

- **RULMAN**
- **HIRDAVAT**
- **CIVATA**

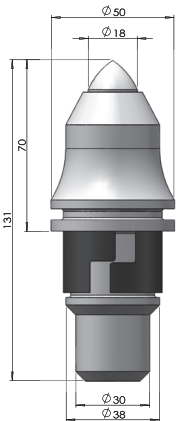




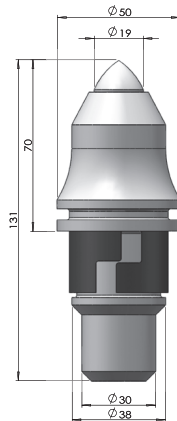
WALTHER AUSTRIA



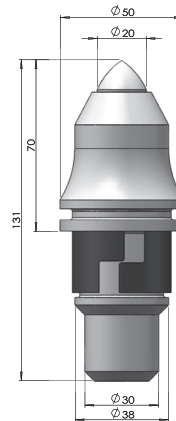




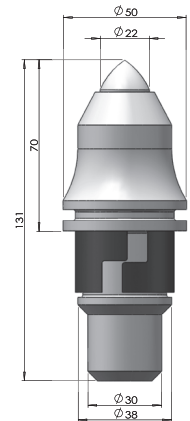
50/30-18 



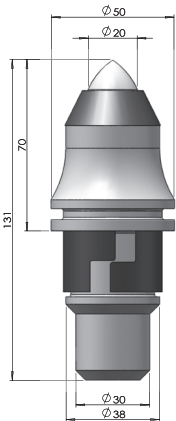
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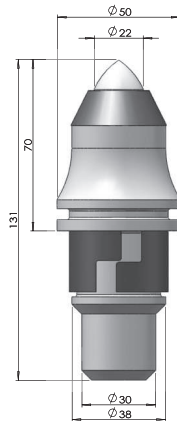
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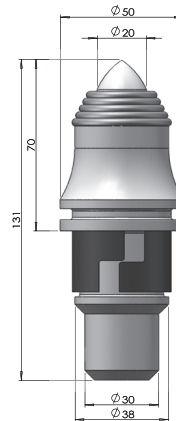
50/30-22 



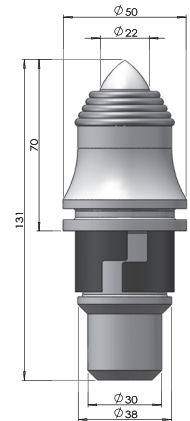
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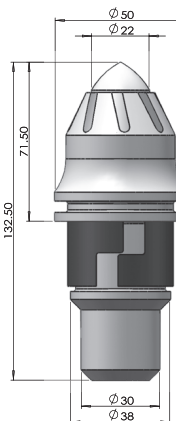
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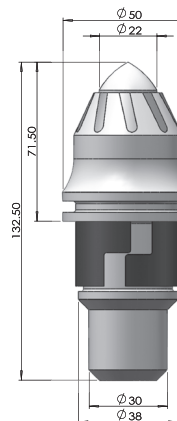
50/30-20N 



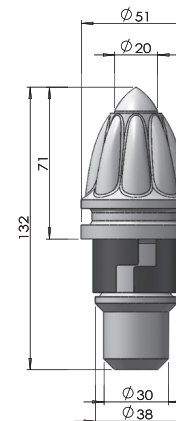
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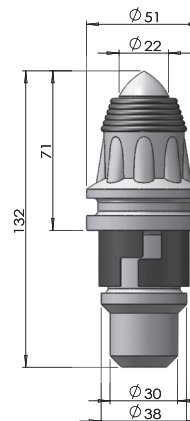
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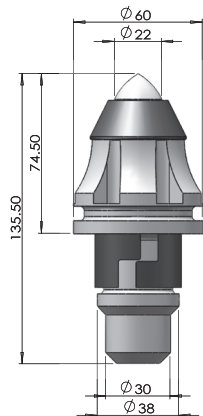
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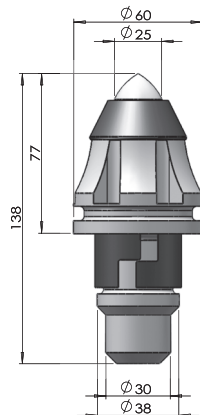
50/30-20J 



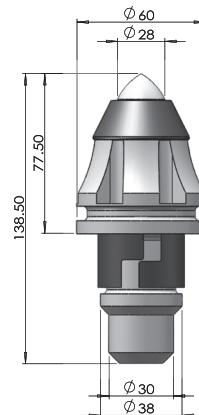
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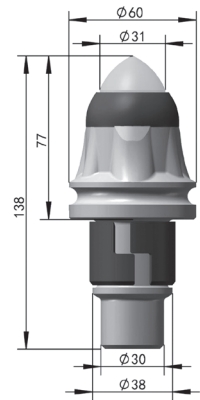
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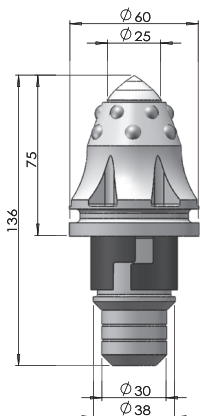
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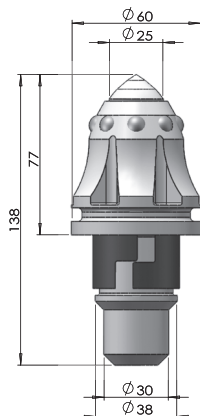
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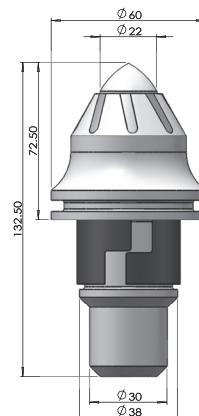
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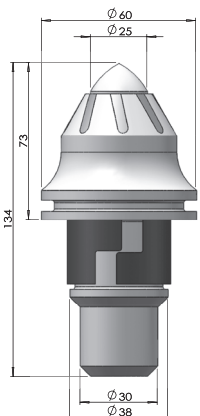
60/30-25-6L Q10 



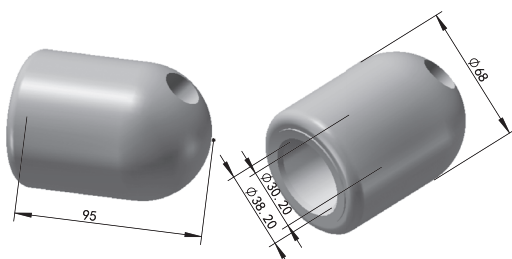
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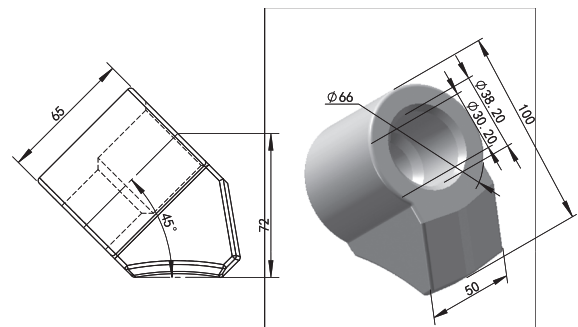
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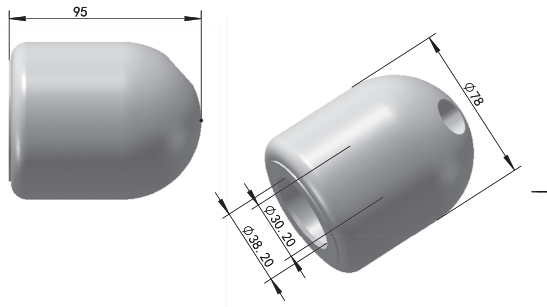
60/30-25N8 



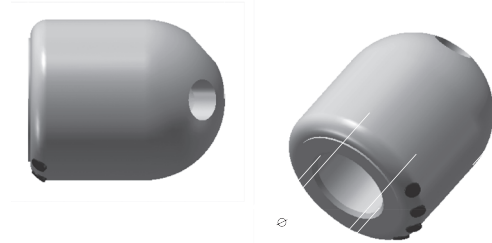
S68-95 



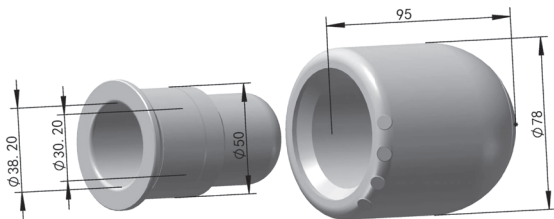
B43 



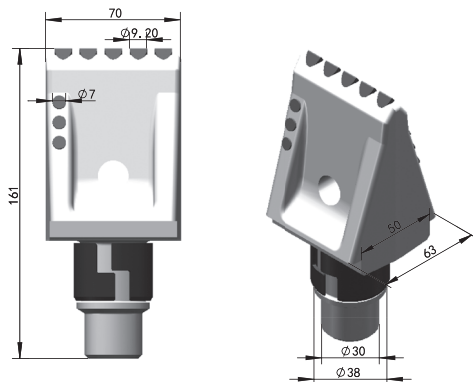
S78-95 



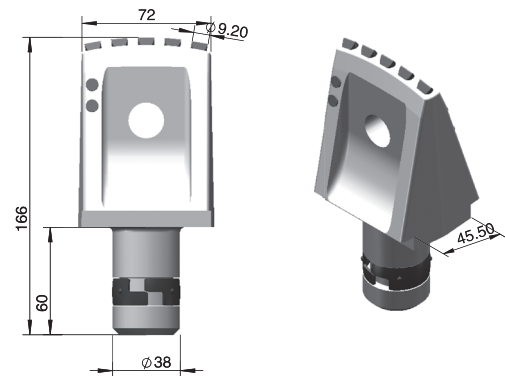
HJ78-95 



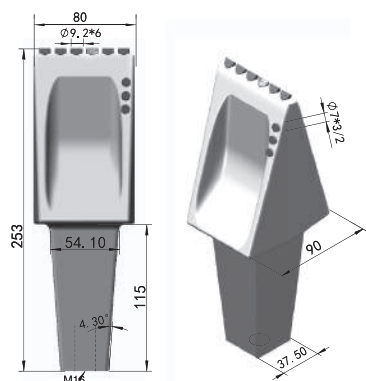
SL78-95 



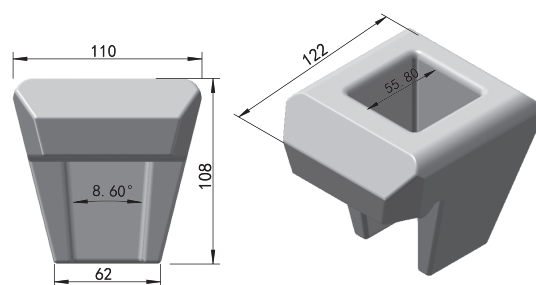
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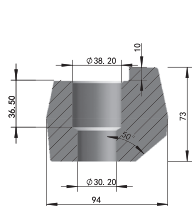
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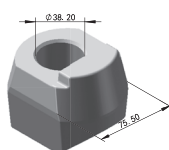
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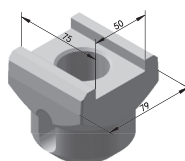
HR73



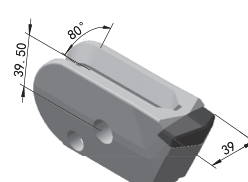
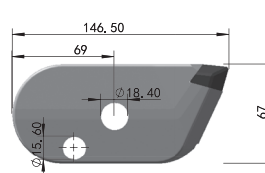
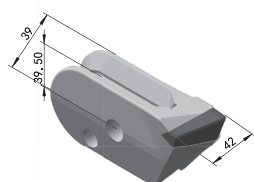
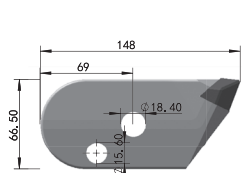
B48



B75



FZH72





ROAD MILLING TOOLS

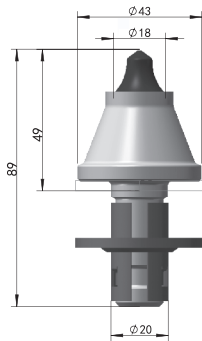
Our product choose high-quality tungsten carbide produced by well-known international companies and high-quality steel body for meeting domestic and foreign maintenance construction conditions of highways, urban roads, cement and asphalt pavements etc., we developed and produced various types of milling tools with good wear resistance, long service life, convenient replacement and high work efficient.



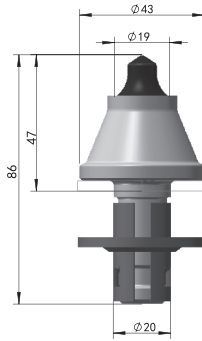
ROAD MILLING TOOLS



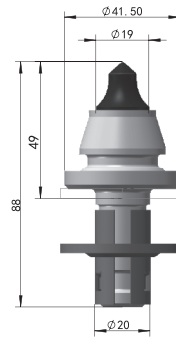
WALTHER
AUSTRIA



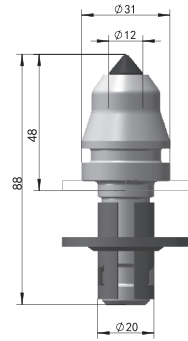
RP01



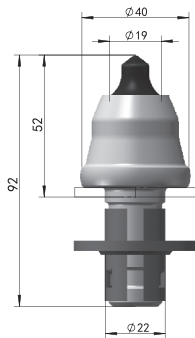
RP05



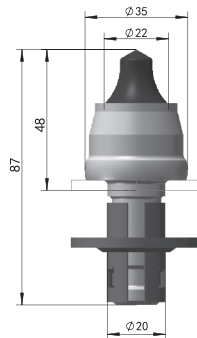
RP15



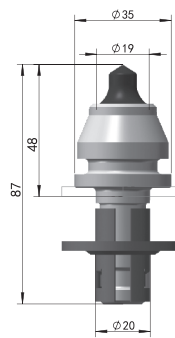
RP21



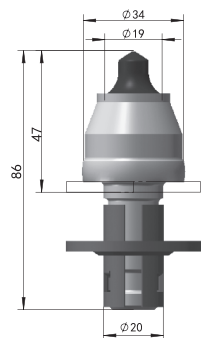
SR03



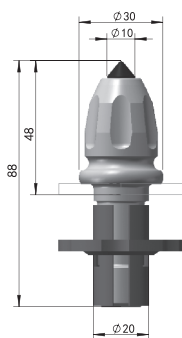
PZ08



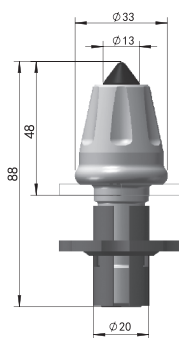
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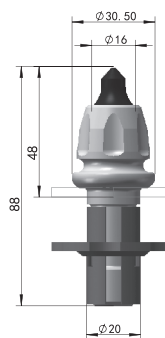
RZ05



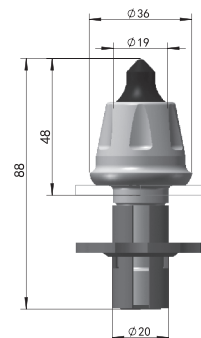
W1-10R



W1-13R



W4ER



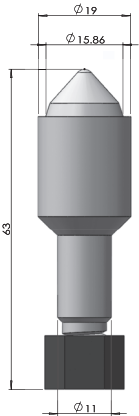
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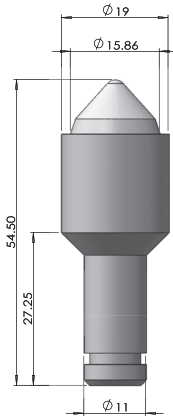
Trenching Tools



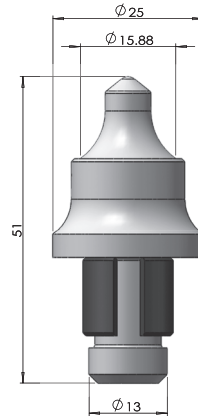
WALTHER
AUSTRIA



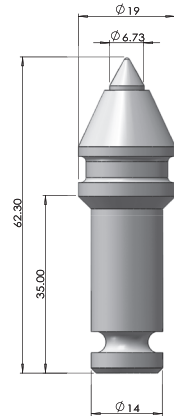
CM41



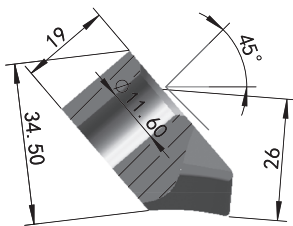
CM42



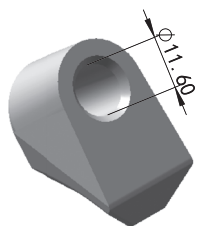
CM51



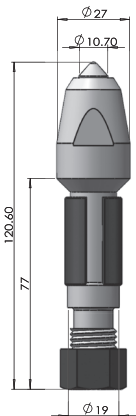
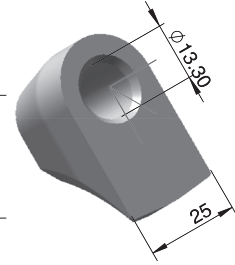
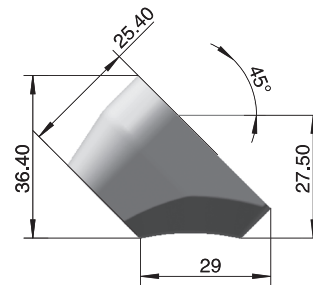
CM61



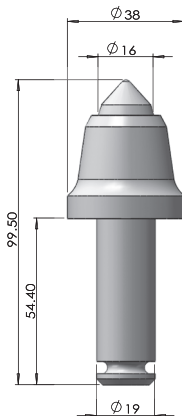
CMB4



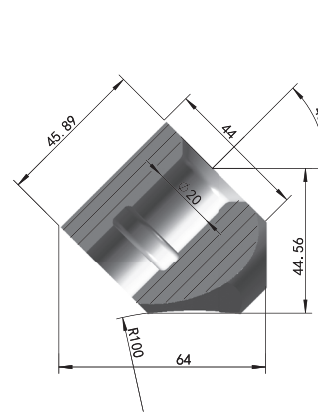
CMB5B lock



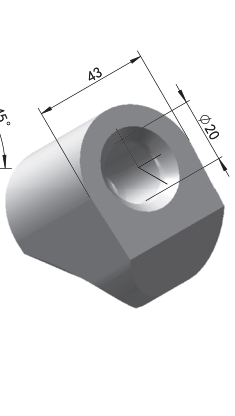
C1LRT



C3R



C10H





İNİTALY 
ITALY

WALTHER 
AUSTRIA

WALTHER 
GERMANY

Madesto 

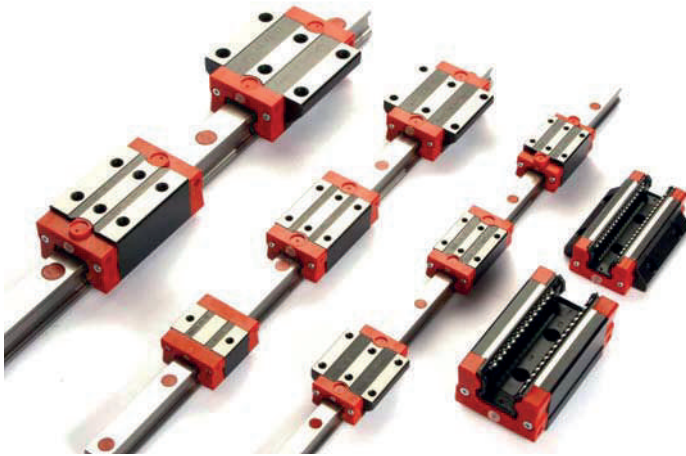




ARABA-RAY

Lineer Kızaklar ve Arabaları

Vidalı Mil ve Somunları



Liner Kızak ve Arabalar		Ray dahil Komple Yükseklik	Delik Merkezi En/Boy	Araba Komple Uzunluk	Araba Genişlik mm	Dinamik Yük (kN)	Statik Yük (kN)
GENİŞ ARABA	GHW 15	24	38x30	61.4	47	11.38	16.97
	GHW 20	30	53x40	77.5	63	17.75	27.76
	GHW 25	36	57x45	84.0	70	26.48	36.49
	GHW 30	42	72x52	97.40	90	38.74	52.19
	GHW 35	48	82x62	112.40	100	49.52	69.16
	GHW 45	60	100x80	139.40	120	77.57	102.71
DAR TİP STANDART	GHH 15	28	26x26	61.4	34	11.38	16.97
	GHH 20	30	32x36	77.5	44	17.75	27.76
	GHH 25	40	35x35	84.0	48	26.48	36.49
	GHH 30	45	40x40	97.40	60	38.74	52.19
	GHH 35	55	50x50	112.40	70	49.52	69.16
	GHH 45	70	60x60	139.40	86	77.57	102.71
GENİŞ UZUN ARABA	GHWL 15	30	53x40	92.20	63	21.18	35.90
	GHWL 20	36	57x45	104.60	70	32.75	49.44
	GHWL 25	42	72x52	120.40	90	47.27	69.16
	GHWL 30	48	82x62	138.20	100	60.21	91.63
	GHWL 35	60	100x80	171.20	120	94.54	136.46
DAR UZUN ARABA	GHHL 15	30	32x50	92.20	44	21.18	35.90
	GHHL 20	40	35x50	104.60	48	32.75	49.44
	GHHL 25	45	40x60	120.40	60	47.27	69.16
	GHHL 30	55	50x72	138.20	70	60.21	91.63
	GHHL 35	70	60x80	171.20	86	94.54	136.46
DAR TİP İNCE (Dört Delikli)	GHF 15	24	26x26	56.8	34	7.83	16.19
	GHF 20	28	32x32	69.1	42	10.31	21.13
	GHF 25	36	35x35	82.60	48	16.27	32.40
	GHF 30	42	40x40	98.1	60	23.70	47.46
	GHF 35	48	50x50	108	70	33.35	64.84

Saç Alttan Destekli Mil



LMEK



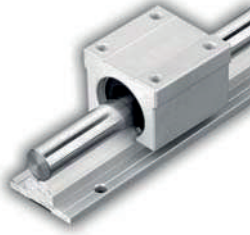
LMEF



LME



Saç Alttan Destekli Mil



SBR



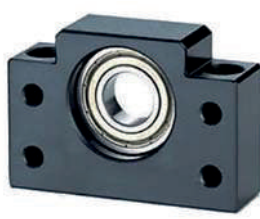
SCE



Somun Gövdesi



BF Mil Tutucu



SCE



TBR



SK-SHF Mil Tutucuları



BK Mil Tutucu



İndüksiyonlu ve Kromlu Miller



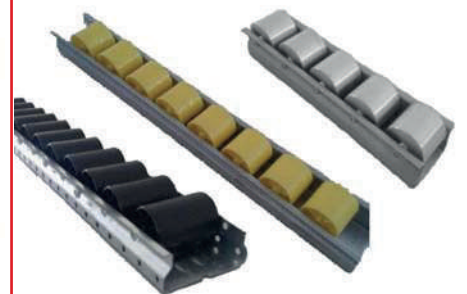
Sigma Profil



Masaüstü Rulmanları



Makara Kanalları



Zincir Dişlisi



Dişli Zinciri

Triger Kasnaklar



Triger Kayışları

Kramiyer Dişliler



Zaman Kayışları



DK Kaplin



Kaplinler



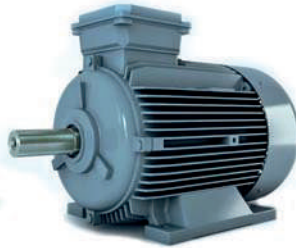
Kaplin



Yıldız Kaplin



Elektrik Motorları



Redüktörlü Motor



Motor Kızakları



Rulman Yatağı



Kasnaklar



Hazır Kama



Kilitli Burçlar



Rulman Çeşitleri



UCT Yatak



UCP Yatak



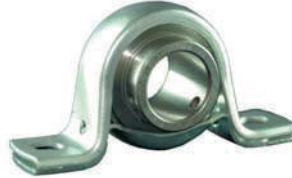
UCFL Yatak



UCFC Yatak



UCF Yatak



PP Yatak



POS



PHS



PFL



PF



KR



Konik Rulman



Konik Rulman



KH (İğneli)



İğneli



Bute Rulman

Bute Rulman



Bute Rulman



İstavroz



Paslanmaz Yataklar



Masura Rulmanlı



Masura Rulmanlı



Minyatür Yataklar



GE Serisi



Bakalit Kelebek



Bakalit Topuz



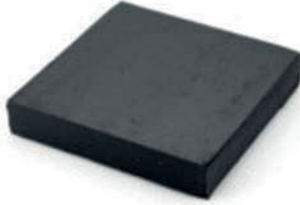
Sustalı Kol



Döner Volant Kolu



Kauçuk Tabaka



Bakalit Tutamak



Alüminyum Tutamak



Krom Mafsallı Ayak



Krom Ayak



Tezgah Ayağı



Kauçuk Takoz



Volant



Rotil Ayak



Kauçuk Levha



Clamp



Clamp



Pnömatik Clamp



Pnömatik Clamp



Clamp



Clamp



Clamp



Yaprak Menteşe



Yaprak Menteşe



Pano Kilidi



Pano Kilidi



Pano kilidi



Pano kilidi



Pano kilidi



Pano kilidi Anahtarı



Bağlantı Elemanları

Anahtar Başlı Civatalar 	Anahtar Başlı Civatalar 	Alyen Başlı Civatalar 	Havşa Başlı Civatalar 
Bombe Başlı Civatalar 	Saplama 	U-Bolt 	YSB Matkap Uçlu Vida 
YHB Matkap Uçlu Vida 	Alçıpan Vidası 	Matkap Uçlu Alçıpan Vidası 	Buldex Vida 
Saç Vidası 	Sunta Vidası 	Matkap Uçlu Çatı Vidası 	Çakmalı Çelik Dübel 
Çekmeli Çelik Dübel 	Civatalı Borulu Çelik Dübel 	Saç Gömlekli Çelik Dübel 	Klipsli Çelik Dübel 
Asma Tavan Dübeli 	Ağır Yük Dübeli 	S Tipi Çelik Dübel 	Kancalı Çelik Dübel 
Metal Boşluk Dübeli 	Metal Turbolet 	Kasa Dübeli 	Perçin Çeşitleri 

Gazaltı Kaynak Teli



Elektrot



Kaynak Pensesi



Şase Pensesi



Kaynak Torçu



Oksijen Saati



Aygaz Saati



Kesme Hamlacı



Şaloma Takımı



Tik Kaynak Teli



Tungsten elektrot



Kafa Maskesi



Elmas Kalıpcı Taşlama



Kılavuz Çeşitleri



Karbür Freze



Kater ve Tarama Kafaları



Hafsa Frezeler



Kademeli Matkap



Tin Kaplı Kılavuz



Geçer Geçmez Master



Mandren



Paftalar



Mikrometre



Kumpaslar



Kompresör Saati



Paftalar



Kalıp Yayıları



Kalıp Burçları



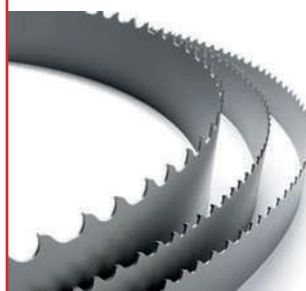
Torna Aynası



Döner Punta



Şerit Testere



Freze Pensleri



Kılavuzlar İçin Kullanılması Gereken Matkap Çapları

METRİK ISO VİDALAR DIN 13		İNCE VİDA UNF - NF		METRİK ISO TRAPEZ VİDA DIN 103			WHITWORTH BORU VİDA DIN11	
Anma Çapı (inch)	Matkap Çapı (mm)	Anma Çapı (inch)	Matkap Çapı (mm)	Anma Çapı (inch)	Hatve (mm)	Matkap Çapı (mm)	Anma Çapı (inch)	Matkap Çapı (mm)
M 1x0,25	0,75	Nr. 0	1,25	Tr 8	1,5	6,60	G 1/8"	8,80
M 1,1x0,25	0,85	Nr. 1	1,55	Tr 10	1,5	8,60	G 1/4"	11,80
M 1,2x0,25	0,95	Nr. 2	1,90	Tr 10	2	8,20	G 3/8"	15,25
M 1,4x0,3	1,10	Nr. 3	2,15	Tr 10	3	7,50	G 1/2"	19,00
M 1,6x0,35	1,25	Nr. 4	2,40	Tr 12	2	10,20	G 5/8"	21,00
M 1,7x0,35	1,30	Nr. 5	2,70	Tr 12	3	9,25	G 3/4"	24,50
M 1,8x0,35	1,45	Nr. 6	2,95	Tr 14	2	12,20	G 7/8"	28,25
M 2x0,4	1,60	Nr. 8	3,50	Tr 14	3	11,25	G 1"	30,75
M 2,2x0,45	1,75	Nr.10	4,10	Tr 14	4	12,25	G 1 1/8"	35,50
M 2,3x0,4	1,90	Nr.12	4,70	Tr 16	4	12,25	G 1 1/4"	39,00
M 2,5x0,45	2,05	1/4"	5,50	Tr 18	4	14,25	G 1 3/8"	42,50
M 2,6x0,45	2,10	5/16"	6,90	Tr 20	4	16,25	G 1 1/2"	45,50
M 3x0,5	2,50	3/8"	8,50	Tr 22	5	17,25	G 1 3/4"	51,00
M 3,5x0,6	2,90	7/16"	9,90	Tr 24	5	19,25	G 2"	57,00
M 4x0,7	3,30	1/2"	11,50	Tr 26	5	21,25	G 2 1/4"	63,00
M 4,5x0,75	3,70	9/16"	12,90	Tr 28	5	23,25	G 2 1/2"	72,50
M 5x0,8	4,20	5/8"	14,50	Tr 30	6	24,25	G 2 3/4"	79,00
M 5,5x0,9	4,60	3/4"	17,50	Tr 32	6	26,25	G 3"	85,50
M 6x1	5,00	7/8"	20,50	Tr 36	6	30,25	G 3 1/4"	91,50
M 7x1	6,00	1"	23,25	Tr 38	7	31,50	G 3 1/2"	98,00
M 8x1,25	6,80	1 1/8"	26,50	Tr 40	7	33,50	G 3 3/4"	104,00
M 9x1,25	7,80	1 1/4"	29,50	Tr 44	7	37,50	G 4"	110,50
M 10x1,5	8,50	1 1/2"	36,00	Tr 48	8	40,50		
M 11x1,5	9,50			Tr 50	8	42,50		
M 12x1,75	10,20			Tr 52	8	44,50		
M 14x2	12,00							
M 16x2	14,00							
M 18x2,5	15,50							
M 20x2,5	17,50							
M 22x2,5	19,50							
M 24x3	21,00							
M 27x3	24,00							
M 30x3,5	26,50							
M 33x3,5	29,50							
M 36x4	32,00							
M 39x4	35,00							
M 42x4,5	37,50							
M 45x4,5	40,50							
M 48x5	43,00							
M 52x5	47,00							
M 56x5,5	50,50							
M 60x5,5	54,50							
M 64x6	58,00							
M 68x6	62,00							

METRİK İNCE ISO VİDALAR DIN 13		PG VİDA DIN 40430	
Anma çapı (mm)	Matkap çapı (mm)	Anma çapı (inch)	Matkap çapı (mm)
M 4x0.35	3,60	Pg 7.0	11,40
M 4x0.5	3,50	Pg 9.0	14,00
M 5x0.5	4,50	Pg 11.0	17,30
M 6x0.5	5,50	Pg 13.5	19,00
M 6x0.75	5,25	Pg 16.0	21,30
M 7x0.75	6,25	Pg 21.0	26,90
M 8x0.5	7,50	Pg 29.0	35,50
M 8x0.75	7,25	Pg 36.0	45,50
M 8x1	7,00	Pg 42.0	52,50
M 9x1	8,00	Pg 48.0	57,80

WHITWORTH VİDA DIN 11	
Anma çapı (inch)	Matkap çapı (mm)
1/16"	1,15
1/8"	2,55
3/16"	3,70
1/4"	5,10
5/16"	6,50
3/8"	7,90
7/16"	9,30
1/2"	10,50
9/16"	12,10
5/8"	13,50
11/16"	15,00
3/4"	16,25
13/16"	18,00
7/8"	19,25
15/16"	21,00
1"	22,00
1 1/8"	24,75
1 1/4"	28,00
1 3/8"	30,00
1 1/2"	33,50
1 5/8"	35,50
1 3/4"	39,00
1 7/8"	41,50
2"	44,50

KABA VİDA UNC - NC	
Anma çapı (inch)	Matkap çapı (mm)
Nr. 1	1,55
Nr. 2	1,85
Nr. 3	2,10
Nr. 4	2,35
Nr. 5	2,65
Nr. 6	2,85
Nr. 8	3,45
Nr.10	3,90
Nr.12	4,50
1/4"	5,20
5/16"	6,60
3/8"	8,00
7/16"	9,40
1/2"	10,80
9/16"	12,20
5/8"	13,50
3/4"	16,50
7/8"	19,50
1"	22,25
1 1/8"	25,00
1 1/4"	28,00
1 1/2"	34,00

Ovalama Kılavuzu Ölçüleri İçin Kullanılması Gereken Matkap Çapları

METRİK ISO VİDALAR DIN 13		METRİK İNCE ISO VİDALAR DIN 13		İNCE VİDA UNF - NF		G (BSP) BORU VİDASI	
Anma Çapı (inch)	Matkap Çapı (mm)	Anma Çapı (inch)	Matkap Çapı (mm)	Anma Çapı (inch)	Matkap Çapı (mm)	Anma Çapı (inch)	Matkap Çapı (mm)
M 1x0,25	0,90	M 3x0,35	2,85	Nr. 0x80	1,35	1/16"	7,25
M 1,2x0,25	1,10	M 4x0,35	3,85	Nr. 1x72	1,70	1/8"	9,20
M 1,4x0,3	1,25	M 4x0,5	3,80	Nr. 2x64	2,00	1/4"	12,40
M 1,6x0,35	1,45	M 5x0,5	4,80	Nr. 3x56	2,30	3/8"	15,90
M 1,7x0,35	1,55	M 6x0,5	5,80	Nr. 4x48	2,60	1/2"	19,90
M 1,8x0,35	1,65	M 6x0,75	5,65	Nr. 5x44	2,90	5/8"	21,90
M 2x0,4	1,80	M 7x0,75	6,65	Nr. 6x40	3,20	3/4"	25,40
M 2,2x0,45	2,00	M 8x0,5	7,80	Nr. 8x36	3,85	7/8"	29,25
M 2,3x0,4	2,10	M 8x0,75	7,65	Nr.10x32	4,45	1"	32,00
M 2,5x0,45	2,30	M 8x1,0	7,55	Nr.12x28	5,10		
M 2,6x0,45	2,40	M 9x1,0	8,55	1/4"x28	5,90		
M 3x0,5	2,80	M 10x0,75	9,65	5/16"x24	7,45		
M 3,5x0,6	3,25	M 10x1,0	9,55	3/8"x24	9,00		
M 4x0,7	3,70	M 10x1,25	9,40	7/16"x20	10,50		
M 4,5x0,75	4,15	M 11x1,0	10,50	1/2"x20	12,10		
M 5x0,8	4,65	M 12x0,75	11,70	9/16"x18	13,60		
M 5,5x0,9	5,05	M 12x1,0	11,50	5/8"x18	15,20		
M 6x1,0	5,55	M 12x1,25	11,40	3/4"x16	18,30		
M 7x1,0	6,55	M 12x1,5	11,30	7/8"x14	21,30		
M 8x1,25	7,40	M 13x1,0	12,50	1"x12	24,30		
M 9x1,25	8,40	M 14x1,0	13,50				
M 10x1,5	9,30	M 14x1,25	13,40				
M 11x1,5	10,30	M 14x1,5	13,30				
M 12x1,75	11,20	M 15x1,0	14,50				
M 14x2,0	13,10	M 15x1,5	14,30				
M 16x2,0	15,10	M 16x1,0	15,50				
M 18x2,5	16,90	M 16x1,5	15,30				
M 20x2,5	18,90	M 18x1,0	17,50				
M 22x2,5	20,90	M 18x1,5	17,30				
M 24x3,0	22,65	M 18x2,0	17,00				
		M 20x1,0	19,50				
		M 20x1,5	19,30				
		M 20x2,0	19,00				
		M 22x1,5	21,30				
		M 22x2,0	21,00				
		M 24x1,50	23,30				
		M 24x2,0	23,00				
		M 25x1,5	24,30				
		M 26x1,5	25,30				
		M 27x2,0	26,00				
		M 28x1,5	27,25				
		M 30x1,5	29,25				
		M 30x2,0	29,00				

KABA VİDA UNC - NC	
Anma çapı (inch)	Matkap çapı (mm)
Nr. 1x64	1,67
Nr. 2x56	1,95
Nr. 3x48	2,25
Nr. 4x40	2,55
Nr. 5x40	2,90
Nr. 6x32	3,10
Nr. 8x32	3,80
Nr.10x24	4,30
Nr.12x24	4,95
1/4"x20	5,75
5/16x18	7,25
3/8"x16	8,80
7/16"x14	10,20
1/2"x13	11,70
9/16"x12	13,20
5/8"x11	14,70
3/4"x10	17,80
7/8"x9	20,90
1"x8	24,00

EXTRA İNCE VİDA UNEF	
Anma çapı (inch)	Matkap çapı (mm)
1/4"x32	6,00
5/16"x32	7,60
3/8"x32	9,10
7/16"x28	10,70
1/2"x28	12,30
9/16"x24	13,80
5/8"x24	15,40
3/4"x20	18,50
7/8"x20	21,60
1"x20	24,80

BSW - WHITWORTH VİDA DIN 11	
Anma çapı (inch)	Matkap çapı (mm)
3/32"x48	2,10
1/8"x40	2,85
5/32"x32	3,55
3/16"x24	4,20
1/4"x20	5,70
5/16"x18	7,20
3/8"x16	8,70
7/16"x14	10,20
1/2"x12	11,60
9/16"x12	13,20
5/8"x11	14,70
11/16"x11	16,25
3/4"x10	17,70
7/8"x9	20,75
1"x8	23,75

Kesme Taşı



Taşlama Taşı



İnox Paslanmaz Kesme Taşı



Elmas Kesiciler



Turbo Elmas Kesici



Segmentli Elmas Kesici



Konik Çanak Taş



Düz Çanak Taş



Testere Taşları



SCG Elmas Bileme Taşı



NK Taşlama Taşı



Çelik Taşları



Şerit Zımpara



Sonsuz Bant Zımpara



Flap Disk



Orbital Zımpara



Tabaka Scotch



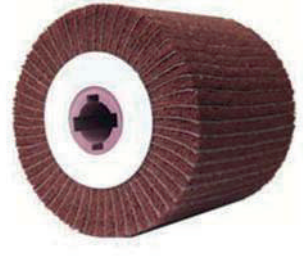
Daire Scotch



Pimli Scotch



Kamalı Scotch





Top Başlı Allen Takımı



T Allen Takımı



Perçin Tabancası



Ayarlı Pense



Ayarlı Ay Anahtarları



Boru Anahtarı



Kurbağacık Anahtar



Çektirme



Yağdanlık



Gres Pompası



Circir Lokma



Panç



Takım Çantaları



Takım Arabaları



Lokma Takımları



Elektrikli El Aletleri

Şarjlı Matkap



Kırıcı Delici



Hilti



Darbesiz Matkap



Avuç Taşlama



Parmak Taşlama



Zımpara Makinası



Planya



Dekupaj



Tilki Kuyruğu



Freze



Profil Kesme Makinası



Sıcak Hava Tabancası



Gönye Kesme Makinası



Polisaj Makinası



Elektrikli Testere



Somun Sıkma



Havalı Circir



Havalı Matkap



Havalı Matkap



Döşeme Tabancası



Kalıpçı Taşlama



Taşlama Motoru



Orbital Zımpara



Testere Motoru



Pop Perçin Tabancası



Kalafat Çekici



Havalı Gres Tabancası



Havalı Tornavida



Kılavuz Çekme



Perçin Somun



Havalı Titreşim



Sosis Tabancası



Silikon Tabancası



Kalafat Çekici



Havalı Gres Pompası



Boya Tabancası (Altın Depolu)



Boya Tabancası (Üstten Depolu)



Saatli Havva Tabancası



Hava Tabancası



Gazaltı Kaynak Makinası



İnvertör Kaynak Makinası



Torna Tezgahı



Şerit Testere



Masaüstü Sütunlu Matkap



Masaüstü Matkap



Manyetik Matkap



Daire Tezgere Tezgahı



Basınçlı Yıkama



Transpalet



Kompresör



Jeneratör



Zımpara Taş Motoru



Elektrikli Vinc



Aspiratör



Lastik Teker
(Döner Başlı)



Lastik Teker
(Sabit Başlı)



Lastik Teker
(Döner + Frenli)



Döküm Üzeri Poliüretan Teker



Polyemid
(Döner Başlı)



Polyemid
(Sabit Başlı)



Polyemid
(Döner + Frenli)



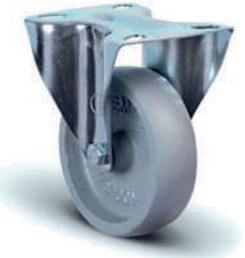
Döküm Üzeri Poliüretan Teker



Döküm Teker
(Döner Başlı)



Döküm Teker
(Sabit Başlı)



Döküm Teker
(Döner + Frenli)



Poliamid Teker



Transpalet Teker



Transpalet Teker



Lastik Teker



Gıdaya Uygun Tekerlek



Kimyasal Ürünler

Silikon (Kartuş & Mastik)



Mastik



Köpük



Anaerobik Yapıştırıcı



Japon Yapıştırıcı



Bally



Kimyasal Dübel



Sprey Boya



WD-40 Yağlayıcı



Tangit



Pelox



Çelik Macun



Endüstriyel Sprey Grubu



Tiner



Boya Grubu



Bant Çeşitleri



İş Eldiveni



Kesilmeye Dayanıklı Eldiven



Deri Eldiven



Isiya Dayanıklı Eldiven



Kolluk



Kimyasal Eldiven



Muayene Eldiveni



Toz Maskesi



İş Ayakkabısı



Kimyasal Tulum



İş Tulumu



Yüz Maskesi



Baret



Çapak Gözlüğü



Kaynak Maskesi



Kulak Koruma



Güvenlik Yeleği



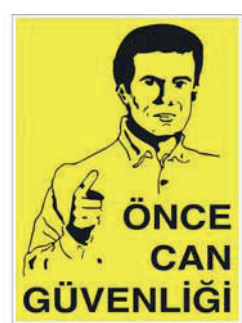
Göz Duşu



Reflektörlü Yelek



Uyarı Tabelası



Fittings - Vana - Batarya

Küresel Vana



Mini Vana



Flanşlı Küresel Vana



Şiber Vana



Kelebek Vana



Vana



Su Sayacı



Doğalgaz Kelepçesi



Klape



Çekvalf



Galvaniz Fittings



Batarya Grubu



Kaynaklı Fittings ve Flaşlar



Kamlock



Kamlock



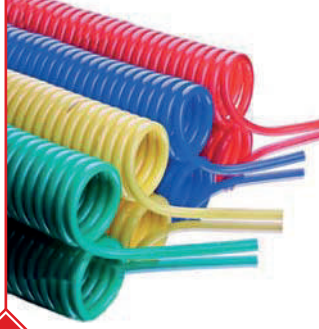
Presli Hortum



Presli Hortum



Spiral Hortum



Pnömatik Hortum



Hava Hortumu



Bezli Su Hortumu



Kompresör Hortumu



Çelik Telli Hortum



Çelik Telli Hortum



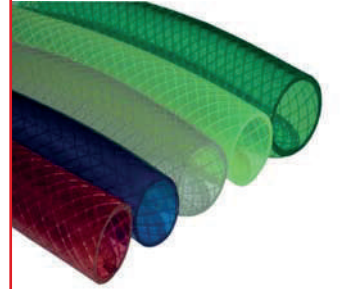
Gırtlak Hortumu



Çelik Pleksi Hortum



Su Hortumu



Burflex



Terazi Hortumu



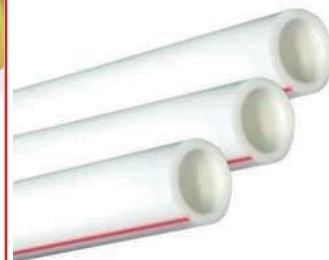
Yangın Hortumu



Yangın Hortumu



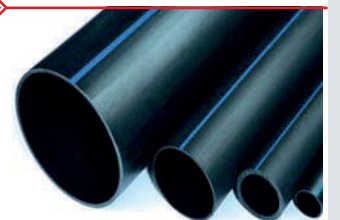
PPRC Su Borusu



Pimaş Boru



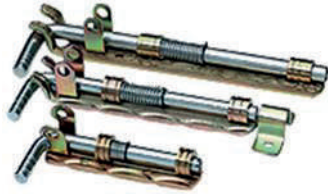
Temiz Su Borusu



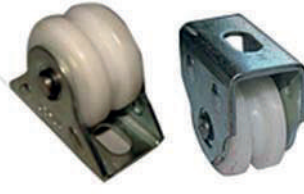
Ray Makarası



Yaylı Sürgü



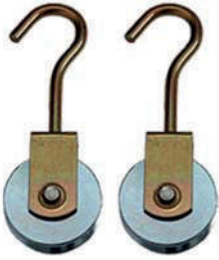
Denge Makarası



Perforje Mentese



İnşaat Makarası



Şaryo



Kablo Taşıyıcı Makara



Şaryo



Tezgah Mengenesi



Matkap Mengenesi



Boru Mengenesi



İşkence



Asma Kilit



Trajlı Kilit



Gömme Kilit



Barel



Spanzet



Polyester Sapan



Bayrak İpi



Zincir



Boya Rulosu



Kestirme Fırça



Macun Küreği



Spatula



Manivela



Cam Kesme Elması



Cam Vantuzu



Fayans Kesme



Alüminyum Kesme



Sunta Kesme



Dalgıç Pompası



Hidrofor



El Arabası



Yük Arabası



Akrobat Merdiven



Alüminyum Merdiven



Çekmeceli Kutu



Plastik Avadanlık



Plastik kasa



Soyunma Dolabı



Streç Film



Balonlu Naylon



Naylon Branda



Şilte



Çelik Çember



Kompozit Lifli Çember



Yeşil Polyester Çember



Polipropilen Çember



Çelik Çember Kenetleme Aleti



Çelik Çember Tokalama ve Germe Aleti



Genel Amaçlı Germe Aleti



Plastik Çember Aleti



Çelik Çember Tokası



Plastik Çember Tokası



Bukle Toka



Çelik Çember Kesme Makası



Yarı Otomatik Plastik Çember Makinası (Kısa Tip)



Yarı Otomatik Plastik Çember Makinası (Yüksek Tip)



Köşe Korumucu



Çuval



Çalı Süpürgesi



Oto Yıkama Fırçası



Saplı Süpürge



Plastik Çekpas



Metal Çekpas



Kıvrıcık Paspas



Nemli Mop



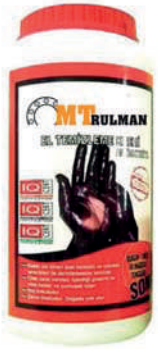
Püsküllü Paspas



Videla Takımı



El Temizleme



Sıvı Sabun



Alkol



Saf Su



Çöpçü Faraşı



Çöp Konteyneri



Mumlu Bez



Parça Bez



Hidrolik Kumanda Kolları



Hidrolik Motor



Hidrolik Pompa



Hidrolik Rekor



Hidrolik Silindir



Hidrolik Üniteler



Hidrolik Valfler



Hidrolik Yağlama Üniteleri



Hidrolik Yağlar



Hidrolik Kablo Taşıyıcıları



Hidrolik Manometreler



Hidrolik Pistonlar



Hidrolik Pedallar



Pnömatik Pistonlar



Pnömatik Rekorlar



Pnömatik Valfler



Şartlandırıcılar



Üniteler



Hidrolik



Yağ Göstergeleri



Ampul



Baladoz



El Fenerleri



Elektrik Fişi



Uzatma Kablosu



Kauçuk Fiş



Kauçuk Fiş



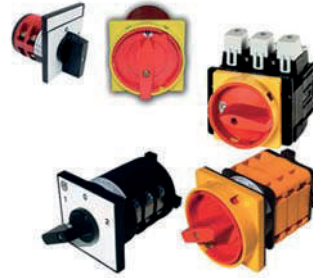
Kauçuk Priz



Makaralı Uzatma Kablosu



Pako Şalter



Projektör



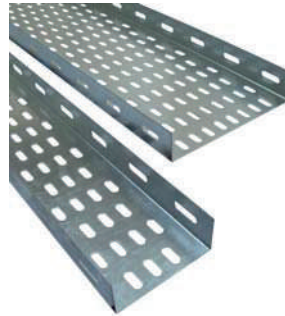
Projektör



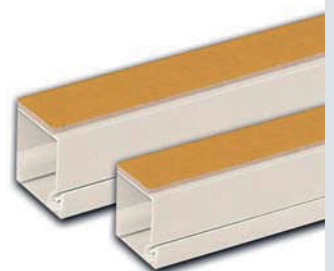
TRT Kablo



Kablo Kanalı



Kablo Kanalı



Vinç Butonu



Switch



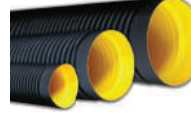
Pil Çeşitleri





Korige Boru Kendinden Muflu SN8


Kod	Ölçü (Ø)
KRG42	150
KRG43	200
KRG45	300
KRG47	400
KRG49	500
KRG50	600
KRG52	800
KRG54	1000

Korige Boru Kendinden Muflu SN4


Kod	Ölçü (Ø)
KRG42	150
KRG43	200
KRG45	300
KRG47	400
KRG49	500
KRG50	600
KRG52	800
KRG54	1000

Drenaj Borusu


Kod	Çap Ø	Ambalaj
DRJ01	80	100
DRJ02	100	100
DRJ03	125	100
DRJ04	150	50
DRJ05	200	50

Drenaj Manşon


Kod	Çap Ø	Ambalaj
DRJ11	80	1
DRJ12	100	1
DRJ13	125	1
DRJ14	150	1
DRJ15	200	1





ENDÜSTRİYEL HORTUMLAR / SU HORTUMLARI

TS EN ISO 1403/TİP 1



EGE-6 ALÇAK BASINÇLI SU

inch	DÇ (mm)	FİYAT / TL
1/2"	20	
5/8"	23	
3/4"	26	
1"	33	
1 1/8"	36	
1 1/4"	40	
1 1/2"	46	
1 3/4"	53	
2"	60	
2 1/2"	73	
2 3/4"	80	
3"	86	
4"	112	
5"	139	
6"	165	

TS EN ISO 1403/TİP 2



EGE-10 ORTA BASINÇLI SU

inch	DÇ (mm)	FİYAT / TL
1/2"	20	
5/8"	23	
3/4"	27	
1"	33	
1 1/4"	41	
1 1/2"	47	
1 3/4"	54	
2"	60	
2 1/2"	74	
2 3/4"	82	
3"	88	
4"	115	
5"	140	
6"	165	

ENDÜSTRİYEL HORTUMLAR / HAVA HORTUMLARI

Hafif Hizmet Hava TS 745 EN - ISO 2398 A1-2-3



SKY-10

inch	DÇ (mm)	FİYAT / TL
1/2"	22	
5/8"	25	
3/4"	29	
1"	36	
1 1/8"	40	
1 1/4"	44	
1 1/2"	51	
1 3/4"	57	
2"	63	
2 1/2"	78	
2 3/4"	84	
3"	92	
4"	117	

Normal Hizmet Hava TS 745 EN - ISO 2398 A4-5



SKY-20

inch	DÇ (mm)	FİYAT / TL
1/2"	23	
5/8"	26	
3/4"	30	
1"	37	
1 1/4"	45	
1 1/2"	52	
1 3/4"	60	
2"	65	
2 1/2"	80	
2 3/4"	85	
3"	92	
4"	118	

HİDROLİK HORTUMLAR

SAE 100 R1A/DIN-EN 853 1ST

**Çelik Tel Örgülü Hidrolik
TS 6387 EN 853**



FORCESTREAM R1A/1ST

inch	DÇ (mm)	FİYAT / TL
3/16"	12.3	
1/4"	15.5	
5/16"	17.1	
3/8"	19.4	
1/2"	22.6	
5/8"	25.8	
3/4"	29.8	
1"	37.6	
1 1/4"	45	
1 1/2"	51.4	
2"	66.4	

SAE 100 R1 AT/DIN-EN 853 1SN

**Çelik Tel Örgülü Hidrolik
TS 6387 EN 853**



FORCESTREAM R1AT/1SN

inch	DÇ (mm)	FİYAT / TL
3/16"	11.6	
1/4"	13.2	
5/16"	14.8	
3/8"	17.2	
1/2"	20.4	
5/8"	23.5	
3/4"	27.5	
1"	35.4	
1 1/4"	43.5	
1 1/2"	50	
2"	63.6	
2 1/2"	76.5	
3"	88.5	

SAE 100 R2A/DIN-EN 853 2ST

**Çelik Tel Örgülü Hidrolik
TS 6387 EN 853**



FORCESTREAM R2A/2ST

inch	DÇ (mm)	FİYAT / TL
3/16"	15.5	
1/4"	17.1	
5/16"	18.7	
3/8"	21	
1/2"	24.2	
5/8"	27.4	
3/4"	31.4	
1"	39	
1 1/4"	49.8	
1 1/2"	56.2	
2"	68.8	

SAE 100 R2 AT/DIN-EN 853 2SN

**Çelik Tel Örgülü Hidrolik
TS 6387 EN 853**



FORCESTREAM R2AT/2SN

inch	DÇ (mm)	FİYAT / TL
3/16"	13.3	
1/4"	15	
5/16"	16.5	
3/8"	18.9	
1/2"	22.2	
5/8"	25.2	
3/4"	29.2	
1"	37.2	
1 1/4"	47.3	
1 1/2"	53.7	
2"	66.7	
2 1/2"	79.8	
3"	91.9	

HİDROLİK HORTUMLAR

TS 10548 EN 856 4SP



Spiral Çelik Telli Hidrolik

POWERSTREAM 4SP

inch	DÇ (mm)	FİYAT / TL
1/4"	17.6	
3/8"	21.2	
1/2"	24.4	
5/8"	28	
3/4"	32	
1"	39.1	

TS 10548 EN 856 R13



Yüksek Basıncılı Hidrolik

POWERSTREAM R13

inch	DÇ (mm)	FİYAT / TL
3/4"	32	
1"	38.4	
1 1/4"	49.3	
1 1/2"	57.3	
2"	71.6	

DN. 19-25mm 4 kat spiral çelik tel takviyeli
DN. 32-50mm 6 kat spiral çelik tel takviyeli

SAE J517100 R5



Çelik Tel Örgülü Hidrolik

FORCESTREAM R5

inch	DÇ (mm)	FİYAT / TL
3/16"	12.9	
1/4"	14.5	
5/16"	16.8	
13/32"	19.1	
1/2"	22.9	
5/8"	27.1	
7/8"	30.8	
1 1/8"	37.6	
1 3/8"	44.5	
1 13/16"	56.4	
2 3/8"	73	

TS 10548 EN 856 4SH



Spiral Çelik Telli Hidrolik

POWERSTREAM 4SH

inch	DÇ (mm)	FİYAT / TL
3/4"	32	
1"	38.4	
1 1/4"	45.2	
1 1/2"	53	
2"	67.6	

SAE 100 R15



Yüksek Basıncılı Hidrolik

POWERSTREAM R15

inch	DÇ (mm)	FİYAT / TL
3/8"	21.2	
1/2"	24.4	
5/8"	28.7	
3/4"	32	
1"	38.4	
1 1/4"	49.3	
1 1/2"	57.3	

DN. 19-25mm 4 kat spiral çelik tel takviyeli
DN. 32-50mm 6 kat spiral çelik tel takviyeli

TS 10548 EN 856 R12



Yüksek Basıncılı Hidrolik

POWERSTREAM R12+

inch	DÇ (mm)	FİYAT / TL
3/8"	20	
1/2"	23.5	
5/8"	27.6	
3/4"	30.5	
1"	38.1	
1 1/4"	46.6	
1 1/2"	53.2	
2"	66.8	

HİDROLİK HORTUMLAR

TS 10548 EN 856 4SP

Spiral Çelik Telli Hidrolik



POWERSTREAM 4SP

inch	DÇ (mm)	FİYAT / TL
1/4"	17.6	
3/8"	21.2	
1/2"	24.4	
5/8"	28	
3/4"	32	
1"	39.1	



TS 10548 EN 856 R13

Yüksek Basıncılı Hidrolik



POWERSTREAM R13

inch	DÇ (mm)	FİYAT / TL
3/4"	32	
1"	38.4	
1 1/4"	49.3	
1 1/2"	57.3	
2"	71.6	



DN. 19-25mm 4 kat spiral çelik tel takviyeli
DN. 32-50mm 6 kat spiral çelik tel takviyeli

SAE J517100 R5

Çelik Tel Örgülü Hidrolik



FORCESTREAM R5

inch	DÇ (mm)	FİYAT / TL
3/16"	12.9	
1/4"	14.5	
5/16"	16.8	
13/32"	19.1	
1/2"	22.9	
5/8"	27.1	
7/8"	30.8	
1 1/8"	37.6	
1 3/8"	44.5	
1 13/16"	56.4	
2 3/8"	73	



TS 10548 EN 856 4SH

Spiral Çelik Telli Hidrolik



POWERSTREAM 4SH

inch	DÇ (mm)	FİYAT / TL
3/4"	32	
1"	38.4	
1 1/4"	45.2	
1 1/2"	53	
2"	67.6	



SAE 100 R15

Yüksek Basıncılı Hidrolik



POWERSTREAM R15

inch	DÇ (mm)	FİYAT / TL
3/8"	21.2	
1/2"	24.4	
5/8"	28.7	
3/4"	32	
1"	38.4	
1 1/4"	49.3	
1 1/2"	57.3	



DN. 19-25mm 4 kat spiral çelik tel takviyeli
DN. 32-50mm 6 kat spiral çelik tel takviyeli

TS 10548 EN 856 R12

Yüksek Basıncılı Hidrolik



POWERSTREAM R12+

inch	DÇ (mm)	FİYAT / TL
3/8"	20	
1/2"	23.5	
5/8"	27.6	
3/4"	30.5	
1"	38.1	
1 1/4"	46.6	
1 1/2"	53.2	
2"	66.8	



ENDÜSTRİYEL HORTUMLAR / AŞINDIRICI MADDE HORTUMLARI



Kumlama Verici
TS EN ISO 3861

KUM		
inch	DÇ (mm)	FİYAT / TL
1"	39	
1 1/4"	48	
1 1/2"	56	
1 3/4"	63	
2"	69	
2 1/2"	82	
2 3/4"	90	
3"	96	



Kumlama Alıcı-Verici
EXCEED TS EN ISO 3861

KUM		
inch	DÇ (mm)	FİYAT / TL
1"	41	
1 1/4"	50	
1 1/2"	58	
1 3/4"	65	
2"	71	
2 1/2"	84	
2 3/4"	92	
3"	98	



Çimento Verici

ÇİMENTO		
inch	DÇ (mm)	FİYAT / TL
1"	37	
1 1/4"	44	
1 1/2"	50	
2"	64.5	
2 1/2"	77	
3"	90	
4"	118	
5"	146	
6"	172	
8"	225	



Çimento A&V

ÇİMENTO SD		
inch	DÇ (mm)	FİYAT / TL
1"	39	
1 1/4"	45	
1 1/2"	52	
2"	66	
2 1/2"	78.5	
3"	92	
4"	120	
5"	149	
6"	174.5	
8"	229	

ENDÜSTRİYEL HORTUMLAR / AŞINDIRICI MADDE HORTUMLARI



Silobas

SİLOBAS		
inch	DÇ (mm)	FİYAT / TL
2"	60.4	
2 1/2"	73	
3"	86	
3 1/2"	100	
4"	112	
4"	115	
4"	117	
5"	137	
6"	164	
8"	215	



Ucu Rekorlu Beton Uç

BETON UÇ 85			
inch	Bot (mt)	TEK UCU REKORLU FİYAT / TL	İKİ UCU REKORLU FİYAT / TL
4"	1.5	6.846,00	
4"	2	8.034,01	
4"	3	10.416,00	
4"	4	12.797,99	
4"	5	15.180,02	
4"	6	17.561,99	
5"	1.5	7.703,25	
5"	2	9.123,98	
5"	3	11.959,09	
5"	4	14.794,23	
5"	5	17.629,39	
5"	6	20.464,54	



POLİETİLEN SİRİRAL KORUMA

İÇ (mm)	DIŞ (mm)	Gr / m	KUTU MİKTARI / Mt.	FİYAT / TL
7.5	10	32	400	
9.5	12	39	300	
13	16	64	150	
16	20	106	100	
20	25	166	60	
24	29	196	50	
27	32	217	40	
30	35	239	40	
35	40	276	30	
44	50	415	25	
50	60	810	10	
60	70	958	8	
65	75	1032	5	
75	85	1180	5	
80	90	1252	5	
100	110	1548	2.50	



POLYAMİD SİRİRAL KORUMA

İÇ (mm)	DIŞ (mm)	gr/m	FİYAT / TL
7.5	10	37	
9.5	12	45	
13	16	74	
16	20	122	
20	25	190	
24	29	225	
27	32	250	
30	35	275	
35	40	317	
44	50	477	
50	60	931	
60	70	1083	
65	75	1134	
75	85	1295	
80	90	1377	
100	110	1700	

* Ürün fiyatları müşteriye haber verilmeden değiştirilebilir. * Özel istekleriniz ve her türlü ek bilgi için satış servisimiz hizmetinizdedir.
* Renk ve çap değişikliklerinde fiyat farkı uygulanacaktır. * Katalog dışı ürünlerde lütfen fiyat isteyiniz.

iletisim rulman



FAG

NACHI
ROBOTIC SYSTEMS INC.



SAMICK

ASAHI

SCHNEEBERGER
LINEAR TECHNOLOGY

optibelt
Power Transmission



GAMAK

Mitutoyo

INSIZE

narex

NACHI

ASKAYNAK
Gelecek Onun Kaynagında

YILDIZ
GAZ ARMATÜRLERİ

Karbosan

ME
Makina Takım End

NORM
CIVATA

CETA FORM

IZELTAS

Beta

ASTURO



BOSCH

Makita

DEWALT

ve-me

ELPIC

Beybi

3M

tesa

ASTEL

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Tangit

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