



MAKİNA TAKİM



**ÖZDOĞAN**  
**HIRDAVAT**  
Sanayi ve Ticaret Ltd. Şti.



HAZİRAN 2025

*"Kökli Geçmişten, Güçlü Geleceğe"...*

68.Yılı





Fiyatlarımıza K.D.V. dahil değildir.  
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**MAKİNA TAKİM ENDÜSTRİSİ A.Ş.**

**HAZİRAN 2025  
FİYAT LİSTESİ**





## Matkap Uçları

Ürün Tanımı	Kalite	Standart	Sayfa No
Silindirik Saplı Kısa Matkap Ucu - HADDELI	HSS	DIN 338	12
Silindirik Saplı Kısa Matkap Ucu - TAŞLANMIŞ	HSS	DIN 338	15
Silindirik Saplı Kısa Matkap Ucu - ALTIN SERİ	HSS-E	DIN 338	20
Silindirik Saplı Uzun Matkap Ucu - ALTIN SERİ	HSS-E	DIN 340	24
Silindirik Saplı Kısa Matkap Ucu - ALÜMİNYUM GÜMÜŞ SERİ	HSS-E	DIN 338	27
Silindirik Saplı Kısa SOL Matkap Ucu - TAŞLANMIŞ	HSS	DIN 338	31
Silindirik Saplı Kısa Matkap Ucu - TIN KAPLAMALI	HSS-E	DIN 338	36
Silindirik Saplı Uzun Matkap Ucu	HSS	DIN 340	38
Mors Konik Saplı Matkap Ucu	HSS	DIN 345	41
Mors Konik Saplı Matkap Ucu - HSS-E	HSS-E	DIN 345	44
Mors Konik Saplı Uzun Matkap Ucu	HSS	DIN 341	47
Silindirik Saplı Çok Uzun Matkap Ucu N Tipi	HSS	DIN 1869-1	49
Silindirik Saplı Çok Uzun Matkap Ucu - GT 100 Tipi	HSS-E	DIN 1869-1	50
Silindirik Saplı Çok Uzun Matkap Ucu N Tipi	HSS	DIN 1869-2	51
Silindirik Saplı Çok Uzun Matkap Ucu - GT 100 Tipi	HSS-E	DIN 1869-2	52
Silindirik Saplı Çok Uzun Matkap Ucu N Tipi	HSS	DIN 1869-3	53
Silindirik Saplı Çok Uzun Matkap Ucu - GT 100 Tipi	HSS-E	DIN 1869-3	54
Mors Konik Saplı Çok Uzun Matkap Ucu	HSS	DIN 1870 Nr.1	55
Mors Konik Saplı Çok Uzun Matkap Ucu	HSS	DIN 1870-2	55
Silindirik Saplı Çok Kısa Matkap Ucu	HSS	DIN 1897	56
Punta Çürütme Matkap Ucu - KISA (Havali Tabancalar İçin )	HSS - E (%8Co)	MTE Normu	58
Punta Çürütme Matkap Ucu-KISA (Havali Tabancalar İçin )TIN KAPLAMALI	HSS - E (%8Co)	MTE Normu	58
Punta Çürütme Matkap Ucu - UZUN ( El Breyzi İçin )	HSS - E (%8Co)	MTE Normu	59
Punta Çürütme Matkap Ucu - UZUN ( El Breyzi İçin ) TIN KAPLAMALI	HSS - E (%8Co)	MTE Normu	59
Punta Matkabi - FORM A	HSS	DIN 333 /A	60
Punta Matkabi - FORM A - TIN KAPLAMALI	HSS	DIN 333 /A	60
Punta Matkabi - FORM A - HSS-E	HSS-E	DIN 333 /A	61
Punta Matkabi - FORM A - HSS-E - TIN KAPLAMALI	HSS-E	DIN 333 /A	61
Punta Matkabi - FORM B	HSS	DIN 333 /B	62
Punta Matkabi - FORM R	HSS	DIN 333 /R	62
Punta Matkabi - UZUN	HSS	DIN 333/A Brz.	63
Punta Matkabi - UZUN - HSS-E	HSS-E	DIN 333/A Brz.	63
Çift Taraflı Matkap Ucu	HSS	MTE Normu	64
Silindirik Saplı Kısa Matkap Ucu - HADDELI SET	HSS	DIN 338	65



## Kılavuzlar

Ürün Tanımı	Kalite	Standart	Sayfa No
Metrik Normal Vidalı 3'lü Takım Kılavuzu	HSS	DIN 352	70
Metrik Normal Vidalı 3'lü Takım Kılavuzu	HSS - E	DIN 352	71
Metrik Normal Vidalı 3'lü Takım Kılavuzu (1 Nr. PİLOTLU)	HSS - E	DIN 352	72
Whitworth Normal Vidalı 3'lü Takım Kılavuzu	HSS	MTE Normu	73
USA Normal Vidalı 3'lü Takım Kılavuzu - UNC	HSS	MTE Normu	74
Metrik İnce Vidalı 2'li Takım Kılavuzu	HSS	DIN 2181	75
USA İnce Vidalı 3'lü Takım Kılavuzu - UNF	HSS	DIN 2181	77
Whitworth Boru Vidalı 2'li Takım Kılavuzu	HSS	DIN 5157	78
Metrik Normal Vidalı Kılavuz - Son	HSS	DIN 352	79
Metrik Normal Vidalı Kılavuz - Son	HSS - E	DIN 352	80
USA Normal Vidalı Kılavuz - UNC - Son	HSS	MTE Normu	81
Metrik İnce Vidalı Kılavuz - Son	HSS	DIN 2181	82
USA İnce Vidalı Kılavuz - UNF - Son	HSS	DIN 2181	83
Whitworth Boru Vidalı Kılavuz - Son	HSS - E	DIN 5157	83
Metrik Normal Vidalı Düz Kanallı Makina Kılavuzu	HSS - E	DIN 371/C	84
Metrik Normal Vidalı Eğik Ağız Bilemeli Makina Kılavuzu	HSS - E	DIN 371/B	85
Metrik Normal Vidalı Helis Kanallı Makina Kılavuzu	HSS - E	DIN 371/C	85
Metrik Normal Vidalı Düz Kanallı Makina Kılavuzu	HSS - E	DIN 376/C	86
Metrik Normal Vidalı Eğik Ağız Bilemeli Makina Kılavuzu	HSS - E	DIN 376/B	87
Metrik Normal Vidalı Helis Kanallı Makina Kılavuzu	HSS - E	DIN 376/C	87
Metrik İnce Vidalı Düz Kanallı Makina Kılavuzu	HSS - E	DIN 374/C	88
Metrik İnce Vidalı Eğik Ağız Bilemeli Makina Kılavuzu	HSS - E	DIN 374/B	90
Metrik İnce Vidalı Helis Kanallı Makina Kılavuzu	HSS - E	DIN 374/C	91
USA Normal Vidalı Düz Kanallı Makina Kılavuzu - UNC	HSS - E	DIN 2183/C	92
USA Normal Vidalı Helis Kanallı Makina Kılavuzu - UNC	HSS - E	DIN 2183/C	93
USA İnce Vidalı Düz Kanallı Makina Kılavuzu - UNF	HSS - E	DIN 2183/C	93
USA İnce Vidalı Helis Kanallı Makina Kılavuzu - UNF	HSS - E	DIN 2183/C	94
Whitworth Vidalı Düz Kanallı Makina Kılavuzu	HSS - E	DIN 2183/C	94
Whitworth Boru Vidalı Düz Kanallı Makina Kılavuzu	HSS - E	DIN 5156/C	95
Whitworth Boru Vidalı Eğik Ağız Bilemeli Makina Kılavuzu	HSS - E	DIN 5156/B	95
Whitworth Boru Vidalı Helis Kanallı Makina Kılavuzu	HSS - E	DIN 5156/C	96
1/16 NPT Konik Boru Kılavuzu	HSS	MTE Normu	97
Yeni Nesil Somun Kılavuzu Metrik Normal Vidalı - TIN KAPLI	HSS - E	MTE Normu	98
Yeni Nesil Somun Kılavuzu Metrik İnce Vidalı - TIN KAPLI	HSS - E	MTE Normu	99
Yeni Nesil Somun Kılavuzu UNC Vidalı - TIN KAPLI	HSS - E	MTE Normu	100
Yeni Nesil Somun Kılavuzu UNF Vidalı - TIN KAPLI	HSS - E	MTE Normu	101



## Yüksek Performans Kılavuzları

	Ürün Tanımı	Kalite	Standart	Sayfa No
GALAKSI	ÜNİVERSAL Eğik Ağız Bilemeli	HSS-E	ISO2 6H	105
GALAKSI	ÜNİVERSAL 40° Helis Kanallı	HSS-E	ISO2 6H	106
GALAKSI	ÜNİVERSAL Eğik Ağız Bilemeli	PM	ISO2 6H	107
GALAKSI	ÜNİVERSAL 40° Helis Kanallı	PM	ISO2 6H	108
NEPTÜN	ÇELİK Eğik Ağız Bilemeli	HSS-E	ISO2 6H	109
NEPTÜN	ÇELİK Eğik Ağız Bilemeli	PM	ISO2 6H	110
NEPTÜN	ÇELİK 45° Helis Kanallı	HSS-E	ISO2 6H	111
NEPTÜN	ÇELİK 45° Helis Kanallı	PM	ISO2 6H	112
NEPTÜN	ÇELİK 40° Düz Kanallı	HSS-E	6HX	113
VENUS	INOX PASLANMAZ Eğik Ağız Bilemeli	HSS-E	ISO2 6H	114
VENUS	INOX PASLANMAZ Eğik Ağız Bilemeli	PM	ISO2 6H	115
VENUS	INOX PASLANMAZ 45° Helis Kanallı	HSS-E	ISO2 6H	116
VENUS	INOX PASLANMAZ 45° Helis Kanallı	PM	ISO2 6H	117
MARS	DÖKÜM Düz Kanallı	HSS-E	6HX	118
MARS	DÖKÜM Düz Kanallı	PM	6HX	119
MARS	DÖKÜM 15° Helis Kanallı	HSS-E	6HX	120
MARS	DÖKÜM 15° Helis Kanallı	PM	6HX	121
URANUS	METAL DIŞI Düz Kanallı Bakır Alaşımı	HSS-E	6HX	122
URANUS	METAL DIŞI Eğik Ağız Bilemeli Alüminyum	HSS-E	ISO2 6H	123
URANUS	METAL DIŞI 45° Helis Kanallı Alüminyum	HSS-E	ISO2 6H	124
URANUS	METAL DIŞI 45° Helis Kanallı Bakır Alaşımı	HSS-E	ISO2 6H	125
URANUS	METAL DIŞI Düz Kanallı UNC Alüminyum	HSS-E	ISO2 6H	126
URANUS	METAL DIŞI 45° Helis Kanallı UNC Alüminyum	HSS-E	ISO2 6H	127
URANUS	METAL DIŞI Düz Kanallı UNF Alüminyum	HSS-E	ISO2 6H	128
URANUS	METAL DIŞI 45° Helis Kanallı UNF Alüminyum	HSS-E	ISO2 6H	129
SATURN	ISI DİRENÇLİ Ti-Ni - TOOLOX 15° Helis Kanallı	PM	6HX	130
SATURN	ISI DİRENÇLİ Ti-Ni - TOOLOX 15° Sol Helis Kanallı	PM	6HX	131
MERKÜR	50/55 Hrc Düz Kanallı	PM	6HX	132
JUPİTER	H SPEED Eğik Düz Kanallı	PM	6HX	133
JUPİTER	H SPEED Eğik Ağız Bilemeli	PM	6HX	134
JUPİTER	H SPEED 15° Helis Kanallı	PM	6HX	135
GALAKSI	ÜNİVERSAL Ovalama Yağ Kanallı	HSS-E	6HX	136
GALAKSI	ÜNİVERSAL Ovalama Yağ Kanalsız	PM	6HX	137
GALAKSI	ÜNİVERSAL Ovalama Yağ Kanalsız	HSS-E	6HX	138
GALAKSI	ÜNİVERSAL Ovalama Yağ Kanallı	PM	6HX	139

## Paftalar / Vida Tarağı

	Ürün Tanımı	Kalite	Standart	Sayfa No
	Metrik Normal Vidalı Pafta Lokması	HSS	DIN EN 22 568	142
	Metrik İnce Vidalı Pafta Lokması	HSS	DIN EN 22 568	143
	Whitworth Normal Vidalı Pafta Lokması	HSS	DIN EN 22 568	144
	Whitworth Boru Vidalı Pafta Lokması	HSS	DIN EN 24 231	145
	USA Normal Vidalı Pafta Lokması - UNC	HSS	DIN EN 22 568	146
	USA İnce Vidalı Pafta Lokması - UNF	HSS	DIN EN 22 568	147
	NPT 1/16 Konik Vidalı Pafta Lokması	HSS	MTE Normu	148

## Raybarlar

	Ürün Tanımı	Kalite	Standart	Sayfa No
	Silindirik Saplı El Raybası	HSS	DIN 206	150
	Silindirik Saplı Makina Raybası	HSS	DIN 212	152
	Silindirik Saplı Makina Raybası HSS-E	HSS-E	DIN 212	153
	Mors Konik saplı Makina Raybası	HSS	DIN 208	154
	1/50 Konik Pim Deliği Raybası	HSS	DIN 9	155



## Frezeler

Ürün Tanımı	Kalite	Standart	Sayfa No
Silindirik Saplı Parmak Freze - KISA BN	HSS - E (%8Co)	DIN 844	158
Silindirik Saplı Parmak Freze - UZUN BN	HSS - E (%8Co)	DIN 844	160
Silindirik Saplı Parmak Freze - KISA BNR	HSS - E (%8Co)	DIN 844	161
Silindirik Saplı Parmak Freze - UZUN BNR	HSS - E (%8Co)	DIN 844	161
Silindirik Saplı Delik Freze	HSS - E (%8Co)	DIN 327/D	162
Silindirik Saplı Küresel Kalıpcı Freze - KISA	HSS - E (%8Co)	DIN 1889/B	163
Silindirik Saplı Küresel Kalıpcı Freze - UZUN	HSS - E (%8Co)	DIN 1889/B	164
Silindirik Saplı Yarıç Freze - ÇAPRAZ DIŞLI	HSS - E	DIN 850/D	165
Tek Ağızlı Alüminyum Freze	HSS - E (%8Co)	MTE Normu	166
Tek Ağızlı Boyunlu Alüminyum Freze	HSS - E (%8Co)	MTE Normu	166

## Havşa Frezeleri

Ürün Tanımı	Kalite	Standart	Sayfa No
Konik Sac Delme Matkabi	HSS	MTE Normu	168
Kademeli Sac Delme Matkabi	HSS	MTE Normu	168
Silindirik Saplı Havşa Freze - 90°	HSS	DIN 335/A	169
3 Ağızlı Silindirik Saplı Havşa Freze - 90°	HSS	DIN 335/C	169
3 Ağızlı Silindirik Saplı Havşa Freze - 90° TIN KAPLI	HSS	DIN 335/C	170
Silindirik Saplı Havşa Freze - 60°	HSS	DIN 334/A	170
3 Ağızlı Silindirik Saplı Havşa Freze - 60°	HSS	DIN 334/C	171
3 Ağızlı Silindirik Saplı Havşa Freze - 60° - TIN KAPLI	HSS	DIN 334/C	171

## Torna Kalemleri

Ürün Tanımı	Kalite	Standart	Sayfa No
Yuvarlak Kesitli Torna Kalemli	HSS - E (%10Co)	DIN 4964/A	174
Kare Kesitli Torna Kalemli	HSS - E (%10Co)	DIN 4964/B	175
Trapez Kesitli Torna Kalemli - Metrik	HSS - E (%10Co)	DIN 4964/E	176
Trapez Kesitli Torna Kalemli - Inch	HSS - E (%10Co)	DIN 4964/E	177

## Testereler

Ürün Tanımı	Kalite	Sayfa No
Metaller İçin El Testere Lamaları	WS - KROMLU	178
Metaller İçin Makina Testere Lamaları	HSS	179





Malzeme Material	<b>HSS</b> Yüksek Hız Çeligi High Speed Steel	<b>HSS-E</b> Kobaltlı Yüksek Hız Çeligi High Speed Steel With Co	<b>KSM</b> Komple Sert Metal Solid Carbide			
Norm Norm	<b>DIN 9</b>	<b>DIN 8094</b>				
Tip Type	<b>N</b>	<b>H</b>	<b>W</b>			
Uç Açısı Point Angle	 118°	 130°	 140°			
Vida Tipi Thread Type	<b>M</b>	<b>MF</b>	<b>UNC</b>	<b>UNF</b>	<b>BSW</b>	<b>BSP</b>
Vida Profil Açısı Thread Angle	 55°	 60°	 80°			
Helis Açısı Helix Angle	<b>R25°</b>	<b>R35°</b>	<b>R45°</b>			
Kesme Yönü Cutting Direction	 Sağ Kesme Yönü	 Sol Kesme Yönü				
Şaft Tipi The Shank						





MATKAP UÇLARI



MAKINA TAKIM ENDÜSTRİSİ A.Ş.



Silindirik Saplı Kısa Matkap Ucu - HADDELİ



Ürün kodu	d1 mm	L1 mm	L2 mm	TL/Adet
B0000000200	2,0	49	24	70,55
B00000010210	2,1	49	24	80,30
B00000010220	2,2	53	27	80,30
B00000010230	2,3	53	27	80,30
B00000010240	2,4	57	30	80,30
B00000000250	2,5	57	30	72,31
B00000010260	2,6	57	30	89,03
B00000010270	2,7	61	33	89,03
B00000010280	2,8	61	33	89,03
B00000010290	2,9	61	33	89,03
B00000000300	3,0	61	33	76,33
B00000010310	3,1	65	36	89,03
B00000010320	3,2	65	36	89,03
B00000010330	3,3	65	36	85,89
B00000010340	3,4	70	39	99,56
B00000000350	3,5	70	39	85,52
B00000010360	3,6	70	39	99,56
B00000010370	3,7	70	39	114,84
B00000010380	3,8	75	43	114,84
B00000010390	3,9	75	43	114,84
B00000000400	4,0	75	43	98,34
B00000010410	4,1	75	43	121,07
B00000010420	4,2	75	43	104,53
B00000010430	4,3	80	47	121,07
B00000010440	4,4	80	47	121,07
B00000000450	4,5	80	47	111,55
B00000010460	4,6	80	47	121,07
B00000010470	4,7	80	47	138,50
B00000010480	4,8	86	52	138,50
B00000010490	4,9	86	52	138,50
B00000000500	5,0	86	52	125,13
B00000010510	5,1	86	52	124,98
B00000010520	5,2	86	52	124,98
B00000010530	5,3	86	52	143,71
B00000010540	5,4	93	57	176,14
B00000000550	5,5	93	57	154,16
B00000010560	5,6	93	57	176,14
B00000010570	5,7	93	57	176,14
B00000010580	5,8	93	57	176,14



Silindirik Saplı Kısa Matkap Ucu - HADDELİ



Ürün kodu	d1 mm	L1 mm	L2 mm	TL/Adet
B00000010590	5,9	93	57	<b>179,81</b>
B00000000600	6,0	93	57	<b>164,01</b>
B00000010610	6,1	101	63	<b>216,54</b>
B00000010620	6,2	101	63	<b>216,54</b>
B00000010630	6,3	101	63	<b>216,54</b>
B00000010640	6,4	101	63	<b>226,61</b>
B00000000650	6,5	101	63	<b>201,46</b>
B00000010660	6,6	101	63	<b>240,72</b>
B00000010670	6,7	101	63	<b>240,72</b>
B00000010680	6,8	109	69	<b>250,66</b>
B00000010690	6,9	109	69	<b>287,32</b>
B00000000700	7,0	109	69	<b>238,62</b>
B00000010710	7,1	109	69	<b>307,73</b>
B00000010720	7,2	109	69	<b>307,73</b>
B00000010730	7,3	109	69	<b>307,73</b>
<b>B00000010740</b>	7,4	109	69	<b>307,73</b>
B00000000750	7,5	109	69	<b>271,63</b>
B00000010760	7,6	117	75	<b>337,88</b>
B00000010770	7,7	117	75	<b>337,88</b>
B00000010780	7,8	117	75	<b>337,88</b>
B00000010790	7,9	117	75	<b>337,88</b>
B00000000800	8,0	117	75	<b>294,47</b>
B00000010810	8,1	117	75	<b>375,78</b>
B00000010820	8,2	117	75	<b>375,78</b>
B00000010830	8,3	117	75	<b>375,78</b>
B00000010840	8,4	117	75	<b>375,78</b>
B00000000850	8,5	117	75	<b>340,88</b>
B00000010860	8,6	125	81	<b>482,54</b>
B00000010870	8,7	125	81	<b>482,54</b>
B00000010880	8,8	125	81	<b>482,54</b>
B00000010890	8,9	125	81	<b>482,54</b>
B00000000900	9,0	125	81	<b>379,84</b>
B00000010910	9,1	125	81	<b>487,48</b>
B00000010920	9,2	125	81	<b>487,48</b>
B00000010930	9,3	125	81	<b>504,86</b>
<b>B00000010940</b>	9,4	125	81	<b>504,86</b>
B00000000950	9,5	125	81	<b>435,71</b>
<b>B00000010960</b>	9,6	133	87	<b>536,47</b>
B00000010970	9,7	133	87	<b>536,47</b>
B00000010980	9,8	133	87	<b>572,12</b>
B00000010990	9,9	133	87	<b>572,12</b>
B00000001000	10,0	133	87	<b>469,84</b>
B00000011010	10,1	133	87	<b>661,26</b>
B00000011020	10,2	133	87	<b>610,55</b>
B00000011030	10,3	133	87	<b>791,32</b>



Silindirik Saplı Kısa Matkap Ucu - HADDELİ



Ürün kodu	d1 mm	L1 mm	L2 mm	TL/Adet
B00000011040	10,4	133	87	791,32
B00000011050	10,5	133	87	544,35
B00000011060	10,6	133	87	815,71
B00000011070	10,7	142	94	972,18
B00000011080	10,8	142	94	844,86
B00000011090	10,9	142	94	990,01
B00000011100	11,0	142	94	638,22
B00000011110	11,1	142	94	1.012,61
B00000011120	11,2	142	94	1.023,47
B00000011130	11,3	142	94	1.023,47
B00000011140	11,4	142	94	1.023,47
B00000011150	11,5	142	94	672,90
B00000011160	11,6	142	94	1.023,47
B00000011170	11,7	142	94	1.023,47
B00000011180	11,8	142	94	1.023,47
B00000011190	11,9	151	101	1.204,34
B0000001200	12,0	151	101	738,39
B0000001210	12,1	151	101	1.285,43
B0000001220	12,2	151	101	1.285,43
B0000001230	12,3	151	101	1.285,43
B0000001240	12,4	151	101	1.285,43
B0000001250	12,5	151	101	798,90
B0000001260	12,6	151	101	1.318,38
B0000001270	12,7	151	101	1.164,52
B0000001280	12,8	151	101	1.285,43
B0000001290	12,9	151	101	1.470,37
B0000001300	13,0	151	101	852,85
B0000001310	13,1	151	101	1.606,74
B0000001320	13,2	151	101	1.606,74



Silindirik Saplı Kısa Matkap Ucu - TAŞLANMIŞ



Ürün kodu	d1 mm	L1 mm	L2 mm	TL/Adet
B00007000040	0,40	20	5	419,75
B00007000050	0,50	22	6	278,89
B00007000060	0,60	24	7	290,39
B00007000070	0,70	28	9	290,39
B00007000080	0,80	30	10	290,39
B00007000090	0,90	32	11	238,12
B00007000100	1,00	34	12	101,97
B00007000110	1,10	36	14	191,40
B00007000120	1,20	38	16	191,40
B00007000130	1,30	38	16	191,40
B00007000140	1,40	40	18	191,40
B00007000150	1,50	40	18	72,31
B00007000160	1,60	43	20	146,85
B00007000170	1,70	43	20	146,85
B00007000180	1,80	46	22	146,85
B00007000190	1,90	46	22	146,85
B00007000200	2,00	49	24	78,96
B00007000210	2,10	49	24	98,34
B00007000220	2,20	53	27	98,34
B00007000230	2,30	53	27	98,34
B00007000240	2,40	57	30	98,34
B00007000250	2,50	57	30	84,74
B00007000260	2,60	57	30	109,20
B00007000270	2,70	61	33	109,20
B00007000280	2,80	61	33	109,20
B00007000290	2,90	61	33	109,20
B00007000300	3,00	61	33	85,25
B00007000310	3,10	65	36	109,20
B00007000320	3,20	65	36	109,20
B00007000330	3,30	65	36	104,96
B00007000340	3,40	70	39	121,61
B00007000350	3,50	70	39	100,00
B00007000360	3,60	70	39	140,40
B00007000370	3,70	70	39	140,40
B00007000380	3,80	75	43	140,40
B00007000390	3,90	75	43	140,40
B00007000400	4,00	75	43	110,19
B00007000410	4,10	75	43	147,69
B00007000420	4,20	75	43	127,25

H - W TİPLERİNDE, SOL KESİCİ VE TIN KAPLAMALI OLARAK ÜRETİLEBİLİR

Siparişlerinize Termin Verilecektir.



Silindirik Saplı Kısa Matkap Ucu - TAŞLANMIŞ



Ürün kodu	d1 mm	L1 mm	L2 mm	TL/Adet
B00007000430	4,30	80	47	147,69
B00007000440	4,40	80	47	147,69
B00007000450	4,50	80	47	130,54
B00007000460	4,60	80	47	147,69
B00007000470	4,70	80	47	169,11
B00007000480	4,80	86	52	169,11
B00007000490	4,90	86	52	169,11
B00007000500	5,00	86	52	140,40
B00007000510	5,10	86	52	159,39
B00007000520	5,20	86	52	159,39
B00007000530	5,30	86	52	182,80
B00007000540	5,40	93	57	223,97
B00007000550	5,50	93	57	188,00
B00007000560	5,60	93	57	223,97
B00007000570	5,70	93	57	223,97
B00007000580	5,80	93	57	223,97
B00007000590	5,90	93	57	228,68
B00007000600	6,00	93	57	191,97
B00007000610	6,10	101	63	275,39
B00007000620	6,20	101	63	275,39
B00007000630	6,30	101	63	275,39
B00007000640	6,40	101	63	288,48
B00007000650	6,50	101	63	246,38
B00007000660	6,60	101	63	306,31
B00007000670	6,70	101	63	306,31
B00007000680	6,80	109	69	318,80
B00007000690	6,90	109	69	365,32
B00007000700	7,00	109	69	279,30
B00007000710	7,10	109	69	391,54
B00007000720	7,20	109	69	391,54
B00007000730	7,30	109	69	391,54
B00007000740	7,40	109	69	391,54
B00007000750	7,50	109	69	332,10
B00007000760	7,60	117	75	429,81
B00007000770	7,70	117	75	429,81
B00007000780	7,80	117	75	429,81
B00007000790	7,90	117	75	429,81
B00007000800	8,00	117	75	344,53
B00007000810	8,10	117	75	477,95
B00007000820	8,20	117	75	477,95
B00007000830	8,30	117	75	477,95
B00007000840	8,40	117	75	477,95
B00007000850	8,50	117	75	416,11
B00007000860	8,60	125	81	614,21
B00007000870	8,70	125	81	614,21

H - W TIPLERİNDE, SOL KESİCİ VE TIN KAPLAMALI OLARAK ÜRETİLEBİLİR

Siparişlerinize Termin Verilecektir.



Silindirik Saplı Kısa Matkap Ucu - TAŞLANMIŞ



Ürün kodu	d1 mm	L1 mm	L2 mm	TL/Adet
B00007000880	8,80	125	81	614,21
B00007000890	8,90	125	81	614,21
B00007000900	9,00	125	81	444,55
B00007000910	9,10	125	81	620,18
B00007000920	9,20	125	81	620,18
B00007000930	9,30	125	81	642,45
B00007000940	9,40	125	81	642,45
B00007000950	9,50	125	81	531,82
B00007000960	9,60	133	87	682,54
B00007000970	9,70	133	87	682,54
B00007000980	9,80	133	87	727,72
B00007000990	9,90	133	87	727,72
B00007001000	10,00	133	87	549,94
B00007001010	10,10	133	87	841,46
B00007001020	10,20	133	87	776,96
B00007001030	10,30	133	87	1.006,33
B00007001040	10,40	133	87	1.006,33
B00007001050	10,50	133	87	665,04
B00007001060	10,60	133	87	1.037,61
B00007001070	10,70	142	94	1.237,16
B00007001080	10,80	142	94	1.074,87
B00007001090	10,90	142	94	1.259,70
B00007001100	11,00	142	94	747,03
B00007001110	11,10	142	94	1.288,11
B00007001120	11,20	142	94	1.301,82
B00007001130	11,30	142	94	1.301,82
B00007001140	11,40	142	94	1.301,82
B00007001150	11,50	142	94	821,39
B00007001160	11,60	142	94	1.301,82
B00007001170	11,70	142	94	1.301,82
B00007001180	11,80	142	94	1.301,82
B00007001190	11,90	151	101	1.531,96
B00007001200	12,00	151	101	864,02
B00007001210	12,10	151	101	1.635,17
B00007001220	12,20	151	101	1.635,17
B00007001230	12,30	151	101	1.635,17
B00007001240	12,40	151	101	1.635,17
B00007001250	12,50	151	101	975,39
B00007001260	12,60	151	101	1.676,91
B00007001270	12,70	151	101	1.481,48
B00007001280	12,80	151	101	1.635,17
B00007001290	12,90	151	101	1.870,90
B00007001300	13,00	151	101	997,97
B00007001310	13,10	151	101	2.043,92
B00007001320	13,20	151	101	2.043,92

H - W TİPLERİNDE, SOL KESİCİ VE TIN KAPLAMALI OLARAK ÜRETİLEBİLİR

Siparişlerinize Termin Verilecektir.



Silindirik Saplı Kısa Matkap Ucu - TAŞLANMIŞ



Ürün kodu	d1 mm	L1 mm	L2 mm	TL/Adet
B00007001330	13,30	160	108	2.043,92
B00007001340	13,40	160	108	2.043,92
B00007001350	13,50	160	108	1.732,41
B00007001360	13,60	160	108	2.043,92
B00007001370	13,70	160	108	2.043,92
B00007001380	13,80	160	108	2.043,92
B00007001390	13,90	160	108	2.043,92
B00007001400	14,00	160	108	1.835,89
B00007001410	14,10	169	114	2.564,57
B00007001420	14,20	169	114	2.564,57
B00007001430	14,30	169	114	2.564,57
B00007001440	14,40	169	114	2.564,57
B00007001450	14,50	169	114	2.049,98
B00007001460	14,60	169	114	2.583,66
B00007001470	14,70	169	114	2.583,66
B00007001480	14,80	169	114	2.583,66
B00007001490	14,90	169	114	2.583,66
B00007001500	15,00	169	114	2.144,42
B00007001510	15,10	178	120	3.813,47
B00007001520	15,20	178	120	3.639,55
B00007001530	15,30	178	120	3.697,21
B00007001540	15,40	178	120	3.697,21
B00007001550	15,50	178	120	2.337,52
B00007001560	15,60	178	120	3.860,32
B00007001570	15,70	178	120	3.860,32
B00007001580	15,80	178	120	3.522,94
B00007001590	15,90	178	120	4.219,46
B00007001600	16,00	178	120	2.525,63
B00007001610	16,10	184	125	3.806,86
B00007001620	16,20	184	125	4.001,31
B00007001630	16,30	184	125	4.585,77
B00007001640	16,40	184	125	4.585,77
B00007001650	16,50	184	125	2.878,91
B00007001660	16,60	184	125	5.541,75
B00007001670	16,70	184	125	5.541,75
B00007001680	16,80	184	125	5.701,00
B00007001690	16,90	184	125	5.701,00
B00007001700	17,00	184	125	3.079,00
B00007001710	17,10	191	130	5.788,86
B00007001720	17,20	191	130	5.788,86
B00007001730	17,30	191	130	5.788,86
B00007001740	17,40	191	130	5.788,86
B00007001750	17,50	191	130	3.356,77
B00007001760	17,60	191	130	6.311,97
B00007001770	17,70	191	130	6.311,97
B00007001780	17,80	191	130	6.311,97

H - W TİPLERİNDE, SOL KESİCİ VE TIN KAPLAMALI OLARAK ÜRETİLEBİLİR

Siparişlerinize Termin Verilecektir.



Silindirik Saplı Kısa Matkap Ucu - TAŞLANMIŞ



Ürün kodu	d1 mm	L1 mm	L2 mm	TL/Adet
B00007001790	17,90	191	130	<b>6.311,97</b>
B00007001800	18,00	191	130	<b>3.558,52</b>
B00007001810	18,10	198	135	<b>6.692,32</b>
B00007001820	18,20	198	135	<b>6.692,32</b>
B00007001830	18,30	198	135	<b>6.692,32</b>
B00007001840	18,40	198	135	<b>6.692,32</b>
B00007001850	18,50	198	135	<b>3.878,95</b>
B00007001860	18,60	198	135	<b>7.294,17</b>
B00007001870	18,70	198	135	<b>7.294,17</b>
B00007001880	18,80	198	135	<b>7.294,17</b>
B00007001890	18,90	198	135	<b>7.294,17</b>
B00007001900	19,00	198	135	<b>4.189,68</b>
B00007001910	19,10	205	140	<b>7.878,53</b>
B00007001920	19,20	205	140	<b>7.878,53</b>
B00007001930	19,30	205	140	<b>7.878,53</b>
B00007001940	19,40	205	140	<b>7.878,53</b>
B00007001950	19,50	205	140	<b>4.824,68</b>
B00007001960	19,60	205	140	<b>9.073,41</b>
B00007001970	19,70	205	140	<b>9.073,41</b>
B00007001980	19,80	205	140	<b>9.073,41</b>
B00007001990	19,90	205	140	<b>9.073,41</b>
B00007002000	20,00	205	140	<b>4.824,68</b>
B00002102050	20,50	213	145	<b>5.428,72</b>
B00002102100	21,00	213	145	<b>5.500,79</b>
B00002102150	21,50	221	150	<b>6.079,85</b>
B00002102200	22,00	221	150	<b>6.200,43</b>
B00002102250	22,50	229	155	<b>6.828,00</b>
B00002102300	23,00	229	155	<b>6.876,35</b>
B00002102350	23,50	229	155	<b>6.996,55</b>
B00002102400	24,00	236	160	<b>7.648,24</b>
B00002102450	24,50	236	160	<b>8.106,51</b>
B00002102500	25,00	236	160	<b>8.468,30</b>

H - W TİPLERİNDE, SOL KESİCİ VE TİN KAPLAMALI OLARAK ÜRETİLEBİLİR

Siparişlerinize Termin Verilecektir.



Silindirik Saplı Kısa Matkap Ucu - ALTIN SERİ

HSS-E  
(%5 Co)

DIN  
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TS  
ISO  
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ÖZEL



h8



Ürün kodu	d1 mm	L1 mm	L2 mm	TL/Adet
B00005000100	1,00	34	12	193,78
B00005000110	1,10	36	14	363,76
B00005000120	1,20	38	16	363,76
B00005000130	1,30	38	16	363,76
B00005000140	1,40	40	18	363,76
B00005000150	1,50	40	18	138,90
B00005000160	1,60	43	20	281,06
B00005000170	1,70	43	20	281,06
B00005000180	1,80	46	22	281,06
B00005000190	1,90	46	22	281,06
B00005000200	2,00	49	24	136,50
B00005000210	2,10	49	24	173,37
B00005000220	2,20	53	27	173,37
B00005000230	2,30	53	27	173,37
B00005000240	2,40	57	30	173,37
B00005000250	2,50	57	30	140,19
B00005000260	2,60	57	30	191,86
B00005000270	2,70	61	33	191,86
B00005000280	2,80	61	33	191,86
B00005000290	2,90	61	33	191,86
B00005000300	3,00	61	33	149,84
B00005000310	3,10	65	36	191,86
B00005000320	3,20	65	36	191,86
B00005000330	3,30	65	36	184,47
B00005000340	3,40	70	39	214,23
B00005000350	3,50	70	39	174,03
B00005000360	3,60	70	39	225,92
B00005000370	3,70	70	39	247,12
B00005000380	3,80	75	43	247,12
B00005000390	3,90	75	43	247,12
B00005000400	4,00	75	43	210,26
B00005000410	4,10	75	43	260,04
B00005000420	4,20	75	43	224,98
B00005000430	4,30	80	47	260,04
B00005000440	4,40	80	47	260,04
B00005000450	4,50	80	47	237,21
B00005000460	4,60	80	47	260,04
B00005000470	4,70	80	47	296,67
B00005000480	4,80	86	52	296,67

İSTEK HALİNDE H - W TİPLERİNDE VE SOL KESİCİ OLARAK ÜRETİLEBİLİR.



Silindirik Saplı Kısa Matkap Ucu - ALTIN SERİ



Ürün kodu	d1 mm	L1 mm	L2 mm	TL/Adet
B00005000490	4,90	86	52	296,67
B00005000500	5,00	86	52	268,07
B00005000510	5,10	86	52	266,08
B00005000520	5,20	86	52	267,37
B00005000530	5,30	86	52	308,10
B00005000540	5,40	93	57	379,23
B00005000550	5,50	93	57	328,19
B00005000560	5,60	93	57	379,23
B00005000570	5,70	93	57	379,23
B00005000580	5,80	93	57	379,23
B00005000590	5,90	93	57	386,12
B00005000600	6,00	93	57	350,02
B00005000610	6,10	101	63	467,22
B00005000620	6,20	101	63	467,22
B00005000630	6,30	101	63	467,22
B00005000640	6,40	101	63	489,14
B00005000650	6,50	101	63	429,71
B00005000660	6,60	101	63	520,67
B00005000670	6,70	101	63	520,67
B00005000680	6,80	109	69	543,47
B00005000690	6,90	109	69	623,24
B00005000700	7,00	109	69	514,40
B00005000710	7,10	109	69	665,43
B00005000720	7,20	109	69	665,81
B00005000730	7,30	109	69	665,81
B00005000740	7,40	109	69	665,81
B00005000750	7,50	109	69	583,09
B00005000760	7,60	117	75	733,43
B00005000770	7,70	117	75	733,43
B00005000780	7,80	117	75	733,43
B00005000790	7,90	117	75	733,43
B00005000800	8,00	117	75	625,67
B00005000810	8,10	117	75	813,50
B00005000820	8,20	117	75	813,50
B00005000830	8,30	117	75	813,50
B00005000840	8,40	117	75	813,50
B00005000850	8,50	117	75	727,72
B00005000860	8,60	125	81	1.036,67
B00005000870	8,70	125	81	1.036,67
B00005000880	8,80	125	81	1.036,67
B00005000890	8,90	125	81	1.036,67
B00005000900	9,00	125	81	815,26
B00005000910	9,10	125	81	1.043,77
B00005000920	9,20	125	81	1.043,77
B00005000930	9,30	125	81	1.041,60

İSTEK HALİNDE H - W TİPLERİNDE VE SOL KESİCİ OLARAK ÜRETİLEBİLİR.



Silindirik Saplı Kısa Matkap Ucu - ALTIN SERİ



Ürün kodu	d1 mm	L1 mm	L2 mm	TL/Adet
B00005000940	9,40	125	81	<b>1.041,60</b>
B00005000950	9,50	125	81	<b>926,58</b>
B00005000960	9,60	133	87	<b>1.222,09</b>
B00005000970	9,70	133	87	<b>1.222,09</b>
B00005000980	9,80	133	87	<b>1.222,09</b>
B00005000990	9,90	133	87	<b>1.222,09</b>
B00005001000	10,00	133	87	<b>995,89</b>
B00005001010	10,10	133	87	<b>1.414,53</b>
B00005001020	10,20	133	87	<b>1.304,36</b>
B00005001030	10,30	133	87	*
B00005001040	10,40	133	87	*
B00005001050	10,50	133	87	<b>1.158,50</b>
B00005001060	10,60	133	87	*
B00005001070	10,70	142	94	*
B00005001080	10,80	142	94	<b>1.816,81</b>
B00005001090	10,90	142	94	*
B00005001100	11,00	142	94	<b>1.352,57</b>
B00005001110	11,10	142	94	*
B00005001120	11,20	142	94	*
B00005001130	11,30	142	94	*
B00005001140	11,40	142	94	*
B00005001150	11,50	142	94	<b>1.424,50</b>
B00005001160	11,60	142	94	*
B00005001170	11,70	142	94	*
B00005001180	11,80	142	94	*
B00005001190	11,90	151	101	*
B00005001200	12,00	151	101	<b>1.575,31</b>
B00005001210	12,10	151	101	*
B00005001220	12,20	151	101	*
B00005001230	12,30	151	101	*
B00005001240	12,40	151	101	*
B00005001250	12,50	151	101	<b>1.700,41</b>
B00005001260	12,60	151	101	*
B00005001270	12,70	151	101	*
B00005001280	12,80	151	101	*
B00005001290	12,90	151	101	*
B00005001300	13,00	151	101	<b>1.811,35</b>
B00005001310	13,10	151	101	*
B00005001320	13,20	151	101	*
B00005001350	13,50	160	108	<b>3.103,83</b>
B00005001400	14,00	160	108	<b>3.284,15</b>
B00005001450	14,50	169	114	<b>3.668,90</b>
B00005001500	15,00	169	114	<b>3.842,39</b>
B00005001550	15,50	178	120	<b>4.004,62</b>
B00005001600	16,00	178	120	<b>4.396,04</b>

İSTEK HALİNDE H - W TİPLERİNDE VE SOL KESİCİ OLARAK ÜRETİLEBİLİR.



Silindirik Saplı Kısa Matkap Ucu - ALTIN SERİ

HSS-E  
(%5 Co)

DIN  
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ÖZEL



h8



Ürün kodu	d1 mm	L1 mm	L2 mm	TL/Adet
B00005001650	16,50	184	125	<b>4.572,17</b>
B00005001700	17,00	184	125	<b>4.794,73</b>
B00005001750	17,50	191	130	<b>5.142,15</b>
B00005001800	18,00	191	130	<b>5.211,43</b>
B00005001850	18,50	198	135	<b>5.668,61</b>
B00005001900	19,00	198	135	<b>6.160,88</b>
B00005001950	19,50	205	140	<b>6.740,15</b>
B00005002000	20,00	205	140	<b>6.879,11</b>
B00005002050	20,50	213	145	*
B00005002100	21,00	213	145	*
B00005002150	21,50	221	150	*
B00005002200	22,00	221	150	*
B00005002250	22,50	229	155	*
B00005002300	23,00	229	155	*
B00005002350	23,50	229	155	*
B00005002400	24,00	236	160	*
B00005002450	24,50	236	160	*
B00005002500	25,00	236	160	*
				*

İSTEK HALİNDE H - W TİPLERİNDE VE SOL KESİCİ OLARAK ÜRETİLEBİLİR.

■ Siparişlerinize Termin, Min. Adet ve Fiyat Verilecektir.



Silindirik Saplı Uzun Matkap Ucu - ALTIN SERİ



Ürün kodu	d1 mm	L1 mm	L2 mm	TL/Adet
B00008600100	1,00	56	33	739,56
B00008600110	1,10	60	37	746,74
B00008600120	1,20	65	41	713,66
B00008600130	1,30	65	41	647,21
B00008600140	1,40	70	45	608,40
B00008600150	1,50	70	45	515,19
B00008600160	1,60	76	50	548,13
B00008600170	1,70	76	50	548,13
B00008600180	1,80	80	53	548,13
B00008600190	1,90	80	53	548,13
B00008600200	2,00	85	56	350,73
B00008600210	2,10	85	56	449,63
B00008600220	2,20	90	59	449,63
B00008600230	2,30	90	59	449,63
B00008600240	2,40	95	62	449,63
B00008600250	2,50	95	62	370,83
B00008600260	2,60	95	62	476,08
B00008600270	2,70	100	66	476,08
B00008600280	2,80	100	66	476,08
B00008600290	2,90	100	66	482,52
B00008600300	3,00	100	66	370,83
B00008600310	3,10	106	69	482,52
B00008600320	3,20	106	69	410,42
B00008600330	3,30	106	69	456,00
B00008600340	3,40	112	73	508,41
B00008600350	3,50	112	73	449,63
B00008600360	3,60	112	73	508,41
B00008600370	3,70	112	73	529,31
B00008600380	3,80	119	78	521,82
B00008600390	3,90	119	78	573,93
B00008600400	4,00	119	78	496,58
B00008600410	4,10	119	78	588,18
B00008600420	4,20	119	78	501,80
B00008600430	4,30	126	82	621,27
B00008600440	4,40	126	82	621,27
B00008600450	4,50	126	82	555,57
B00008600460	4,60	126	82	635,92
B00008600470	4,70	126	82	661,26
B00008600480	4,80	132	87	661,26

İSTEK HALİNDE H - W TİPLERİNDE VE SOL KESİCİ OLARAK ÜRETİLEBİLİR.



Silindirik Saplı Uzun Matkap Ucu - ALTIN SERİ



Ürün kodu	d1 mm	L1 mm	L2 mm	TL/Adet
B00008600490	4,90	132	87	661,26
B00008600500	5,00	132	87	628,66
B00008600510	5,10	132	87	693,59
B00008600520	5,20	132	87	720,77
B00008600530	5,30	132	87	700,46
B00008600540	5,40	139	91	700,46
B00008600550	5,50	139	91	720,77
B00008600560	5,60	139	91	720,77
B00008600570	5,70	139	91	731,38
B00008600580	5,80	139	91	743,59
B00008600590	5,90	139	91	748,62
B00008600600	6,00	139	91	766,37
B00008600610	6,10	148	97	798,99
B00008600620	6,20	148	97	857,93
B00008600630	6,30	148	97	881,82
B00008600640	6,40	148	97	991,04
B00008600650	6,50	148	97	846,30
B00008600660	6,60	148	97	1.034,20
B00008600670	6,70	148	97	1.073,65
B00008600680	6,80	156	102	1.210,31
B00008600690	6,90	156	102	1.210,31
B00008600700	7,00	156	102	975,35
B00008600710	7,10	156	102	1.284,96
B00008600720	7,20	156	102	1.296,14
B00008600730	7,30	156	102	1.296,14
B00008600740	7,40	156	102	1.316,07
B00008600750	7,50	156	102	1.163,58
B00008600760	7,60	165	109	1.346,90
B00008600770	7,70	165	109	1.374,71
B00008600780	7,80	165	109	1.374,71
B00008600790	7,90	165	109	1.374,71
B00008600800	8,00	165	109	1.163,58
B00008600810	8,10	165	109	1.461,20
B00008600820	8,20	165	109	1.398,47
B00008600830	8,30	165	109	1.582,05
B00008600840	8,40	165	109	1.653,22
B00008600850	8,50	165	109	1.362,57
B00008600860	8,60	175	115	1.695,97
B00008600870	8,70	175	115	1.837,16
B00008600880	8,80	175	115	1.966,11
B00008600890	8,90	175	115	2.016,95
B00008600900	9,00	175	115	1.417,70
B00008600910	9,10	175	115	2.067,69
B00008600920	9,20	175	115	2.067,69
B00008600930	9,30	175	115	2.067,69

İSTEK HALİNDE H - W TİPLERİNDE VE SOL KESİCİ OLARAK ÜRETİLEBİLİR.

Siparişlerinize Termin Verilecektir.

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Devamı sayfa 26'dadır



Silindirik Saplı Uzun Matkap Ucu - ALTIN SERİ



Ürün kodu	d1 mm	L1 mm	L2 mm	TL/Adet
B00008600940	9,40	175	115	2.067,69
B00008600950	9,50	175	115	1.699,61
B00008600960	9,60	184	121	2.334,29
B00008600970	9,70	184	121	2.863,12
B00008600980	9,80	184	121	2.334,29
B00008600990	9,90	184	121	2.330,31
B00008601000	10,00	184	121	1.684,36
B00008601010	10,10	184	121	2.450,93
B00008601020	10,20	184	121	2.401,16
B00008601030	10,30	184	121	2.572,99
B00008601040	10,40	184	121	2.671,15
B00008601050	10,50	184	121	2.408,14
B00008601060	10,60	184	121	2.694,39
B00008601070	10,70	195	128	2.784,06
B00008601080	10,80	195	128	3.062,67
B00008601090	10,90	195	128	3.270,50
B00008601100	11,00	195	128	2.479,07
B00008601130	11,30	195	128	4.228,88
B00008601140	11,40	195	128	4.421,54
B00008601150	11,50	195	128	2.776,66
B00008601170	11,70	195	128	5.102,16
B00008601180	11,80	195	128	3.935,87
B00008601190	11,90	205	134	3.935,87
B00008601200	12,00	205	134	3.114,05
B00008601220	12,20	205	134	4.283,84
B00008601230	12,30	205	134	4.283,84
B00008601250	12,50	205	134	3.114,05
B00008601270	12,70	205	134	5.580,98
B00008601280	12,80	205	134	5.584,21
B00008601300	13,00	205	134	3.316,56
B00008601320	13,20	205	134	6.696,35
B00008601350	13,50	214	140	3.751,97
B00008601400	14,00	214	140	4.241,21
B00008601450	14,50	220	144	4.933,48
B00008601500	15,00	220	144	5.204,76
B00008601550	15,50	227	149	6.574,77
B00008601600	16,00	227	149	6.194,61
B00008601650	16,50	235	154	8.889,08
B00008601700	17,00	235	154	7.413,42
B00008601750	17,50	241	158	9.632,94
B00008601800	18,00	241	158	8.301,71
B00008601850	18,50	247	162	11.198,94
B00008601900	19,00	247	162	9.946,23
B00008601950	19,50	254	166	12.373,97
B00008602000	20,00	254	166	10.886,53

İSTEK HALİNDE H - W TİPLERİNDE VE SOL KESİCİ OLARAK ÜRETİLEBİLİR.

Siparişlerinize Termin Verilecektir. 26



Silindirik Saplı Kısa Matkap Ucu - ALÜMİNYUM GÜMÜŞ SERİ

HSS-E

DIN  
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TS  
ISO  
235

ÖZEL



h8



Ürün kodu	d1 mm	L1 mm	L2 mm	TL/Adet
B00005010200	2,00	49	24	99,63
B00005010210	2,10	49	24	129,98
B00005010220	2,20	53	27	129,98
B00005010230	2,30	53	27	129,98
B00005010240	2,40	57	30	129,98
B00005010250	2,50	57	30	101,97
B00005010260	2,60	57	30	142,90
B00005010270	2,70	61	33	142,90
B00005010280	2,80	61	33	143,21
B00005010290	2,90	61	33	143,21
B00005010300	3,00	61	33	107,59
B00005010310	3,10	65	36	143,21
B00005010320	3,20	65	36	143,21
B00005010330	3,30	65	36	137,73
B00005010340	3,40	70	39	160,82
B00005010350	3,50	70	39	125,88
B00005010360	3,60	70	39	184,77
B00005010370	3,70	70	39	184,77
B00005010380	3,80	75	43	184,77
B00005010390	3,90	75	43	183,94
B00005010400	4,00	75	43	150,86
B00005010410	4,10	75	43	195,37
B00005010420	4,20	75	43	167,61
B00005010430	4,30	80	47	195,37
B00005010440	4,40	80	47	195,37
B00005010450	4,50	80	47	171,31
B00005010460	4,60	80	47	195,37
B00005010470	4,70	80	47	223,45
B00005010480	4,80	86	52	223,45
B00005010490	4,90	86	52	222,01
B00005010500	5,00	86	52	191,97
B00005010510	5,10	86	52	200,20
B00005010520	5,20	86	52	200,20
B00005010530	5,30	86	52	253,89
B00005010540	5,40	93	57	284,16
B00005010550	5,50	93	57	236,11
B00005010560	5,60	93	57	310,38

İSTEK HALİNDE H - W TİPLERİNDE KAPLAMALI OLARAK ÜRETİLEBİLİR

Siparişlerinize Termin Verilecektir.

Devamı sayfa 28' dedir



Silindirik Saplı Kısa Matkap Ucu - ALÜMİNYUM GÜMÜŞ SERİ



Ürün kodu	d1 mm	L1 mm	L2 mm	TL/Adet
B00005010570	5,70	93	57	310,38
B00005010580	5,80	93	57	310,38
B00005010590	5,90	93	57	315,14
B00005010600	6,00	93	57	252,47
B00005010610	6,10	101	63	349,79
B00005010620	6,20	101	63	349,79
B00005010630	6,30	101	63	349,79
B00005010640	6,40	101	63	349,79
B00005010650	6,50	101	63	308,37
B00005010660	6,60	101	63	386,92
B00005010670	6,70	101	63	403,29
B00005010680	6,80	109	69	403,39
B00005010690	6,90	109	69	446,81
B00005010700	7,00	109	69	367,74
B00005010710	7,10	109	69	498,83
B00005010720	7,20	109	69	498,83
B00005010730	7,30	109	69	498,83
B00005010740	7,40	109	69	498,83
B00005010750	7,50	109	69	417,05
B00005010760	7,60	117	75	549,12
B00005010770	7,70	117	75	549,12
B00005010780	7,80	117	75	549,12
B00005010790	7,90	117	75	549,12
B00005010800	8,00	117	75	453,90
B00005010810	8,10	117	75	609,55
B00005010820	8,20	117	75	609,55
B00005010830	8,30	117	75	609,55
B00005010840	8,40	117	75	609,55
B00005010850	8,50	117	75	525,29
B00005010860	8,60	125	81	777,08
B00005010870	8,70	125	81	777,08
B00005010880	8,80	125	81	777,08
B00005010890	8,90	125	81	777,08
B00005010900	9,00	125	81	586,56
B00005010910	9,10	125	81	805,45
B00005010920	9,20	125	81	805,45
B00005010930	9,30	125	81	805,45
B00005010940	9,40	125	81	805,45
B00005010950	9,50	125	81	670,42
B00005010960	9,60	133	87	915,88
B00005010970	9,70	133	87	915,88
B00005010980	9,80	133	87	915,88
B00005010990	9,90	133	87	915,88
B00005011000	10,00	133	87	719,23
B00005011010	10,10	133	87	1.060,59

İSTEK HALİNDE H - W TİPLERİNDE VE SOL KESİCİ OLARAK ÜRETİLEBİLİR.

Siparişlerinize Termin Verilecektir.



Silindirik Saplı Kısa Matkap Ucu - ALÜMİNYUM GÜMÜŞ SERİ



Ürün kodu	d1 mm	L1 mm	L2 mm	TL/Adet
B00005011020	10,20	133	87	974,72
B00005011030	10,30	133	87	*
B00005011040	10,40	133	87	*
B00005011050	10,50	133	87	838,04
B00005011060	10,60	133	87	*
B00005011070	10,70	142	94	*
B00005011080	10,80	142	94	1.359,08
B00005011090	10,90	142	94	*
B00005011100	11,00	142	94	974,72
B00005011110	11,10	142	94	*
B00005011120	11,20	142	94	*
B00005011130	11,30	142	94	*
B00005011140	11,40	142	94	*
B00005011150	11,50	142	94	1.029,90
B00005011160	11,60	142	94	*
B00005011170	11,70	142	94	*
B00005011180	11,80	142	94	*
B00005011190	11,90	151	101	*
B00005011200	12,00	151	101	1.134,22
B00005011210	12,10	151	101	*
B00005011220	12,20	151	101	*
B00005011230	12,30	151	101	*
B00005011240	12,40	151	101	*
B00005011250	12,50	151	101	1.223,93
B00005011260	12,60	151	101	*
B00005011270	12,70	151	101	*
B00005011280	12,80	151	101	*
B00005011290	12,90	151	101	*
B00005011300	13,00	151	101	1.305,79
B00005011310	13,10	151	101	*
B00005011320	13,20	151	101	*
B00005011350	13,50	160	108	2.237,57
B00005011400	14,00	160	108	2.374,37
B00005011450	14,50	169	114	2.651,99
B00005011500	15,00	169	114	2.774,57
B00005011550	15,50	178	120	2.887,07
B00005011600	16,00	178	120	3.172,91
B00005011650	16,50	184	125	*
B00005011700	17,00	184	125	*
B00005011750	17,50	191	130	*
B00005011800	18,00	191	130	*
B00005011850	18,50	198	135	*
B00005011900	19,00	198	135	*
B00005011950	19,50	205	140	*
B00005012000	20,00	205	140	*

İSTEK HALİNDE H - W TİPLERİNDE VE SOL KESİCİ OLARAK ÜRETİLEBİLİR.

Siparişlerinize Termin Verilecektir.



Silindirik Saplı Kısa Matkap Ucu - ALÜMİNYUM GÜMÜŞ SERİ



Ürün kodu	d1 mm	L1 mm	L2 mm	TL/Adet
B00005012050	20,50	213	145	*
B00005012100	21,00	213	145	*
B00005012150	21,50	221	150	*
B00005012200	22,00	221	150	*
B00005012250	22,50	229	155	*
B00005012300	23,00	229	155	*
B00005012350	23,50	229	155	*
B00005012400	24,00	236	160	*
B00005012450	24,50	236	160	*
B00005012500	25,00	236	160	*

İSTEK HALİNDE H - W TİPLERİNDE VE SOL KESİCİ OLARAK ÜRETİLEBİLİR.

■ Siparişlerinize Termin Verilecektir.

■ Siparişlerinize Termin, Min. Adet ve Fiyat Verilecektir.



Silindirik Saplı Kısa SOL Matkap Ucu - TAŞLANMIŞ



Ürün kodu	d1 mm	L1 mm	L2 mm	TL/Adet
B00007010100	1,00	34	12	266,23
B00007010110	1,10	36	14	*
B00007010120	1,20	38	16	*
B00007010130	1,30	38	16	*
B00007010140	1,40	40	18	*
B00007010150	1,50	40	18	190,67
B00007010160	1,60	43	20	*
B00007010170	1,70	43	20	*
B00007010180	1,80	46	22	*
B00007010190	1,90	46	22	*
B00007010200	2,00	49	24	188,00
B00007010210	2,10	49	24	*
B00007010220	2,20	53	27	*
B00007010230	2,30	53	27	*
B00007010240	2,40	57	30	*
B00007010250	2,50	57	30	192,45
B00007010260	2,60	57	30	*
B00007010270	2,70	61	33	*
B00007010280	2,80	61	33	*
B00007010290	2,90	61	33	*
B00007010300	3,00	61	33	204,67
B00007010310	3,10	65	36	*
B00007010320	3,20	65	36	263,52
B00007010330	3,30	65	36	253,57
B00007010340	3,40	70	39	*
B00007010350	3,50	70	39	238,68
B00007010360	3,60	70	39	*
B00007010370	3,70	70	39	*
B00007010380	3,80	75	43	*
B00007010390	3,90	75	43	*
B00007010400	4,00	75	43	287,32
B00007010410	4,10	75	43	*
B00007010420	4,20	75	43	308,37
B00007010430	4,30	80	47	*
B00007010440	4,40	80	47	*
B00007010450	4,50	80	47	326,13
B00007010460	4,60	80	47	*
B00007010470	4,70	80	47	*
B00007010480	4,80	86	52	*

İSTEK HALİNDE H - W TİPLERİNDE KAPLAMALI OLARAK ÜRETİLEBİLİR

■ Siparişlerinize Termin, Min. Adet ve Fiyat Verilecektir.

■ Siparişlerinize Termin Verilecektir.



Silindirik Saplı Kısa SOL Matkap Ucu - TAŞLANMIŞ



Ürün kodu	d1 mm	L1 mm	L2 mm	TL/Adet
B00007010490	4,90	86	52	*
B00007010500	5,00	86	52	366,34
B00007010510	5,10	86	52	*
B00007010520	5,20	86	52	*
B00007010530	5,30	86	52	*
B00007010540	5,40	93	57	*
B00007010550	5,50	93	57	449,63
B00007010560	5,60	93	57	*
B00007010570	5,70	93	57	*
B00007010580	5,80	93	57	*
B00007010590	5,90	93	57	*
B00007010600	6,00	93	57	480,67
B00007010610	6,10	101	63	*
B00007010620	6,20	101	63	*
B00007010630	6,30	101	63	*
B00007010640	6,40	101	63	*
B00007010650	6,50	101	63	589,20
B00007010660	6,60	101	63	*
B00007010670	6,70	101	63	*
B00007010680	6,80	109	69	746,25
B00007010690	6,90	109	69	*
B00007010700	7,00	109	69	705,43
B00007010710	7,10	109	69	*
B00007010720	7,20	109	69	*
B00007010730	7,30	109	69	*
B00007010740	7,40	109	69	*
B00007010750	7,50	109	69	798,90
B00007010760	7,60	117	75	*
B00007010770	7,70	117	75	*
B00007010780	7,80	117	75	*
B00007010790	7,90	117	75	*
B00007010800	8,00	117	75	869,43
B00007010810	8,10	117	75	*
B00007010820	8,20	117	75	*
B00007010830	8,30	117	75	*
B00007010840	8,40	117	75	*
B00007010850	8,50	117	75	998,52
B00007010860	8,60	125	81	*
B00007010870	8,70	125	81	*
B00007010880	8,80	125	81	*
B00007010890	8,90	125	81	*
B00007010900	9,00	125	81	1.115,42
B00007010910	9,10	125	81	*
B00007010920	9,20	125	81	*
B00007010930	9,30	125	81	*

İSTEK HALİNDE H - W TİPLERİNDE KAPLAMALI OLARAK ÜRETİLEBİLİR

■ Siparişlerinize Termin, Min. Adet ve Fiyat Verilecektir.



Silindirik Saplı Kısa SOL Matkap Ucu - TAŞLANMIŞ



Ürün kodu	d1 mm	L1 mm	L2 mm	TL/Adet
B00007010940	9,40	125	81	*
B00007010950	9,50	125	81	1.273,36
B00007010960	9,60	133	87	*
B00007010970	9,70	133	87	*
B00007010980	9,80	133	87	*
B00007010990	9,90	133	87	*
B00007011000	10,00	133	87	1.368,77
B00007011010	10,10	133	87	*
B00007011020	10,20	133	87	1.792,51
B00007011030	10,30	133	87	*
B00007011040	10,40	133	87	*
B00007011050	10,50	133	87	1.593,55
B00007011060	10,60	133	87	*
B00007011070	10,70	142	94	*
B00007011080	10,80	142	94	*
B00007011090	10,90	142	94	*
B00007011100	11,00	142	94	1.859,93
B00007011110	11,10	142	94	*
B00007011120	11,20	142	94	*
B00007011130	11,30	142	94	*
B00007011140	11,40	142	94	*
B00007011150	11,50	142	94	1.959,55
B00007011160	11,60	142	94	*
B00007011170	11,70	142	94	*
B00007011180	11,80	142	94	*
B00007011190	11,90	151	101	*
B00007011200	12,00	151	101	2.163,58
B00007011210	12,10	151	101	*
B00007011220	12,20	151	101	*
B00007011230	12,30	151	101	*
B00007011240	12,40	151	101	*
B00007011250	12,50	151	101	2.333,81
B00007011260	12,60	151	101	*
B00007011270	12,70	151	101	*
B00007011280	12,80	151	101	*
B00007011290	12,90	151	101	*
B00007011300	13,00	151	101	2.487,82
B00007011310	13,10	151	101	*
B00007011320	13,20	151	101	*
B00007011330	13,30	160	108	*
B00007011340	13,40	160	108	*
B00007011350	13,50	160	108	*
B00007011360	13,60	160	108	*
B00007011370	13,70	160	108	*
B00007011380	13,80	160	108	*

İSTEK HALİNDE H - W TİPLERİNDE KAPLAMALI OLARAK ÜRETİLEBİLİR

■ Siparişlerinize Termin, Min. Adet ve Fiyat Verilecektir.

■ Siparişlerinize Termin Verilecektir.



Silindirik Saplı Kısa SOL Matkap Ucu - TAŞLANMIŞ



Ürün kodu	d1 mm	L1 mm	L2 mm	TL/Adet
B00007011390	13,90	160	108	*
B00007011400	14,00	160	108	*
B00007011410	14,10	169	114	*
B00007011420	14,20	169	114	*
B00007011430	14,30	169	114	*
B00007011440	14,40	169	114	*
B00007011450	14,50	169	114	*
B00007011460	14,60	169	114	*
B00007011470	14,70	169	114	*
B00007011480	14,80	169	114	*
B00007011490	14,90	169	114	*
B00007011500	15,00	169	114	*
B00007011510	15,10	178	120	*
B00007011520	15,20	178	120	*
B00007011530	15,30	178	120	*
B00007011540	15,40	178	120	*
B00007011550	15,50	178	120	*
B00007011560	15,60	178	120	*
B00007011570	15,70	178	120	*
B00007011580	15,80	178	120	*
B00007011590	15,90	178	120	*
B00007011600	16,00	178	120	*
B00007011610	16,10	184	125	*
B00007011620	16,20	184	125	*
B00007011630	16,30	184	125	*
B00007011640	16,40	184	125	*
B00007011650	16,50	184	125	*
B00007011660	16,60	184	125	*
B00007011670	16,70	184	125	*
B00007011680	16,80	184	125	*
B00007011690	16,90	184	125	*
B00007011700	17,00	184	125	*
B00007011710	17,10	191	130	*
B00007011720	17,20	191	130	*
B00007011730	17,30	191	130	*
B00007011740	17,40	191	130	*
B00007011750	17,50	191	130	*
B00007011760	17,60	191	130	*
B00007011770	17,70	191	130	*
B00007011780	17,80	191	130	*
B00007011790	17,90	191	130	*
B00007011800	18,00	191	130	*
B00007011810	18,10	198	135	*
B00007011820	18,20	198	135	*

İSTEK HALİNDE H - W TIPLERİNDE KAPLAMALI OLARAK ÜRETİLEBİLİR

■ Siparişlerinize Termin, Min. Adet ve Fiyat Verilecektir.



Silindirik Saplı Kısa SOL Matkap Ucu - TAŞLANMIŞ



Ürün kodu	d1 mm	L1 mm	L2 mm	TL/Adet
B00007011830	18,30	198	135	*
B00007011840	18,40	198	135	*
B00007011850	18,50	198	135	*
B00007011860	18,60	198	135	*
B00007011870	18,70	198	135	*
B00007011880	18,80	198	135	*
B00007011890	18,90	198	135	*
B00007011900	19,00	198	135	*
B00007011910	19,10	205	140	*
B00007011920	19,20	205	140	*
B00007011930	19,30	205	140	*
B00007011940	19,40	205	140	*
B00007011950	19,50	205	140	*
B00007011960	19,60	205	140	*
B00007011970	19,70	205	140	*
B00007011980	19,80	205	140	*
B00007011990	19,90	205	140	*
B00007012000	20,00	205	140	*

İSTEK HALİNDE H - W TİPLERİNDE KAPLAMALI OLARAK ÜRETİLEBİLİR

■ Siparişlerinize Termin, Min. Adet ve Fiyat Verilecektir.



Silindirik Saplı Kısa Matkap Ucu - TiN KAPLAMALI

HSS-E

DIN  
338

TS  
ISO  
235

ÖZEL



h8



TiN



Ürün kodu	d1 mm	L1 mm	L2 mm	TL/Adet
B00006000150	1,5	40	18	191,40
B00006000200	2,0	49	24	210,26
B00006000250	2,5	57	30	210,26
B00006000300	3,0	61	33	223,45
B00006000330	3,3	65	36	255,86
B00006000350	3,5	70	39	239,44
B00006000400	4,0	75	43	275,39
B00006000420	4,2	75	43	294,56
B00006000450	4,5	80	47	329,50
B00006000500	5,0	86	52	355,72
B00006000550	5,5	93	57	415,63
B00006000600	6,0	93	57	398,29
B00006000650	6,5	101	63	737,77
B00006000680	6,8	109	69	856,28
B00006000700	7,0	109	69	805,51
B00006000750	7,5	109	69	866,50
B00006000800	8,0	117	75	910,93
B00006000850	8,5	117	75	994,99
B00006000900	9,0	125	81	1.075,23
B00006000950	9,5	125	81	1.188,21
B00006001000	10,0	133	87	1.238,78
B00006001050	10,5	133	87	1.400,86
B00006001100	11,0	142	94	1.576,59
B00006001150	11,5	142	94	1.638,44
B00006001200	12,0	151	101	2.098,93
B00006001250	12,5	151	101	2.210,40
B00006001300	13,0	151	101	2.354,72
B00006001350	13,5	160	108	4.034,73
B00006001400	14,0	160	108	4.269,67
B00006001450	14,5	169	114	4.769,75
B00006001500	15,0	169	114	4.995,14
B00006001550	15,5	178	120	*
B00006001600	16,0	178	120	*

İSTEK HALİNDE H - W TİPLERİNDE VE SOL KESİCİ OLARAK ÜRETİLEBİLİR.

■ Siparişlerinize Termin, Min. Adet ve Fiyat Verilecektir.

■ Siparişlerinize Termin Verilecektir.



Silindirik Saplı Kısa Matkap Ucu - TiN KAPLAMALI



Ürün kodu	d1 mm	L1 mm	L2 mm	TL/Adet
B00006001650	16.50	184	125	*
B00006001700	17.00	184	125	*
B00006001750	17.50	191	130	*
B00006001800	18.00	191	130	*
B00006001850	18.50	198	135	*
B00006001900	19.00	198	135	*
B00006001950	19.50	205	140	*
B00006002000	20.00	205	140	*
B00006002050	20,50	213	145	*
B00006002100	21,00	213	145	*
B00006002150	21,50	221	150	*
B00006002200	22,00	221	150	*
B00006002250	22,50	229	155	*
B00006002300	23,00	229	155	*
B00006002350	23,50	229	155	*
B00006002400	24,00	236	160	*
B00006002450	24,50	236	160	*
B00006002500	25,00	236	160	*

İSTEK HALİNDE H - W TİPLERİNDE VE SOL KESİCİ OLARAK ÜRETİLEBİLİR.

■ Siparişlerinize Termin, Min. Adet ve Fiyat Verilecektir.



Silindirik Saplı Uzun Matkap Ucu



Ürün kodu	d1 mm	L1 mm	L2 mm	TL/Adet
B00007200100	1,00	56	33	421,56
B00007200110	1,10	60	37	426,52
B00007200120	1,20	65	41	407,90
B00007200130	1,30	65	41	369,72
B00007200140	1,40	70	45	347,05
B00007200150	1,50	70	45	294,47
B00007200160	1,60	76	50	313,30
B00007200170	1,70	76	50	313,30
B00007200180	1,80	80	53	313,30
B00007200190	1,90	80	53	313,30
B00007200200	2,00	85	56	200,20
B00007200210	2,10	85	56	256,60
B00007200220	2,20	90	59	256,60
B00007200230	2,30	90	59	256,60
B00007200240	2,40	95	62	256,60
B00007200250	2,50	95	62	211,72
B00007200260	2,60	95	62	271,43
B00007200270	2,70	100	66	271,43
B00007200280	2,80	100	66	271,43
B00007200290	2,90	100	66	275,50
B00007200300	3,00	100	66	211,72
B00007200310	3,10	106	69	275,50
B00007200320	3,20	106	69	234,15
B00007200330	3,30	106	69	260,15
B00007200340	3,40	112	73	290,39
B00007200350	3,50	112	73	256,60
B00007200360	3,60	112	73	290,39
B00007200370	3,70	112	73	302,14
B00007200380	3,80	119	78	298,15
B00007200390	3,90	119	78	327,71
B00007200400	4,00	119	78	283,58
B00007200410	4,10	119	78	335,39
B00007200420	4,20	119	78	286,39
B00007200430	4,30	126	82	355,24
B00007200440	4,40	126	82	355,24
B00007200450	4,50	126	82	316,98
B00007200460	4,60	126	82	363,10
B00007200470	4,70	126	82	376,81
B00007200480	4,80	132	87	376,81



Silindirik Saplı Uzun Matkap Ucu



Ürün kodu	d1 mm	L1 mm	L2 mm	TL/Adet
B00007200490	4,90	132	87	<b>376,81</b>
B00007200500	5,00	132	87	<b>358,94</b>
B00007200510	5,10	132	87	<b>396,20</b>
B00007200520	5,20	132	87	<b>411,34</b>
B00007200530	5,30	132	87	<b>400,09</b>
B00007200540	5,40	139	91	<b>400,09</b>
B00007200550	5,50	139	91	<b>411,34</b>
B00007200560	5,60	139	91	<b>411,34</b>
B00007200570	5,70	139	91	<b>417,42</b>
B00007200580	5,80	139	91	<b>424,71</b>
B00007200590	5,90	139	91	<b>427,28</b>
B00007200600	6,00	139	91	<b>437,40</b>
B00007200610	6,10	148	97	<b>456,24</b>
B00007200620	6,20	148	97	<b>490,12</b>
B00007200630	6,30	148	97	<b>503,30</b>
B00007200640	6,40	148	97	<b>566,03</b>
B00007200650	6,50	148	97	<b>482,92</b>
B00007200660	6,60	148	97	<b>590,42</b>
B00007200670	6,70	148	97	<b>613,12</b>
B00007200680	6,80	156	102	<b>691,17</b>
B00007200690	6,90	156	102	<b>691,17</b>
B00007200700	7,00	156	102	<b>557,33</b>
B00007200710	7,10	156	102	<b>733,59</b>
B00007200720	7,20	156	102	<b>740,10</b>
B00007200730	7,30	156	102	<b>740,10</b>
B00007200740	7,40	156	102	<b>751,32</b>
B00007200750	7,50	156	102	<b>664,48</b>
B00007200760	7,60	165	109	<b>769,26</b>
B00007200770	7,70	165	109	<b>784,95</b>
B00007200780	7,80	165	109	<b>784,95</b>
B00007200790	7,90	165	109	<b>784,95</b>
B00007200800	8,00	165	109	<b>664,48</b>
B00007200810	8,10	165	109	<b>834,15</b>
B00007200820	8,20	165	109	<b>798,79</b>
B00007200830	8,30	165	109	<b>903,54</b>
B00007200840	8,40	165	109	<b>944,10</b>
B00007200850	8,50	165	109	<b>778,45</b>
B00007200860	8,60	175	115	<b>968,65</b>
B00007200870	8,70	175	115	<b>1.048,76</b>
B00007200880	8,80	175	115	<b>1.123,06</b>
B00007200890	8,90	175	115	<b>1.151,84</b>
B00007200900	9,00	175	115	<b>810,05</b>
B00007200910	9,10	175	115	<b>1.180,55</b>
B00007200920	9,20	175	115	<b>1.180,55</b>
B00007200930	9,30	175	115	<b>1.180,55</b>



Silindirik Saplı Uzun Matkap Ucu



Ürün kodu	d1 mm	L1 mm	L2 mm	TL/Adet
B00007200940	9,40	175	115	<b>1.180,55</b>
B00007200950	9,50	175	115	<b>970,74</b>
B00007200960	9,60	184	121	<b>1.332,75</b>
B00007200970	9,70	184	121	<b>1.635,00</b>
B00007200980	9,80	184	121	<b>1.332,75</b>
B00007200990	9,90	184	121	<b>1.330,44</b>
B00007201000	10,00	184	121	<b>962,36</b>
B00007201010	10,10	184	121	<b>1.399,93</b>
B00007201020	10,20	184	121	<b>1.370,94</b>
B00007201030	10,30	184	121	<b>1.469,34</b>
B00007201040	10,40	184	121	<b>1.525,20</b>
B00007201050	10,50	184	121	<b>1.375,10</b>
B00007201060	10,60	184	121	<b>1.538,83</b>
B00007201070	10,70	195	128	<b>1.589,92</b>
B00007201080	10,80	195	128	<b>1.748,96</b>
B00007201090	10,90	195	128	<b>1.867,78</b>
B00007201100	11,00	195	128	<b>1.415,79</b>
B00007201130	11,30	195	128	<b>2.415,45</b>
B00007201140	11,40	195	128	<b>2.525,22</b>
B00007201150	11,50	195	128	<b>1.585,74</b>
B00007201170	11,70	195	128	<b>2.913,85</b>
B00007201180	11,80	195	128	<b>2.247,52</b>
B00007201190	11,90	205	134	<b>2.247,52</b>
B00007201200	12,00	205	134	<b>1.777,65</b>
B00007201220	12,20	205	134	<b>2.446,93</b>
B00007201230	12,30	205	134	<b>2.446,93</b>
B00007201250	12,50	205	134	<b>1.777,65</b>
B00007201270	12,70	205	134	<b>3.186,75</b>
B00007201280	12,80	205	134	<b>3.189,24</b>
B00007201300	13,00	205	134	<b>1.894,35</b>
B00007201320	13,20	205	134	<b>3.824,10</b>
B00007201350	13,50	214	140	<b>2.142,47</b>
B00007201400	14,00	214	140	<b>2.421,64</b>
B00007201450	14,50	220	144	<b>2.817,72</b>
B00007201500	15,00	220	144	<b>2.972,31</b>
B00007201550	15,50	227	149	<b>3.754,75</b>
B00007201600	16,00	227	149	<b>3.537,81</b>
B00007201650	16,50	235	154	<b>5.076,67</b>
B00007201700	17,00	235	154	<b>4.233,49</b>
B00007201750	17,50	241	158	<b>5.500,91</b>
B00007201800	18,00	241	158	<b>4.740,63</b>
B00007201850	18,50	247	162	<b>6.395,91</b>
B00007201900	19,00	247	162	<b>5.680,00</b>
B00007201950	19,50	254	166	<b>7.066,65</b>
B00007202000	20,00	254	166	<b>6.216,84</b>

Siparişlerinize Termin Verilecektir.



Mors Konik Saplı Matkap Ucu



Ürün kodu	d1 mm	L1 mm	L2 mm	Mors Konik No	TL/Adet
B00007400800	8,0	156	75	1	1.542,70
B00007400850	8,5	156	75	1	1.491,59
B00007400900	9,0	162	81	1	1.360,04
B00007400950	9,5	162	81	1	1.834,20
B00007401000	10,0	168	87	1	1.538,83
B00007401050	10,5	168	87	1	1.564,31
B00007401100	11,0	175	94	1	1.606,08
B00007401150	11,5	175	94	1	1.643,23
B00007401200	12,0	182	101	1	1.676,68
B00007401250	12,5	182	101	1	1.712,20
B00007401300	13,0	182	101	1	1.757,14
B00007401350	13,5	189	108	1	1.999,20
B00007401400	14,0	189	108	1	2.243,60
B00007401450	14,5	212	114	2	2.580,69
B00007401500	15,0	212	114	2	2.615,11
B00007401550	15,5	218	120	2	2.839,98
B00007401600	16,0	218	120	2	2.935,32
B00007401650	16,5	223	125	2	3.021,90
B00007401700	17,0	223	125	2	3.108,71
B00007401750	17,5	228	130	2	3.186,09
B00007401800	18,0	228	130	2	3.345,86
B00007401850	18,5	233	135	2	3.559,92
B00007401900	19,0	233	135	2	3.825,61
B00007401950	19,5	238	140	2	4.068,05
B00007402000	20,0	238	140	2	4.088,69
B00004002050	20,5	243	145	2	4.495,39
B00004002100	21,0	243	145	2	4.557,49
B00004002150	21,5	248	150	2	5.052,43
B00004002200	22,0	248	150	2	5.155,51
B00004002250	22,5	253	155	2	5.650,56
B00004002300	23,0	253	155	2	5.712,26
B00004002350	23,5	276	155	3	5.773,97
B00004002400	24,0	281	160	3	6.330,74
B00004002450	24,5	281	160	3	6.743,66
B00004002500	25,0	281	160	3	7.011,35
B00004002550	25,5	286	165	3	7.897,89
B00004002600	26,0	286	165	3	8.248,35



Mors Konik Saplı Matkap Ucu



Ürün kodu	d1 mm	L1 mm	L2 mm	Mors Konik No	TL/Adet
B00004002650	26,5	286	165	3	8.558,02
B00004002700	27,0	291	170	3	9.052,70
B00004002750	27,5	291	170	3	9.361,99
B00004002800	28,0	291	170	3	9.650,49
B00004002850	28,5	296	175	3	10.021,75
B00004002900	29,0	296	175	3	10.392,58
B00004002950	29,5	296	175	3	10.805,52
B00004003000	30,0	296	175	3	11.176,79
B00004003050	30,5	301	180	3	11.527,32
B00004003100	31,0	301	180	3	12.022,12
B00004003150	31,5	301	180	3	12.393,41
B00004003200	32,0	334	185	4	12.867,46
B00004003250	32,5	334	185	4	13.341,95
B00004003300	33,0	334	185	4	13.836,77
B00004003350	33,5	334	185	4	14.310,90
B00004003400	34,0	339	190	4	14.868,08
B00004003450	34,5	339	190	4	15.321,19
B00004003500	35,0	339	190	4	15.898,81
B00004003550	35,5	339	190	4	16.558,69
B00004003600	36,0	344	195	4	17.280,36
B00004003650	36,5	344	195	4	18.125,84
B00004003700	37,0	344	195	4	18.393,73
B00004003750	37,5	344	195	4	20.167,22
B00004003800	38,0	349	200	4	20.703,22
B00004003850	38,5	349	200	4	21.651,65
B00004003900	39,0	349	200	4	22.621,07
B00004003950	39,5	349	200	4	23.693,34
B00004004000	40,0	349	200	4	24.662,64
B00004004100	41,0	354	205	4	26.330,86
B00004004200	42,0	354	205	4	29.791,86
B00004004300	43,0	359	210	4	32.746,19
B00004004400	44,0	359	210	4	34.588,41
B00004004500	45,0	359	210	4	38.129,90
B00004004600	46,0	364	215	4	39.404,92
B00004004700	47,0	364	215	4	41.732,75
B00004004800	48,0	369	220	4	43.189,87
B00004004900	49,0	369	220	4	44.100,65
B00004005000	50,0	369	220	4	45.334,93
B00004005100	51,0	412	225	5	54.527,31
B00004005200	52,0	412	225	5	55.215,56
B00004005300	53,0	412	225	5	56.334,17
B00004005400	54,0	417	230	5	59.539,52
B00004005500	55,0	417	230	5	60.162,98

Siparişlerinize Termin Verilecektir.

Devamı sayfa 43'dedir



Mors Konik Saplı Matkap Ucu



Ürün kodu	d1 mm	L1 mm	L2 mm	Mors Konik No	TL/Adet
B00004005600	56,0	417	230	5	61.023,71
B00004005700	57,0	422	235	5	62.873,20
B00004005800	58,0	422	235	5	66.444,01
B00004005900	59,0	422	235	5	70.960,76
B00004006000	60,0	422	235	5	70.960,76
B00004006100	61,0	427	240	5	*
B00004006200	62,0	427	240	5	*
B00004006300	63,0	427	240	5	*
B00004006400	64,0	432	245	5	*
B00004006500	65,0	432	245	5	*
B00004006600	66,0	432	245	5	*
B00004006700	67,0	432	245	5	*
B00004006800	68,0	437	250	5	*
B00004006900	69,0	437	250	5	*
B00004007000	70,0	437	250	5	*
B00004007100	71,0	442	255	5	*
B00004007200	72,0	442	255	5	*
B00004007300	73,0	442	255	5	*
B00004007400	74,0	442	255	5	*
B00004007500	75,0	442	255	5	*
B00004007600	76,0	447	260	5	*
B00004007700	77,0	514	260	5	*
B00004007800	78,0	514	260	5	*
B00004007900	79,0	514	260	5	*
B00004008000	80,0	514	260	5	*
B00004008100	81,0	519	265	5	*
B00004008200	82,0	519	265	5	*
B00004008300	83,0	519	265	5	*
B00004008400	84,0	519	265	5	*
B00004008500	85,0	519	265	5	*
B00004008600	86,0	524	270	5	*
B00004008700	87,0	524	270	5	*
B00004008800	88,0	524	270	5	*
B00004008900	89,0	524	270	5	*
B00004009000	90,0	524	270	5	*

Siparişlerinize Termin Verilecektir.

Siparişlerinize Termin, Min. Adet ve Fiyat Verilecektir.



### Mors Konik Saplı Matkap Ucu



Ürün kodu	d1 mm	L1 mm	L2 mm	Mors Konik No	TL/Adet
B00008630800	8,00	156	75	1	1.851,22
B00008630850	8,50	156	75	1	1.789,97
B00008630900	9,00	162	81	1	1.631,79
B00008630950	9,50	162	81	1	2.201,28
B00008631000	10,00	168	87	1	1.846,82
B00008631050	10,50	168	87	1	1.876,97
B00008631100	11,00	175	94	1	1.927,22
B00008631150	11,50	175	94	1	1.971,86
B00008631200	12,00	182	101	1	2.011,70
B00008631250	12,50	182	101	1	2.055,01
B00008631300	13,00	182	101	1	2.108,87
B00008631350	13,50	189	108	1	2.398,94
B00008631400	14,00	189	108	1	2.692,22
B00008631450	14,50	212	114	2	3.096,69
B00008631500	15,00	212	114	2	3.137,76
B00008631550	15,50	218	120	2	3.407,48
B00008631600	16,00	218	120	2	3.521,98
B00008631650	16,50	223	125	2	3.626,37
B00008631700	17,00	223	125	2	3.730,38
B00008631750	17,50	228	130	2	3.823,16
B00008631800	18,00	228	130	2	4.014,87
B00008631850	18,50	233	135	2	4.272,06
B00008631900	19,00	233	135	2	4.590,59
B00008631950	19,50	238	140	2	4.881,80
B00008632000	20,00	238	140	2	4.906,32
B00008632050	20,50	243	145	2	5.394,52
B00008632100	21,00	243	145	2	5.468,93
B00008632150	21,50	248	150	2	6.062,79
B00008632200	22,00	248	150	2	6.186,67
B00008632250	22,50	253	155	2	6.780,51
B00008632300	23,00	253	155	2	6.854,96
B00008632350	23,50	276	155	3	6.928,69
B00008632400	24,00	281	160	3	7.596,65
B00008632450	24,50	281	160	3	8.092,12
B00008632500	25,00	281	160	3	8.413,32
B00008632550	25,50	286	165	3	9.477,61
B00008632600	26,00	286	165	3	9.897,98



Mors Konik Saplı Matkap Ucu



Ürün kodu	d1 mm	L1 mm	L2 mm	Mors Konik No	TL/Adet
B00008632650	26,50	286	165	3	10.269,76
B00008632700	27,00	291	170	3	10.863,52
B00008632750	27,50	291	170	3	11.234,34
B00008632800	28,00	291	170	3	11.580,75
B00008632850	28,50	296	175	3	12.026,14
B00008632900	29,00	296	175	3	12.471,22
B00008632950	29,50	296	175	3	12.966,36
B00008633000	30,00	296	175	3	13.411,75
B00008633050	30,50	301	180	3	13.832,36
B00008633100	31,00	301	180	3	14.426,57
B00008633150	31,50	301	180	3	14.872,10
B00008633200	32,00	334	185	4	15.440,83
B00008633250	32,50	334	185	4	16.010,70
B00008633300	33,00	334	185	4	16.604,17
B00008633350	33,50	334	185	4	17.172,98
B00008633400	34,00	339	190	4	17.841,90
B00008633450	34,50	339	190	4	18.385,79
B00008633500	35,00	339	190	4	19.078,58
B00008633550	35,50	339	190	4	19.870,54
B00008633600	36,00	344	195	4	20.736,57
B00008633650	36,50	344	195	4	21.751,03
B00008633700	37,00	344	195	4	22.072,46
B00008633750	37,50	344	195	4	24.200,40
B00008633800	38,00	349	200	4	24.843,86
B00008633850	38,50	349	200	4	25.982,44
B00008633900	39,00	349	200	4	27.145,67
B00008633950	39,50	349	200	4	28.432,04
B00008634000	40,00	349	200	4	29.594,94
B00008634100	41,00	354	205	4	31.596,96
B00008634200	42,00	354	205	4	35.749,98
B00008634300	43,00	359	210	4	39.295,63
B00008634400	44,00	359	210	4	41.506,09
B00008634500	45,00	359	210	4	45.756,51
B00008634600	46,00	364	215	4	47.285,92
B00008634700	47,00	364	215	4	50.079,40
B00008634800	48,00	369	220	4	51.828,18
B00008634900	49,00	369	220	4	52.920,94
B00008635000	50,00	369	220	4	54.401,77
B00008635100	51,00	412	225	5	*
B00008635200	52,00	412	225	5	*
B00008635300	53,00	412	225	5	*
B00008635400	54,00	417	230	5	*
B00008635500	55,00	417	230	5	*



Mors Konik Saplı Matkap Ucu



Ürün kodu	d1 mm	L1 mm	L2 mm	Mors Konik No	TL/Adet
B00008635600	56.00	417	230	5	*
B00008635700	57.00	422	235	5	*
B00008635800	58.00	422	235	5	*
B00008635900	59.00	422	235	5	*
B00008636000	60.00	422	235	5	*
B00008636100	61.00	427	240	5	*
B00008636200	62.00	427	240	5	*
B00008636300	63.00	427	240	5	*
B00008636400	64.00	432	245	5	*
B00008636500	65.00	432	245	5	*
B00008636600	66.00	432	245	5	*
B00008636700	67.00	432	245	5	*
B00008636800	68.00	437	250	5	*
B00008636900	69.00	437	250	5	*
B00008637000	70.00	437	250	5	*
B00008637100	71.00	442	255	5	*
B00008637200	72.00	442	255	5	*
B00008637300	73.00	442	255	5	*
B00008637400	74.00	442	255	5	*
B00008637500	75.00	442	255	5	*
B00008637600	76.00	447	260	5	*
B00008637700	77.00	514	260	6	*
B00008637800	78.00	514	260	6	*
B00008637900	79.00	514	260	6	*
B00008638000	80.00	514	260	6	*
B00008638100	81.00	519	265	6	*
B00008638200	82.00	519	265	6	*
B00008638300	83.00	519	265	6	*
B00008638400	84.00	519	265	6	*
B00008638500	85.00	519	265	6	*
B00008638600	86.00	524	270	6	*
B00008638700	87.00	524	270	6	*
B00008638800	88.00	524	270	6	*
B00008638900	89.00	524	270	6	*
B00008639000	90.00	524	270	6	*



Mors Konik Saplı Uzun Matkap Ucu



Ürün kodu	d1 mm	L1 mm	L2 mm	Mors Konik No	TL/Adet
B00007301200	12,0	215	134	1	3.011,64
B00007301250	12,5	215	134	1	3.069,47
B00007301300	13,0	215	134	1	3.186,60
B00007301350	13,5	223	142	1	3.520,03
B00007301400	14,0	223	142	1	3.627,28
B00007301450	14,5	245	147	2	4.385,71
B00007301500	15,0	245	147	2	4.385,71
B00007301600	16,0	251	153	2	4.658,31
B00007301700	17,0	257	159	2	4.853,04
B00007301800	18,0	263	165	2	5.457,37
B00007301900	19,0	269	171	2	5.983,43
B00007302000	20,0	275	177	2	6.509,61
B00004422050	20,5	282	184	2	7.386,89
B00004422100	21,0	282	184	2	6.685,22
B00004422150	21,5	289	191	2	7.873,84
B00004422200	22,0	289	191	2	7.581,67
B00004422250	22,5	296	198	2	8.263,48
B00004422300	23,0	296	198	2	7.873,84
B00004422350	23,5	319	198	3	8.946,15
B00004422400	24,0	327	206	3	9.530,60
B00004422450	24,5	327	206	3	10.037,64
B00004422500	25,0	327	206	3	9.647,24
B00004422550	25,5	335	214	3	11.498,51
B00004422600	26,0	335	214	3	11.206,38
B00004422650	26,5	335	214	3	11.888,92
B00004422700	27,0	343	222	3	11.888,92
B00004422750	27,5	343	222	3	13.954,16
B00004422800	28,0	343	222	3	13.077,56
B00004422850	28,5	351	230	3	14.149,30
B00004422900	29,0	351	230	3	14.987,04
B00004422950	29,5	351	230	3	16.780,33
B00004423000	30,0	351	230	3	15.377,47
B00004423100	31,0	360	239	3	17.949,99
B00004423200	32,0	397	248	4	19.197,15
B00004423300	33,0	397	248	4	19.509,09

Devamı sayfa 48'dedir

Siparişlerinize Termin Verilecektir.



Mors Konik Saplı Uzun Matkap Ucu



Ürün kodu	d1 mm	L1 mm	L2 mm	Mors Konik No	TL/Adet
B00004423400	34,0	406	257	4	<b>23.621,02</b>
B00004423500	35,0	406	257	4	<b>24.127,85</b>
B00004423600	36,0	416	267	4	<b>27.538,62</b>
B00004423700	37,0	416	267	4	<b>30.442,14</b>
B00004423800	38,0	426	277	4	<b>30.442,14</b>
B00004423900	39,0	426	277	4	<b>31.475,21</b>
B00004424000	40,0	426	277	4	<b>32.430,04</b>
B00004424100	41,0	436	287	4	*
B00004424200	42,0	436	287	4	*
B00004424300	43,0	447	298	4	*
B00004424400	44,0	447	298	4	*
B00004424500	45,0	447	298	4	*
B00004424600	46,0	459	310	4	*
B00004424700	47,0	459	310	4	*
B00004424800	48,0	470	321	4	*
B00004424900	49,0	470	321	4	*
B00004425000	50,0	470	321	4	*

■ Siparişlerinize Termin Verilecektir.

■ Siparişlerinize Termin, Min. Adet ve Fiyat Verilecektir.



Silindirik Saplı Çok Uzun Matkap Ucu - N TİPİ

HSS

DIN  
1869  
Nr.1

TS  
ISO  
3292

N



h8



Ürün kodu	d1 mm	L1 mm	L2 mm	TL/Adet
B00007500200	2,0	125	85	<b>763,35</b>
B00007500250	2,5	140	95	<b>797,03</b>
B00007500300	3,0	150	100	<b>892,96</b>
B00007500350	3,5	165	115	<b>892,96</b>
B00007500400	4,0	175	120	<b>959,03</b>
B00007500420	4,2	175	120	<b>1.408,64</b>
B00007500450	4,5	185	125	<b>1.097,25</b>
B00007500500	5,0	195	135	<b>1.108,60</b>
B00007500550	5,5	205	140	<b>1.279,42</b>
B00007500600	6,0	205	140	<b>1.342,49</b>
B00007500650	6,5	215	150	<b>1.488,16</b>
B00007500700	7,0	225	155	<b>1.683,30</b>
B00007500750	7,5	225	155	<b>2.035,69</b>
B00007500800	8,0	240	165	<b>2.178,36</b>
B00007500850	8,5	240	165	<b>2.764,64</b>
B00007500900	9,0	250	175	<b>3.050,72</b>
B00007500950	9,5	250	175	<b>3.273,71</b>
B00007501000	10,0	265	185	<b>3.294,25</b>
B00007501050	10,5	265	185	<b>4.815,77</b>
B00007501100	11,0	280	195	<b>5.838,26</b>
B00007501150	11,5	280	195	<b>6.405,88</b>
B00007501200	12,0	295	205	<b>6.451,78</b>
B00007501250	12,5	295	205	<b>6.724,32</b>
B00007501300	13,0	295	205	<b>6.792,48</b>
B00007501350	13,5	305	215	<b>8.490,11</b>
B00007501400	14,0	305	215	<b>7.663,02</b>
B00007501450	14,5	320	220	<b>8.169,86</b>
B00007501500	15,0	320	220	<b>7.973,99</b>

Siparişlerinize Termin Verilecektir.



Silindirik Saplı Çok Uzun Matkap Ucu - GT100 TİPİ



Ürün kodu	d1 mm	L1 mm	L2 mm	TL/Adet
B00005550200	2,0	125	85	992,65
B00005550250	2,5	140	95	1.040,22
B00005550300	3,0	150	100	1.165,11
B00005550350	3,5	165	115	1.165,11
B00005550400	4,0	175	120	1.247,86
B00005550450	4,5	185	125	1.429,72
B00005550500	5,0	195	135	1.453,69
B00005550550	5,5	205	140	1.668,99
B00005550600	6,0	205	140	1.750,24
B00005550650	6,5	215	150	1.940,35
B00005550700	7,0	225	155	2.195,24
B00005550750	7,5	225	155	2.655,47
B00005550800	8,0	240	165	2.843,21
B00005550850	8,5	240	165	3.604,83
B00005550900	9,0	250	175	3.994,47
B00005550950	9,5	250	175	4.271,24
B00005551000	10,0	265	185	4.310,64
B00005551050	10,5	265	185	6.287,19
B00005551100	11,0	280	195	7.612,49
B00005551150	11,5	280	195	8.364,22
B00005551200	12,0	295	205	8.403,60
B00005551250	12,5	295	205	8.779,60
B00005551300	13,0	295	205	8.877,98

■ Siparişlerinize Termin Verilecektir.

İSTEK HALİNDE KAPLAMALI OLARAK ÜRETİLEBİLİR.



Silindirik Saplı Çok Uzun Matkap Ucu - N TİPİ

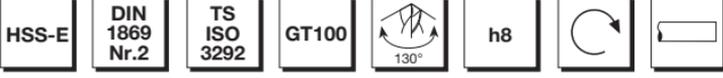


Ürün kodu	d1 mm	L1 mm	L2 mm	TL/Adet
B00007530300	3,0	190	130	1.065,55
B00007530350	3,5	210	145	1.065,55
B00007530400	4,0	220	150	1.134,88
B00007530420	4,2	220	150	1.680,13
B00007530450	4,5	235	160	1.305,79
B00007530500	5,0	245	170	1.321,48
B00007530550	5,5	260	180	1.519,57
B00007530600	6,0	260	180	1.598,88
B00007530650	6,5	275	190	1.770,26
B00007530700	7,0	290	200	1.992,65
B00007530750	7,5	290	200	2.418,67
B00007530800	8,0	305	210	2.587,35
B00007530850	8,5	305	210	3.284,93
B00007530900	9,0	320	220	3.625,42
B00007530950	9,5	320	220	3.890,65
B00007531000	10,0	340	235	3.915,31
B00007531050	10,5	340	235	5.741,51
B00007531100	11,0	365	250	6.934,86
B00007531150	11,5	365	250	7.609,83
B00007531200	12,0	375	260	7.677,69
B00007531250	12,5	375	260	8.015,12
B00007531300	13,0	375	260	8.083,18

Siparişlerinize Termin Verilecektir.



Silindirik Saplı Çok Uzun Matkap Ucu - GT100 TİPİ



Ürün kodu	d1 mm	L1 mm	L2 mm	TL/Adet
B00005610300	3,0	190	130	1.389,74
B00005610350	3,5	210	145	1.389,74
B00005610400	4,0	220	150	1.485,34
B00005610450	4,5	235	160	1.696,55
B00005610500	5,0	245	170	1.724,36
B00005610550	5,5	260	180	1.984,94
B00005610600	6,0	260	180	2.086,70
B00005610650	6,5	275	190	2.306,56
B00005610700	7,0	290	200	2.605,79
B00005610750	7,5	290	200	3.154,60
B00005610800	8,0	305	210	3.383,78
B00005610850	8,5	305	210	4.290,46
B00005610900	9,0	320	220	4.741,51
B00005610950	9,5	320	220	5.093,79
B00005611000	10,0	340	235	5.113,87
B00005611050	10,5	340	235	7.484,06
B00005611100	11,0	365	250	9.071,03
B00005611150	11,5	365	250	9.952,28
B00005611200	12,0	375	260	10.011,27
B00005611250	12,5	375	260	10.442,52
B00005611300	13,0	375	260	10.539,91

■ Siparişlerinize Termin Verilecektir.

İSTEK HALİNDE KAPLAMALI OLARAK ÜRETİLEBİLİR.



Silindirik Saplı Çok Uzun Matkap Ucu - N TİPİ

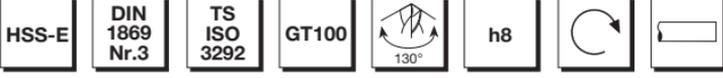


Ürün kodu	d1 mm	L1 mm	L2 mm	TL/Adet
B00007560300	3,0	235	160	<b>1.359,10</b>
B00007560350	3,5	265	180	<b>1.355,56</b>
B00007560400	4,0	280	190	<b>1.451,05</b>
B00007560450	4,5	295	200	<b>1.660,53</b>
B00007560500	5,0	315	210	<b>1.687,44</b>
B00007560550	5,5	330	225	<b>1.943,73</b>
B00007560600	6,0	330	225	<b>2.039,46</b>
B00007560650	6,5	350	235	<b>2.258,11</b>
B00007560700	7,0	370	250	<b>2.551,95</b>
B00007560750	7,5	370	250	<b>3.091,70</b>
B00007560800	8,0	390	265	<b>3.304,13</b>
B00007560850	8,5	390	265	<b>4.193,17</b>
B00007560900	9,0	410	280	<b>4.643,98</b>
B00007560950	9,5	410	280	<b>4.976,07</b>
B00007561000	10,0	430	295	<b>4.997,90</b>
B00007561050	10,5	430	295	<b>7.319,72</b>
B00007561100	11,0	455	310	<b>8.867,36</b>
B00007561150	11,5	455	310	<b>9.707,48</b>
B00007561200	12,0	480	330	<b>9.774,10</b>
B00007561250	12,5	480	330	<b>10.216,32</b>
B00007561300	13,0	480	330	<b>10.304,78</b>

Siparişlerinize Termin Verilecektir.



Silindirik Saplı Çok Uzun Matkap Ucu - GT100 TİPİ



Ürün kodu	d1 mm	L1 mm	L2 mm	TL/Adet
B00005670300	3,0	235	160	1.885,88
B00005670350	3,5	265	180	2.018,64
B00005670400	4,0	280	190	2.018,64
B00005670450	4,5	295	200	2.310,53
B00005670500	5,0	315	210	2.347,18
B00005670550	5,5	330	225	2.704,50
B00005670600	6,0	330	225	2.847,97
B00005670650	6,5	350	235	3.141,89
B00005670700	7,0	370	250	3.550,42
B00005670750	7,5	370	250	4.282,84
B00005670800	8,0	390	265	4.596,31
B00005670850	8,5	390	265	5.833,44
B00005670900	9,0	410	280	6.460,85
B00005670950	9,5	410	280	6.922,16
B00005671000	10,0	430	295	6.953,27
B00005671050	10,5	430	295	10.184,02
B00005671100	11,0	455	310	12.306,12
B00005671150	11,5	455	310	12.741,55
B00005671200	12,0	480	330	13.598,76
B00005671250	12,5	480	330	13.387,29
B00005671300	13,0	480	330	14.336,79

Siparişlerinize Termin Verilecektir.

İSTEK HALİNDE KAPLAMALI OLARAK ÜRETİLEBİLİR.



Mors Konik Saplı Çok Uzun Matkap Ucu



Ürün kodu	d1 mm	L1 mm	L2 mm	Mors Konik No	TL/Adet
B00007701000	10.0	285	185	1	3.345,86
B00007701100	11.0	300	195	1	3.541,96
B00007701200	12.0	310	205	1	3.753,70
B00007701300	13.0	310	205	1	4.715,05
B00007701400	14.0	325	220	1	6.038,50
B00007701500	15.0	340	220	2	6.618,91
B00007701600	16.0	355	230	2	6.854,57
B00007701700	17.0	355	230	2	7.543,88
B00007701800	18.0	370	245	2	8.668,23
B00007701900	19.0	370	245	2	9.502,07
B00007702000	20.0	385	260	2	10.137,20
B00004512100	21,0	385	260	2	*
B00004512200	22,0	405	270	2	*
B00004512300	23,0	405	270	2	*
B00004512400	24,0	440	290	3	*
B00004512500	25,0	440	290	3	*
B00004512600	26,0	440	290	3	*
B00004512700	27,0	460	305	3	*
B00004512800	28,0	460	305	3	*
B00004512900	29,0	460	305	3	*
B00004513000	30,0	460	305	3	*

Mors Konik Saplı Çok Uzun Matkap Ucu



Ürün kodu	d1 mm	L1 mm	L2 mm	Mors Konik No	TL/Adet
B00007731400	14.0	410	275	1	8.978,79
B00007731500	15.0	425	275	2	9.867,55
B00007731600	16.0	445	295	2	10.225,96
B00007731700	17.0	445	295	2	11.244,43
B00007731800	18.0	465	310	2	12.907,35
B00007731900	19.0	465	310	2	14.586,90
B00007732000	20,0	490	325	2	15.089,43
B00004602100	21,0	490	325	2	*
B00004602200	22,0	515	345	2	*
B00004602300	23,0	515	345	2	*
B00004602400	24,0	555	365	3	*
B00004602500	25,0	555	365	3	*
B00004602600	26,0	555	365	3	*
B00004602700	27,0	580	385	3	*
B00004602800	28,0	580	385	3	*
B00004602900	29,0	580	385	3	*
B00004603000	30,0	580	385	3	*

■ Siparişlerinize Termin Verilecektir.

■ Siparişlerinize Termin, Min. Adet ve Fiyat Verilecektir.



Silindirik Saplı Çok Kısa Matkap Ucu



Ürün kodu	d1 mm	L1 mm	L2 mm	TL/Adet
B00007800200	2,00	38	12	62,50
B00007800250	2,50	43	14	68,28
B00007800300	3,00	46	16	73,59
B00007800310	3,10	49	18	101,72
B00007800320	3,20	49	18	101,72
B00007800330	3,30	49	18	101,72
B00007800350	3,50	52	20	83,44
B00007800400	4,00	55	22	96,91
B00007800420	4,20	55	22	112,69
B00007800450	4,50	58	24	112,69
B00007800500	5,00	62	26	126,82
B00007800520	5,20	62	26	136,32
B00007800550	5,50	66	28	154,81
B00007800600	6,00	66	28	164,95
B00007800650	6,50	70	31	203,19
B00007800700	7,00	74	34	232,55
B00007800750	7,50	74	34	276,72
B00007800800	8,00	79	37	288,04
B00007800850	8,50	79	37	347,47
B00007800900	9,00	84	40	384,33
B00007800950	9,50	84	40	435,86
B00007801000	10,00	89	43	461,60
B00007801050	10,50	89	43	506,04
B00007801100	11,00	95	47	664,85
B00007801150	11,50	95	47	670,52
B00007801200	12,00	102	51	767,60
B00007801250	12,50	102	51	817,79
B00007801300	13,00	102	51	889,06
B00004671350	13,50	107	54	*
B00004671400	14,00	107	54	*
B00004671450	14,50	111	56	*
B00004671500	15,00	111	56	*
B00004671550	15,50	115	58	*
B00004671600	16,00	115	58	*

Devamı sayfa 57'dedir

■ Siparişlerinize Termin Verilecektir.

■ Siparişlerinize Termin, Min. Adet ve Fiyat Verilecektir.



Silindirik Saplı Çok Kısa Matkap Ucu



Ürün kodu	d1 mm	L1 mm	L2 mm	TL/Adet
B00004671650	16,50	119	60	*
B00004671700	17,00	119	60	*
B00004671750	17,50	123	62	*
B00004671800	18,00	123	62	*
B00004671850	18,50	127	64	*
B00004671900	19,00	127	64	*
B00004671950	19,50	131	66	*
B00004672000	20,00	131	66	*

■ Siparişlerinize Termin, Min. Adet ve Fiyat Verilecektir.

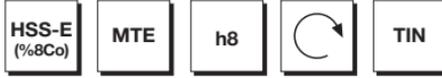


Punta Çürütme Matkap Ucu - Kısa (Havalı Tabancalar İçin)



Ürün kodu	d1 mm	L1 mm	L2 mm	TL/Adet
B00005990342	6,0	44	17	545,00
B00005990344	8,0	40	18,5	681,16
B00005990301	8,0	44	18,5	681,16

Punta Çürütme Matkap Ucu - Kısa- TIN KAPLAMALI  
(Havalı Tabancalar İçin)



Ürün kodu	d1 mm	L1 mm	L2 mm	TL/Adet
B10005990342	6,0	44	17	626,85
B10005990344	8,0	40	18,5	783,41
B10005990301	8,0	44	18,5	783,41

Siparişlerinize Termin Verilecektir.

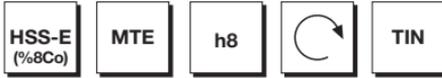


Punta Çürütme Matkap Ucu - Uzun (El Breyzi İçin)



Ürün kodu	d1 mm	L1 mm	L2 mm	TL/Adet
B00005990317	6,0	66	27	545,00
B00005990341	7,0	74	34	852,73
B00005990300	8,0	79	36	681,16

Punta Çürütme Matkap Ucu - Uzun - TIN KAPLAMALI (El Breyzi İçin)



Ürün kodu	d1 mm	L1 mm	L2 mm	TL/Adet
B10005990317	6,0	66	27	626,85
B10005990341	7,0	74	34	980,42
B10005990300	8,0	79	36	783,41

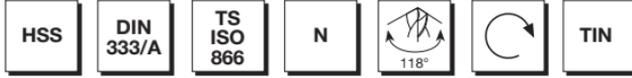
■ Siparişlerinize Termin Verilecektir.

Punta Matkabı - Form A



Ürün kodu	d1 mm	d2 (h9) mm	L1 mm	L2 mm	TL/Adet
B00010010100	1,00	3,15	31,5	1,3	<b>267,74</b>
B00010010125	1,25	3,15	31,5	1,6	<b>267,74</b>
B00010010160	1,60	4,00	35,5	2,0	<b>283,29</b>
B00010010200	2,00	5,00	40,0	2,5	<b>357,79</b>
B00010010250	2,50	6,30	45,0	3,1	<b>455,46</b>
B00010010315	3,15	8,00	50,0	3,9	<b>527,51</b>
B00010010400	4,00	10,00	56,0	5,0	<b>691,21</b>
B00010010500	5,00	12,50	63,0	6,3	<b>989,16</b>
B00010010630	6,30	16,00	71,0	8,0	<b>1.882,14</b>
B00010010800	8,00	20,00	80,0	10,1	<b>3.257,02</b>
B00010011000	10,00	25,00	100,0	12,8	<b>6.390,47</b>
B00010011250	12,50	31,50	125,0	16,5	<b>10.286,39</b>

Punta Matkabı - Form A - TIN KAPLAMALI



Ürün kodu	d1 mm	d2 (h9) mm	L1 mm	L2 mm	TL/Adet
B10010010100	1,00	3,15	31,5	1,3	<b>374,15</b>
B10010010125	1,25	3,15	31,5	1,6	<b>374,15</b>
B10010010160	1,60	4,00	35,5	2,0	<b>389,66</b>
B10010010200	2,00	5,00	40,0	2,5	<b>474,32</b>
B10010010250	2,50	6,30	45,0	3,1	<b>642,39</b>
B10010010315	3,15	8,00	50,0	3,9	<b>714,21</b>
B10010010400	4,00	10,00	56,0	5,0	<b>912,38</b>
B10010010500	5,00	12,50	63,0	6,3	<b>1.276,15</b>
B10010010630	6,30	16,00	71,0	8,0	<b>2.269,45</b>
B10010010800	8,00	20,00	80,0	10,1	<b>3.809,12</b>
B10010011000	10,00	25,00	100,0	12,8	<b>7.233,92</b>
B10010011250	12,50	31,50	125,0	16,5	<b>12.201,59</b>

İSTEK HALİNDE SOL KESİCİ OLARAK ÜRETİLEBİLİR.

 Siparişlerinize Termin Verilecektir.

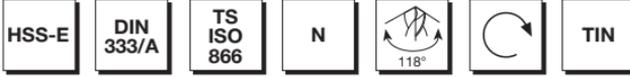


Punta Matkabı - Form A HSS-E



Ürün kodu	d1 mm	d2 (h9) mm	L1 mm	L2 mm	TL/Adet
B00010110100	1,00	3,15	31,5	1,3	347,99
B00010110125	1,25	3,15	31,5	1,6	347,99
B00010110160	1,60	4,0	35,5	2,0	367,86
B00010110200	2,00	5,0	40,0	2,5	435,52
B00010110250	2,50	6,3	45,0	3,1	554,15
B00010110315	3,15	8,0	50,0	3,9	642,39
B00010110400	4,00	10,0	56,0	5,0	841,85
B00010110500	5,00	12,5	63,0	6,3	1.204,55
B00010110630	6,30	16,0	71,0	8,0	2.291,43
B00010110800	8,00	20,0	80,0	10,1	4.234,08
B00010111000	10,00	25,0	100,0	12,8	8.307,70
B00010111250	12,50	31,50	125,0	16,5	13.372,27

Punta Matkabı - Form A HSS-E - TIN KAPLAMALI



Ürün kodu	d1 mm	d2 (h9) mm	L1 mm	L2 mm	TL/Adet
B10010110100	1,00	3,15	31,5	1,3	454,40
B10010110125	1,25	3,15	31,5	1,6	454,40
B10010110160	1,60	4,00	35,5	2,0	474,32
B10010110200	2,00	5,00	40,0	2,5	551,85
B10010110250	2,50	6,30	45,0	3,1	740,82
B10010110315	3,15	8,00	50,0	3,9	828,96
B10010110400	4,00	10,00	56,0	5,0	1.062,84
B10010110500	5,00	12,50	63,0	6,3	1.491,80
B10010110630	6,30	16,00	71,0	8,0	2.678,98
B10010110800	8,00	20,00	80,0	10,1	4.786,15
B10010111000	10,00	25,00	100,0	12,8	9.150,96
B10010111250	12,50	31,50	125,0	16,5	15.287,58

İSTEK HALİNDE SOL KESİCİ OLARAK ÜRETİLEBİLİR.

Siparişlerinize Termin Verilecektir.



### Punta Matkabı - Form B



Ürün kodu	d1 mm	d2 (h9) mm	d3 mm	L1 mm	L2 mm	TL/Adet
B00010000100	1,00	4,0	2,12	35,5	1,3	575,76
B00010000125	1,25	5,0	2,65	40,0	1,6	575,76
B00010000160	1,60	6,3	3,35	45,0	2,0	607,44
B00010000200	2,00	8,0	4,25	50,0	2,5	770,08
B00010000250	2,50	10,0	5,30	56,0	3,1	983,01
B00010000315	3,15	11,2	6,70	60,0	3,9	986,70
B00010000400	4,00	14,0	8,50	67,0	5,0	2.118,91
B00010000500	5,00	18,0	10,60	75,0	6,3	2.685,92
B00010000630	6,30	20,0	13,20	80,0	8,0	3.694,22
B00010000800	8,00	25,0	17,00	100,0	10,1	5.862,14
B00010001000	10,00	31,5	21,20	125,0	12,8	13.662,85

İSTEK HALİNDE SOL KESİCİ OLARAK ÜRETİLEBİLİR.

■ Siparişlerinize Termin Verilecektir.

### Punta Matkabı - Form R



Ürün kodu	d1 mm	d2 (h9) mm	L1 mm	L2 mm	TL/Adet
B00010020200	2,00	5,0	40,0	2,5	485,96
B00010020250	2,50	6,3	45,0	3,1	625,03
B00010020315	3,15	8,0	50,0	3,9	718,70
B00010020400	4,00	10,0	56,0	5,0	942,35
B00010020500	5,00	12,5	63,0	6,3	1.347,06
B00010020630	6,30	16,0	71,0	8,0	2.564,29
B00010020800	8,00	20,0	80,0	10,1	4.433,11
B00010021000	10,00	25,0	100,0	12,8	10.444,34

İSTEK HALİNDE SOL KESİCİ OLARAK ÜRETİLEBİLİR.

■ Siparişlerinize Termin Verilecektir.



### Punta Matkabı Uzun HSS



Ürün kodu	d1 mm	d2 (h9) mm	L1 mm	L2 mm	TL/Adet
B00010420100	2,00	6,0	100	2,5	<b>945,96</b>
B00010425100	2,50	8,0	100	3,1	<b>945,96</b>
B00010430100	3,15	8,0	100	3,7	<b>1.043,03</b>
B00010440100	4,00	10,0	100	5,0	<b>1.126,32</b>
B00010450100	5,00	12,5	100	6,3	<b>1.378,68</b>
B00010420120	2,00	6,0	120	2,5	<b>1.016,53</b>
B00010425120	2,50	8,0	120	3,1	<b>1.016,53</b>
B00010430120	3,15	8,0	120	3,7	<b>1.121,89</b>
B00010440120	4,00	10,0	120	5,0	<b>1.210,80</b>
B00010450120	5,00	12,5	120	6,3	<b>1.482,23</b>

Siparişlerinize Termin Verilecektir.

### Punta Matkabı Uzun HSS-E



Ürün kodu	d1 mm	d2 (h9) mm	L1 mm	L2 mm	TL/Adet
B00010520100	2,00	6,0	100	2,5	<b>1.087,56</b>
B00010525100	2,50	8,0	100	3,1	<b>1.087,56</b>
B00010530100	3,15	8,0	100	3,7	<b>1.199,51</b>
B00010540100	4,00	10,0	100	5,0	<b>1.295,27</b>
B00010550100	5,00	12,5	100	6,3	<b>1.585,57</b>
B00010520120	2,00	6,0	120	2,5	<b>1.169,17</b>
B00010525120	2,50	8,0	120	3,1	<b>1.169,17</b>
B00010530120	3,15	8,0	120	3,7	<b>1.289,81</b>
B00010540120	4,00	10,0	120	5,0	<b>1.392,66</b>
B00010550120	5,00	12,0	120	6,3	<b>1.704,82</b>

İSTEK HALİNDE SOL KESME YÖNLÜ OLARAK ÜRETİLEBİLİR.

Siparişlerinize Termin Verilecektir.



Çift Taraflı Matkap Ucu (Karoseri Matkap Ucu)



Ürün kodu	d1 mm	L1 mm	L2 mm	TL/Adet
B00008770200	2,0	38	8	98,08
B00008770250	2,5	43	10	102,21
B00008770300	3,0	46	11	107,89
B00008770310	3,1	49	11	142,58
B00008770320	3,2	49	11	142,58
B00008770330	3,3	49	11	132,19
B00008770350	3,5	52	14	122,38
B00008770400	4,0	55	14	147,21
B00008770420	4,2	55	14	160,52
B00008770450	4,5	58	17	171,31
B00008770500	5,0	62	17	184,47
B00008770520	5,2	62	17	215,40
B00008770550	5,5	66	19	243,73
B00008770600	6,0	66	19	255,65

İSTEK HALİNDE HSS-E (%5 co) OLARAK ÜRETİLEBİLİR.

■ Siparişlerinize Termin Verilecektir.



### Silindirik Saplı Kısa Matkap Ucu - HADDELİ SET



**Kullanım Yeri:** Sıcak haddeleme teknolojisi ile üretilir. Yüksek burulma momenti ve elastikiyeti sayesinde düşük alaşımlı çelik, döküm, metal ve metal olmayan malzemeleri özellikle el breyziyle serbest delmede ve konvansiyel tezgahlarda çalışmaya uygundur.



Ø1 - Ø10 Arası  
+0,5 Matkap Ucu  
19'lu Set

Ürün kodu	d1 mm	L1 mm	TL/Adet
B00000210010	Ø1 - Ø10 Arası +0,5 Matkap Ucu 10'lu Set		<b>3.904,99</b>





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KILAVUZLAR



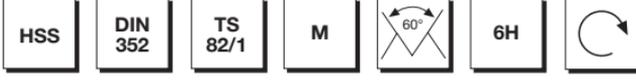
MAKINA TAKIM ENDÜSTRİSİ A.Ş.







Metrik Normal Vidalı 3'lü Takım Kılavuzu



Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	k (h12) mm	TL/Adet
B00100040200	M2	0,4	36	8	2,8	2,1	2.439,73
B00100040250	M2,5	0,45	40	9	2,8	2,1	2.439,73
B00100040300	M3	0,5	40	11	3,5	2,7	1.480,13
B00100040350	M3,5	0,6	45	13	4,0	3,0	2.215,91
B00100040400	M4	0,7	45	13	4,5	3,4	1.480,13
B00100040450	M4.5	0,75	50	16	6,0	4,9	2.452,94
B00100040500	M5	0,8	50	16	6,0	4,9	1.504,55
B00100040600	M6	1	56	19	6,0	4,9	1.589,14
B00100040700	M7	1	56	19	6,0	4,9	2.182,90
B00100040800	M8	1,25	63	22	6,0	4,9	1.752,87
B00100040900	M9	1,25	63	22	7,0	5,5	3.046,45
B00100041000	M10	1,5	70	24	7,0	5,5	2.370,98
B00100041100	M11	1,5	70	24	8,0	6,2	4.019,70
B00100041200	M12	1,75	75	28	9,0	7,0	3.184,01
B00100041400	M14	2	80	30	11,0	9,0	3.768,86
B00100041600	M16	2	80	32	12,0	9,0	4.564,59
B00100041800	M18	2,5	95	34	14,0	11,0	6.558,82
B00100042000	M20	2,5	95	34	16,0	12,0	7.378,25
B00100042200	M22	2,5	100	34	18,0	14,5	9.816,28
B00100042400	M24	3	110	38	18,0	14,5	11.610,27
B00100042600	M26	3	110	38	20,0	16,0	19.189,97
B00100042700	M27	3	110	38	20,0	16,0	16.684,90
B00100042800	M28	3	110	38	20,0	16,0	23.890,82
B00100043000	M30	3,5	125	45	22,0	18,0	20.937,70
B00100043300	M33	3,5	125	50	25,0	20,0	25.739,09
B00100043600	M36	4	150	56	28,0	22	30.210,45
B00100043900	M39	4	150	60	32	24	*
B00100044200	M42	4,5	150	60	32	24	42.574,28
B00100044500	M45	4,5	160	65	36	29	50.311,85
B00100044800	M48	5	180	70	36	29	55.969,04
B00100045200	M52	5	180	70	40	32	*
B00100045600	M56	5,5	180	70	40	32	*

■ Siparişlerinize Termin Verilecektir.

■ Siparişlerinize Termin, Min. Adet ve Fiyat Verilecektir.



Metrik Normal Vidalı 3'lü Takım Kılavuzu



Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	k (h12) mm	TL/Adet
B00109130300	M3	0,5	40	11	3,5	2,7	1.681,89
B00109130400	M4	0,7	45	13	4,5	3,4	1.681,89
B00109130500	M5	0,8	50	16	6,0	4,9	1.710,05
B00109130600	M6	1	56	19	6,0	4,9	1.798,65
B00109130800	M8	1,25	63	22	6,0	4,9	1.988,94
B00109131000	M10	1,5	70	24	7,0	5,5	2.685,14
B00109131200	M12	1,75	75	28	9,0	7,0	3.669,12
B00109131400	M14	2	80	30	11,0	9,0	4.338,07
B00109131600	M16	2	80	32	12,0	9,0	5.227,01
B00109132000	M20	2,5	95	34	16	12	8.463,53
B00109132400	M24	3	110	38	18	14,5	13.352,73
B00109132700	M27	3	110	38	20	16	22.066,76
B00109133000	M30	3,5	125	45	22	18	27.696,08

Siparişlerinize Termin Verilecektir.



Metrik Normal Vidalı 3'lü Takım Kılavuzu (1 Nr. PILOTLU)



Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	k (h12) mm	TL/Adet
B00109490300	M3	0,5	40	11	3,5	2,7	1.950,31
B00109490400	M4	0,7	45	13	4,5	3,4	1.950,31
B00109490500	M5	0,8	50	16	6,0	4,9	1.977,86
B00109490600	M6	1	56	19	6,0	4,9	2.086,70
B00109490700	M7	1	56	19	6,0	4,9	2.875,43
B00109490800	M8	1,25	63	22	6,0	4,9	2.307,01
B00109490900	M9	1,25	63	22	7,0	5,5	4.011,32
B00109491000	M10	1,5	70	24	7,0	5,5	3.120,98
B00109491100	M11	1,5	70	24	8,0	6,2	5.361,02
B00109491200	M12	1,75	75	28	9,0	7,0	4.235,72
B00109491400	M14	2	80	30	11,0	9,0	5.019,65
B00109491600	M16	2	80	32	12,0	9,0	6.065,99
B00109491800	M18	2,5	95	34	14,0	11,0	8.714,35
B00109492000	M20	2,5	95	34	16,0	12,0	9.803,63
B00109492200	M22	2,5	100	34	18,0	14,5	*
B00109492400	M24	3	110	38	18,0	14,5	*
B00109492600	M26	3	110	38	20,0	16,0	*
B00109492700	M27	3	110	38	20,0	16,0	*
B00109492800	M28	3	110	38	20,0	16,0	*
B00109493000	M30	3,5	125	45	22,0	18,0	*

■ Siparişlerinize Termin Verilecektir.

■ Siparişlerinize Termin, Min. Adet ve Fiyat Verilecektir.



Whitworth Normal Vidalı 3'lü Takım Kılavuzu



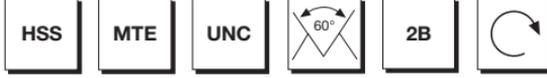
Ürün kodu	d1 BSW	P adım G/Inch	L1 mm	L2 mm	d2 mm	k (h12) mm	TL/Adet
B00100100317	W 1/8"	40	40	11	3,5	2,7	<b>2.167,83</b>
B00100100397	W 5/32"	32	45	13	4,5	3,4	<b>2.568,63</b>
B00100100476	W 3/16"	24	50	16	6,0	4,9	<b>2.304,92</b>
B00100100556	W 7/32"	24	50	16	6,0	4,9	<b>2.793,16</b>
B00100100635	W 1/4"	20	50	19	6,0	4,9	<b>2.378,66</b>
B00100100794	W 5/16"	18	56	22	6,0	4,9	<b>2.598,07</b>
B00100100952	W 3/8"	16	70	24	7,0	5,5	<b>3.120,67</b>
B00100101111	W 7/16"	14	70	24	8,0	6,2	<b>3.925,07</b>
B00100101270	W 1/2"	12	75	29	9,0	7,0	<b>4.742,95</b>
B00100101429	W 9/16"	12	80	30	11,0	9,0	<b>6.140,44</b>
B00100101587	W 5/8"	11	80	32	12,0	9,0	<b>6.965,63</b>
B00100101905	W 3/4"	10	95	40	14,0	11,0	<b>9.668,95</b>
B00100102222	W 7/8"	9	100	40	18,0	14,5	<b>12.922,53</b>
B00100102540	W 1"	8	110	50	20,0	16,0	<b>15.763,36</b>
B00100102857	W 1 1/8"	7	125	56	22	18,0	*
B00100103175	W 1 1/4"	7	125	56	25	20	*
B00100103492	W 1 3/8"	6	150	63	28	22	*
B00100103810	W 1 1/2"	6	150	63	32	24	*
B00100104445	W 1 3/4"	5	160	70	36	29	*
B00100105080	W 2"	4 1/2	180	75	40	32	*

■ Siparişlerinize Termin Verilecektir.

■ Siparişlerinize Termin, Min. Adet ve Fiyat Verilecektir.



USA Normal Vidalı 3'lü Takım Kılavuzu - UNC



Ürün kodu	d1 UNC	P adım G/Inch	L1 mm	L2 mm	d2 mm	k (h12) mm	TL/Adet
B00100140350	Nr. 6	32	45	13	4,0	3,0	2.332,32
B00100140417	Nr. 8	32	45	13	4,5	3,4	2.332,32
B00100140483	Nr. 10	24	50	16	6,0	4,9	2.438,19
B00100140549	Nr. 12	24	50	16	6,0	4,9	2.600,92
B00100140635	1/4"	20	50	19	6,0	4,9	2.461,02
B00100140794	5/16"	18	56	22	6,0	4,9	2.767,95
B00100140952	3/8"	16	70	24	7,0	5,5	3.349,60
B00100141111	7/16"	14	70	24	8,0	6,2	4.044,06
B00100141270	1/2"	13	75	29	9,0	7,0	4.628,61
B00100141429	9/16"	12	80	30	11,0	9,0	6.598,79
B00100141587	5/8"	11	80	32	12,0	9,0	6.369,85
B00100141905	3/4"	10	95	40	14,0	11,0	9.187,83
B00100142222	7/8"	9	100	40	18,0	14,5	13.197,45
B00100142540	1"	8	110	50	20,0	16,0	16.725,51
B00100143175	1 1/4"	7	125	56	25,0	20,0	*
B00100143810	1 1/2"	6	150	63	32,0	24,0	*
B00100144445	1 3/4"	5	160	70	36,0	29,0	*
B00100145080	2"	4 1/2	180	75	40,0	32,0	*

■ Siparişlerinize Termin Verilecektir.

■ Siparişlerinize Termin, Min. Adet ve Fiyat Verilecektir.



## Metrik İnce Vidalı 2'li Takım Kılavuzu



Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	k (h12) mm	TL/Adet
B00102030302	M 3	0.35	40	8	3,5	2,7	*
B00102030352	M 3,5	0.35	45	9	4	3,0	*
B00102030402	M 4	0.35	45	10	4,5	3,4	*
B00102030403	M 4	0.5	45	10	4,5	3,4	*
B00102030503	M 5	0.5	50	12	6	4,9	*
B00102030603	M 6	0.5	56	14	6	4,9	*
B00102030604	M 6	0.75	56	14	6	4,9	<b>2.284,12</b>
B00102030803	M 8	0.5	56	18	6	4,9	*
B00102030804	M 8	0.75	56	18	6	4,9	<b>2.812,96</b>
B00102030805	M 8	1	63	22	6	4,9	<b>2.411,02</b>
B00102031000	M 10	1.25	70	24	7	5,5	<b>3.319,22</b>
B00102031003	M 10	0.5	63	20	7	5,5	*
B00102031004	M 10	0.75	63	20	7	5,5	*
B00102031005	M 10	1	63	20	7	5,5	<b>2.747,30</b>
B00102031100	M 11	1.25	63	20	7	5,5	*
B00102031105	M 11	1	63	20	8	6,2	*
B00102031200	M 12	1.25	70	22	9	7,0	<b>3.778,32</b>
B00102031205	M 12	1	70	22	9	7,0	<b>3.205,69</b>
B00102031206	M 12	1.5	70	22	9	7,0	<b>2.974,23</b>
B00102031400	M 14	1.25	70	22	11	9,0	<b>4.232,07</b>
B00102031405	M 14	1	70	22	11	9,0	<b>4.472,98</b>
B00102031406	M 14	1.5	70	22	11	9,0	<b>3.778,32</b>
B00102031505	M 15	1	70	22	12	9,0	*
B00102031506	M 15	1.5	70	22	12	9,0	*
B00102031605	M 16	1	70	22	12	9,0	<b>5.063,08</b>
B00102031606	M 16	1.5	70	22	12	9,0	<b>4.232,07</b>
B00102031805	M 18	1	80	22	14	11,0	<b>6.606,65</b>
B00102031806	M 18	1.5	80	22	14	11,0	<b>5.290,01</b>
B00102031808	M 18	2	80	22	14	11,0	<b>7.247,02</b>
B00102032005	M 20	1	80	22	16	12,0	<b>7.446,82</b>
B00102032006	M 20	1.5	80	22	16	12,0	<b>5.880,71</b>
B00102032008	M 20	2	80	22	16	12,0	<b>8.037,39</b>
B00102032205	M 22	1	80	22	18	14,5	<b>10.058,07</b>
B00102032206	M 22	1.5	80	22	18	14,5	<b>8.559,29</b>
B00102032208	M 22	2	80	22	18	14,5	<b>10.058,07</b>
B00102032405	M 24	1	90	22	18	14,5	<b>11.511,23</b>
B00102032406	M 24	1.5	90	22	18	14,5	<b>9.739,95</b>

■ Siparişlerinize Termin Verilecektir.

■ Siparişlerinize Termin, Min. Adet ve Fiyat Verilecektir.

Devamı sayfa 76'dedir



Metrik İnce Vidalı 2'li Takım Kılavuzu



Ürün kodu	d1 mm	p adım	L1 mm	L2 mm	d2 mm	k (h12) mm	TL/Adet
B00102032408	M 24	2	90	22	18	14,5	10.466,81
B00102032506	M 25	1.5	90	22	18	14,5	13.327,25
B00102032606	M 26	1.5	90	22	18	14,5	11.924,56
B00102032608	M 26	2	90	22	18	14,5	11.924,56
B00102032706	M 27	1.5	90	22	20	16,0	12.259,95
B00102032708	M 27	2	90	22	20	16,0	13.385,21
B00102032806	M 28	1.5	90	22	20	16,0	13.286,66
B00102032808	M 28	2	90	22	20	16,0	13.799,88
B00102033006	M 30	1.5	90	22	22	18,0	13.630,70
B00102033008	M 30	2	90	22	22	18,0	15.399,98
B00102033206	M 32	1.5	90	22	22	18,0	*
B00102033208	M 32	2	90	22	22	18,0	*
B00102033308	M 33	2	100	25	25	20,0	20.848,37
B00102033406	M 34	1.5	100	25	28	22,0	*
B00102033506	M 35	1.5	100	25	28	22,0	*
B00102033606	M 36	1.5	100	25	28	22,0	23.763,96
B00102033608	M 36	2	125	40	28	22,0	*

■ Siparişlerinize Termin Verilecektir.

■ Siparişlerinize Termin, Min. Adet ve Fiyat Verilecektir.



USA İnce Vidalı 2'li Takım Kılavuzu - UNF



Ürün kodu	d1 UNF	P adım G/Inch	L1 mm	L2 mm	d2 mm	k (h12) mm	TL/Adet
B00102060350	Nr. 6	40	45	12	4	3,0	*
B00102060417	Nr. 8	36	50	12	6	4,9	*
B00102060483	Nr. 10	32	50	12	6	4,9	*
B00102060549	Nr. 12	28	50	14	6	4,9	*
B00102060635	1/4"	28	50	16	6	4,9	1.859,13
B00102060794	5/16"	24	56	22	6	4,9	2.108,53
B00102060952	3/8"	24	63	20	7	5,5	2.416,03
B00102061111	7/16"	20	63	20	8	6,2	3.109,05
B00102061270	1/2"	20	70	22	9	7,0	3.258,31
B00102061429	9/16"	18	70	22	11	9,0	4.613,78
B00102061587	5/8"	18	70	22	12	9,0	4.858,68
B00102061905	3/4"	16	80	22	14	11,0	6.596,95
B00102062222	7/8"	14	80	22	18	14,5	9.115,79
B00102062540	1"	12	90	22	18	14,5	12.191,42
B00102063175	1 1/4"	12	90	22	22	18	*
B00102063810	1 1/2"	12	110	32	32	24	*

■ Siparişlerinize Termin Verilecektir.

■ Siparişlerinize Termin, Min. Adet ve Fiyat Verilecektir.



Whitworth Boru Vidalı 2'li Takım Kılavuzu



Ürün kodu	d1 BSP	P adım G/Inch	L1 mm	L2 mm	d2 mm	k (h12) mm	TL/Adet
B00102300973	G 1/8"	28	63	19	7	5,5	2.747,89
B00102301316	G 1/4"	19	70	21	11	9	3.634,84
B00102301666	G 3/8"	19	70	21	12	9	4.166,51
B00102302095	G 1/2"	14	80	22	16	12	5.598,81
B00102302291	G 5/8"	14	80	22	18	14,5	8.383,66
B00102302644	G 3/4"	14	90	22	20	16	8.725,09
B00102303020	G 7/8"	14	90	22	22	18	13.413,89
B00102303325	G 1"	11	100	25	25	20	14.977,17
B00102304191	G 1 1/4"	11	125	31	32	24	27.532,56
B00102304780	G 1 1/2"	11	140	31	36	29	39.633,91
B00102305375	G 1 3/4"	11	140	33	40	32	49.555,43
B00102305961	G 2"	11	160	37	40	35	55.016,40

Siparişlerinize Termin Verilecektir.



Metrik Normal Vidalı Son Kılavuz

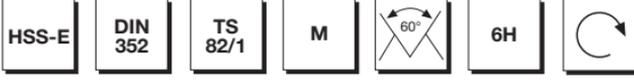


Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	k (h12) mm	TL/Adet
B00104040200	M 2	0.4	36	8	2,8	2,1	823,90
B00104040250	M 2,5	0.45	40	9	2,8	2,1	823,90
B00104040300	M 3	0.5	40	11	3,5	2,7	498,29
B00104040350	M 3,5	0.6	45	12	4,0	3,0	744,04
B00104040400	M 4	0.7	45	13	4,5	3,4	498,29
B00104040500	M 5	0.8	50	16	6,0	4,9	505,01
B00104040600	M 6	1	56	19	6,0	4,9	532,71
B00104040700	M 7	1	56	19	6,0	4,9	733,43
B00104040800	M 8	1.25	63	22	6,0	4,9	588,80
B00104040900	M 9	1.25	63	22	7,0	5,5	1.019,78
B00104041000	M 10	1.5	70	24	7,0	5,5	795,78
B00104041200	M 12	1.75	75	29	9,0	7,0	1.065,55
B00104041400	M 14	2	80	30	11,0	9,0	1.263,30
B00104041600	M 16	2	80	32	12,0	9,0	1.522,32
B00104041800	M 18	2.5	95	40	14,0	11,0	2.190,59
B00104042000	M 20	2.5	95	34	16,0	12,0	2.460,25
B00104042200	M 22	2.5	100	34	18,0	14,5	3.277,40
B00104042400	M 24	3	110	38	18,0	14,5	3.871,90
B00104042600	M 26	3	110	38	20,0	16,0	*
B00104042700	M 27	3	110	38	20,0	16,0	*
B00104042800	M28	3	110	38	20,0	16,0	*
B00104043000	M 30	3.5	125	45	22,0	18,0	7.976,73
B00104043300	M 33	3.5	125	50	25,0	20,0	9.978,55
B00104043600	M 36	4	150	56	28,0	22,0	11.589,42
B00104043900	M39	4	150	60	32,0	24,0	*
B00104044200	M42	4.5	150	60	32,0	24,0	*
B00104044500	M45	4.5	160	65	36,0	29,0	*
B00104044800	M48	5	180	70	36,0	29,0	*
B00104045200	M52	5	180	70	40,0	32,0	*
B00104045600	M56	5.5	200	70	40,0	35,0	*

■ Siparişlerinize Termin Verilecektir.

■ Siparişlerinize Termin, Min. Adet ve Fiyat Verilecektir.

Metrik Normal Vidalı Son Kılavuz



Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	k (h12) mm	TL/Adet
B00109160300	M 3	0,5	40	11	3,5	2,7	<b>588,53</b>
B00109160400	M 4	0,7	45	13	4,5	3,4	<b>588,53</b>
B00109160500	M 5	0,8	50	16	6,0	4,9	<b>597,02</b>
B00109160600	M 6	1	56	19	6,0	4,9	<b>630,79</b>
B00109160800	M 8	1,25	63	22	6,0	4,9	<b>696,43</b>
B00109161000	M 10	1,5	70	24	7,0	5,5	<b>946,18</b>
B00109161200	M 12	1,75	75	28	9,0	7,0	<b>1.282,55</b>
B00109161400	M 14	2	80	30	11,0	9,0	<b>1.515,16</b>
B00109161600	M 16	2	80	32	12,0	9,0	<b>1.828,46</b>
B00109162000	M 20	2,5	95	34	16,0	12,0	<b>2.953,52</b>
B00109162400	M 24	3	110	38	18,0	14,5	*
B00109162700	M27	3	110	38	20,0	16,0	*
B00109163000	M 30	3.5	125	45	22,0	18,0	*

 Siparişlerinize Termin Verilecektir.

 Siparişlerinize Termin, Min. Adet ve Fiyat Verilecektir.



USA Normal Vidalı Son Kılavuz - UNC



Ürün kodu	d1 UNC	P adım G/Inch	L1 mm	L2 mm	d2 mm	k (h12) mm	TL/Adet
B00104240350	Nr. 6	32	45	13	4	3,0	*
B00104240417	Nr. 8	32	45	13	4,5	3,4	*
B00104240483	Nr. 10	24	50	16	6	4,9	*
B00104240635	1/4"	20	50	19	6	4,9	840,24
B00104240794	5/16"	18	56	22	6	4,9	944,88
B00104240952	3/8"	16	70	24	7	5,5	1.140,86
B00104241111	7/16"	14	70	24	8	6,2	1.379,63
B00104241270	1/2"	13	75	29	9	7,0	1.575,64

■ Siparişlerinize Termin Verilecektir.

■ Siparişlerinize Termin, Min. Adet ve Fiyat Verilecektir.



Metrik İnce Vidalı Son Kılavuz



Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	k (h12) mm	TL/Adet
B00104120302	M3	0,35	40	8	3.5	2,7	*
B00104120403	M 4	0,5	45	10	4.5	3,4	*
B00104120503	M 5	0,5	50	12	6	4,9	*
B00104120604	M6	0,75	56	14	6	4,9	1.189,55
B00104120804	M 8	0,75	56	18	6	4,9	1.461,87
B00104120805	M 8	1	63	22	6	4,9	1.255,78
B00104121005	M 10	1	63	20	7	5,5	1.429,69
B00104121000	M 10	1,25	70	24	7	5,5	1.725,36
B00104121205	M 12	1	70	22	9	7,0	1.668,00
B00104121200	M 12	1,25	70	22	9	7,0	1.963,63
B00104121206	M 12	1,5	70	22	9	7,0	1.546,78
B00104121405	M 14	1	70	22	11	9,0	2.328,03
B00104121400	M 14	1,25	70	22	11	9,0	2.199,55
B00104121406	M 14	1,5	70	22	11	9,0	1.963,63
B00104121605	M 16	1	70	22	12	9,0	2.626,30
B00104121606	M 16	1,5	70	22	12	9,0	2.199,55
B00104121800	M 18	1,25	80	22	14	11,0	*
B00104121806	M 18	1,5	80	22	14	11,0	2.749,37
B00104122005	M 20	1	80	22	16	12,0	*
B00104122006	M 20	1,5	80	22	16	12,0	3.054,14
B00104122008	M 20	2	80	22	16	12,0	3.860,32
B00104122205	M 22	1	80	22	18	14,5	*
B00104122206	M 22	1,5	80	22	18	14,5	4.451,59
B00104122405	M 24	1	90	22	18	14,5	*
B00104122406	M 24	1,5	90	22	18	14,5	5.063,72
B00104123005	M 30	1	90	22	22	18,0	8.065,34
B00104123006	M 30	1,5	90	22	22	18,0	8.019,17
B00104123008	M 30	2	90	22	22	18,0	9.050,34

■ Siparişlerinize Termin Verilecektir.

■ Siparişlerinize Termin, Min. Adet ve Fiyat Verilecektir.



### USA İnce Vidalı Son Kılavuz - UNF



Ürün kodu	d1 UNF	P adım G/Inch	L1 mm	L2 mm	d2 mm	k (h12) mm	TL/Adet
B00104140350	Nr. 6	40	45	12	4,0	3,0	*
B00104140417	Nr. 8	36	50	12	6,0	4,9	*
B00104140483	Nr. 10	32	50	12	6,0	4,9	*
B00104140635	1/4"	28	50	16	6,0	4,9	<b>987,80</b>
B00104140794	5/16"	24	56	22	6,0	4,9	<b>1.118,54</b>
B00104140952	3/8"	24	63	20	7,0	5,5	<b>1.283,36</b>
B00104141111	7/16"	20	63	20	8,0	6,2	<b>1.650,13</b>
B00104141270	1/2"	20	70	22	9,0	7,0	<b>1.725,36</b>
B00104141429	9/16"	18	70	22	11,0	9,0	<b>2.440,00</b>
B00104141587	5/8"	18	70	22	12,0	9,0	<b>2.568,63</b>
B00104141905	3/4"	16	80	22	14,0	11,0	<b>3.487,26</b>
B00104142222	7/8"	14	80	22	18,0	14,5	<b>4.834,42</b>
B00104142540	1"	12	90	22	18,0	14,5	<b>6.461,41</b>

■ Siparişlerinize Termin Verilecektir.

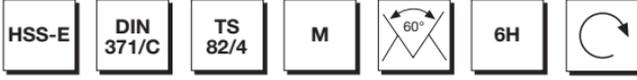
■ Siparişlerinize Termin, Min. Adet ve Fiyat Verilecektir.

### Whitworth Boru Vidalı Son Kılavuz



Ürün kodu	d1 BSP	P adım G/Inch	L1 mm	L2 mm	d2 mm	k (h12) mm	TL/Adet
B00109450973	G 1/8"	28	63	19	7	5,5	<b>1.773,08</b>
B00109451316	G 1/4"	19	70	21	11	9,0	<b>2.342,45</b>
B00109451666	G 3/8"	19	70	21	12	9,0	<b>2.689,90</b>
B00109452095	G 1/2"	14	80	22	16	12,0	<b>3.606,88</b>
B00109452644	G 3/4"	14	90	22	20	16,0	<b>5.622,13</b>
B00109453325	G 1"	11	100	25	25	20,0	<b>9.634,90</b>

Metrik Normal Vidalı Düz Kanallı Makina Kılavuzu



Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	k (h12) mm	TL/Adet
B00105720200	M2	0,4	45	8	2,8	2,1	<b>1.380,95</b>
B00105720250	M 2,5	0,45	50	9	2,8	2,1	<b>1.356,31</b>
B00105720300	M3	0,5	56	10	3,5	2,7	<b>1.023,98</b>
B00105720350	M3,5	0,6	56	12	4,0	3,0	<b>1.165,11</b>
B00105720400	M4	0,7	63	12	4,5	3,4	<b>1.056,08</b>
<b>B00105720450</b>	M4,5	0,75	70	14	6,0	4,9	<b>1.772,69</b>
B00105720500	M5	0,8	70	14	6,0	4,9	<b>1.056,08</b>
B00105720600	M6	1	80	16	6,0	4,9	<b>1.142,36</b>
B00105720700	M7	1	80	16	7,0	5,5	<b>1.499,50</b>
B00105720800	M8	1,25	90	18	8,0	6,2	<b>1.288,53</b>
<b>B00105720900</b>	M9	1,25	90	18	9,0	7,0	<b>1.826,85</b>
B00105721000	M10	1,5	100	20	10,0	8,0	<b>1.522,79</b>
B00105721200	M12	1,75	110	24	12,0	9,0	<b>1.841,26</b>

Siparişlerinize Termin Verilecektir.



### Metrik Normal Vidalı Eğik Ağız Bilemeli Makina Kılavuzu



Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	k (h12) mm	TL/Adet
B00105710250	M2,5	0,45	50	9	2,8	2,1	1.469,02
B00105710300	M3	0,5	56	10	3,5	2,7	1.102,74
B00105710400	M4	0,7	63	12	4,5	3,4	1.140,73
B00105710500	M5	0,8	70	14	6,0	4,9	1.140,73
B00105710600	M6	1	80	16	6,0	4,9	1.232,02
B00105710800	M8	1,25	90	18	8,0	6,2	1.393,28
B00105711000	M10	1,5	100	20	10,0	8,0	1.643,17
B00105711200	M12	1,75	110	24	12,0	9,0	1.985,82

Siparişlerinize Termin Verilecektir.

### Metrik Normal Vidalı Helis Kanallı Makina Kılavuzu



Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	k (h12) mm	TL/Adet
B00105790607	M2	0,4	45	8	2,8	2,1	1.654,49
B00105790608	M2,5	0,45	50	9	2,8	2,1	1.629,52
B00105790133	M3	0,5	56	6	3,5	2,7	1.226,63
B00105790134	M4	0,7	63	7	4,5	3,4	1.265,28
B00105790135	M5	0,8	70	8	6,0	4,9	1.265,28
B00105790136	M6	1	80	10	6,0	4,9	1.369,82
B00105790142	M7	1	80	10	7,0	5,5	1.800,41
B00105790137	M8	1,25	90	12	8,0	6,2	1.547,37
B00105790138	M10	1,5	100	14	10,0	8,0	1.823,07
B00105790139	M12	1,75	110	16	12,0	9,0	2.202,93

Siparişlerinize Termin Verilecektir.



Metrik Normal Vidalı Düz Kanallı Makina Kılavuzu



Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	k (h12) mm	TL/Adet
B00105780300	M3	0,5	56	10	2,2	-	<b>1.140,73</b>
B00105780350	M3,5	0,6	56	11	2,5	2,1	*
B00105780400	M4	0,7	63	12	2,8	2,1	<b>1.140,73</b>
B00105780450	M4,5	0,75	70	14	3,5	2,7	*
B00105780500	M5	0,8	70	14	3,5	2,7	<b>1.153,99</b>
B00105780600	M6	1	80	16	4,5	3,4	<b>1.153,99</b>
B00105780700	M7	1	80	16	5,5	4,3	*
B00105780800	M8	1,25	90	18	6,0	4,9	<b>1.381,85</b>
B00105780900	M9	1,25	90	18	7,0	5,5	*
B00105781000	M10	1,5	100	20	7,0	5,5	<b>1.594,11</b>
B00105781100	M11	1,5	100	20	8,0	6,2	*
B00105781200	M12	1,75	110	24	9,0	7,0	<b>1.964,94</b>
B00105781400	M14	2	110	26	11,0	9,0	<b>2.700,98</b>
B00105781600	M16	2	110	28	12,0	9,0	<b>3.058,43</b>
B00105781800	M18	2,5	125	30	14,0	11,0	<b>4.447,33</b>
B00105782000	M20	2,5	140	32	16,0	12,0	<b>4.583,38</b>
B00105782200	M22	2,5	140	32	18,0	14,5	<b>6.551,17</b>
B00105782400	M24	3	160	34	18,0	14,5	<b>6.259,98</b>
B00105782700	M27	3	160	38	20,0	16,0	<b>8.294,50</b>
B00105782800	M28	3	160	38	20,0	16,0	*
B00105783000	M30	3,5	180	45	22,0	18,0	<b>10.060,82</b>
B00105783300	M33	3,5	180	50	25,0	20,0	<b>13.570,78</b>
B00105783600	M36	4	200	56	28,0	22,0	<b>16.678,06</b>
B00105783900	M39	4	200	60	32,0	24,0	*
B00105784200	M42	4,5	200	60	32,0	24,0	*

■ Siparişlerinize Termin Verilecektir.

■ Siparişlerinize Termin, Min. Adet ve Fiyat Verilecektir.



Metrik Normal Vidalı Eğik Ağız Bilemeli Makina Kılavuzu



Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	k (h12) mm	TL/Adet
B00105770300	M3	0,5	56	10	2,2	-	1.232,10
B00105770400	M4	0,7	63	12	2,8	2,1	1.232,10
B00105770500	M5	0,8	70	14	3,5	2,7	1.244,86
B00105770600	M6	1	80	16	4,5	3,4	1.244,86
B00105770800	M8	1,25	90	18	6,0	4,9	1.493,54
B00105771000	M10	1,5	100	20	7,0	5,5	1.719,41
B00105771200	M12	1,75	110	24	9,0	7,0	2.123,55
B00105771400	M14	2	110	26	11,0	9,0	2.915,92
B00105771600	M16	2	110	28	12,0	9,0	3.306,96
B00105771800	M18	2,5	125	30	14,0	11,0	4.808,93
B00105772000	M20	2,5	140	32	16,0	12,0	4.962,31
B00105772200	M22	2,5	140	32	18,0	14,5	7.070,43
B00105772400	M24	3	160	34	18,0	14,5	6.785,05
B00105772700	M27	3	160	38	20,0	16,0	8.958,77
B00105773000	M30	3,5	180	45	22,0	18,0	10.891,23

Metrik Normal Vidalı Helis Kanallı Makina Kılavuzu



Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	k (h12) mm	TL/Adet
B00105790249	M3	0,5	56	6	2,2	-	1.363,80
B00105790251	M4	0,7	63	7	2,8	2,1	1.363,80
B00105790252	M5	0,8	70	8	3,5	2,7	1.383,83
B00105790253	M6	1	80	10	4,5	3,4	1.383,83
B00105790255	M8	1,25	90	12	6,0	4,9	1.656,84
B00105790257	M10	1,5	100	14	7,0	5,5	1.907,23
B00105790259	M12	1,75	110	16	9,0	7,0	2.354,72
B00105790260	M14	2	110	18	11,0	9,0	3.237,38
B00105790261	M16	2	110	20	12,0	9,0	3.673,02
B00105790262	M18	2,5	125	22	14,0	11,0	5.343,62
B00105790263	M20	2,5	140	22	16,0	12,0	5.499,54
B00105790264	M22	2,5	140	24	18,0	14,5	7.869,67
B00105790265	M24	3	160	28	18,0	14,5	7.534,58
B00105790407	M27	3	160	30	20,0	16,0	9.948,60
B00105790267	M30	3,5	180	35	22,0	18,0	12.072,43
B00105790402	M33	3,5	180	35	25,0	20,0	16.284,52
B00105790268	M36	4	200	44	28,0	22,0	20.031,53

Siparişlerinize Termin Verilecektir.



## Metrik İnce Vidalı Düz Kanallı Makina Kılavuzu



Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	k (h12) mm	TL/Adet
B00105750403	M4	0,5	63	10	2,8	2,1	*
B00105750503	M5	0,5	70	12	3,5	2,7	*
B00105750603	M6	0,5	80	14	4,5	3,4	*
B00105750604	M6	0,75	80	14	4,5	3,4	1.930,83
B00105750704	M7	0,75	80	14	5,5	4,3	*
B00105750804	M8	0,75	90	22	6,0	4,9	*
B00105750805	M8	1	90	22	6,0	4,9	2.062,34
B00105750905	M9	1	90	22	7,0	5,5	*
B00105751000	M10	1,25	90	20	7,0	5,5	2.340,09
B00105751004	M10	0,75	90	20	7,0	5,5	*
B00105751005	M10	1	90	20	7,0	5,5	2.103,78
B00105751200	M12	1,25	100	22	9,0	7,0	2.391,08
B00105751204	M12	0,75	100	22	9,0	7,0	*
B00105751205	M12	1	100	22	9,0	7,0	2.240,28
B00105751206	M12	1,5	100	22	9,0	7,0	2.240,28
B00105751400	M14	1,25	100	22	11,0	9,0	2.886,16
B00105751405	M14	1	100	22	11,0	9,0	2.886,16
B00105751406	M14	1,5	100	22	11,0	9,0	2.719,92
B00105751605	M16	1	100	22	12,0	9,0	3.203,64
B00105751606	M16	1,5	100	22	12,0	9,0	3.025,23
B00105751805	M18	1	110	25	14,0	11,0	4.133,82
B00105751806	M18	1,5	110	25	14,0	11,0	3.624,12
B00105751808	M18	2	125	34	14,0	11,0	4.087,38
B00105752005	M20	1	125	25	16,0	12,0	4.791,03
B00105752006	M20	1,5	125	25	16,0	12,0	4.603,39
B00105752008	M20	2	140	34	16,0	12,0	6.202,68
B00105752205	M22	1	125	25	18,0	14,5	7.012,79
B00105752206	M22	1,5	125	25	18,0	14,5	5.022,40
B00105752208	M22	2	140	34	18,0	14,5	6.943,32
B00105752405	M24	1	140	28	18,0	14,5	7.498,67
B00105752406	M24	1,5	140	28	18,0	14,5	5.415,85
B00105752408	M24	2	140	28	18,0	14,5	6.411,00
B00105752605	M26	1	140	28	18,0	14,5	7.221,18
B00105752606	M26	1,5	140	28	18,0	14,5	7.082,38
B00105752608	M26	2	140	28	18,0	14,5	7.790,42
B00105752706	M27	1,5	140	28	20,0	16,0	8.609,80
B00105752708	M27	2	140	28	20,0	16,0	8.864,72
B00105752806	M28	1,5	140	28	20,0	16,0	8.771,55
B00105752808	M28	2	140	28	20,0	16,0	9.210,74
B00105753006	M30	1,5	150	28	22,0	18,0	9.142,32
B00105753008	M30	2	150	28	22,0	18,0	10.114,25
B00105753206	M32	1,5	150	28	22,0	18,0	10.993,61
B00105753208	M32	2	150	28	22,0	18,0	12.058,78
B00105753306	M33	1,5	160	30	25,0	20,0	12.637,16
B00105753308	M33	2	160	30	25,0	20,0	14.280,39
B00105753606	M36	1,5	170	30	28,0	22,0	15.673,65
B00105753608	M36	2	170	30	28,0	22,0	15.529,96

Siparişlerinize Termin Verilecektir.

Devamı sayfa 89'dedir

■ Siparişlerinize Termin, Min. Adet ve Fiyat Verilecektir.



Metrik İnce Vidalı Düz Kanallı Makina Kılavuzu



Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	k (h12) mm	TL/Adet
B00105753609	M36	3	200	36	28	22	*
B00105753806	M38	1,5	170	30	28	22	*
B00105754006	M40	1,5	170	30	32	24	*
B00105754008	M40	2	170	30	32	24	*
B00105754206	M42	1,5	170	30	32	24	*
B00105754208	M42	2	170	30	32	24	*
B00105754506	M45	1,5	180	32	36	29	*
B00105754508	M45	2	180	32	36	29	*



Metrik İnce Vidalı Eğik Ağız Bilemeli Makina Kılavuzu



Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	k (h12) mm	TL/Adet
B00105740603	M6	0,5	80	14	4,5	3,4	2.027,83
B00105740604	M6	0,75	80	14	4,5	3,4	2.089,40
B00105740804	M8	0,75	90	22	6,0	4,9	2.310,06
B00105740805	M8	1	90	22	6,0	4,9	2.225,76
B00105741005	M10	1	90	20	7,0	5,5	2.273,10
B00105741000	M10	1,25	100	20	7,0	5,5	2.528,36
B00105741205	M12	1	100	22	9,0	7,0	2.419,37
B00105741200	M12	1,25	100	22	9,0	7,0	2.582,69
B00105741206	M12	1,5	100	22	9,0	7,0	2.419,37
B00105741405	M14	1	100	22	11,0	9,0	3.119,38
B00105741400	M14	1,25	100	22	11,0	9,0	3.119,38
B00105741406	M14	1,5	100	22	11,0	9,0	2.937,41
B00105741605	M16	1	100	22	12,0	9,0	3.460,40
B00105741606	M16	1,5	100	22	12,0	9,0	3.267,32
B00105741805	M18	1	110	25	14,0	11,0	4.469,26
B00105741806	M18	1,5	110	25	14,0	11,0	3.917,49
B00105742005	M20	1	125	25	16,0	12,0	5.183,70
B00105742006	M20	1,5	125	25	16,0	12,0	4.979,12
B00105742206	M22	1,5	125	25	18,0	14,5	5.433,88
B00105742406	M24	1,5	140	28	18,0	14,5	5.842,76
B00105742706	M27	1,5	140	28	20,0	16,0	8.457,86
B00105742806	M28	1,5	140	28	20,0	16,0	9.480,38
B00105743206	M32	1,5	150	28	22,0	18,0	11.867,90

■ Siparişlerinize Termin Verilecektir.



## Metrik İnce Vidalı Helis Kanallı Makina Kılavuzu



Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	k (h12) mm	TL/Adet
B00105790565	M6	0,75	80	8	4,5	3,4	<b>2.319,33</b>
B00105790682	M8	0,75	80	10	6,0	4,9	<b>2.703,73</b>
B00105790490	M8	1	90	10	6,0	4,9	<b>2.467,03</b>
B00105790764	M9	1	90	10	7,0	5,5	*
B00105790336	M10	1	90	12	7,0	5,5	<b>2.525,52</b>
B00105790390	M10	1,25	100	12	7,0	5,5	<b>2.805,31</b>
B00105790391	M12	1	100	14	9,0	7,0	<b>2.687,45</b>
B00105790392	M12	1,25	100	14	9,0	7,0	<b>2.867,85</b>
B00105790006	M12	1,5	100	14	9,0	7,0	<b>2.687,45</b>
B00105790393	M14	1	100	16	11,0	9,0	<b>3.469,56</b>
B00105790394	M14	1,25	100	16	11,0	9,0	<b>3.469,56</b>
B00105790292	M14	1,5	100	16	11,0	9,0	<b>3.263,38</b>
B00105790680	M16	1	100	18	12,0	9,0	*
B00105790712	M16	1,25	100	18	12,0	9,0	*
B00105790338	M16	1,5	100	18	12,0	9,0	<b>3.631,67</b>
B00105790676	M18	1	110	20	14,0	11,0	*
B00105790287	M18	1,5	110	20	14,0	11,0	<b>4.351,42</b>
B00105790612	M18	2	125	20	14,0	11,0	<b>4.929,89</b>
B00105790591	M20	1	125	22	16,0	12,0	*
B00105790340	M20	1,5	125	22	16,0	12,0	<b>5.532,22</b>
B00105790637	M20	2	140	22	16,0	12,0	*
B00105790679	M22	1	125	25	18,0	14,5	*
B00105790186	M22	1,5	125	25	18,0	14,5	<b>6.017,84</b>
B00105790658	M22	2	140	25	18,0	14,5	*
B00105790551	M24	1,5	140	25	18,0	14,5	<b>6.503,62</b>
B00105790441	M24	2	140	25	18,0	14,5	<b>7.683,39</b>
B00105790721	M26	1,5	140	25	18,0	14,5	*
B00105790683	M27	1,5	140	25	20,0	16,0	*
B00105790692	M27	2	140	25	20,0	16,0	*
B00105790552	M28	1,5	140	25	20,0	16,0	*
B00105790791	M28	2	140	25	20,0	16,0	*
B00105790553	M30	1,5	150	25	22,0	18,0	<b>10.970,55</b>
B00105790759	M30	2	150	25	22,0	18,0	*
B00105790684	M36	1,5	170	30	28,0	22,0	*

■ Siparişlerinize Termin Verilecektir.

■ Siparişlerinize Termin, Min. Adet ve Fiyat Verilecektir.



USA Normal Vidalı Düz Kanallı Makina Kılavuzu - UNC



Ürün kodu	d1 UNC	P adım G/Inch	L1 mm	L2 mm	d2 mm	k (h12) mm	TL/Adet
B00105950635	1/4"	20	80	19	4,5	3,4	1.808,35
B00105950794	5/16"	18	90	22	6,0	4,9	2.057,88
B00105950952	3/8"	16	100	24	7,0	5,5	2.374,69
B00105951111	7/16"	14	100	24	8,0	6,2	2.755,50
B00105951270	1/2"	13	110	29	9,0	7,0	2.984,09
B00105951429	9/16"	12	110	30	11,0	9,0	4.038,44
B00105951587	5/8"	11	110	32	12,0	9,0	4.602,89
B00105951905	3/4"	10	125	34	14,0	11,0	6.835,46
B00105952222	7/8"	9	140	34	18,0	14,5	8.825,24
B00105952540	1"	8	160	38	20	16	11.558,82

Siparişlerinize Termin Verilecektir.



USA Normal Vidalı Helis Kanallı Makina Kılavuzu - UNC



Ürün kodu	d1 UNC	P adım G/Inch	L1 mm	L2 mm	d2 mm	k (h12) mm	TL/Adet
B00105990037	1/4"	20	80	12	4,5	3,4	2.172,34
B00105990009	5/16"	18	90	14	6,0	4,9	2.472,92
B00105990008	3/8"	16	100	16	7,0	5,5	2.848,41
B00105990003	7/16"	14	100	16	8,0	6,2	3.307,99
B00105990006	1/2"	13	110	20	9,0	7,0	3.576,18
B00105990021	9/16"	12	110	22	11,0	9,0	4.852,25
B00105990022	5/8"	11	110	22	12,0	9,0	5.529,23
B00105990031	3/4"	10	125	28	14,0	11,0	8.211,68
B00105990065	7/8"	9	140	28	18,0	14,5	12.989,84
B00105990066	1"	8	160	32	20	16	13.871,44

Siparişlerinize Termin Verilecektir.

USA İnce Vidalı Düz Kanallı Makina Kılavuzu - UNF



Ürün kodu	d1 UNF	P adım G/Inch	L1 mm	L2 mm	d2 mm	k (h12) mm	TL/Adet
B00105980635	1/4"	28	80	19	4,5	3,4	2.067,27
B00105980794	5/16"	24	90	22	6,0	4,9	2.351,58
B00105980952	3/8"	24	100	24	7,0	5,5	2.706,25
B00105981111	7/16"	20	100	24	8,0	6,2	3.151,69
B00105981270	1/2"	20	110	29	9,0	7,0	3.408,65
B00105981429	9/16"	18	110	30	11,0	9,0	4.992,45
B00105981587	5/8"	18	110	32	12,0	9,0	5.668,87
B00105981905	3/4"	16	125	34	14,0	11,0	8.398,48
B00105982222	7/8"	14	140	34	18,0	14,5	10.847,69
B00105982540	1"	12	160	38	20	16	14.230,20

Siparişlerinize Termin Verilecektir.



### USA İnce Vidalı Helis Kanallı Makina Kılavuzu - UNF



Ürün kodu	d1 UNF	P adım G/Inch	L1 mm	L2 mm	d2 mm	k (h12) mm	TL/Adet
B00105990014	1/4"	28	80	12	4,5	3,4	2.477,62
B00105990038	5/16"	24	90	14	6,0	4,9	2.824,98
B00105990015	3/8"	24	100	16	7,0	5,5	3.249,78
B00105990023	7/16"	20	100	16	8,0	6,2	3.779,31
B00105990024	1/2"	20	110	20	9,0	7,0	4.089,40
B00105990025	9/16"	18	110	22	11,0	9,0	5.972,09
B00105990026	5/8"	18	110	22	12,0	9,0	6.811,80
B00105990032	3/4"	16	125	22	14,0	11,0	10.077,83
B00105990051	7/8"	14	140	28	18,0	14,5	12.989,84
B00105990078	1"	12	160	32	20	16	17.076,63

Siparişlerinize Termin Verilecektir.

### Whitworth Vidalı Düz Kanallı Makina Kılavuzu



Ürün kodu	d1 BSW	P adım G/Inch	L1 mm	L2 mm	d2 mm	k (h12) mm	TL/Adet
B00105920317	W 1/8"	40	56	11	2,2		1.908,34
B00105920397	W 5/32"	32	63	13	2,8	2.1	1.908,34
B00105920476	W 3/16"	24	70	16	3,5	2.7	2.120,64
B00105920556	W 7/32"	24	70	16	3,5	2.7	2.120,64
B00105920635	W 1/4"	20	80	19	4,5	3.4	1.917,48
B00105920794	W 5/16"	18	90	22	6	4.9	2.182,00
B00105920952	W 3/8"	16	100	24	7	5.5	2.519,75
B00105921111	W 7/16"	14	100	24	8	6.2	2.921,05
B00105921270	W 1/2"	12	110	29	9	7	3.163,35
B00105921429	W 9/16"	12	110	30	11	9	4.278,51
B00105921587	W 5/8"	11	110	32	12	9	4.876,05
B00105921905	W 3/4"	10	125	34	14	11	7.255,10
B00105922222	W 7/8"	9	140	34	18	14.5	9.355,10
B00105922540	W 1"	8	160	38	20	16	12.270,90

Siparişlerinize Termin Verilecektir.



### Whitworth Boru Vidalı Düz Kanallı Makina Kılavuzu



Ürün kodu	d1 BSP	P adım G/Inch	L1 mm	L2 mm	d2 mm	k (h12) mm	TL/Adet
B00109580973	G 1/8"	28	90	20	7,0	5,5	<b>2.057,88</b>
B00109581316	G 1/4"	19	100	22	11,0	9,0	<b>2.620,04</b>
B00109581666	G 3/8"	19	100	22	12,0	9,0	<b>3.317,31</b>
B00109582095	G 1/2"	14	125	25	16,0	12,0	<b>4.898,88</b>
B00109582644	G 3/4"	14	140	28	20,0	16,0	<b>7.512,20</b>
B00109583325	G 1"	11	160	30	25,0	20,0	<b>11.524,58</b>

### Whitworth Boru Vidalı Eğik Ağız Bilemeli Makina Kılavuzu



Ürün kodu	d1 BSP	P adım G/Inch	L1 mm	L2 mm	d2 mm	k (h12) mm	TL/Adet
B00109570973	G 1/8"	28	90	20	7,0	5,5	<b>2.269,86</b>
B00109571316	G 1/4"	19	100	22	11,0	9,0	<b>2.883,63</b>
B00109571666	G 3/8"	19	100	22	12,0	9,0	<b>3.646,75</b>
B00109572095	G 1/2"	14	125	25	16,0	12,0	<b>5.389,01</b>
B00109572644	G 3/4"	14	140	28	20,0	16,0	<b>8.258,52</b>

Siparişlerinize Termin Verilecektir.



Whitworth Boru Vidalı Helis Kanallı  
Makina Kılavuzu



Ürün kodu	d1 BSP	P adım G/Inch	L1 mm	L2 mm	d2 mm	k (h12) mm	TL/Adet
B00109420074	G 1/8"	28	90	12	7,0	5,5	<b>2.475,29</b>
B00109420053	G 1/4"	19	100	16	11,0	9,0	<b>3.142,61</b>
B00109420054	G 3/8"	19	100	18	12,0	9,0	<b>3.979,59</b>
B00109420061	G 1/2"	14	125	22	16,0	12,0	<b>5.879,23</b>
B00109420055	G 3/4"	14	140	23	20,0	16,0	<b>9.028,34</b>
B00109420058	G 1"	11	160	28	25,0	20,0	<b>13.810,54</b>

■ Siparişlerinize Termin Verilecektir.



1/16 - NPT Konik Boru Kılavuzu



Ürün kodu	d1 NPT	P adım G/Inch	L1 mm	L2 mm	d2 mm	k (h12) mm	TL/Adet
B00104400794	1/16"	27	54	18	6	4,9	*
B00104401029	1/8"	27	54	19	7	5,5	3.521,78
B00104401372	1/4"	18	62	27	11	9,0	4.514,11
B00104401714	3/8"	18	65	27	12	9,0	5.292,66
B00104402134	1/2"	14	80	35	16	12,0	7.606,71
B00104402667	3/4"	14	83	35	20	16,0	9.967,09
B00104403340	1"	11 1/2	95	45	25	20,0	*
B00104404826	1" 1/2	11 1/2	108	45	36	29,0	*

■ Siparişlerinize Termin, Min. Adet ve Fiyat Verilecektir.

■ Siparişlerinize Termin Verilecektir.



Yeni Nesil Somun Kılavuzu Metrik Normal Vidalı



Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	k (h12) mm	TL/Adet
B10106600300	M 3	0.5	60	13	2.2	-	<b>1.219,55</b>
B10106600400	M 4	0.7	73	18	2.8	2.1	<b>1.219,55</b>
B10106600500	M 5	0.8	80	21	3.5	2.7	<b>1.219,55</b>
B10106600600	M 6	1	85	26	4.5	3.4	<b>1.255,33</b>
B10106600800	M 8	1.25	95	32	6	4.9	<b>1.471,46</b>
B10106601000	M 10	1.5	110	39	8	5.5	<b>1.859,13</b>
B10106601200	M 12	1.75	120	46	9	7	<b>2.542,02</b>
B10106601400	M 14	2	135	52	11	9	<b>3.669,75</b>
B10106601600	M 16	2	145	52	12	9	<b>3.940,56</b>
B10106601800	M 18	2.5	155	65	14	11	<b>5.509,32</b>
B10106602000	M 20	2.5	155	65	16	12	<b>5.964,46</b>
B10106602200	M 22	2.5	165	65	18	14.5	<b>7.138,03</b>
B10106602400	M 24	3	185	78	18	14.5	<b>8.482,77</b>

**Yeni Nesil Somun Kılavuzu Metrik İnce Vidalı**



Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	k (h12) mm	TL/Adet
B10106610805	M 8	1	95	26	6	4.9	<b>1.680,38</b>
B10106611005	M 10	1	110	26	8	6.2	<b>2.122,51</b>
B10106611000	M 10	1.25	110	32.5	8	6.2	<b>2.361,93</b>
B10106611205	M 12	1	120	26	9	7	<b>3.286,27</b>
B10106611200	M 12	1.25	120	32.5	9	7	<b>3.286,27</b>
B10106611206	M 12	1.5	120	39	9	7	<b>3.037,46</b>
B10106611405	M 14	1	135	26	11	9	<b>4.028,43</b>
B10106611406	M 14	1.5	135	39	11	9	<b>3.695,69</b>
B10106611605	M 16	1	145	26	12	9	<b>4.514,48</b>
B10106611606	M 16	1.5	145	39	12	9	<b>4.142,09</b>
B10106611806	M 18	1.5	155	39	14	11	<b>5.054,63</b>
B10106611808	M 18	2	155	52	14	11	<b>5.509,42</b>
B10106612006	M 20	1.5	155	39	16	12	<b>5.629,31</b>
B10106612008	M 20	2	155	52	16	12	<b>6.135,78</b>
B10106612206	M 22	1.5	165	39	18	14.5	<b>6.874,93</b>
B10106612208	M 22	2	165	52	18	14.5	<b>7.493,87</b>
B10106612406	M 24	1.5	185	39	18	14.5	<b>7.545,40</b>
B10106612408	M 24	2	185	52	18	14.5	<b>8.217,13</b>



Yeni Nesil Somun Kılavuzu UNC



Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	k (h12) mm	TL/Adet
B10106640317	Nr: 5	40	70	16	2.2	-	*
B10106640350	Nr: 6	32	75	20	2.5	2.1	*
B10106640417	Nr: 8	32	75	20	2.8	2.1	*
B10106640438	Nr: 10	24	85	27	3.5	2.7	*
B10106640549	Nr: 12	24	85	27	3.5	2.7	*
B10106640635	1/4"	20	90	32	4.5	3.4	*
B10106640794	5/16"	18	95	36	6	4.9	*
B10106640952	3/8"	16	105	40	7	5.5	*
B10106641111	7/16"	14	120	46	9	7	*
B10106641270	1/2"	13	120	50	9	7	*
B10106641429	9/16"	12	135	54	11	9	*
B10106641587	5/8"	11	145	59	12	9	*
B10106641905	3/4"	10	155	65	14	11	*
B10106642222	7/8"	9	155	72	18	14.5	*
B10106642540	1"	8	185	80	20	16	*

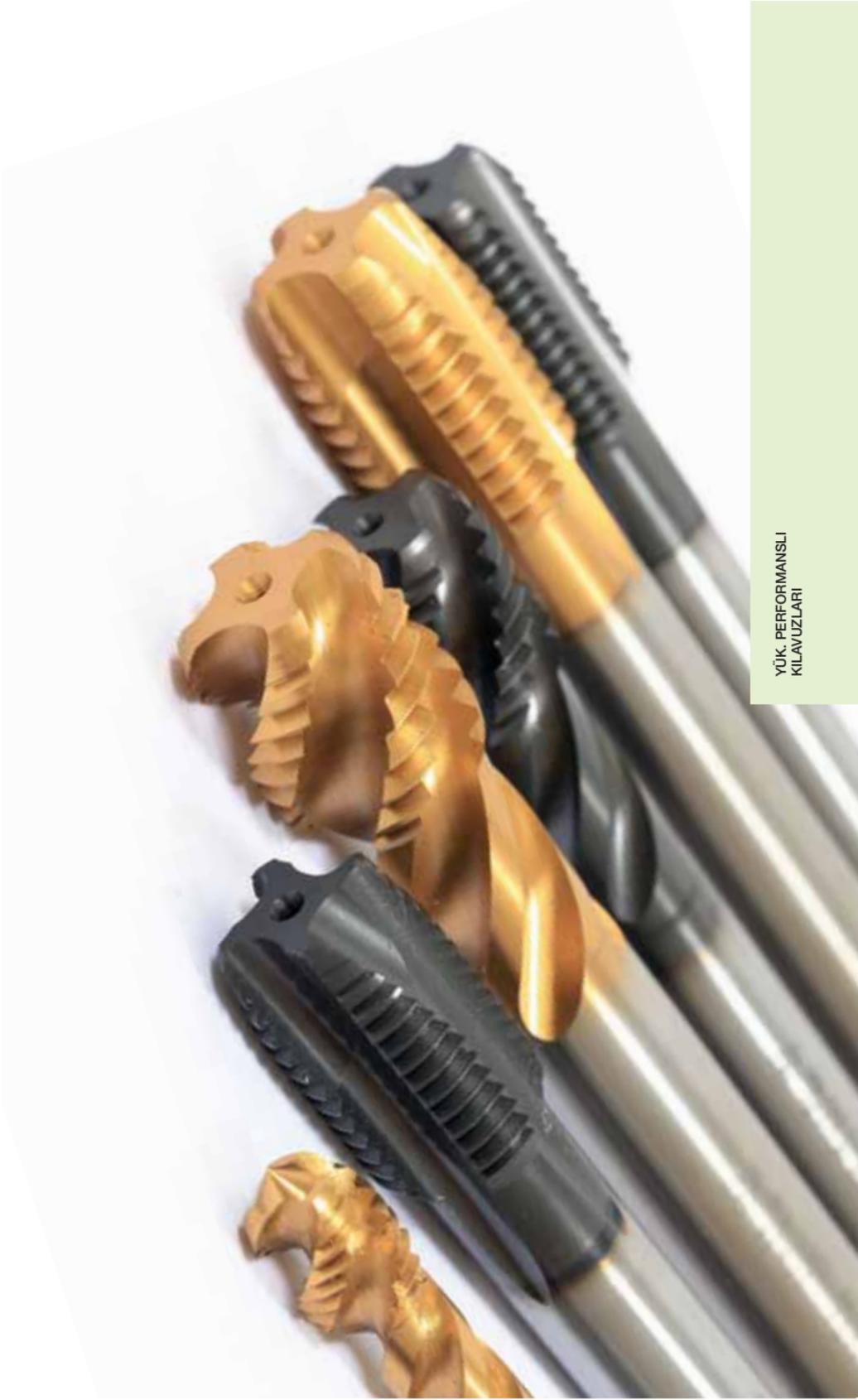


## Yeni Nesil Somun Kılavuzu UNF



Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	k (h12) mm	TL/Adet
B10106650317	Nr: 5	44	70	15	2.2	-	*
B10106650350	Nr: 6	40	75	16	2.5	2.1	*
B10106650417	Nr: 8	36	75	18	2.8	2.1	*
B10106650438	Nr: 10	32	85	20	3.5	2.7	*
B10106650549	Nr: 12	28	85	23	3.5	2.7	*
B10106650635	1/4"	28	85	23	4.5	3.4	*
B10106650794	5/16"	24	95	27	6	4.9	*
B10106650952	3/8"	24	105	27	7	5.5	*
B10106651111	7/16"	20	120	32	9	7	*
B10106651270	1/2"	20	120	32	9	7	*
B10106651429	9/16"	18	135	36	11	9	*
B10106651587	5/8"	18	145	36	12	9	*
B10106651905	3/4"	16	155	40	14	11	*
B10106652222	7/8"	14	155	46	18	14.5	*
B10106652540	1"	12	185	54	20	16	*



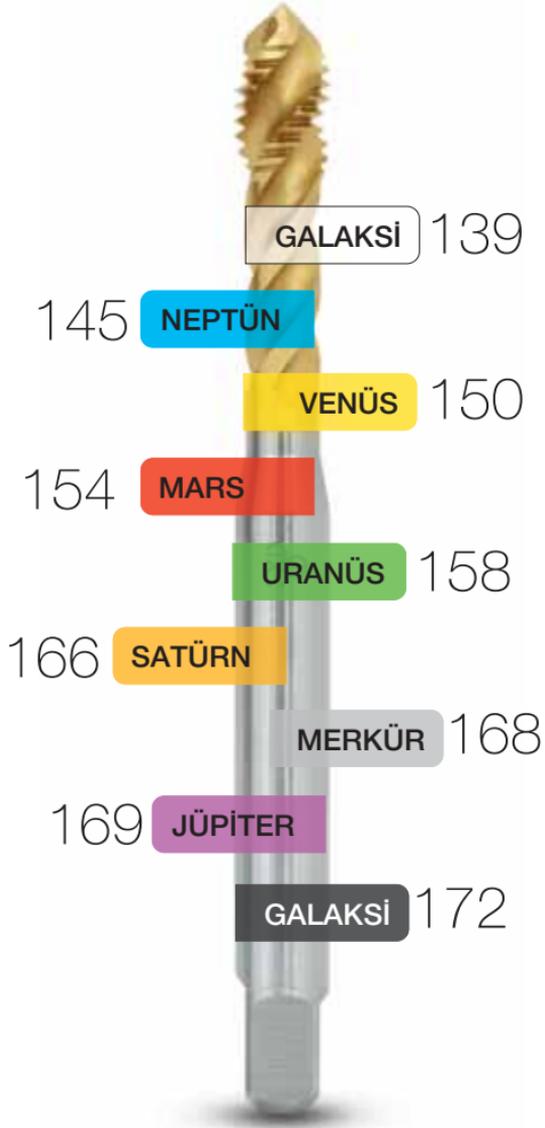


YÜK. PERFORMANSLI  
KILAVUZLARI

YÜKSEK PERFORMANS KILAVUZLARI



MAKINA TAKIM ENDÜSTRİSİ A.Ş.





**GALAKSİ** ÜNİVERSAL - Eğik Ağız Bilemeli  
M



**DIN-371**

Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	a (h12) mm	TL/Adet	
							TIN	STAR
B**800000300	M 3	0.5	56	10	3.5	2.7	1.280,02	1.339,28
B**800000400	M 4	0.7	63	12	4.5	3.4	1.333,31	1.399,93
B**800000500	M 5	0.8	70	14	6	4.9	1.360,82	1.439,01
B**800000600	M 6	1	80	16	6	4.9	1.527,82	1.641,42
B**800000800	M 8	1.25	90	18	8	6.2	1.738,57	1.873,81
B**800001000	M10	1.5	100	20	10	8	2.082,52	2.257,15
B**800001200	M12	1.75	110	24	12	9	2.486,79	2.683,18

**DIN-376**

Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	a (h12) mm	TL/Adet	
							TIN	STAR
B**800021200	M12	1.75	110	24	9	7	2.673,12	2.869,27
B**800021400	M14	2	110	26	11	9	3.682,88	3.957,21
B**800021600	M16	2	110	28	12	9	4.121,54	4.409,38
B**800021800	M18	2.5	125	30	14	11	5.828,92	6.162,13
B**800022000	M20	2.5	140	32	16	12	6.225,48	6.676,59

B\*\* TIN B10 STAR B13



**GALAKSİ** ÜNİVERSAL - 40° Helis Kanallı

**M**



**DIN-371**

TL/Adet

Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	a (h12) mm	TIN	STAR
B**800010300	M 3	0.5	56	6	3.5	2.7	1.387,51	1.446,51
B**800010400	M 4	0.7	63	7	4.5	3.4	1.442,03	1.508,18
B**800010500	M 5	0.8	70	8	6	4.9	1.469,06	1.547,37
B**800010600	M 6	1	80	10	6	4.9	1.648,65	1.762,10
B**800010800	M 8	1.25	90	12	8	6.2	1.872,62	2.008,48
B**800011000	M10	1.5	100	14	10	8	2.238,91	2.413,30
B**800011200	M12	1.75	110	16	12	9	2.675,23	2.871,48

**DIN-376**

TL/Adet

Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	a (h12) mm	TIN	STAR
B**800031200	M12	1.75	110	16	9	7	2.875,70	3.071,57
B**800031400	M14	2	110	18	11	9	3.965,00	4.239,75
B**800031600	M16	2	110	20	12	9	4.444,15	4.732,88
B**800031800	M18	2.5	125	22	14	11	6.300,37	6.633,60
B**800032000	M20	2.5	140	22	16	12	6.696,99	7.148,35

**B\*\***

**TIN**

B10

**STAR**

B13



**GALAKSİ** ÜNİVERSAL - Eğik Ağız Bilemeli  
MF



**DIN-374**

Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	a (h12) mm	TL/Adet	
							TIN	STAR
B**820040604	M 6	0.75	80	14	3.4	5.2	2.784,81	2.898,44
B**820040804	M 8	0.75	90	22	4.9	7.2	3.095,40	3.230,83
B**820040805	M 8	1	90	22	4.9	7	2.992,60	3.127,67
B**820041005	M10	1	90	22	5.5	9	3.131,51	3.306,13
B**820041000	M10	1.25	90	22	5.5	8.8	3.443,18	3.617,75
B**820041205	M12	1	100	22	7	11	3.352,97	3.549,37
B**820041200	M12	1.25	100	22	7	10.8	3.553,11	3.748,87
B**820041206	M12	1.5	100	22	7	10.5	3.352,97	3.549,37
B**820041406	M14	1.5	100	22	9	12.5	4.145,75	4.420,55
B**820041606	M16	1.5	100	22	9	14.5	4.568,34	4.856,92
B**820041806	M18	1.5	110	25	11	16.5	5.459,64	5.793,26
B**820042006	M20	1.5	125	25	12	18.5	6.989,11	7.440,36

B\*\*

TIN

B10

STAR

B13



MAKINA TAKIM ENDÜSTRİSİ A.Ş.

**GALAKSİ** ÜNİVERSAL - 40° Helis Kanallı  
**MF**



**PM**

**DIN-374**

TL/Adet

Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	a (h12) mm	TIN	STAR
B**820050604	M 6	0.75	80	8	4.5	3.4	3.016,11	3.129,41
B**820050804	M 8	0.75	90	10	6	4.9	3.518,45	3.653,86
B**820050805	M 8	1	90	10	6	4.9	3.234,79	3.370,11
B**820051005	M10	1	90	12	7	5.5	3.384,34	3.559,44
B**820051000	M10	1.25	90	12	7	5.5	3.721,04	3.895,70
B**820051205	M12	1	100	14	9	7	3.622,46	3.775,33
B**820051200	M12	1.25	100	14	9	7	3.839,02	4.035,60
B**820051206	M12	1.5	100	14	9	7	3.622,46	3.818,70
B**820051406	M14	1.5	100	16	11	9	4.473,33	4.748,04
B**820051606	M16	1.5	100	18	12	9	4.935,07	5.223,61
B**820051806	M18	1.5	110	20	14	11	5.896,20	6.229,71
B**820052006	M20	1.5	125	22	16	12	7.545,40	7.996,66

**B\*\***

**TIN**

B10

**STAR**

B13



**NEPTÜN** ÇELİK - Eğik Ağız Bilemeli

M



**DIN-371**

Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	a (h12) mm	TL/Adet	
							TIN	STAR
B**801010300	M 3	0.5	56	10	3.5	2.7	1.338,48	1.397,18
B**801010400	M 4	0.7	63	12	4.5	3.4	1.393,42	1.460,59
B**801010500	M 5	0.8	70	14	6	4.9	1.421,11	1.499,50
B**801010600	M 6	1	80	16	6	4.9	1.592,90	1.706,60
B**801010800	M 8	1.25	90	18	8	6.2	1.811,83	1.947,41
B**801011000	M10	1.5	100	20	10	8	2.168,96	2.343,49
B**801011200	M12	1.75	110	24	12	9	2.590,92	2.787,29

**DIN-376**

Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	a (h12) mm	TL/Adet	
							TIN	STAR
B**801111200	M12	1.75	110	24	9	7	2.787,09	2.983,17
B**801111400	M14	2	110	26	11	9	3.839,02	4.113,85
B**801111600	M16	2	110	28	12	9	4.298,99	4.587,24
B**801111800	M18	2.5	125	30	14	11	6.087,36	6.420,57
B**801112000	M20	2.5	140	32	16	12	6.491,80	6.942,83

B\*\* TIN B10 STAR B13



**NEPTÜN ÇELİK - Eğik Ağız Bilemeli**

**M**



**PM**

**DIN-371**

TL/Adet

Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	a (h12) mm	TIN	STAR
B**821010300	M 3	0.5	56	10	3.5	2.7	1.521,63	1.580,07
B**821010400	M 4	0.7	63	12	4.5	3.4	1.582,83	1.649,19
B**821010500	M 5	0.8	70	14	6	4.9	1.610,68	1.688,50
B**821010600	M 6	1	80	16	6	4.9	1.797,94	1.911,70
B**821010800	M 8	1.25	90	18	8	6.2	2.043,38	2.178,46
B**821011000	M10	1.5	100	20	10	8	2.441,68	2.615,86
B**821011200	M12	1.75	110	24	12	9	2.920,68	3.117,21

**DIN-376**

TL/Adet

Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	a (h12) mm	TIN	STAR
B**821111200	M12	1.75	110	24	9	7	3.145,92	3.342,65
B**821111400	M14	2	110	26	11	9	4.332,37	4.606,41
B**821111600	M16	2	110	28	12	9	4.857,72	5.146,05
B**821111800	M18	2.5	125	30	14	11	6.899,51	7.233,02
B**821112000	M20	2.5	140	32	16	12	7.330,38	7.781,53

**B\*\***

**TIN**

B10

**STAR**

B13



**NEPTÜN** ÇELİK - 45° Helis Kanallı

M



**DIN-371**

Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	a (h12) mm	TL/Adet	
							TIN	STAR
B**801020300	M 3	0.5	56	6	3.5	2.7	1.451,05	1.509,91
B**801020400	M 4	0.7	63	7	4.5	3.4	1.506,88	1.574,06
B**801020500	M 5	0.8	70	8	6	4.9	1.534,48	1.613,27
B**801020600	M 6	1	80	10	6	4.9	1.719,14	1.832,90
B**801020800	M 8	1.25	90	12	8	6.2	1.953,02	2.088,20
B**801021000	M10	1.5	100	14	10	8	2.333,38	2.507,81
B**801021200	M12	1.75	110	16	12	9	2.789,39	2.985,50

**DIN-376**

Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	a (h12) mm	TL/Adet	
							TIN	STAR
B**801121200	M12	1.75	110	16	9	7	2.999,81	3.195,94
B**801121400	M14	2	110	18	11	9	4.135,63	4.410,39
B**801121600	M16	2	110	20	12	9	4.638,20	4.926,40
B**801121800	M18	2.5	125	22	14	11	6.582,31	6.915,53
B**801122000	M20	2.5	140	22	16	12	6.986,41	7.437,49

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**NEPTÜN** ÇELİK - 45° Helis Kanallı

M



**PM**

**DIN-371**

TL/Adet

Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	a (h12) mm	TIN	STAR
B**821020300	M 3	0.5	56	6	3.5	2.7	1.651,62	1.710,31
B**821020400	M 4	0.7	63	7	4.5	3.4	1.713,13	1.779,90
B**821020500	M 5	0.8	70	8	6	4.9	1.740,67	1.819,30
B**821020600	M 6	1	80	10	6	4.9	1.942,47	2.056,56
B**821020800	M 8	1.25	90	12	8	6.2	2.205,27	2.340,46
B**821021000	M10	1.5	100	14	10	8	2.630,36	2.805,17
B**821021200	M12	1.75	110	16	12	9	3.148,58	3.344,73

**DIN-376**

TL/Adet

Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	a (h12) mm	TIN	STAR
B**821121200	M12	1.75	110	16	9	7	3.390,39	3.586,26
B**821121400	M14	2	110	18	11	9	4.673,51	4.947,70
B**821121600	M16	2	110	20	12	9	5.247,54	5.535,84
B**821121800	M18	2.5	125	22	14	11	7.468,96	7.802,59
B**821122000	M20	2.5	140	22	16	12	7.899,75	8.350,75

**B\*\***

**TIN**

B10

**STAR**

B13



**NEPTÜN** ÇELİK - Düz Kanallı

M



**DIN-371**

Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	a (h12) mm	TL/Adet	
							TIN	STAR
B**801000300	M 3	0.5	56	10	3.5	2.7	1.399,76	1.458,64
B**801000400	M 4	0.7	63	12	4.5	3.4	1.456,67	1.523,26
B**801000500	M 5	0.8	70	14	6	4.9	1.484,13	1.562,75
B**801000600	M 6	1	80	16	6	4.9	1.661,06	1.775,09
B**801000800	M 8	1.25	90	18	8	6.2	1.888,87	2.023,99
B**801001000	M10	1.5	100	20	10	8	2.260,07	2.434,26
B**801001200	M12	1.75	110	24	12	9	2.701,54	2.897,24

**DIN-376**

Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	a (h12) mm	TL/Adet	
							TIN	STAR
B**801101200	M12	1.75	110	24	9	7	2.906,92	3.102,83
B**801101400	M14	2	110	26	11	9	4.003,45	4.278,51
B**801101600	M16	2	110	28	12	9	4.485,29	4.773,26
B**801101800	M18	2.5	125	30	14	11	6.357,78	6.691,00
B**801102000	M20	2.5	140	32	16	12	6.771,12	7.222,23

B\*\* TIN B10 STAR B13



**VENÜS** INOX PASLANMAZ- Eğik Ağız Bilemeli

M



**DIN-371**

Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	a (h12) mm	TL/Adet	
							TIN	STAR
B**802000300	M 3	0.5	56	10	3.5	2.7	1.373,39	1.432,36
B**802000400	M 4	0.7	63	12	4.5	3.4	1.429,72	1.496,72
B**802000500	M 5	0.8	70	14	6	4.9	1.457,33	1.535,93
B**802000600	M 6	1	80	16	6	4.9	1.631,89	1.745,78
B**802000800	M 8	1.25	90	18	8	6.2	1.855,90	1.991,05
B**802001000	M10	1.5	100	20	10	8	2.221,09	2.395,48
B**802001200	M12	1.75	110	24	12	9	2.654,53	2.850,45

**DIN-376**

Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	a (h12) mm	TL/Adet	
							TIN	STAR
B**802101200	M12	1.75	110	24	9	7	2.855,62	3.051,50
B**802101400	M14	2	110	26	11	9	3.933,52	4.207,33
B**802101600	M16	2	110	28	12	9	4.405,25	4.693,76
B**802101800	M18	2.5	125	30	14	11	6.241,93	6.575,00
B**802102000	M20	2.5	140	32	16	12	6.651,32	7.102,33

B\*\*

TIN

B10

STAR

B13



**VENÜS** INOX PASLANMAZ - Eğik Ağız Bilemeli

M



**DIN-371**

Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	a (h12) mm	TL/Adet	
							TIN	STAR
B**822000300	M 3	0.5	56	10	3.5	2.7	1.561,88	1.620,66
B**822000400	M 4	0.7	63	12	4.5	3.4	1.624,71	1.691,08
B**822000500	M 5	0.8	70	14	6	4.9	1.651,86	1.730,58
B**822000600	M 6	1	80	16	6	4.9	1.842,77	1.956,16
B**822000800	M 8	1.25	90	18	8	6.2	2.093,96	2.229,20
B**822001000	M10	1.5	100	20	10	8	2.501,52	2.675,79
B**822001200	M12	1.75	110	24	12	9	2.993,09	3.189,24

**DIN-376**

Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	a (h12) mm	TL/Adet	
							TIN	STAR
B**822101200	M12	1.75	110	24	9	7	3.224,68	3.420,93
B**822101400	M14	2	110	26	11	9	4.440,30	4.714,50
B**822101600	M16	2	110	28	12	9	4.980,09	5.268,19
B**822101800	M18	2.5	125	30	14	11	7.077,38	7.410,66
B**822102000	M20	2.5	140	32	16	12	7.513,99	7.964,81

B\*\*

TIN

B10

STAR

B13



**VENÜS** INOX PASLANMAZ 45° Helis Kanallı

M



**DIN-371**

TL/Adet

Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	a (h12) mm	TL/Adet	
							TIN	STAR
B**802010300	M 3	0.5	56	6	3.5	2.7	1.489,32	1.547,71
B**802010400	M 4	0.7	63	7	4.5	3.4	1.546,51	1.613,27
B**802010500	M 5	0.8	70	8	6	4.9	1.574,06	1.652,17
B**802010600	M 6	1	80	10	6	4.9	1.761,88	1.875,66
B**802010800	M 8	1.25	90	12	8	6.2	2.001,17	2.136,10
B**802011000	M10	1.5	100	14	10	8	2.389,28	2.564,07
B**802011200	M12	1.75	110	16	12	9	2.857,58	3.053,56

**DIN-376**

TL/Adet

Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	a (h12) mm	TL/Adet	
							TIN	STAR
B**802111200	M12	1.75	110	16	9	7	3.073,94	3.269,80
B**802111400	M14	2	110	18	11	9	4.238,30	4.512,36
B**802111600	M16	2	110	20	12	9	4.753,82	5.042,12
B**802111800	M18	2.5	125	22	14	11	6.750,84	7.084,57
B**802112000	M20	2.5	140	22	16	12	7.160,32	7.611,59

B\*\*

TIN

B10

STAR

B13



**VENÜS** INOX PASLANMAZ - 45° Helis Kanallı

M



**PM**

**DIN-371**

TL/Adet

Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	a (h12) mm	TIN	STAR
B**822010300	M 3	0.5	56	6	3.5	2.7	<b>1.694,99</b>	<b>1.753,85</b>
B**822010400	M 4	0.7	63	7	4.5	3.4	<b>1.758,86</b>	<b>1.825,77</b>
B**822010500	M 5	0.8	70	8	6	4.9	<b>1.786,34</b>	<b>1.864,68</b>
B**822010600	M 6	1	80	10	6	4.9	<b>1.991,50</b>	<b>2.105,20</b>
B**822010800	M 8	1.25	90	12	8	6.2	<b>2.260,65</b>	<b>2.395,91</b>
B**822011000	M10	1.5	100	14	10	8	<b>2.695,60</b>	<b>2.869,81</b>
B**822011200	M12	1.75	110	16	12	9	<b>3.227,26</b>	<b>3.422,80</b>

**DIN-376**

TL/Adet

Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	a (h12) mm	TIN	STAR
B**822111200	M12	1.75	110	16	9	7	<b>3.476,12</b>	<b>3.672,30</b>
B**822111400	M14	2	110	18	11	9	<b>4.790,82</b>	<b>5.065,63</b>
B**822111600	M16	2	110	20	12	9	<b>5.381,01</b>	<b>5.669,43</b>
B**822111800	M18	2.5	125	22	14	11	<b>7.663,21</b>	<b>7.996,66</b>
B**822112000	M20	2.5	140	22	16	12	<b>8.099,80</b>	<b>8.550,96</b>

B\*\*

TIN

B10

STAR

B13



**MARS** DÖKÜM - Düz Kanallı

M



**DIN-371**

Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	<sup>a</sup> (h12) mm	Matkap Çapı	TL/Adet
B13802500300	M 3	0.5	56	10	3.5	2.7	2.5	<b>1.455,20</b>
B13802500400	M 4	0.7	63	12	4.5	3.4	3.3	<b>1.520,57</b>
B13802500500	M 5	0.8	70	14	6	4.9	4.2	<b>1.559,69</b>
B13802500600	M 6	1	80	16	6	4.9	5	<b>1.771,54</b>
B13802500800	M 8	1.25	90	18	8	6.2	6.8	<b>2.020,89</b>
B13802501000	M10	1.5	100	20	10	8	8.5	<b>2.430,03</b>
B13802501200	M12	1.75	110	24	12	9	10.2	<b>2.892,12</b>

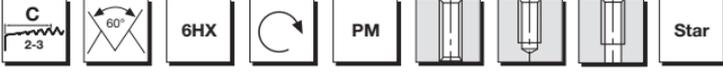
**DIN-376**

Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	<sup>a</sup> (h12) mm	Matkap Çapı	TL/Adet
B13802601200	M12	1.75	110	24	9	7	10.2	<b>3.097,29</b>
B13802601400	M14	2	110	26	11	9	12	<b>4.270,38</b>
B13802601600	M16	2	110	28	12	9	14	<b>4.764,93</b>
B13802601800	M18	2.5	125	30	14	11	15.5	<b>6.678,44</b>
B13802602000	M20	2.5	140	32	16	12	17.5	<b>7.208,94</b>



**MARS** DÖKÜM - Düz Kanallı

**M**



**DIN-371**

**PM**

Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	a (h12) mm	Matkap Çapı	TL/Adet
B13812500300	M 3	0.5	56	10	3.5	2.7	2.5	<b>1.647,18</b>
B13812500400	M 4	0.7	63	12	4.5	3.4	3.3	<b>1.718,89</b>
B13812500500	M 5	0.8	70	14	6	4.9	4.2	<b>1.758,30</b>
B13812500600	M 6	1	80	16	6	4.9	5	<b>1.985,97</b>
B13812500800	M 8	1.25	90	18	8	6.2	6.8	<b>2.262,65</b>
B13812501000	M10	1.5	100	20	10	8	8.5	<b>2.716,00</b>
B13812501200	M12	1.75	110	24	12	9	10.2	<b>3.237,00</b>

**DIN-376**

Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	a (h12) mm	Matkap Çapı	TL/Adet
B13812601200	M12	1.75	110	24	9	7	10.2	<b>3.473,64</b>
B13812601400	M14	2	110	26	11	9	12	<b>4.786,86</b>
B13812601600	M16	2	110	28	12	9	14	<b>5.349,92</b>
B13812601800	M18	2.5	125	30	14	11	15.5	<b>7.529,56</b>
B13812602000	M20	2.5	140	32	16	12	17.5	<b>8.087,80</b>



**MARS** DÖKÜM - 15°Helis Kanallı

**M**



Star



**DIN-371**

Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	a (h <sub>12</sub> ) mm	Matkap Çapı	TL/Adet
B13802510300	M 3	0.5	56	10	3.5	2.7	2.5	<b>1.598,88</b>
B13802510400	M 4	0.7	63	12	4.5	3.4	3.3	<b>1.665,50</b>
B13802510500	M 5	0.8	70	14	6	4.9	4.2	<b>1.704,91</b>
B13802510600	M 6	1	80	16	6	4.9	5	<b>1.932,51</b>
B13802510800	M 8	1.25	90	18	8	6.2	6.8	<b>2.200,30</b>
B13802511000	M10	1.5	100	20	10	8	8.5	<b>2.639,68</b>
B13802511200	M12	1.75	110	24	12	9	10.2	<b>3.144,64</b>

**DIN-376**

Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	a (h <sub>12</sub> ) mm	Matkap Çapı	TL/Adet
B13802611200	M12	1.75	110	24	9	7	10.2	<b>3.320,04</b>
B13802611400	M14	2	110	26	11	9	12	<b>4.581,10</b>
B13802611600	M16	2	110	28	12	9	14	<b>5.119,51</b>
B13802611800	M18	2.5	125	30	14	11	15.5	<b>7.197,18</b>
B13802612000	M20	2.5	140	32	16	12	17.5	<b>7.727,66</b>



**MARS** DÖKÜM - 15°Helis Kanallı

M



**DIN-371**



Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	a (h12) mm	Matkap Çapı	TL/Adet
B13812510300	M 3	0.5	56	10	3.5	2.7	2.5	<b>1.811,83</b>
B13812510400	M 4	0.7	63	12	4.5	3.4	3.3	<b>1.885,71</b>
B13812510500	M 5	0.8	70	14	6	4.9	4.2	<b>1.924,70</b>
B13812510600	M 6	1	80	16	6	4.9	5	<b>2.170,78</b>
B13812510800	M 8	1.25	90	18	8	6.2	6.8	<b>2.469,68</b>
B13812511000	M10	1.5	100	20	10	8	8.5	<b>2.957,14</b>
B13812511200	M12	1.75	110	24	12	9	10.2	<b>3.528,06</b>

**DIN-376**

Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	a (h12) mm	Matkap Çapı	TL/Adet
B13812611200	M12	1.75	110	24	9	7	10.2	<b>3.729,05</b>
B13812611400	M14	2	110	26	11	9	12	<b>5.144,12</b>
B13812611600	M16	2	110	28	12	9	14	<b>5.758,56</b>
B13812611800	M18	2.5	125	30	14	11	15.5	<b>8.126,24</b>
B13812612000	M20	2.5	140	32	16	12	17.5	<b>8.684,70</b>



**URANÜS** METAL DIŞI - Düz Kanallı Bakır Alaşımli  
**M**



**DIN-371**

Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	a (h12) mm	TL/Adet	
							BM	TIN
B**803000300	M 3	0.5	56	10	3.5	2.7	1.257,00	1.374,94
B**803000400	M 4	0.7	63	12	4.5	3.4	1.299,89	1.431,10
B**803000500	M 5	0.8	70	14	6	4.9	1.299,89	1.458,80
B**803000600	M 6	1	80	16	6	4.9	1.403,98	1.633,07
B**803000800	M 8	1.25	90	18	8	6.2	1.587,27	1.857,91
B**803001000	M10	1.5	100	20	10	8	1.872,22	2.223,07
B**803001200	M12	1.75	110	24	12	9	2.262,65	2.656,67

**DIN-376**

Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	a (h12) mm	TL/Adet	
							BM	TIN
B**803101200	M12	1.75	110	24	9	7	2.464,07	2.858,42
B**803101400	M14	2	110	26	11	9	3.383,78	3.937,03
B**803101600	M16	2	110	28	12	9	3.837,03	4.409,38
B**803101800	M18	2.5	125	30	14	11	5.579,11	6.247,69
B**803102000	M20	2.5	140	32	16	12	5.757,35	6.657,76

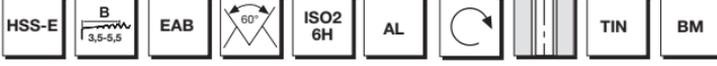
B\*\* BM B20 TIN B10



**URANÜS**

**M**

**METAL DIŞI - Eğik Ağız Bilemeli**  
**Alüminyum**



**DIN-371**

Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	a (h12) mm	TL/Adet	
							BM	TIN
B**803010300	M 3	0.5	56	10	3.5	2.7	<b>1.232,10</b>	<b>1.349,47</b>
B**803010400	M 4	0.7	63	12	4.5	3.4	<b>1.274,55</b>	<b>1.405,65</b>
B**803010500	M 5	0.8	70	14	6	4.9	<b>1.274,55</b>	<b>1.433,30</b>
B**803010600	M 6	1	80	16	6	4.9	<b>1.376,61</b>	<b>1.606,39</b>
B**803010800	M 8	1.25	90	18	8	6.2	<b>1.556,18</b>	<b>1.827,10</b>
B**803011000	M10	1.5	100	20	10	8	<b>1.835,36</b>	<b>2.186,16</b>
B**803011200	M12	1.75	110	24	12	9	<b>2.217,99</b>	<b>2.612,17</b>

**DIN-376**

Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	a (h12) mm	TL/Adet	
							BM	TIN
B**803111200	M12	1.75	110	24	9	7	<b>2.416,03</b>	<b>2.809,91</b>
B**803111400	M14	2	110	26	11	9	<b>3.317,31</b>	<b>3.870,55</b>
B**803111600	M16	2	110	28	12	9	<b>3.761,47</b>	<b>4.334,05</b>
B**803111800	M18	2.5	125	30	14	11	<b>5.469,56</b>	<b>6.138,79</b>
B**803112000	M20	2.5	140	32	16	12	<b>5.644,62</b>	<b>6.544,94</b>

**B\*\***

**BM**

B20

**TIN**

B10



URANÜS

METAL DIŞI - 45° Helis Kanallı  
Alüminyum

M



### DIN-371

Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	a (h12) mm	TL/Adet	
							BM	TIN
B**803020300	M 3	0.5	56	6	3.5	2.7	1.346,48	1.463,74
B**803020400	M 4	0.7	63	7	4.5	3.4	1.388,78	1.520,04
B**803020500	M 5	0.8	70	8	6	4.9	1.388,78	1.547,37
B**803020600	M 6	1	80	10	6	4.9	1.504,05	1.733,53
B**803020800	M 8	1.25	90	12	8	6.2	1.697,93	1.969,24
B**803021000	M10	1.5	100	14	10	8	2.001,17	2.352,13
B**803021200	M12	1.75	110	16	12	9	2.417,56	2.812,27

### DIN-376

Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	a (h12) mm	TL/Adet	
							BM	TIN
B**803121200	M12	1.75	110	16	9	7	2.630,20	3.024,47
B**803121400	M14	2	110	18	11	9	3.616,97	4.169,66
B**803121600	M16	2	110	20	12	9	4.104,01	4.676,38
B**803121800	M18	2.5	125	22	14	11	5.969,76	6.638,19
B**803122000	M20	2.5	140	22	16	12	6.144,48	7.044,92

B\*\*

BM

B20

TIN

B10



**URANÜS**

**METAL DIŞI - 45° Helis Kanallı  
Bakır Alaşımli**

**M**



**DIN-371**

Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	a (h12) mm	TL/Adet	
							BM	TIN
B**803030300	M 3	0.5	56	6	3.5	2.7	1.346,48	1.463,74
B**803030400	M 4	0.7	63	7	4.5	3.4	1.388,78	1.520,04
B**803030500	M 5	0.8	70	8	6	4.9	1.388,78	1.547,37
B**803030600	M 6	1	80	10	6	4.9	1.504,05	1.733,53
B**803030800	M 8	1.25	90	12	8	6.2	1.697,93	1.969,24
B**803031000	M10	1.5	100	14	10	8	2.001,17	2.352,13
B**803031200	M12	1.75	110	16	12	9	2.417,56	2.812,27

**DIN-376**

Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	a (h12) mm	TL/Adet	
							BM	TIN
B**803131200	M12	1.75	110	16	9	7	2.630,20	3.024,47
B**803131400	M14	2	110	18	11	9	3.616,97	4.169,66
B**803131600	M16	2	110	20	12	9	4.104,01	4.676,38
B**803131800	M18	2.5	125	22	14	11	5.969,76	6.638,19
B**803132000	M20	2.5	140	22	16	12	6.144,48	7.044,92

**B\*\*** **BM** B20 **TIN** B10



**URANÜS** METAL DIŞI - Düz Kanallı Makina Kılavuzu  
**M**



**~DIN-371 / DIN-376**

Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	a (h12) mm	TL/Adet	
							BM	TIN
B**803300284	Nr:4	40	56	10	3.5	2.7	*	*
B**803300350	Nr: 6	32	56	12	4	3	*	*
B**803300417	Nr: 8	32	63	12	4.5	3.4	2.131,88	2.283,21
B**803300483	Nr: 10	24	70	14	6	4.9	2.331,73	2.531,00
B**803300549	Nr: 12	24	80	16	6	5.5	2.217,40	2.430,51
B**803300635	1/4"	20	80	16	7	5.5	2.021,39	2.256,68
B**803300794	5/16"	18	90	18	8	6.2	2.300,49	2.535,59
B**803300952	3/8"	16	100	20	10	8	2.654,80	2.959,71
B**803301111	7/16"	14	100	22	8	6.2	3.079,79	3.422,64
B**803301270	1/2"	13	110	25	9	7	3.335,41	3.678,43
B**803301429	9/16"	12	110	30	12	9	4.514,11	4.994,93
B**803301905	3/4"	10	125	32	14	11	7.640,30	8.423,02

B\*\*

BM

B20

TIN

B10



**URANÜS** METAL DIŞI - Helis Kanallı Makina Kılavuzu  
**M**



**~DIN-371 / DIN-376**

Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	a (h12) mm	TL/Adet	
							BM	TIN
B**803400284	Nr:4	40	56	6	3.5	2.7	*	*
B**803400350	Nr: 6	32	56	7	4	3	*	*
B**803400417	Nr: 8	32	63	7	4.5	3.4	2.574,55	2.712,49
B**803400483	Nr: 10	24	70	8	6	4.9	2.797,73	2.997,33
B**803400549	Nr: 12	24	80	12	6	5.5	2.705,72	2.905,75
B**803400635	1/4"	20	80	12	7	5.5	2.427,86	2.663,25
B**803400794	5/16"	18	90	12	8	6.2	2.764,42	2.999,81
B**803400952	3/8"	16	100	16	10	8	3.183,63	3.489,19
B**803401111	7/16"	14	100	18	8	6.2	3.697,26	4.040,26
B**803401270	1/2"	13	110	20	9	7	3.997,31	4.340,30
B**803401429	9/16"	12	110	24	12	9	5.424,18	5.904,63
B**803401905	3/4"	10	125	25	14	11	9.179,12	9.961,97

B\*\* **BM** B20 **TIN** B10



**URANÜS** METAL DIŞI - Düz Kanallı Makina Kılavuzu  
**M**



**~DIN-371 / DIN-376**

Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	a (h12) mm	TL/Adet	
							BM	TIN
B**803350284	Nr:4	48	56	10	2.2	2.7	*	*
B**803350350	Nr: 6	40	56	12	2.5	3	*	*
B**803350417	Nr: 8	36	63	12	2.8	3.4	2.306,99	2.444,95
B**803350483	Nr: 10	32	70	14	3.5	4.9	2.541,81	2.741,16
B**803350549	Nr: 12	28	80	16	4	5.5	2.541,81	2.741,16
B**803350635	1/4"	28	80	16	4.5	5.5	2.310,53	2.545,91
B**803350794	5/16"	24	90	18	6	6.2	2.628,69	2.864,32
B**803350952	3/8"	24	100	20	7	8	3.024,79	3.330,46
B**803351111	7/16"	20	100	22	8	6.2	3.523,10	3.865,73
B**803351270	1/2"	20	110	25	9	7	3.809,67	4.152,72
B**803351429	9/16"	18	110	30	12	9	5.580,33	6.061,48
B**803351905	3/4"	16	125	32	14	11	9.387,57	10.170,51

B\*\*

BM

B20

TIN

B10



MAKINA TAKIM ENDÜSTRİSİ A.Ş.

**URANÜS** METAL DIŞI - Helis Kanallı Makina Kılavuzu  
**M**



**~DIN-371 / DIN-376**

Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	a (h12) mm	TL/Adet	
							BM	TIN
B**803450284	Nr:4	48	56	6	2.2	2.7	*	*
B**803450350	Nr: 6	40	56	7	2.5	3	*	*
B**803450417	Nr: 8	36	63	7	2.8	3.4	2.760,45	2.898,56
B**803450483	Nr: 10	32	70	8	3.5	4.9	3.050,06	3.249,24
B**803450549	Nr: 12	28	80	12	4	5.5	3.050,06	3.249,24
B**803450635	1/4"	28	80	12	4.5	5.5	2.769,23	3.004,48
B**803450794	5/16"	24	90	12	6	6.2	3.157,88	3.393,46
B**803450952	3/8"	24	100	16	7	8	3.633,06	3.937,75
B**803451111	7/16"	20	100	18	8	6.2	4.224,34	4.567,36
B**803451270	1/2"	20	110	20	9	7	4.571,14	4.914,19
B**803451429	9/16"	18	110	24	11	9	6.675,59	7.156,52
B**803451905	3/4"	16	125	25	14	11	11.264,95	12.047,97

B\*\*

BM

B20

TIN

B10

YÜK. PERFORMANSLI  
KILAVUZLARI



**SATÜRN** ISI DİRENÇLİ Ti-Ni - TOOLOX  
M 15° Sol Helis Kanallı



**DIN-371**



Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	a (h12) mm	Matkap Çapı	TL/Adet
B13824010300	M 3	0.5	56	10	3.5	2.7	2.5	2.202,50
B13824010400	M 4	0.7	63	12	4.5	3.4	3.3	2.289,74
B13824010500	M 5	0.8	70	14	6	4.9	4.2	2.332,99
B13824010600	M 6	1	80	16	6	4.9	5	2.621,06
B13824010800	M 8	1.25	90	18	8	6.2	6.8	2.979,79
B13824011000	M10	1.5	100	20	10	8	8.5	3.562,81
B13824011200	M12	1.75	110	24	12	9	10.2	4.256,13

**DIN-376**

Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	a (h12) mm	Matkap Çapı	TL/Adet
B13824111200	M12	1.75	110	24	9	7	10.2	4.572,84
B13824111400	M14	2	110	26	11	9	12	6.305,88
B13824111600	M16	2	110	28	12	9	14	7.069,19
B13824111800	M18	2.5	125	30	14	11	15.5	10.007,63
B13824112000	M20	2.5	140	32	16	12	17.5	10.652,22



**SATÜRN** ISI DİRENÇLİ Ti-Ni - TOOLOX  
M 15° Helis Kanallı



**DIN-371**



Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	a (h12) mm	Matkap Çapı	TL/Adet
B13824000300	M 3	0.5	56	10	3.5	2.7	2.5	<b>2.001,83</b>
B13824000400	M 4	0.7	63	12	4.5	3.4	3.3	<b>2.081,55</b>
B13824000500	M 5	0.8	70	14	6	4.9	4.2	<b>2.120,64</b>
B13824000600	M 6	1	80	16	6	4.9	5	<b>2.382,72</b>
B13824000800	M 8	1.25	90	18	8	6.2	6.8	<b>2.709,64</b>
B13824001000	M10	1.5	100	20	10	8	8.5	<b>3.239,20</b>
B13824001200	M12	1.75	110	24	12	9	10.2	<b>3.869,44</b>

**DIN-376**

Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	a (h12) mm	Matkap Çapı	TL/Adet
B13824101200	M12	1.75	110	24	9	7	10.2	<b>4.157,34</b>
B13824101400	M14	2	110	26	11	9	12	<b>5.732,53</b>
B13824101600	M16	2	110	28	12	9	14	<b>6.426,31</b>
B13824101800	M18	2.5	125	30	14	11	15.5	<b>9.097,46</b>
B13824102000	M20	2.5	140	32	16	12	17.5	<b>9.684,58</b>



**MERKÜR** - 50/55 HRc Düz Kanallı

M



**DIN-371**

**PM**

Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	a (h12) mm	Matkap Çapı	TL/Adet
B13824500600	M 6	1	80	10	6	4.9	5.1	<b>2.284,80</b>
B13824500800	M 8	1.25	90	12	8	6.2	6.9	<b>2.600,15</b>
B13824501000	M10	1.5	100	14	10	8	8.6	<b>3.114,05</b>
B13824501200	M12	1.75	110	16	12	9	10.3	<b>3.719,09</b>



**JUPİTER** H SPEED- Eğik Ağız Bilemeli

M



**DIN-371**

**PM**

Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	a (h12) mm	Matkap Çapı	TL/Adet
B13825010300	M 3	0.5	56	10	3.5	2.7	2.5	<b>1.780,37</b>
B13825010400	M 4	0.7	63	12	4.5	3.4	3.3	<b>1.857,18</b>
B13825010500	M 5	0.8	70	14	6	4.9	4.2	<b>1.896,29</b>
B13825010600	M 6	1	80	16	6	4.9	5	<b>2.135,41</b>
B13825010800	M 8	1.25	90	18	8	6.2	6.8	<b>2.431,58</b>
B13825011000	M10	1.5	100	20	10	8	8.5	<b>2.915,13</b>
B13825011200	M12	1.75	110	24	12	9	10.2	<b>3.477,87</b>

**DIN-376**

Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	a (h12) mm	Matkap Çapı	TL/Adet
B13825111200	M12	1.75	110	24	9	7	10.2	<b>3.735,26</b>
B13825111400	M14	2	110	26	11	9	12	<b>5.146,71</b>
B13825111600	M16	2	110	28	12	9	14	<b>5.758,38</b>
B13825111800	M18	2.5	125	30	14	11	15.5	<b>8.123,32</b>
B13825112000	M20	2.5	140	32	16	12	17.5	<b>8.699,89</b>



**JUPİTER** H SPEED - Düz Kanallı

M



**DIN-371**

**PM**

Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	<sup>a</sup> (h12) mm	Matkap Çapı	TL/Adet
B13825000300	M 3	0.5	56	10	3.5	2.7	2.5	<b>1.732,66</b>
B13825000400	M 4	0.7	63	12	4.5	3.4	3.3	<b>1.807,23</b>
B13825000500	M 5	0.8	70	14	6	4.9	4.2	<b>1.846,86</b>
B13825000600	M 6	1	80	16	6	4.9	5	<b>2.081,55</b>
B13825000800	M 8	1.25	90	18	8	6.2	6.8	<b>2.371,18</b>
B13825001000	M10	1.5	100	20	10	8	8.5	<b>2.843,36</b>
B13825001200	M12	1.75	110	24	12	9	10.2	<b>3.391,25</b>

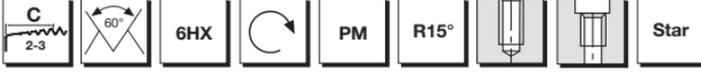
**DIN-376**

Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	<sup>a</sup> (h12) mm	Matkap Çapı	TL/Adet
B13825101200	M12	1.75	110	24	9	7	10.2	<b>3.641,29</b>
B13825101400	M14	2	110	26	11	9	12	<b>5.016,95</b>
B13825101600	M16	2	110	28	12	9	14	<b>5.611,43</b>
B13825101800	M18	2.5	125	30	14	11	15.5	<b>7.909,39</b>
B13825102000	M20	2.5	140	32	16	12	17.5	<b>8.479,68</b>



**JUPİTER** H SPEED - 15° Helis Kanallı

M



**DIN-371**



Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	a (h12) mm	Matkap Çapı	TL/Adet
B13825020300	M 3	0.5	56	10	3.5	2.7	2.5	<b>1.928,99</b>
B13825020400	M 4	0.7	63	12	4.5	3.4	3.3	<b>2.006,26</b>
B13825020500	M 5	0.8	70	14	6	4.9	4.2	<b>2.045,64</b>
B13825020600	M 6	1	80	16	6	4.9	5	<b>2.301,02</b>
B13825020800	M 8	1.25	90	18	8	6.2	6.8	<b>2.617,17</b>
B13825021000	M10	1.5	100	20	10	8	8.5	<b>3.130,52</b>
B13825021200	M12	1.75	110	24	12	9	10.2	<b>3.737,69</b>

**DIN-376**

Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	a (h12) mm	Matkap Çapı	TL/Adet
B13825121200	M12	1.75	110	24	9	7	10.2	<b>4.014,23</b>
B13825121400	M14	2	110	26	11	9	12	<b>5.536,43</b>
B13825121600	M16	2	110	28	12	9	14	<b>6.203,76</b>
B13825121800	M18	2.5	125	30	14	11	15.5	<b>8.773,97</b>
B13825122000	M20	2.5	140	32	16	12	17.5	<b>9.350,90</b>



**GALAKSİ** OVALAMA - Yağ Kanallı



**DIN-371**

Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	<sup>a</sup> (h12) mm	Matkap Çapı	TL/Adet
B10805500300	M 3	0.5	56	10	3.5	2.7	2.8	<b>3.106,57</b>
B10805500400	M 4	0.7	63	12	4.5	3.4	3.7	<b>3.161,76</b>
B10805500500	M 5	0.8	70	14	6	4.9	4.65	<b>3.361,09</b>
B10805500600	M 6	1	80	16	6	4.9	5.6	<b>3.449,16</b>
B10805500800	M 8	1.25	90	18	8	6.2	7.45	<b>3.941,67</b>
B10805501000	M10	1.5	100	20	10	8	9.35	<b>4.819,59</b>
B10805501200	M12	1.75	110	24	12	9	11.25	<b>6.108,46</b>

**DIN-376**

Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	<sup>a</sup> (h12) mm	Matkap Çapı	TL/Adet
B10805601200	M12	1.75	110	18	9	7	11.25	<b>7.242,50</b>
B10805601400	M14	2	110	26	11	9	13	<b>10.140,46</b>
B10805601600	M16	2	110	27	12	9	15	<b>9.475,00</b>
B10805601800	M18	2.5	125	32	14	11	16.8	<b>14.364,59</b>
B10805602000	M20	2.5	140	32	16	12	18.8	<b>16.552,77</b>

TIN

"10"

TICN

"11"

STAR

"13"



**GALAKSİ** OVALAMA - Yağ Kanalsız



**PM**

**DIN-371**

Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	a (h12) mm	Matkap Çapı	TL/Adet
B13825510300	M 3	0.5	56	10	3.5	2.7	2.8	<b>3.592,79</b>
B13825510400	M 4	0.7	63	12	4.5	3.4	3.7	<b>3.661,69</b>
B13825510500	M 5	0.8	70	14	6	4.9	4.65	<b>3.896,78</b>
B13825510600	M 6	1	80	16	6	4.9	5.6	<b>4.022,82</b>
B13825510800	M 8	1.25	90	18	8	6.2	7.45	<b>4.601,19</b>
B13825511000	M10	1.5	100	20	10	8	9.35	<b>5.631,99</b>
B13825511200	M12	1.75	110	24	12	9	11.25	<b>7.121,11</b>

**DIN-376**

Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	a (h12) mm	Matkap Çapı	TL/Adet
B13825611200	M12	1.75	110	18	9	7	11.25	<b>8.416,89</b>
B13825611400	M14	2	110	26	11	9	13	<b>11.784,90</b>
B13825611600	M16	2	110	27	12	9	15	<b>11.035,23</b>
B13825611800	M18	2.5	125	32	14	11	16.8	<b>16.654,26</b>
B13825612000	M20	2.5	140	32	16	12	18.8	<b>19.239,37</b>

YÜK. PERFORMANSLI  
KILAVUZLARI

**TIN**

"10"

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**GALAKSİ** OVALAMA - Yağ Kanalsız



**DIN-371**

Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	<sup>a</sup> (h12) mm	Matkap Çapı	TL/Adet
B10805510300	M 3	0.5	56	10	3.5	2.7	2.8	<b>2.964,37</b>
B10805510400	M 4	0.7	63	12	4.5	3.4	3.7	<b>3.017,55</b>
B10805510500	M 5	0.8	70	14	6	4.9	4.65	<b>3.208,57</b>
B10805510600	M 6	1	80	16	6	4.9	5.6	<b>3.295,95</b>
B10805510800	M 8	1.25	90	18	8	6.2	7.45	<b>3.766,83</b>
B10805511000	M10	1.5	100	20	10	8	9.35	<b>4.606,41</b>
B10805511200	M12	1.75	110	24	12	9	11.25	<b>5.836,35</b>

**DIN-376**

Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	<sup>a</sup> (h12) mm	Matkap Çapı	TL/Adet
B10805611200	M12	1.75	110	18	9	7	11.25	<b>6.915,80</b>
B10805611400	M14	2	110	26	11	9	13	<b>9.683,72</b>
B10805611600	M16	2	110	27	12	9	15	<b>9.051,18</b>
B10805611800	M18	2.5	125	32	14	11	16.8	<b>13.712,63</b>
B10805612000	M20	2.5	140	32	16	12	18.8	<b>15.807,17</b>





**GALAKSİ** OVALAMA - Yağ Kanallı



**PM**

**DIN-371**

Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	a (h12) mm	Matkap Çapı	TL/Adet
B13825500300	M 3	0.5	56	10	3.5	2.7	2.8	<b>3.763,16</b>
B13825500400	M 4	0.7	63	12	4.5	3.4	3.7	<b>3.834,29</b>
B13825500500	M 5	0.8	70	14	6	4.9	4.65	<b>4.080,23</b>
B13825500600	M 6	1	80	16	6	4.9	5.6	<b>4.207,00</b>
B13825500800	M 8	1.25	90	18	8	6.2	7.45	<b>4.811,02</b>
B13825501000	M10	1.5	100	20	10	8	9.35	<b>5.887,65</b>
B13825501200	M12	1.75	110	24	12	9	11.25	<b>7.447,56</b>

**DIN-376**

Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	a (h12) mm	Matkap Çapı	TL/Adet
B13825601200	M12	1.75	110	18	9	7	11.25	<b>8.807,47</b>
B13825601400	M14	2	110	26	11	9	13	<b>12.331,99</b>
B13825601600	M16	2	110	27	12	9	15	<b>11.543,78</b>
B13825601800	M18	2.5	125	32	14	11	16.8	<b>17.437,27</b>
B13825602000	M20	2.5	140	32	16	12	18.8	<b>20.134,28</b>

YÜK. PERFORMANSLI  
KILAVUZLARI

**TIN**

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**TICN**

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PAFTALAR  
VIDA TARAĐI



PAFTALAR - VIDA TARAĐI



MAKINA TAKIM ENDÜSTRİSİ A.Ş.



Metrik Normal Vidalı Pafta Lokması



Ürün kodu	d1 mm	P adım	d2 (f9) mm	h1 mm	TL/Adet
B00110020200	M2	0,4	16	5	<b>1.780,86</b>
B00110020250	M2,5	0,45	16	5	<b>1.737,53</b>
B00110020300	M3	0,5	20	5	<b>1.325,80</b>
B00110020350	M3,5	0,6	20	5	<b>1.550,76</b>
B00110020400	M4	0,7	20	5	<b>1.325,80</b>
B00110020500	M5	0,8	20	7	<b>1.215,96</b>
B00110020600	M6	1	20	7	<b>1.215,96</b>
B00110020700	M7	1	25	9	<b>1.696,45</b>
B00110020800	M8	1,25	25	9	<b>1.425,79</b>
B00110020900	M9	1,25	25	9	<b>1.849,33</b>
B00110021000	M10	1,5	30	11	<b>1.744,65</b>
B00110021200	M12	1,75	38	14	<b>2.222,70</b>
B00110021400	M14	2	38	14	<b>2.559,39</b>
B00110021600	M16	2	45	18	<b>3.613,65</b>
B00110021800	M18	2,5	45	18	<b>3.645,76</b>
B00110022000	M20	2,5	45	18	<b>3.645,76</b>
B00110022200	M22	2,5	55	22	<b>5.374,11</b>
B00110022400	M24	3	55	22	<b>5.374,11</b>
B00110022700	M27	3	65	25	<b>8.334,10</b>
B00110023000	M30	3,5	65	25	<b>8.767,35</b>
B00110023300	M33	3,5	65	25	*
B00110023600	M36	4	65	25	*
B00110023900	M39	4	75	30	*
B00110024200	M42	4,5	75	30	*
B00110024500	M45	4,5	90	36	*
B00110024800	M48	5	90	36	*
B00110025200	M52	5	90	36	*

■ Siparişlerinize Termin Verilecektir.

■ Siparişlerinize Termin, Min. Adet ve Fiyat Verilecektir.



Metrik İnce Vidalı Pafta Lokması



Ürün kodu	d1 mm	P adım	d2 (f9) mm	h1 mm	TL/Adet
B00110030604	M 6	0,75	20	7	1.877,83
B00110030805	M 8	1	25	9	1.983,62
B00110031005	M 10	1	30	11	2.530,00
B00110031000	M 10	1,25	30	11	2.566,28
B00110031205	M 12	1	38	10	3.028,77
B00110031200	M 12	1,25	38	10	3.441,72
B00110031206	M 12	1,5	38	10	2.974,97
B00110031405	M 14	1	38	10	3.233,86
B00110031400	M 14	1,25	38	10	3.475,51
B00110031406	M 14	1,5	38	10	3.322,44
B00110031605	M 16	1	45	14	4.671,95
B00110031606	M 16	1,5	45	14	4.829,23
B00110031806	M 18	1,5	45	14	4.919,83
B00110032006	M 20	1,5	45	14	4.964,85
B00110032206	M 22	1,5	55	16	6.612,82
B00110032406	M 24	1,5	55	16	6.725,25
B00110033006	M 30	1,5	65	18	10.200,38

■ Siparişlerinize Termin Verilecektir.



Whitworth Normal Vidalı Pafta Lokması



Ürün kodu	d1 BSW	P adım G/Inch	d2 (f9) mm	h1 mm	TL/Adet
B00110040317	W 1/8"	40	20	5	<b>1.900,76</b>
B00110040397	W 5/32"	32	20	7	<b>1.860,02</b>
B00110040476	W 3/16"	24	20	7	<b>1.932,00</b>
B00110040635	W 1/4"	20	20	7	<b>1.900,76</b>
B00110040794	W 5/16"	18	25	9	<b>2.015,50</b>
B00110040952	W 3/8"	16	30	11	<b>2.399,06</b>
B00110041111	W 7/16"	14	30	11	<b>2.636,14</b>
B00110041270	W 1/2"	12	38	14	<b>3.006,17</b>
B00110041429	W 9/16"	12	38	14	<b>3.482,36</b>
B00110041587	W 5/8"	11	45	18	<b>4.064,52</b>
B00110041905	W 3/4"	10	45	18	<b>4.874,73</b>
B00110042222	W 7/8"	9	55	22	<b>7.040,86</b>
B00110042540	W 1"	8	55	22	<b>7.492,39</b>

■ Siparişlerinize Termin Verilecektir.

Whitworth Boru Vidalı Pafta Lokması



Ürün kodu	d1 BSP	P adım G/Inch	d2 (f9) mm	h1 mm	TL/Adet
B00110080973	G 1/8"	28	30	11	<b>3.044,66</b>
B00110081316	G 1/4"	19	38	10	<b>3.174,36</b>
B00110081666	G 3/8"	19	45	14	<b>4.472,76</b>
B00110082095	G 1/2"	14	45	14	<b>4.472,76</b>
B00110082644	G 3/4"	14	55	16	<b>7.218,77</b>
B00110083325	G 1"	11	65	18	<b>9.496,01</b>



USA Normal Vidalı Pafta Lokması - UNC



Ürün kodu	d1 UNC	P adım G/Inch	d2 (f9) mm	h1 mm	TL/Adet
B00110060635	1/4"	20	20	7	<b>1.954,51</b>
B00110060794	5/16"	18	25	9	<b>2.078,54</b>
B00110060952	3/8"	16	30	11	<b>2.620,41</b>
B00110061111	7/16"	14	30	11	<b>2.620,41</b>
B00110061270	1/2"	13	38	14	<b>2.942,81</b>
B00110061429	9/16"	12	38	14	<b>3.363,11</b>
B00110061587	5/8"	11	45	18	<b>4.094,05</b>
B00110061905	3/4"	10	45	18	<b>4.603,82</b>
B00110062222	7/8"	9	55	22	<b>6.860,53</b>
B00110062540	1"	8	55	22	<b>7.289,77</b>

Siparişlerinize Termin Verilecektir.



USA İnce Vidalı Pafta Lokması - UNF



Ürün kodu	d1 UNF	P adım G/Inch	d2 (f9) mm	h1 mm	TL/Adet
B00110070635	1/4"	28	20	7	<b>2.056,17</b>
B00110070794	5/16"	24	25	9	<b>2.184,88</b>
B00110070952	3/8"	24	30	11	<b>2.758,20</b>
B00110071111	7/16"	20	30	11	<b>2.758,20</b>
B00110071270	1/2"	20	38	10	<b>3.083,04</b>
B00110071429	9/16"	18	38	10	<b>3.525,44</b>
<b>B00110071587</b>	<b>5/8"</b>	<b>18</b>	<b>45</b>	<b>14</b>	<b>4.297,19</b>
B00110071905	3/4"	16	45	14	<b>4.829,23</b>
<b>B00110072222</b>	<b>7/8"</b>	<b>14</b>	<b>55</b>	<b>16</b>	<b>7.199,24</b>
<b>B00110072540</b>	<b>1"</b>	<b>12</b>	<b>55</b>	<b>16</b>	<b>7.650,78</b>

■ Siparişlerinize Termin Verilecektir.

NPT 1/16 Konik Vidalı Pafta Lokması



Ürün kodu	d1 NPT	P adım G/Inch	d2 (f9) mm	h1 mm	TL/Adet
B00110090136	1/8"	27	30	11	<b>5.055,31</b>
B00110090137	1/4"	18	38	14	<b>5.687,05</b>
B00110090138	3/8"	18	45	18	<b>7.356,84</b>
B00110090139	1/2"	14	45	18	<b>11.351,55</b>
B00110090140	3/4"	14	55	22	<b>11.351,55</b>
B00110090141	1"	11 1/2	65	25	<b>15.255,51</b>



RAYBALAR

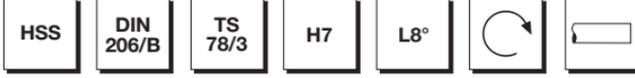
RAYBALAR



MAKINA TAKIM ENDÜSTRİSİ A.Ş.



Silindirik Saplı El Raybası



Ürün kodu	d1 mm	L1 mm	L2 mm	k mm	TL/Adet
B00301010200	2,0	50	25	1,60	1.653,55
B00301010250	2,5	58	29	2,10	1.673,66
B00301010300	3,0	62	31	2,24	1.675,36
B00301010350	3,5	71	35	2,70	1.708,02
B00301010400	4,0	76	38	3,15	1.617,47
B00301010450	4,5	81	41	3,55	1.913,61
B00301010500	5,0	87	44	4,00	1.867,40
B00301010550	5,5	93	47	4,50	1.984,10
B00301010600	6,0	93	47	4,50	1.790,71
B00301010650	6,5	100	50	5,00	1.984,10
B00301010700	7,0	107	54	5,60	1.966,30
B00301010750	7,5	107	54	5,60	2.069,02
B00301010800	8,0	115	58	6,30	2.042,62
B00301010850	8,5	115	58	6,30	2.260,29
B00301010900	9,0	124	62	7,10	2.286,93
B00301010950	9,5	124	62	7,10	2.286,93
B00301011000	10,0	133	66	8,00	2.286,93
B00301011050	10,5	133	66	8,00	2.641,44
B00301011100	11,0	142	71	9,00	2.595,21
B00301011150	11,5	142	71	9,00	2.792,95
B00301011200	12,0	152	76	10,00	2.740,22
B00301011250	12,5	152	76	10,00	4.004,28
B00301011300	13,0	152	76	10,00	4.234,08
B00301011350	13,5	163	81	11,20	4.778,49
B00301011400	14,0	163	81	11,20	4.657,73
B00301011450	14,5	163	81	11,20	5.000,53
B00301011500	15,0	163	81	11,20	4.960,25
B00301011550	15,5	175	87	12,50	5.440,48
B00301011600	16,0	175	87	12,50	5.182,09
B00301011650	16,5	175	87	12,50	5.544,84
B00301011700	17,0	175	87	12,50	5.403,73
B00301011750	17,5	188	93	14,00	5.809,19
B00301011800	18,0	188	93	14,00	5.988,90
B00301011850	18,5	188	93	14,00	6.851,64
B00301011900	19,0	188	93	14,00	6.525,43
B00301011950	19,5	201	100	16,00	6.982,64
B00301012000	20,0	201	100	16,00	6.291,15

Siparişlerinize Termin Verilecektir.

Devamı sayfa 151'dedir

İSTEK HALİNDE FORM A (DÜZ KANALLI), TİN KAPLAMALI VE FARKLI TOLERANSLARDA ÜRETİLEBİLİR.



Silindirik Saplı El Raybası



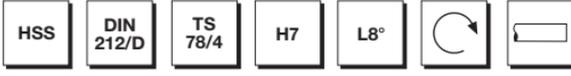
Ürün kodu	d1 mm	L1 mm	L2 mm	k mm	TL/Adet
B00301012100	21,0	201	100	16,00	*
B00301012200	22,0	215	107	18,00	7.457,15
B00301012300	23,0	215	107	18,00	*
B00301012400	24,0	231	115	20,00	8.505,00
B00301012500	25,0	231	115	20,00	*
B00301012600	26,0	231	115	20,00	9.388,52
B00301012700	27,0	247	124	22,40	*
B00301012800	28,0	247	124	22,40	*
B00301012900	29,0	247	124	22,40	*
B00301013000	30,0	247	124	22,40	*
B00301013200	32,0	265	133	25,00	*
B00301013300	33,0	265	133	25,00	*
B00301013500	35,0	284	142	28,00	*
B00301013600	36,0	284	142	28,00	*
B00301013800	38,0	305	152	31,50	*
B00301014000	40,0	305	152	31,50	*

■ Siparişlerinize Termin, Min. Adet ve Fiyat Verilecektir.

İSTEK HALİNDE FORM A (DÜZ KANALLI), TIN KAPLAMALI VE FARKLI TOLERANSLARDA ÜRETİLEBİLİR.



Silindirik Saplı Makina Raybası



Ürün kodu	d1 mm	d2 (h9) mm	L1 mm	L2 mm	TL/Adet
B00303010200	2	2	49	11	1.457,22
B00303010250	2.5	2.5	57	14	1.457,22
B00303010300	3	3	61	15	1.393,29
B00303010350	3.5	3.5	70	18	1.437,98
B00303010400	4	4	75	19	1.528,50
B00303010450	4.5	4.5	80	21	1.636,60
B00303010500	5	5	86	23	1.578,70
B00303010550	5.5	5.6	93	26	1.885,92
B00303010600	6	5.6	93	26	1.677,38
B00303010650	6.5	6.3	101	28	1.982,79
B00303010700	7	7.1	109	31	2.013,87
B00303010750	7.5	7.1	109	31	2.071,68
B00303010800	8	8	117	33	2.073,72
B00303010850	8.5	8	117	33	2.181,90
B00303010900	9	9	125	36	2.181,90
B00303010950	9.5	9	125	36	2.477,37
B00303011000	10	10	133	38	2.431,03
B00303011050	10.5	10	133	38	2.676,61
B00303011100	11	10	142	41	3.167,15
B00303011150	11.5	10	142	41	3.372,00
B00303011200	12	10	151	44	3.578,76
B00303011250	12.5	10	151	44	3.838,04
B00303011300	13	10	151	44	4.154,73
B00303011350	13.5	12.5	160	47	4.386,39
B00303011400	14	12.5	160	47	4.347,92
B00303011450	14.5	12.5	162	50	4.483,08
B00303011500	15	12.5	162	50	4.483,08
B00303011550	15.5	12.5	170	52	4.695,83
B00303011600	16	12.5	170	52	4.637,51
B00303011650	16.5	14	175	54	4.985,25
B00303011700	17	14	175	54	5.198,08
B00303011750	17.5	14	182	56	5.719,99
B00303011800	18	14	182	56	5.661,83
B00303011850	18.5	16	189	58	6.048,15
B00303011900	19	16	189	58	6.395,92
B00303012000	20	16	195	60	6.357,62
B00303012200	22	18	225	55	*
B00303012400	24	20	240	60	*
B00303012500	25	20	245	60	*
B00303012600	26	20	250	60	*
B00303012800	28	22	270	65	*
B00303013000	30	24	280	70	*

■ Siparişlerinize Termin Verilecektir.

■ Siparişlerinize Termin, Min. Adet ve Fiyat Verilecektir.



## Silindirik Saplı Makina Raybası HSS-E



Ürün kodu	d1 mm	d2 (h9) mm	L1 mm	L2 mm	TL/Adet
B00353010200	2	2	49	11	1.877,57
B00353010250	2,5	2,5	57	14	1.877,57
B00353010300	3	3	61	15	1.795,62
B00353010350	3,5	3,5	70	18	1.816,23
B00353010400	4	4	75	19	1.970,19
B00353010450	4,5	4,5	80	21	2.068,05
B00353010500	5	5	86	23	2.034,98
B00353010550	5,5	5,6	93	26	2.382,82
B00353010600	6	5,6	93	26	2.161,73
B00353010650	6,5	6,3	101	28	2.504,91
B00353010700	7	7,1	109	31	2.544,15
B00353010750	7,5	7,1	109	31	2.617,35
B00353010800	8	8	117	33	2.672,47
B00353010850	8,5	8	117	33	2.756,66
B00353010900	9	9	125	36	2.756,66
B00353010950	9,5	9	125	36	3.130,15
B00353011000	10	10	133	38	3.132,94
B00353011050	10,5	10	133	38	3.381,49
B00353011100	11	10	142	41	4.001,75
B00353011150	11,5	10	142	41	4.260,40
B00353011200	12	10	151	44	4.612,47
B00353011250	12,5	10	151	44	4.848,62
B00353011300	13	10	151	44	5.248,97
B00353011350	13,5	12,5	160	47	5.542,30
B00353011400	14	12,5	160	47	5.603,33
B00353011450	14,5	12,5	162	50	5.663,85
B00353011500	15	12,5	162	50	5.663,85
B00353011550	15,5	12,5	170	52	5.932,93
B00353011600	16	12,5	170	52	5.976,57
B00353011650	16,5	14	175	54	6.298,79
B00353011700	17	14	175	54	6.567,33
B00353011750	17,5	14	182	56	7.226,58
B00353011800	18	14	182	56	7.296,37
B00353011850	18,5	16	189	58	7.641,63
B00353011900	19	16	189	58	8.080,91
B00353012000	20	16	195	60	8.193,08
B00353012200	22	18	225	55	*
B00353012400	24	20	240	60	*
B00353012500	25	20	245	60	*
B00353012600	26	20	250	60	*
B00353012800	28	22	270	65	*
B00353013000	30	24	280	70	*

■ Siparişlerinize Termin Verilecektir.

■ Siparişlerinize Termin, Min. Adet ve Fiyat Verilecektir.

İSTEK HALİNDE, FORM C (DÜZ KANALLI), FORM E (BÜYÜK HELİS AÇILI)  
TIN KAPLAMALI VE FARKLI TOLERANSLARDA ÜRETİLEBİLİR.



Mors Konik Saplı Makina Raybası



Ürün kodu	d1 mm	L1 mm	L2 mm	Mors Konik No	TL/Adet
B00302010800	8	156	33	1	3.594,98
B00302011000	10	168	38	1	3.594,98
B00302011100	11	175	41	1	3.997,23
B00302011200	12	182	44	1	3.918,32
B00302011300	13	182	44	1	4.291,78
B00302011400	14	189	47	1	4.351,31
B00302011500	15	204	50	2	5.296,10
B00302011600	16	210	52	2	5.355,20
B00302011700	17	214	54	2	5.768,39
B00302011800	18	219	56	2	6.005,17
B00302011900	19	223	58	2	6.359,54
B00302012000	20	228	60	2	6.359,54
B00302012100	21	232	62	2	*
B00302012200	22	237	64	2	7.166,14
B00302012300	23	241	66	2	*
B00302012400	24	268	68	3	8.347,41
B00302012500	25	268	68	3	8.701,75
B00302012600	26	273	70	3	*
B00302012700	27	277	71	3	*
B00302012800	28	277	71	3	10.217,80
B00302012900	29	281	73	3	*
B00302013000	30	281	73	3	10.572,46
B00302013200	32	317	77	4	13.820,87
B00302013500	35	321	78	4	*
B00302014000	40	329	81	4	*

■ Siparişlerinize Termin Verilecektir.

■ Siparişlerinize Termin, Min. Adet ve Fiyat Verilecektir.

İSTEK HALİNDE HSS-E FORM A (DÜZ KANALLI), TIN KAPLAMALI VE FARKLI TOLERANSLARDA ÜRETİLEBİLİR.



1/50 Konik Pim Deliği Raybası



Ürün kodu	d1 mm	d2 mm	d3 mm	L1 mm	L2 mm	L3 mm	k mm	TL/Adet
B00300010200	2,0	1,9	2,86	68	48	5	2,40	*
B00300010250	2,5	2,4	3,36	68	48	5	2,40	*
B00300010300	3,0	2,9	4,06	80	58	5	3,00	2.033,86
B00300010350	3,5	3,4	4,66	87	63	5	3,40	*
B00300010400	4,0	3,9	5,26	93	68	5	3,80	2.181,42
B00300010450	4,5	4,4	5,80	97	70	5	4,30	*
B00300010500	5,0	4,9	6,36	100	73	5	4,90	2.368,31
B00300010550	5,5	5,4	7,18	118	89	5	6,20	*
B00300010600	6,0	5,9	8,00	135	105	5	6,20	2.801,80
B00300010650	6,5	6,4	8,60	140	110	5	6,20	*
B00300010700	7,0	6,9	9,40	160	125	5	7,00	*
B00300010800	8,0	7,9	10,80	180	145	5	8,00	4.331,23
B00300011000	10,0	9,9	13,40	215	175	5	10,00	6.142,49
B00300011200	12,0	11,8	16,00	255	210	10	11,00	*
B00300011600	16,0	15,8	20,40	280	230	10	14,50	*
B00300011800	18,0	17,8	22,80	310	250	10	14,50	*
B00300012000	20,0	19,8	24,80	310	250	10	18,00	*

■ Siparişlerinize Termin, Min. Adet ve Fiyat Verilecektir.

İSTEK HALİNDE FORM A (DÜZ KANALLI), TIN KAPLAMALI VE FARKLI TOLERANSLARDA ÜRETİLEBİLİR.





FREZELER

FREZELER



ME MAKINA TAKIM ENDÜSTRİSİ A.Ş.



Silindirik Saplı Parmak Freze - Kısa BN



Ürün kodu	d1 mm	d2 mm	L1 mm	L2 mm	Z kanal sayısı	TL/Adet
B00276180200	2,0	6	51	7	3	1.112,39
B00276180250	2,5	6	52	8	3	1.183,53
B00276180300	3,0	6	52	8	3	797,37
B00276180350	3,5	6	54	10	3	906,60
B00276180400	4,0	6	55	11	4	797,37
B00276180450	4,5	6	55	11	4	989,07
B00276180500	5,0	6	57	13	4	797,37
B00276180550	5,5	6	57	13	4	1.038,11
B00276180600	6,0	6	57	13	4	810,95
B00276180650	6,5	10	66	16	4	1.183,53
B00276180700	7,0	10	66	16	4	1.046,74
B00276180750	7,5	10	66	16	4	1.242,47
B00276180800	8,0	10	69	19	4	1.046,74
B00276180850	8,5	10	69	19	4	1.410,47
B00276180900	9,0	10	69	19	4	1.245,86
B00276180950	9,5	10	69	19	4	1.471,60
B00276181000	10,0	10	72	22	4	1.164,36
B00276181050	10,5	12	79	22	4	1.776,19
B00276181100	11,0	12	79	22	4	1.547,71
B00276181150	11,5	12	79	22	4	1.947,31
B00276181200	12,0	12	83	26	4	1.486,36
B00276181250	12,5	12	83	26	4	2.092,16
B00276181300	13,0	12	83	26	4	1.916,42
B00276181400	14,0	12	83	26	4	2.029,90
B00276181500	15,0	12	83	26	4	2.356,04
B00276181600	16,0	16	92	32	4	2.356,04
B00276181700	17,0	16	92	32	4	2.942,57
B00276181800	18,0	16	92	32	4	2.781,53
B00276181900	19,0	16	92	32	4	3.599,73
B00276182000	20,0	20	104	38	4	3.490,89
B00257182100	21,0	20	104	38	5	4.598,38
B00257182200	22,0	20	104	38	5	4.620,93
B00257182300	23,0	20	104	38	5	6.138,59
B00257182400	24,0	25	121	45	5	6.138,59
B00257182500	25,0	25	121	45	5	6.138,59

■ Siparişlerinize Termin Verilecektir.

Devamı sayfa 159'dadır

Ø20 mm ÜZERİ HSS - E (%5Co) DAN ÜRETİLEBİLİR.



Silindirik Saplı Parmak Freze - Kısa BN

HSS-E  
(%8 Co)

DIN  
844

TS  
303/20

BN

js14



Ürün kodu	d1 mm	d2 mm	L1 mm	L2 mm	Z kanal sayısı	TL/Adet
B00257182600	26,0	25	121	45	5	<b>7.497,90</b>
B00257182700	27,0	25	121	45	5	<b>7.860,21</b>
B00257182800	28,0	25	121	45	5	<b>7.860,21</b>
B00257182900	29,0	25	121	45	5	<b>8.516,89</b>
B00257183000	30,0	25	121	45	5	<b>8.336,00</b>
B00257183200	32,0	32	133	53	6	<b>9.105,61</b>
B00257183300	33,0	32	133	53	6	<b>9.651,51</b>
B00257183400	34,0	32	133	53	6	<b>10.000,76</b>
B00257183500	35,0	32	133	53	6	<b>10.611,62</b>
B00257183600	36,0	32	133	53	6	<b>11.114,38</b>
B00257183800	38,0	40	155	63	6	<b>11.861,61</b>
B00257184000	40,0	40	155	63	6	<b>12.620,57</b>

■ Siparişlerinize Termin Verilecektir.

Ø20 mm ÜZERİ HSS - E (%5Co) DAN ÜRETİLEBİLİR.



Silindirik Saplı Parmak Freze - Uzun BN



Ürün kodu	d1 mm	d2 mm	L1 mm	L2 mm	Z kanal sayısı	TL/Adet
B00276220200	2	6	54	10	3	1.445,45
B00276220250	2.5	6	56	12	3	1.483,71
B00276220300	3	6	56	12	3	1.033,29
B00276220400	4	6	63	19	4	1.033,29
B00276220500	5	6	68	24	4	1.033,29
B00276220600	6	6	68	24	4	1.053,41
B00276220700	7	10	80	30	4	1.357,12
B00276220800	8	10	88	38	4	1.352,05
B00276220900	9	10	88	38	4	1.620,08
B00276221000	10	10	95	45	4	1.515,68
B00276221100	11	12	102	45	4	2.009,11
B00276221200	12	12	110	53	4	1.932,22
B00276221300	13	12	110	53	4	2.408,14
B00276221400	14	12	110	53	4	2.575,56
B00276221500	15	12	110	53	4	3.060,19
B00276221600	16	16	123	63	4	3.060,19
B00276221700	17	16	123	63	4	3.825,14
B00276221800	18	16	123	63	4	3.610,69
B00276221900	19	16	123	63	4	4.676,35
B00276222000	20	20	141	75	4	4.553,48
B00257222200	22	20	141	75	5	6.002,81
B00257222400	24	25	166	90	5	7.973,40
B00257222500	25	25	166	90	5	7.973,40
B00257222600	26	25	166	90	5	9.740,68
B00257222800	28	25	166	90	5	10.216,32
B00257223000	30	25	166	90	5	10.827,09
B00257223200	32	32	186	106	6	12.277,01
B00257223400	34	32	186	106	6	*
B00257223600	36	32	186	106	6	*
B00257223800	38	40	217	125	6	*
B00257224000	40	40	217	125	6	*

■ Siparişlerinize Termin Verilecektir.

■ Siparişlerinize Termin, Min. Adet ve Fiyat Verilecektir.

Ø20 mm ÜZERİ HSS - E (%5Co) ÜRETİLEBİLİR.



Silindirik Saplı Parmak Freze - Kısa BNR

HSS-E  
(%8 Co)

DIN  
844

TS  
303/20

BNR

js14



Ürün kodu	d1 mm	d2 mm	L1 mm	L2 mm	Z kanal sayısı	TL/Adet
B00277330800	8,0	10	69	19	4	1.949,30
B00277331000	10,0	10	72	22	4	2.183,33
B00277331200	12,0	12	83	26	4	2.786,61
B00277331400	14,0	12	83	26	4	3.713,94
B00277331600	16,0	16	92	32	4	4.413,44
B00277331800	18,0	16	92	32	4	5.234,18
B00277332000	20,0	20	104	38	4	6.536,60
B00273332200	22,0	20	104	38	5	8.639,29
B00273332400	24,0	25	121	45	5	11.473,14
B00273332500	25,0	25	121	45	5	11.473,14
B00273332600	26,0	25	121	45	5	14.033,71
B00273332800	28,0	25	121	45	5	14.718,74
B00273333000	30,0	25	121	45	5	15.610,19
B00273333200	32,0	32	133	53	6	17.690,39

Siparişlerinize Termin Verilecektir.

Ø20 mm ÜZERİ HSS - E (%5Co) ÜRETİLİR. İSTEK HALİNDE KAPLAMALI OLARAK ÜRETİLEBİLİR.

Silindirik Saplı Parmak Freze - Uzun BNR

HSS-E  
(%8 Co)

DIN  
844

TS  
303/20

BNR

js14



Ürün kodu	d1 mm	d2 mm	L1 mm	L2 mm	Z kanal sayısı	TL/Adet
B00277390800	8	10	88	38	4	2.535,04
B00277391000	10	10	95	45	4	2.833,85
B00277391200	12	12	110	53	4	3.620,21
B00277391400	14	12	110	53	4	4.845,53
B00277391600	16	16	123	63	4	5.759,51
B00277391800	18	16	123	63	4	6.788,54
B00277392000	20	20	141	75	4	8.502,04
B00273392200	22	20	141	75	5	11.222,23
B00273392400	24	25	166	90	5	14.924,70
B00273392500	25	25	166	90	5	14.924,70
B00273392600	26	25	166	90	5	18.238,72
B00273392800	28	25	166	90	5	19.152,44
B00273393000	30	25	166	90	5	20.295,67
B00273393200	32	32	186	106	6	22.992,21

Siparişlerinize Termin Verilecektir.

Ø20 mm ÜZERİ HSS - E (%5Co) ÜRETİLİR. İSTEK HALİNDE KAPLAMALI OLARAK ÜRETİLEBİLİR.



Silindirik Saplı Delik Freze



Ürün kodu	d1 mm	d2 mm	L1 mm	L2 mm	Z kanal sayısı	TL/Adet
B00278140200	2	6	48	4	2	1.010,30
B00278140250	2.5	6	49	5	2	1.010,30
B00278140300	3	6	49	5	2	1.010,30
B00278140400	4	6	51	7	2	971,65
B00278140500	5	6	52	8	2	971,65
B00278140600	6	6	52	8	2	971,65
B00278140700	7	10	60	10	2	1.166,15
B00278140800	8	10	61	11	2	1.166,15
B00278140900	9	10	61	11	2	1.393,15
B00278141000	10	10	63	13	2	1.393,15
B00278141100	11	12	70	13	2	1.823,59
B00278141200	12	12	73	16	2	1.823,59
B00278141300	13	12	73	16	2	2.314,86
B00278141400	14	12	73	16	2	2.234,72
B00278141500	15	12	73	16	2	2.621,35
B00278141600	16	16	79	19	2	2.621,35
B00278141700	17	16	79	19	2	3.173,46
B00278141800	18	16	79	19	2	3.173,46
B00278141900	19	16	79	19	2	3.855,30
B00278142000	20	20	88	22	2	3.740,16

■ Siparişlerinize Termin Verilecektir.

İSTEK HALİNDE KAPLAMALI OLARAK ÜRETİLEBİLİR.



Silindirik Saplı Küresel Kalıpcı Freze - Kısa

HSS-E  
(%8 Co)

DIN  
1889/B

TS  
303/28/1

js14



Ürün kodu	d1 mm	d2 mm	L1 mm	L2 mm	R	TL/Adet
B00272300600	6	6	57	13	3	1.772,20
B00272300800	8	10	69	19	4	2.175,23
B00272301000	10	10	72	22	5	2.490,88
B00272301200	12	12	83	26	6	3.187,24
B00272301400	14	12	83	26	7	3.508,72
B00272301600	16	16	92	32	8	4.350,75
B00272301800	18	16	92	32	9	5.179,78
B00272302000	20	20	104	38	10	6.215,04



Silindirik Saplı Küresel Kalıpcı Freze - Uzun

HSS-E  
(%8 Co)

DIN  
1889/B

TS  
303/28/1

js14



Ürün kodu	d1 mm	d2 mm	L1 mm	L2 mm	R	TL/Adet
B00272500600	6	6	68	24	3	2.120,94
B00272500800	8	10	88	38	4	2.607,50
B00272501000	10	10	95	45	5	2.984,24
B00272501200	12	12	110	53	6	3.819,87
B00272501400	14	12	110	53	7	4.211,52
B00272501600	16	16	123	63	8	5.223,99
B00272501800	18	16	123	63	9	6.215,04
B00272502000	20	20	141	75	10	7.449,37

Siparişlerinize Termin Verilecektir.

Ø20 mm ÜZERİ HSS - E (%5Co) ÜRETİLEBİLİR.  
İSTEK HALİNDE KAPLAMALI OLARAK ÜRETİLEBİLİR.



Silindirik Saplı Yarık Freze - Çapraz Dişli



Ürün kodu	d1 mm	b (e8) mm	d2 mm	L mm	TL/Adet
B00261220600	13,5	3	10	56	4.500,90
B00261220700	13,5	4	10	56	4.500,90
B00261220800	16,5	3	10	56	4.938,02
B00261220900	16,5	4	10	56	4.938,02
B00261221000	16,5	5	10	56	4.938,02
B00261221100	19,5	4	10	63	5.323,54
B00261221200	19,5	5	10	63	5.323,54
B00261221300	19,5	6	10	63	5.323,54
B00261221400	22,5	5	10	63	6.115,80
B00261221500	22,5	6	10	63	6.115,80
B00261221600	22,5	8	10	63	6.115,80
B00261221700	25,5	6	10	63	7.112,55
B00261221800	28,5	6	10	63	8.290,62
B00261221900	28,5	8	10	63	8.290,62
B00261222000	28,5	10	12	71	8.290,62
B00261222300	32,5	8	12	71	10.238,25
B00261222400	32,5	10	12	71	10.238,25
B00261222600	45,5	10	12	71	*

■ Siparişlerinize Termin, Min. Adet ve Fiyat Verilecektir.

### Tek Ağızlı Alüminyum Freze



Ürün kodu	d1 mm	d2 (h8) mm	L1 mm	L2 mm	TL/Adet
B00276500300	3	8	60	12	<b>1.102,81</b>
B00276500400	4	8	60	12	<b>792,05</b>
B00276510400	4	8	100	23	<b>1.102,81</b>
B00276500500	5	8	60	14	<b>792,05</b>
B00276510500	5	8	100	23	<b>1.102,81</b>
B00276500600	6	8	60	14	<b>792,05</b>
B00276510600	6	8	100	25	<b>1.102,81</b>
B00276500800	8	8	80	14	<b>894,42</b>
B00276510800	8	8	120	25	<b>1.297,35</b>
B00276511000	10	10	120	25	<b>1.515,85</b>

Siparişlerinize Termin Verilecektir.

### Tek Ağızlı Boyunlu Alüminyum Freze



Ürün kodu	d1 mm	d2 (h8) mm	L1 mm	L2 mm	TL/Adet
B00257520400	4	8	20x45	80	<b>1.016,78</b>
B00257520500	5	8	20x45	80	<b>1.016,78</b>
B00257520600	6	8	20x45	80	<b>1.016,78</b>



HAVŞA FREZELER

HAVŞA FREZELERİ



MAKINA TAKIM ENDÜSTRİSİ A.Ş.



### Konik Sac Delme Matkabı

HSS

MTE



Ürün kodu	Nr	Delme Ölçü Aralığı	d2 mm	L1 mm	TL/Adet
B00319990646	Nr 1	3-14	6	58	<b>2.149,92</b>
B00319990647	Nr 2	5-20	8	71	<b>3.248,12</b>
B00319990648	Nr 3	16-30,5	9	76	<b>4.725,38</b>
B00319990649	Nr 4	24-40	10	89	<b>8.386,15</b>
B00319990650	Nr 8	5-31	9	103	<b>6.411,71</b>

Siparişlerinize Termin Verilecektir.

**İSTEK HALİNDE KAPLAMALI OLARAK ÜRETİLEBİLİR.**

### Kademeli Sac Delme Matkabı

HSS

MTE

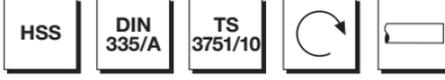


Ürün kodu	Nr	Delme Ölçü Aralığı	L1 mm	d2 mm	Çap Kademe Sayısı	TL/Adet
B00314010512	Nr 0,5	4-12	65	6	5	<b>2.964,58</b>
B00314010120	Nr 1	4-20	75	8	9	<b>4.492,39</b>
B00314010230	Nr 2	4-30	100	10	14	<b>6.616,71</b>
B00314010539	Nr 5	4-39	107	10	13	<b>10.242,69</b>

**İSTEK HALİNDE KAPLAMALI OLARAK ÜRETİLEBİLİR.**



### Silindirik Saplı Havşa Freze - 90°

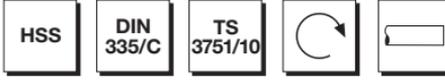


Ürün kodu	d1 mm	d2 mm	d3 mm	L1 mm	L2 mm	TL/Adet
B00313100800	8,0	8	-	48	-	1.058,07
B00313101250	12,5	8	2,0	48	16	1.538,35
B00313101600	16,0	10	3,2	56	20	2.018,12
B00313102000	20,0	10	5,0	60	24	2.878,54
B00313102500	25,0	10	7,0	71	26	3.643,74
B00313103150	31,5	18	9,0	90	30	6.372,80

Siparişlerinize Termin Verilecektir.

İSTEK HALİNDE KAPLAMALI OLARAK ÜRETİLEBİLİR.

### 3 Ağızlı Silindirik Saplı Havşa Freze - 90°



Ürün kodu	d1 mm	d2 mm	d3 mm	L1 mm	L2 mm	TL/Adet
B00313120630	6,3	5,0	1,5	45	5,0	1.060,13
B00313120830	8,3	6,0	2,0	50	6,0	1.165,78
B00313121040	10,4	6,0	2,5	50	7,1	1.434,29
B00313121240	12,4	8,0	2,8	56	8,0	1.527,18
B00313121650	16,5	10,0	3,2	60	10,0	1.899,14
B00313122050	20,5	10,0	3,5	63	12,5	2.556,91
B00313122500	25,0	10,0	3,8	67	15,0	3.521,24
B00313123150	31,5	18,0	4,2	71	18,0	6.121,07

İSTEK HALİNDE KAPLAMALI OLARAK ÜRETİLEBİLİR.



### 3 Ağızlı Silindirik Saplı Havşa Freze - 90°



Ürün kodu	d1 mm	d2 mm	d3 mm	L1 mm	L2 mm	TL/Adet
B10313120630	6,3	5,0	1,5	45	5,0	1.219,34
B10313120830	8,3	6,0	2,0	50	6,0	1.340,56
B10313121040	10,4	6,0	2,5	50	7,1	1.649,62
B10313121240	12,4	8,0	2,8	56	8,0	1.756,53
B10313121650	16,5	10,0	3,2	60	10,0	2.183,72
B10313122050	20,5	10,0	3,5	63	12,5	2.991,39
B10313122500	25,0	10,0	3,8	67	15,0	4.225,50
B10313123150	31,5	12,0	4,2	71	18,0	7.345,63

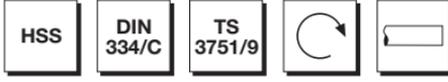
### Silindirik Saplı Havşa Freze - 60°



Ürün kodu	d1 mm	d2 mm	d3 mm	L1 mm	L2 mm	TL/Adet
B00313000800	8,0	8	-	50	-	1.243,43
B00313001250	12,5	8	2,0	50	18	1.799,69
B00313001600	16,0	10	3,2	60	24	2.371,65
B00313002000	20,0	10	5,0	63	27	3.380,32
B00313002500	25,0	10	7,0	78	33	4.263,27

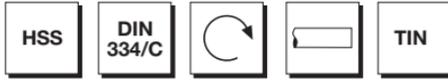


3 Ağızlı Silindirik Saplı Havşa Freze - 60°



Ürün kodu	d1 mm	d2 mm	d3 mm	L1 mm	L2 mm	TL/Adet
B00313020800	8,0	6	2,0	50	8,0	<b>1.214,92</b>
B00313021250	12,5	8	3,2	56	11,2	<b>1.738,96</b>
B00313021600	16,0	10	4,0	63	14,0	<b>2.398,97</b>
B00313022000	20,0	10	5,0	67	17,0	<b>3.103,23</b>
B00313022500	25,0	10	6,3	71	20,0	<b>4.088,23</b>

3 Ağızlı Silindirik Saplı Havşa Freze - 60°



Ürün kodu	d1 mm	d2 mm	d3 mm	L1 mm	L2 mm	TL/Adet
B10313020800	8,0	6	2,0	50	8,0	<b>1.397,37</b>
B10313021250	12,5	8	3,2	56	11,2	<b>1.999,93</b>
B10313021600	16,0	10	4,0	63	14,0	<b>2.758,94</b>
B10313022000	20,0	10	5,0	67	17,0	<b>3.631,74</b>
B10313022500	25,0	10	6,3	71	20,0	<b>4.906,55</b>





## TORNA KALEMLERİ



MAKİNA TAKİM ENDÜSTRİSİ A.Ş.



Yuvarlak Kesitli Torna Kalemı

HSS-E  
(%10Co)

DIN  
4964/A

TS  
95/1



Ürün kodu	d1 mm	L mm	TL/Adet
B00420004080	4	80	592,99
B00420004100	4	100	643,20
B00420005080	5	80	652,24
B00420005100	5	100	652,24
B00420006080	6	80	681,64
B00420006100	6	100	681,64
B00420008080	8	80	876,80
B00420008100	8	100	876,80
B00420008125	8	125	982,64
B00420010080	10	80	1.047,91
B00420010100	10	100	1.047,91
B00420010125	10	125	1.283,98
B00420010160	10	160	1.514,74
B00420012100	12	100	1.581,50
B00420012125	12	125	2.035,75
B00420012160	12	160	2.487,34
B00420014100	14	100	2.256,82
B00420014125	14	125	2.705,78
B00420014160	14	160	3.191,99
B00420016125	16	125	3.610,69
B00420016160	16	160	*
B00420016200	16	200	*
B00420018200	18	200	*
B00420020160	20	160	*
B00420020200	20	200	*

■ Siparişlerinize Termin Verilecektir.

■ Siparişlerinize Termin, Min. Adet ve Fiyat Verilecektir.

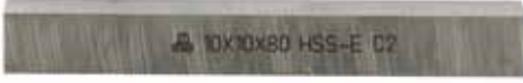


Kare Kesitli Torna Kalemı

HSS-E  
(%10Co)

DIN  
4964/B

TS  
95/1



Ürün kodu	b mm	b mm	L mm	TL/Adet
B00400404063	4	4	63	404,73
B00400404080	4	4	80	458,94
B00400404100	4	4	100	493,37
B00400505063	5	5	63	510,67
B00400505080	5	5	80	569,21
B00400505100	5	5	100	610,66
B00400606063	6	6	63	468,51
B00400606080	6	6	80	503,98
B00400606100	6	6	100	571,53
B00400606125	6	6	125	649,17
B00400606160	6	6	160	779,97
B00400808063	8	8	63	812,82
B00400808080	8	8	80	812,82
B00400808100	8	8	100	955,59
B00400808125	8	8	125	1.080,46
B00400808160	8	8	160	1.282,88
B00400808200	8	8	200	1.837,01
B00401010100	10	10	100	1.324,77
B00401010125	10	10	125	1.491,59
B00401010160	10	10	160	1.849,01
B00401010200	10	10	200	2.348,95
B00401212100	12	12	100	1.622,65
B00401212125	12	12	125	1.911,38
B00401212160	12	12	160	2.366,99
B00401212200	12	12	200	2.890,50
B00401414100	14	14	100	2.280,31
B00401414125	14	14	125	2.682,31
B00401414160	14	14	160	2.771,60
B00401414200	14	14	200	3.453,41
B00401616125	16	16	125	2.848,87
B00401616160	16	16	160	3.546,13
B00401616200	16	16	200	4.414,73
B00401818160	18	18	160	6.164,85
B00401818200	18	18	200	7.585,12
B00402020160	20	20	160	5.418,19
B00402020200	20	20	200	6.668,49
B00402525200	25	25	200	12.443,77

Siparişlerinize Termin Verilecektir.

### Trapez Kesitli Torna Kalemı



Ürün kodu	b mm	h mm	L mm	Kenarların Oranı h:b	TL/Adet
B00411025125	2,5	10	125	4.0:1	934,20
B00411025160	2,5	10	160	4.0:1	1.099,68
B00411230100	3	12	100	4.0:1	1.007,05
B00411230125	3	12	125	4.0:1	1.132,33
B00411230160	3	12	160	4.0:1	1.460,32
B00411640125	4	16	125	4.0:1	1.651,76
B00411640160	4	16	160	4.0:1	2.051,68
B00412050160	5	20	160	4.0:1	2.333,81
B00412050200	5	20	200	4.0:1	2.800,36
B00412560100	6	25	100	4.0:1	2.772,65
B00412560160	6	25	160	4.0:1	3.926,39
B00412560200	6	25	200	4.0:1	4.703,72

Siparişlerinize Termin Verilecektir.

### Trapez Kesitli Torna Kalemı



Ürün kodu	h Inch	b Inch	L Inch	TL/Adet
B00460000203	3/8"	3/32"	4"	766,17
B00460000207	1/2"	1/8"	6"	1.432,56
B00460000210	5/8"	5/32"	5"	1.682,47
B00460000211	5/8"	5/32"	6"	2.075,79
B00460000214	3/4"	3/16"	6"	2.333,81
B00460000217	7/8"	3/16"	6"	3.412,41
B00460000218	7/8"	3/16"	8"	4.193,60
B00460000220	1"	7/32"	6"	3.926,39
B00460000221	1"	7/32"	8"	4.932,05



TESTERELER



MAKINA TAKIM ENDÜSTRİSİ A.Ş.

Metaller İçin El Testere Lamaları

WS  
KROMLU

TS  
153/3



Ürün kodu	L mm	h mm	b mm	z Diş Sayısı	TL/Adet
B00650301138	300	13	0,8	18	<b>48,37</b>
B00650301258	300	25	0,8	18	<b>61,59</b>

(\* Ürünlerimiz 60 Adetli Paketlerde Satılmaktadır.)



Metaller İçin Makina Testere Lamaları

HSS

TS  
153/4



Ürün kodu	L mm	h mm	b mm	z Diş Sayısı	TL/Adet
B00673030151	300	30	1,5	6	689,00
B00673030152	300	30	1,5	8	689,00
B00673530151	350	30	1,5	6	824,03
B00673530152	350	30	1,5	8	824,03
B00673530153	350	30	1,5	10	824,03
B00674035151	400	35	1,5	6	1.008,58
B00674035152	400	35	1,5	8	1.008,58
B00674035153	400	35	1,5	10	1.008,58
B00674040201	400	40	2	6	1.389,59
B00674040202	400	40	2	8	1.389,59
B00674535151	450	35	1,5	6	1.148,40
B00674535152	450	35	1,5	8	1.148,40
B00674535153	450	35	1,5	10	1.148,40
B00674540201	450	40	2	6	1.571,60
B00674540202	450	40	2	8	1.571,60
B00674540203	450	40	2	10	1.571,60
B00675040200	500	40	2	4	1.742,68
B00675040201	500	40	2	6	1.742,68
B00675040202	500	40	2	8	1.742,68
B00675040203	500	40	2	10	1.742,68
B00675050251	500	50	2,5	6	2.503,36
B00675550251	550	50	2,5	6	2.924,46
B00675550252	550	50	2,5	8	2.924,46
B00676050250	600	50	2,5	4	3.055,46
B00676050251	600	50	2,5	6	3.055,46
B00676050252	600	50	2,5	8	3.055,46
B00676550250	650	50	2,5	4	3.864,86
B00676550251	650	50	2,5	6	3.864,86
B00676550252	650	50	2,5	8	3.864,86
B00677050250	700	50	2,5	4	4.790,51
B00677050251	700	50	2,5	6	4.790,51
B00677050252	700	50	2,5	8	4.790,51





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