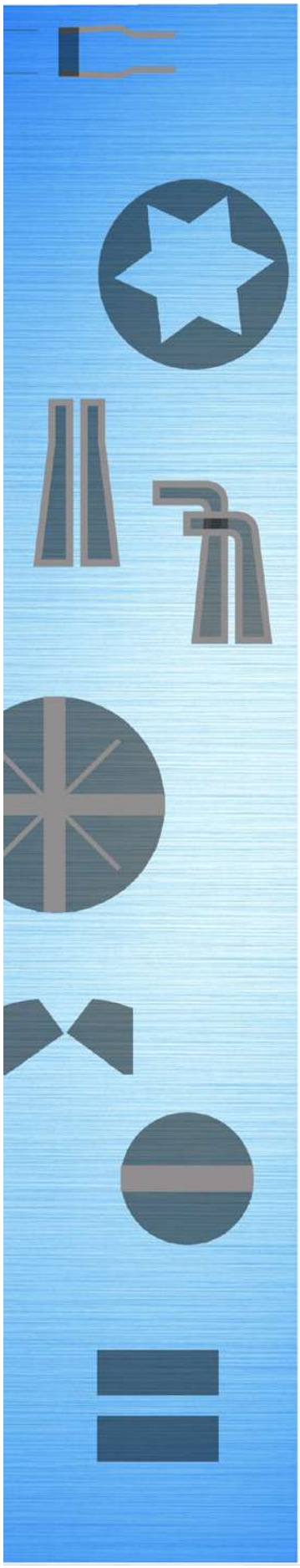


Sertlik Dönüşüm Tablosu
Hardness Convertion Table

Vickers Sertlik Hardness	Brinell Sertlik Hardness	Rockwell Sertlik Hardness		Çekme dayanımı Tensile Strenght
HV 30	HB 30	HRB	HRC	sB N/mm2
80	80.7	36.4	-	270
85	85	42.4	-	290
90	90	47.4	-	310
95	95	52.00	-	320
100	100	56.4	-	340
105	105	60.0	-	360
110	110	63.4	-	380
115	115	66.4	-	390
120	120	69.4	-	410
125	125	72.0	-	420
130	130	74.4	-	440
135	135	76.4	-	460
140	140	78.4	-	470
145	145	80.4	-	490
150	150	82.2	-	500
155	155	83.8	-	520
160	160	85.4	-	540
165	165	86.8	-	550
170	170	88.2	-	570
175	175	89.6	-	590
180	180	90.8	-	600
185	185	91.8	-	620
195	190	91.5	-	640
200	195	94.0	-	660
200	200	95.0	-	670
205	205	95.8	-	680
210	210	96.6	-	710
215	215	97.4	-	720
220	220	98.2	-	730
225	225	99.0	-	750
230	230	-	19.2	760
235	235	-	20.2	780
240	240	-	21.2	800
245	245	-	22.1	820
250	250	-	23.0	830
255	255	-	23.8	850
260	260	-	24.6	870
265	265	-	25.4	880
280	280	-	27.1	900
275	275	-	26.9	920
280	280	-	27.6	940
285	285	-	28.3	950
290	290	-	29.0	970
295	295	-	29.6	990
300	300	-	30.3	1010
310	310	-	31.5	1040
320	320	-	32.7	1080
330	330	-	33.8	1110

Vickers Sertlik Hardness	Brinell Sertlik Hardness	Rockwell Sertlik Hardness		Çekme dayanımı Tensile Strengh
HV 30	HB 30	HRB	HRC	sB N/mm2
340	340	-	34.9	1140
350	350	-	36.0	1170
360	359	-	37.0	1200
370	368	-	38.0	1260
380	376	-	38.9	1260
390	385	-	39.8	1290
400	392	-	40.7	1320
410	400	-	41.5	1350
420	408	-	42.4	1380
440	423	-	44.0	1430
450	430	-	44.8	1460
460	-	-	45.6	-
470	-	-	46.3	-
480	-	-	47.0	-
490	-	-	47.7	-
500	-	-	43.3	-
510	-	-	49.1	-
520	-	-	49.7	-
530	-	-	50.4	-
540	-	-	51.0	-
550	-	-	51.6	-
560	-	-	52.2	-
570	-	-	52.8	-
580	-	-	53.3	-
590	-	-	53.9	-
600	-	-	54.4	-
610	-	-	55.0	-
620	-	-	55.5	-
630	-	-	56.0	-
640	-	-	56.5	-
650	-	-	57.0	-
660	-	-	57.5	-
670	-	-	58.0	-
680	-	-	58.5	-
690	-	-	59.0	-
700	-	-	59.5	-
720	-	-	60.4	-
740	-	-	61.2	-
760	-	-	62.0	-
780	-	-	62.8	-
800	-	-	63.6	-
820	-	-	64.3	-
840	-	-	65.0	-
860	-	-	65.7	-
880	-	-	66.3	-
900	-	-	66.9	-
920	-	-	67.5	-
940	-	-	68.0	-





Semboller / *Symbols*

- **Anahtar Ağzı** Size
- **Ağız Açıklığı** Opening Limit of Jaws
- **Altı Köşe Lokma Bijon Anahtar Ağzı** Six Point Sockets
- **Sekiz Köşe Anahtar Ağzı** Eight Point Wrench
- **On iki Köşe Anahtar Ağzı** Twelve Point Wrench
- **Kare Adaptör** Square Adapter
- **Kovan Anahtar** Tubular Socket Wrench
- **Bir Ağız Bijon Anahtar** Single Ended Rim Wrench
- **TORX® Lokma Ahahtar** TORX® Socket
- **Düz Uç** Flat Tip
- **Yıldız Uç** PHILLIPS® Tip
- **POZIDRIV® Yıldız Uç** POZIDRIV® Tip
- **TORX® Uç** TORX® Tip
- **Delikli TORX® Uç** TORX® with hole
- **Bits Tutucular** Bit Holders
- **Allen Anahtar** Hexagonal Allen Keys
- **Segman** Circlip
- **Gövde Ağırlık** Weight of Body
- **Tapa Anahtar** Wrench for Carter Case
- **işkence** Screw Clamp
- **Çektirme** Puller

in.	dec.in.	0''	1''	2''	3''	4''	5''	6''	7''	8''	9''	10''	11''
		millimeters (mm)											
0	0	0	25.400 0	50.800 0	76.200 0	101.600 0	127.000 0	152.400 0	177.800 0	203.200 0	228.600 0	254.000 0	279.400 0
1/64	0.015 625	0.396 9	25.796 9	51.196 9	76.596 9	101.996 9	127.396 9	152.796 9	178.196 9	203.596 9	228.996 9	254.396 9	279.796 9
1/32	0.031 25	0.793 8	26.193 8	51.593 8	76.993 8	102.393 8	127.793 8	153.193 8	178.593 8	203.993 8	229.393 8	254.793 8	280.193 8
3/64	0.046 875	1.190 6	26.590 6	51.990 6	77.390 6	102.790 6	128.190 6	153.590 6	178.990 6	204.390 6	229.790 6	255.190 6	280.590 6
1/16	0.062 5	1.587 5	26.987 5	52.387 5	77.787 5	103.187 5	128.587 5	153.987 5	179.387 5	204.787 5	230.187 5	255.587 5	280.987 5
5/64	0.078 125	1.984 4	27.384 4	52.784 4	78.184 4	103.584 4	128.984 4	154.384 4	179.784 4	205.184 4	230.584 4	255.984 4	281.384 4
3/32	0.093 75	2.381 2	27.781 2	53.181 2	78.581 2	103.981 2	129.381 2	154.781 2	180.181 2	205.581 2	230.981 2	256.381 2	281.781 2
7/64	0.109 375	2.778 1	28.178 1	53.578 1	78.978 1	104.378 1	129.778 1	155.178 1	180.578 1	205.978 1	231.378 1	256.778 1	282.178 1
1/8	0.125	3.175 0	28.575 0	53.975 0	79.375 0	104.775 0	130.175 0	155.575 0	180.975 0	206.375 0	231.775 0	257.175 0	282.575 0
9/64	0.140 625	3.571 9	28.971 9	54.371 9	79.771 9	105.171 9	130.571 9	155.971 9	181.371 9	206.771 9	232.171 9	257.571 9	282.971 9
5/32	0.156 25	3.968 8	29.368 8	54.768 8	80.168 8	105.568 8	130.968 8	156.368 8	181.768 8	207.168 8	232.568 8	257.968 8	283.368 8
11/64	0.171 875	4.365 6	29.765 6	55.165 6	80.165 6	105.965 6	131.365 6	156.765 6	182.165 6	207.565 6	232.965 6	258.365 6	283.765 6
3/16	0.187 5	4.762 5	30.162 5	55.562 5	80.962 5	106.362 5	131.762 5	157.162 5	182.562 5	207.962 5	233.362 5	258.762 5	284.162 5
13/64	0.203 125	5.159 4	30.559 4	55.959 4	81.359 4	106.759 4	132.159 4	157.559 4	182.959 4	208.359 4	233.759 4	259.159 4	284.559 4
7/32	0.218 75	5.556 2	30.956 2	56.356 2	81.756 2	107.156 2	132.556 2	157.956 2	183.356 2	208.756 2	234.156 2	259.556 2	284.956 2
15/64	0.234 375	5.953 1	31.353 1	56.753 1	82.153 1	107.553 1	132.953 1	158.353 1	183.753 1	209.153 1	234.553 1	259.953 1	258.353 1
1/4	0.25	6.350 0	31.750 0	57.150 0	82.550 0	107.950 0	133.350 0	158.750 0	184.150 0	209.550 0	234.950 0	260.350 0	285.750 0
17/64	0.265 625	6.746 9	32.146 9	57.546 9	82.946 9	108.346 9	133.746 9	159.146 9	184.546 9	209.946 9	235.346 9	260.746 9	286.146 9
9/32	0.281 25	7.143 8	32.543 8	57.943 8	83.343 8	108.743 8	134.143 8	159.543 8	184.943 8	210.343 8	235.743 8	261.143 8	286.543 8
19/64	0.296 875	7.540 6	32.940 6	58.340 6	83.740 6	109.140 6	134.540 6	159.940 6	185.340 6	217.140 6	236.140 6	261.540 6	286.940 6
5/16	0.312 5	7.937 5	33.337 5	58.737 5	84.137 5	109.537 5	134.937 5	160.337 5	185.737 5	211.137 5	236.537 5	261.937 5	287.337 5
21/64	0.328 125	8.334 4	33.734 4	59.134 4	84.534 4	109.934 4	135.334 4	160.734 4	186.134 4	211.534 4	236.934 4	262.334 4	287.734 4
11/32	0.343 75	8.731 2	34.131 2	59.531 2	84.931 2	110.331 2	135.731 2	161.131 2	186.531 2	211.931 2	237.331 2	262.731 2	288.131 2
23/64	0.359 375	9.128 1	34.528 1	59.928 1	85.328 1	110.728 1	136.128 1	161.528 1	186.928 1	212.328 1	237.728 1	263.128 1	288.528 1
3/8	0.375	9.525 0	34.925 0	60.325 0	85.725 0	111.125 0	136.525 0	161.925 0	187.325 0	212.725 0	238.125 0	263.525 0	288.925 0
25/64	0.390 625	9.921 9	35.321 9	60.121 9	86.121 9	111.521 9	136.921 9	162.321 9	187.721 9	231.121 9	238.521 9	263.921 9	289.321 9
13/32	0.406 25	10.318 8	35.718 8	61.118 8	86.518 8	111.918 8	137.318 8	162.718 8	188.118 8	213.518 8	238.918 8	264.318 8	289.718 8
27/64	0.421 875	10.715 6	36.115 6	61.515 6	86.915 6	112.315 6	137.715 6	163.115 6	188.515 6	213.915 6	239.315 6	264.715 6	290.115 6
7/16	0.437 5	11.112 5	36.512 5	61.912 5	87.312 5	112.712 5	138.112 5	163.512 5	188.912 5	214.312 5	239.712 5	265.112 5	290.512 5
29/64	0.453 125	11.509 4	36.909 4	62.309 4	87.709 4	113.109 4	138.509 4	163.909 4	189.309 4	214.709 4	240.109 4	265.509 4	290.909 4
15/32	0.468 75	11.906 2	37.306 2	62.106 2	88.106 2	113.506 2	138.906 2	164.306 2	189.706 2	215.106 2	240.506 2	265.906 2	291.306 2
31/64	0.484 375	12.303 1	37.703 1	63.103 1	88.503 1	113.903 1	139.303 1	164.703 1	190.103 1	215.503 1	240.903 1	266.303 1	291.703 1
1/2	0.5	12.700 0	38.100 0	63.500 0	88.900 0	114.300 0	139.700 0	165.100 0	190.500 0	215.900 0	241.300 0	266.700 0	292.100 0
33/64	0.515 625	13.096 9	38.496 9	63.896 9	89.296 9	114.696 9	140.096 9	165.496 9	190.896 9	216.296 9	241.696 9	267.096 9	292.496 9
17/32	0.531 25	13.493 8	38.893 8	64.293 8	89.693 8	115.093 8	140.493 8	165.893 8	191.293 8	216.693 8	242.093 8	267.493 8	292.893 8
35/64	0.546 875	13.890 6	39.290 6	64.690 6	90.090 6	115.490 6	140.890 6	166.290 6	191.690 6	217.090 6	242.490 6	267.890 6	293.290 6
9/16	0.562 5	14.287 5	39.687 5	65.087 5	90.487 5	115.887 5	141.287 5	166.687 5	192.087 5	217.487 5	242.887 5	268.287 5	293.687 5
37/64	0.578 125	14.684 4	40.084 4	65.484 4	90.884 4	116.284 4	141.684 4	167.084 4	192.484 4	217.884 4	243.284 4	268.684 4	294.084 4
19/32	0.593 75	15.081 2	40.481 2	65.881 2	91.281 2	116.681 2	142.081 2	167.481 2	192.881 2	218.281 2	243.681 2	269.081 2	294.481 2
39/64	0.609 375	15.478 1	40.878 1	66.278 1	91.678 1	117.078 1	142.478 1	167.878 1	193.278 1	218.678 1	244.078 1	269.478 1	294.878 1
5/8	0.625	15.875 0	41.275 0	66.675 0	92.075 0	117.475 0	142.875 0	168.275 0	193.675 0	219.275 0	244.475 0	269.875 0	295.275 0
41/64	0.640 625	16.271 9	41.671 9	67.071 9	92.471 9	117.871 9	143.271 9	168.671 9	194.071 9	219.471 9	244.871 9	270.271 9	295.671 9
21/32	0.656 25	16.668 8	42.068 8	67.468 8	92.868 8	118.268 8	143.668 8	169.068 8	194.468 8	219.868 8	245.268 8	270.668 8	296.068 8
43/64	0.671 875	17.065 6	42.465 6	67.865 6	93.265 6	118.665 6	144.065 6	169.465 6	194.865 6	220.265 6	245.665 6	271.065 6	296.465 6
11/16	0.687 5	17.462 5	42.862 5	68.262 5	93.662 5	119.062 5	144.462 5	169.862 5	195.262 5	220.662 5	246.062 5	271.462 5	296.862 5
45/64	0.703 125	17.859 4	43.259 4	68.659 4	94.059 4	119.459 4	144.859 4	170.259 4	195.659 4	221.059 4	246.459 4	271.859 4	297.259 4
23/32	0.718 75	18.256 2	43.656 2	69.056 2	94.456 2	119.856 2	145.256 2	170.656 2	196.056 2	221.456 2	246.856 2	272.256 2	297.656 2
47/64	0.734 375	18.653 1	44.053 1	69.453 1	94.853 1	120.253 1	145.653 1	171.053 1	196.453 1	221.853 1	247.253 1	272.653 1	298.053 1
3/4	0.75	19.050 0	44.450 0	69.850 0	95.250 0	120.650 0	146.050 0	171.450 0	196.850 0	222.250 0	247.650 0	273.050 0	298.450 0
49/64	0.765 625	19.446 9	44.846 9	70.246 9	95.646 9	121.046 9	146.446 9	171.846 9	197.246 9	222.646 9	248.046 9	273.446 9	298.846 9
25/32	0.781 25	19.843 8	45.243 8	70.643 8	96.043 8	121.443 8	146.843 8	172.243 8	197.643 8	222.043 8	248.443 8	273.843 8	299.243 8
51/64	0.796 875	20.240 6	45.640 6	71.040 6	96.440 6	121.840 6	147.240 6	172.640 6	198.040 6	223.440 6	248.840 6	274.240 6	299.640 6
13/16	0.812 5	20.637 5	46.037 5	71.437 5	96.837 5	122.237 5	147.637 5	173.037 5	198.437 5	223.837 5	249.237 5	274.637 5	300.037 5
53/64	0.828 125	21.034 4	46.434 4	71.834 4	97.234 4	122.634 4	148.034 4	173.434 4	198.834 4	224.234 4	249.634 4	275.034 4	300.434 4
27/32	0.843 75	21.431 2	46.831 2	72.231 2	97.631 2	123.031 2	148.431 2	173.831 2	199.231 2	224.631 2	250.031 2	275.431 2	300.831 2
55/64	0.859 375	21.828 1	47.228 1	72.628 1	98.028 1	123.428 1	148.828 1	174.228 1	199.628 1	225.028 1	250.428 1	275.828 1	301.228 1
7/8	0.875	22.225 0	47.625 0	73.025 0	98.425 0	123.825 0	149.225 0	174.625 0	200.025 0	225.425 0	250.825 0	276.225 0	301.625 0
57/64	0.890 625	22.621 9	48.021 9	73.421 9	98.821 9	124.221 9	149.621 9	175.021 9	200.421 9	225.821 9	251.221 9	276.621 9	302.021 9
29/32	0.906 25	23.018 8	48.818 8	73.818 8	99.218 8	124.618 8	150.018 8	175.418 8	200.818 8	226.218 8	251.618 8	277.018 8	302.418 8
59/64	0.921 875	23.415 6	48.815 6	74.215 6	99.615 6	125.015 6	150.415 6	175.815 6	201.215 6	226.615 6	252.015 6	277.415 6	302.815 6
15/16	0.937 5	23.812 5	49.212 5	74.612 5	100.012 5	125.412 5	150.812 5	176.212 5	201.612 5	227.012 5	252.412 5	277.812 5	303.212 5
61/64	0.953 125	24.209 4	49.609 4	75.009 4	100.409 4	125.809 4	151.209 4	176.609 4	202.009 4	227.409 4	252.809 4	278.209 4	303.609 4
31/32	0.968 75	24.606 2	50.006 2	75.406 2	100.806 2	126.206 2	151.606 2	177.006 2	202.406 2	227.806 2	253.206 2	278.606 2	304.006 2
63/64	0.984 375	25.003 1	50.403 1	75.803 1	101.203 1	126.603 1	152.003 1	177.403 1	202.803 1	228.203 1	253.603 1	279.003 1	304.403 1

in.	dec.in.	12''	13''	14''	15''	16''	17''	18''	19''	20''	21''	22''	23''
		millimeters (mm)											
0	0	304.800 0	330.200 0	355.600 0	381.000 0	406.400 0	431.800 0	457.200 0	482.600 0	508.000 0	533.400 0	558.800 0	584.200 0
1/32	0.031 25	305.593 8	330.993 8	356.393 8	381.793 8	407.193 8	432.593 8	457.993 8	483.393 8	508.793 8	534.193 8	559.593 8	584.993 8
1/16	0.062 5	306.387 5	331.787 5	357.187 5	382.587 5	407.987 5	433.387 5	458.787 5	484.187 5	509.587 5	534.987.5	560.387 5	585.787 5
3/32	0.093 75	307.181 2	332.581 2	357.981 2	383.381 2	408.781 2	434.181 2	459.581 2	484.981 2	510.381 2	535.781 2	561.181 2	586.581 2
1/8	0.125	307.975 0	333.375 0	358.775 0	384.175 0	409.575 0	434.975 0	460.375 0	485.775 0	511.175 0	536.575 0	561.975 0	587.375 0
5/32	0.156 25	308.768 8	334.168 8	359.568 8	384.968 8	410.368 8	435.768 8	461.168 8	486.568 8	511.968 8	537.368 8	562.768 8	588.168 8
3/16	0.187 5	309.562 5	334.962 5	360.362 5	385.762 5	411.162 5	436.562 5	461.962 5	487.362 5	512.762 5	538.162 5	563.562 5	588.962 5
7/32	0.218 75	310.356 2	335.756 2	361.156 2	386.556 2	411.956 2	437.356 2	462.756 2	488.156 2	513.556 2	538.956 2	564.356 2	589.756 2
1/4	0.25	311.150 0	336.550 0	361.950 0	387.350 0	412.750 0	438.150 0	463.550 0	488.950 0	514.350 0	539.750 0	565.150 0	590.550 0
9/32	0.281 25	311.943 8	337.343 8	362.743 8	388.143 8	413.543 8	438.943 8	464.343 8	489.743 8	515.143 8	540.543 8	565.943 8	591.343 8
5/16	0.312 5	312.737 5	338.137 5	363.537 5	388.937 5	414.337 5	439.737 5	465.137 5	490.537 5	515.937 5	541.337 5	566.737 5	592.137 5
11/32	0.343 75	313.531 2	338.931 2	364.331 2	389.731 2	415.131 2	440.531 2	465.931 2	491.331 2	516.731 2	542.131 2	567.531 2	592.931 2
3/8	0.375	314.325 0	339.725 0	365.125 0	390.525 0	415.925 0	441.325 0	466.725 0	492.125 0	517.525 0	542.925 0	568.325 0	593.725 0
13/32	0.406 25	315.118 8	340.518 8	365.918 8	391.318 8	416.718 8	442.118 8	467.518 8	492.918 8	518.318 8	543.718 8	569.118 8	594.518 8
7/16	0.437 5	315.912 5	341.312 5	366.712 5	392.112 5	417.512 5	442.912 5	468.312 5	493.712 5	519.112 5	544.512 5	569.912 5	595.312 5
15/32	0.468 75	316.706 2	342.106 2	367.506 2	392.906 2	418.306 2	443.706 2	469.106 2	494.506 2	519.906 2	545.306 2	570.706 2	596.106 2
1/2	0.5	317.500 0	342.900 0	368.300 0	393.700 0	419.100 0	444.500 0	469.900 0	495.300 0	520.700 0	546.100 0	571.500 0	596.900 0
17/32	0.531 25	318.293 8	343.693 8	369.093 8	394.493 8	419.893 8	445.293 8	470.693 8	496.093 8	521.493 8	546.893 8	572.293 8	597.693 8
9/16	0.562 5	319.087 5	344.487 5	369.887 5	395.287 5	420.687 5	446.087 5	471.487 5	496.887 5	522.287 5	547.687 5	573.087 5	598.487 5
19/32	0.593 75	319.881 2	345.281 2	370.681 2	396.081 2	421.481 2	446.881 2	472.281 2	497.681 2	523.081 2	548.481 2	573.881 2	599.281 2
5/8	0.625	320.675 0	346.075 0	371.475 0	396.875 0	422.275 0	447.675 0	473.075 0	498.475 0	523.875 0	549.275 0	574.675 0	600.075 0
21/32	0.656 25	321.468 8	346.868 8	372.268 8	397.668 8	423.068 8	448.468 8	473.868 8	499.268 8	524.668 8	550.068 8	575.468 8	600.868 8
11/16	0.687 5	322.262 5	347.662 5	373.062 5	398.462 5	423.862 5	449.262 5	474.662 5	500.062 5	525.462 5	550.862 5	576.262 5	601.662 5
23/32	0.718 75	323.056 2	348.456 2	373.856 2	399.256 2	424.656 2	450.056 2	475.456 2	500.856 2	526.256 2	551.656 2	577.056 2	602.456 2
3/4	0.75	323.850 0	349.250 0	374.650 0	400.050 0	424.450 0	450.850 0	476.250 0	501.650 0	527.050 0	552.450 0	577.850 0	603.250 0
25/32	0.781 25	324.643 8	350.043 8	375.443 8	400.843 8	426.243 8	451.643 8	477.043 8	502.443 8	527.843 8	553.243 8	578.643 8	604.043 8
13/16	0.812 5	325.437 5	350.837 5	376.237 5	401.637 5	427.037 5	452.437 5	477.837 5	503.237 5	528.637 5	554.037 5	579.437 5	604.837 5
27/32	0.843.75	326.231 2	351.631 2	377.031 2	402.431 2	427.831 2	453.231 2	478.631 2	504.031 2	529.431 2	554.831 2	580.231 2	605.631 2
7/8	0.875	327.025 0	352.425 0	377.825 0	403.225 0	428.625 0	454.025 0	479.425 0	504.825 0	530.225 0	555.625 0	581.025 0	606.425 0
29/32	0.906 25	327.818 8	353.218 8	378.618 8	404.018 8	429.418 8	454.818 8	480.218 8	505.618 8	531.018 8	556.418 8	581.818 8	607.218 8
15/16	0.937 5	328.612 5	354.012 5	379.412 5	404.812 5	430.212 5	455.612 5	481.012 5	506.412 5	531.812 5	557.212 5	582.612 5	608.012 5
31/32	0.968 75	329.406 2	354.806 2	380.206 2	405.606 2	431.006 2	456.406 2	481.806 2	507.206 2	532.606 2	558.006 2	583.406 2	608.806 2

KALİTE GÜVENCE TESTLERİ / *QUALITY ASSURANCE TEST*

























YASAL UYARILAR / *LEGAL NOTICE*

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