MARS DÖKÜM - Düz Kanallı

M





PM

DIN-371

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	**2.543,90**
B13812500400	M 4	0.7	63	12	4.5	3.4	3.3	**2.654,65**
B13812500500	M 5	0.8	70	14	6	4.9	4.2	**2.715,52**
B13812500600	M 6	1	80	16	6	4.9	5	**3.067,13**
B13812500800	M 8	1.25	90	18	8	6.2	6.8	**3.494,44**
B13812501000	M10	1.5	100	20	10	8	8.5	**4.194,59**
B13812501200	M12	1.75	110	24	12	9	10.2	**4.999,22**

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	**5.364,69**
B13812601400	M14	2	110	26	11	9	12	**7.392,83**
B13812601600	M16	2	110	28	12	9	14	**8.262,42**
B13812601800	M18	2.5	125	30	14	11	15.5	**11.628,66**
B13812602000	M20	2.5	140	32	16	12	17.5	**12.490,80**

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
B13802510300	M 3	0.5	56	10	3.5	2.7	2.5	**2.469,31**
B13802510400	M 4	0.7	63	12	4.5	3.4	3.3	**2.572,20**
B13802510500	M 5	0.8	70	14	6	4.9	4.2	**2.633,06**
B13802510600	M 6	1	80	16	6	4.9	5	**2.984,57**
B13802510800	M 8	1.25	90	18	8	6.2	6.8	**3.398,14**
B13802511000	M10	1.5	100	20	10	8	8.5	**4.076,73**
B13802511200	M12	1.75	110	24	12	9	10.2	**4.856,58**

DIN-376

Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	a (h12) mm	Matkap Çapı	TL/Adet
B13802611200	M12	1.75	110	24	9	7	10.2	**5.127,47**
B13802611400	M14	2	110	26	11	9	12	**7.075,05**
B13802611600	M16	2	110	28	12	9	14	**7.906,58**
B13802611800	M18	2.5	125	30	14	11	15.5	**11.115,32**
B13802612000	M20	2.5	140	32	16	12	17.5	**11.934,60**

MARS DÖKÜM - 15°Helis Kanallı

M





PM

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	**2.798,19**
B13812510400	M 4	0.7	63	12	4.5	3.4	3.3	**2.912,29**
B13812510500	M 5	0.8	70	14	6	4.9	4.2	**2.972,51**
B13812510600	M 6	1	80	16	6	4.9	5	**3.352,55**
B13812510800	M 8	1.25	90	18	8	6.2	6.8	**3.814,18**
B13812511000	M10	1.5	100	20	10	8	8.5	**4.567,00**
B13812511200	M12	1.75	110	24	12	9	10.2	**5.448,74**

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	**5.759,15**
B13812611400	M14	2	110	26	11	9	12	**7.944,58**
B13812611600	M16	2	110	28	12	9	14	**8.893,53**
B13812611800	M18	2.5	125	30	14	11	15.5	**12.550,16**
B13812612000	M20	2.5	140	32	16	12	17.5	**13.412,65**

URANÜS METAL DIŞI - Düz Kanallı Bakır Alaşımlı

M





DIN-371

TL/Adet

Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	a (h12) mm	BM	TIN
B**803000300	M 3	0.5	56	10	3.5	2.7	1.941,31	2.123,46
B**803000400	M 4	0.7	63	12	4.5	3.4	2.007,55	2.210,19
B**803000500	M 5	0.8	70	14	6	4.9	2.007,55	2.252,98
B**803000600	M 6	1	80	16	6	4.9	2.168,31	2.522,11
B**803000800	M 8	1.25	90	18	8	6.2	2.451,39	2.869,35
B**803001000	M10	1.5	100	20	10	8	2.891,46	3.433,31
B**803001200	M12	1.75	110	24	12	9	3.494,44	4.102,96

DIN-376

TL/Adet

Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	a (h12) mm	BM	TIN
B**803101200	M12	1.75	110	24	9	7	3.805,51	4.414,54
B**803101400	M14	2	110	26	11	9	5.225,91	6.080,36
B**803101600	M16	2	110	28	12	9	5.925,92	6.809,84
B**803101800	M18	2.5	125	30	14	11	8.616,38	9.648,94
B**803102000	M20	2.5	140	32	16	12	8.891,65	10.282,25

B** BM B20 TIN B10

URANÜS

M

METAL DIŞI - Eğik Ağız Bilemeli Alüminyum

HSS-E | B 3,5-5,5 | EAB | 60° | ISO2 6H | AL | TIN | BM



DIN-371

Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	a (h12) mm	TL/Adet BM	TL/Adet TIN
B**803010300	M 3	0.5	56	10	3.5	2.7	1.902,86	2.084,12
B**803010400	M 4	0.7	63	12	4.5	3.4	1.968,41	2.170,89
B**803010500	M 5	0.8	70	14	6	4.9	1.968,41	2.213,59
B**803010600	M 6	1	80	16	6	4.9	2.126,03	2.480,91
B**803010800	M 8	1.25	90	18	8	6.2	2.403,36	2.821,78
B**803011000	M10	1.5	100	20	10	8	2.834,53	3.376,31
B**803011200	M12	1.75	110	24	12	9	3.425,47	4.034,24

DIN-376

Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	a (h12) mm	TL/Adet BM	TL/Adet TIN
B**803111200	M12	1.75	110	24	9	7	3.731,32	4.339,62
B**803111400	M14	2	110	26	11	9	5.123,25	5.977,67
B**803111600	M16	2	110	28	12	9	5.809,21	6.693,51
B**803111800	M18	2.5	125	30	14	11	8.447,19	9.480,74
B**803112000	M20	2.5	140	32	16	12	8.717,56	10.108,01

B** BM B20 TIN B10

URANÜS METAL DIŞI - 45° Helis Kanallı
M Alüminyum

HSS-E | C 2-3 | 60° | ISO2 6H | AL | R45° | TIN | BM



DIN-371

Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	a (h12) mm	TL/Adet BM	TL/Adet TIN
B**803020300	M 3	0.5	56	6	3.5	2.7	2.079,50	2.260,61
B**803020400	M 4	0.7	63	7	4.5	3.4	2.144,83	2.347,55
B**803020500	M 5	0.8	70	8	6	4.9	2.144,83	2.389,75
B**803020600	M 6	1	80	10	6	4.9	2.322,86	2.677,26
B**803020800	M 8	1.25	90	12	8	6.2	2.622,29	3.041,29
B**803021000	M10	1.5	100	14	10	8	3.090,61	3.632,63
B**803021200	M12	1.75	110	16	12	9	3.733,69	4.343,28

DIN-376

Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	a (h12) mm	TL/Adet BM	TL/Adet TIN
B**803121200	M12	1.75	110	16	9	7	4.062,08	4.670,99
B**803121400	M14	2	110	18	11	9	5.586,04	6.439,62
B**803121600	M16	2	110	20	12	9	6.338,23	7.222,20
B**803121800	M18	2.5	125	22	14	11	9.219,70	10.252,02
B**803122000	M20	2.5	140	22	16	12	9.489,53	10.880,18

B** BM B20 TIN B10

URANÜS
M

METAL DIŞI - 45° Helis Kanallı
Bakır Alaşımlı

HSS-E | C 2-3 | 60° | ISO2 6H | Cu+ | R45° | TIN | BM



DIN-371

Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	a (h12) mm	TL/Adet BM	TL/Adet TIN
B**803030300	M 3	0.5	56	6	3.5	2.7	2.079,50	2.260,61
B**803030400	M 4	0.7	63	7	4.5	3.4	2.144,83	2.347,55
B**803030500	M 5	0.8	70	8	6	4.9	2.144,83	2.389,75
B**803030600	M 6	1	80	10	6	4.9	2.322,86	2.677,26
B**803030800	M 8	1.25	90	12	8	6.2	2.622,29	3.041,29
B**803031000	M10	1.5	100	14	10	8	3.090,61	3.632,63
B**803031200	M12	1.75	110	16	12	9	3.733,69	4.343,28

DIN-376

Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	a (h12) mm	TL/Adet BM	TL/Adet TIN
B**803131200	M12	1.75	110	16	9	7	4.062,08	4.670,99
B**803131400	M14	2	110	18	11	9	5.586,04	6.439,62
B**803131600	M16	2	110	20	12	9	6.338,23	7.222,20
B**803131800	M18	2.5	125	22	14	11	9.219,70	10.252,02
B**803132000	M20	2.5	140	22	16	12	9.489,53	10.880,18

B** BM B20 TIN B10

URANÜS METAL DIŞI - Düz Kanallı Makina Kılavuzu

M

HSS-E | 60° | ISO2 8H | UNC | TIN | BM



~DIN-371 / DIN-376

Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	a (h12) mm	TL/Adet BM	TL/Adet 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	**3.292,48**	**3.526,20**
B**803300483	Nr: 10	24	70	14	6	4.9	**3.601,12**	**3.908,88**
B**803300549	Nr: 12	24	80	16	6	5.5	**3.424,56**	**3.753,68**
B**803300635	1/4''	20	80	16	7	5.5	**3.121,84**	**3.485,22**
B**803300794	5/16''	18	90	18	8	6.2	**3.552,87**	**3.915,96**
B**803300952	3/8''	16	100	20	10	8	**4.100,08**	**4.570,98**
B**803301111	7/16''	14	100	22	8	6.2	**4.756,42**	**5.285,93**
B**803301270	1/2''	13	110	25	9	7	**5.151,21**	**5.680,96**
B**803301429	9/16''	12	110	30	12	9	**6.971,59**	**7.714,17**
B**803301905	3/4''	10	125	32	14	11	**11.799,68**	**13.008,51**

B** BM B20 TIN B10

URANÜS METAL DIŞI - Helis Kanallı Makina Kılavuzu

M

HSS-E | 60° | ISO2 8H | UNC | R45° | TIN | BM



~DIN-371 / DIN-376

Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	a (h12) mm	TL/Adet BM	TL/Adet 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	**3.976,13**	**4.189,17**
B**803400483	Nr: 10	24	70	8	6	4.9	**4.320,81**	**4.629,08**
B**803400549	Nr: 12	24	80	12	6	5.5	**4.178,71**	**4.487,64**
B**803400635	1/4''	20	80	12	7	5.5	**3.749,59**	**4.113,12**
B**803400794	5/16''	18	90	12	8	6.2	**4.269,37**	**4.632,91**
B**803400952	3/8''	16	100	16	10	8	**4.916,80**	**5.388,70**
B**803401111	7/16''	14	100	18	8	6.2	**5.710,04**	**6.239,77**
B**803401270	1/2''	13	110	20	9	7	**6.173,44**	**6.703,16**
B**803401429	9/16''	12	110	24	12	9	**8.377,10**	**9.119,11**
B**803401905	3/4''	10	125	25	14	11	**14.176,23**	**15.385,26**

B** BM B20 TIN B10

URANÜS METAL DIŞI - Düz Kanallı Makina Kılavuzu

M

HSS-E | 60° | ISO2 8H | UNF | TIN | BM



~DIN-371 / DIN-376

Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	a (h12) mm	TL/Adet BM	TL/Adet 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	3.562,92	3.775,98
B**803350483	Nr: 10	32	70	14	3.5	4.9	3.925,57	4.233,45
B**803350549	Nr: 12	28	80	16	4	5.5	3.925,57	4.233,45
B**803350635	1/4''	28	80	16	4.5	5.5	3.568,38	3.931,90
B**803350794	5/16''	24	90	18	6	6.2	4.059,75	4.423,65
B**803350952	3/8''	24	100	20	7	8	4.671,48	5.143,56
B**803351111	7/16''	20	100	22	8	6.2	5.441,08	5.970,23
B**803351270	1/2''	20	110	25	9	7	5.883,65	6.413,46
B**803351429	9/16''	18	110	30	12	9	8.618,27	9.361,35
B**803351905	3/4''	16	125	32	14	11	14.498,17	15.707,34

B** BM B20 TIN B10

URANÜS METAL DIŞI - Helis Kanallı Makina Kılavuzu

M

HSS-E | 60° | ISO2 8H | UNF | R45° | TIN | BM



~DIN-371 / DIN-376

Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	a (h12) mm	TL/Adet BM	TL/Adet 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	**4.263,24**	**4.476,54**
B**803450483	Nr: 10	32	70	8	3.5	4.9	**4.710,51**	**5.018,13**
B**803450549	Nr: 12	28	80	12	4	5.5	**4.710,51**	**5.018,13**
B**803450635	1/4''	28	80	12	4.5	5.5	**4.276,80**	**4.640,12**
B**803450794	5/16''	24	90	12	6	6.2	**4.877,03**	**5.240,86**
B**803450952	3/8''	24	100	16	7	8	**5.610,90**	**6.081,46**
B**803451111	7/16''	20	100	18	8	6.2	**6.524,07**	**7.053,83**
B**803451270	1/2''	20	110	20	9	7	**7.059,66**	**7.589,47**
B**803451429	9/16''	18	110	24	11	9	**10.309,78**	**11.052,53**
B**803451905	3/4''	16	125	25	14	11	**17.397,59**	**18.606,88**

B** BM B20 TIN B10

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

C 2-3 | 60° | 6HX | Ti-Ni | PM | L15° | Star



PM

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	**3.401,55**
B13824010400	M 4	0.7	63	12	4.5	3.4	3.3	**3.536,28**
B13824010500	M 5	0.8	70	14	6	4.9	4.2	**3.603,07**
B13824010600	M 6	1	80	16	6	4.9	5	**4.047,96**
B13824010800	M 8	1.25	90	18	8	6.2	6.8	**4.601,98**
B13824011000	M10	1.5	100	20	10	8	8.5	**5.502,41**
B13824011200	M12	1.75	110	24	12	9	10.2	**6.573,16**

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	**7.062,29**
B13824111400	M14	2	110	26	11	9	12	**9.738,80**
B13824111600	M16	2	110	28	12	9	14	**10.917,65**
B13824111800	M18	2.5	125	30	14	11	15.5	**15.455,79**
B13824112000	M20	2.5	140	32	16	12	17.5	**16.451,29**

SATÜRN
M

ISI DİRENÇLİ Ti-Ni - TOOLOX
15° Helis Kanallı

C 2-3 | 60° | 6HX | | Ti-Ni | PM | R15° | | | Star



PM

DIN-371

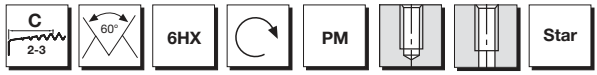
Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	a (h12) mm	Matkap Çapı	TL/Adet
B13824000300	M 3	0.5	56	10	3.5	2.7	2.5	**3.091,62**
B13824000400	M 4	0.7	63	12	4.5	3.4	3.3	**3.214,74**
B13824000500	M 5	0.8	70	14	6	4.9	4.2	**3.275,12**
B13824000600	M 6	1	80	16	6	4.9	5	**3.679,87**
B13824000800	M 8	1.25	90	18	8	6.2	6.8	**4.184,77**
B13824001000	M10	1.5	100	20	10	8	8.5	**5.002,62**
B13824001200	M12	1.75	110	24	12	9	10.2	**5.975,96**

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	**6.420,60**
B13824101400	M14	2	110	26	11	9	12	**8.853,32**
B13824101600	M16	2	110	28	12	9	14	**9.924,79**
B13824101800	M18	2.5	125	30	14	11	15.5	**14.050,12**
B13824102000	M20	2.5	140	32	16	12	17.5	**14.956,87**

MERKÜR - 50/55 HRc Düz Kanallı

M





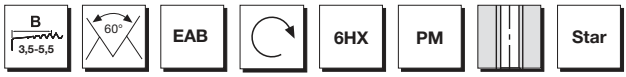
PM

DIN-371

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	**3.528,65**
B13824500800	M 8	1.25	90	12	8	6.2	6.9	**4.015,68**
B13824501000	M10	1.5	100	14	10	8	8.6	**4.809,34**
B13824501200	M12	1.75	110	16	12	9	10.3	**5.743,77**

JUPİTER H SPEED- Eğik Ağız Bilemeli

M





PM

DIN-371

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	**2.749,60**
B13825010400	M 4	0.7	63	12	4.5	3.4	3.3	**2.868,23**
B13825010500	M 5	0.8	70	14	6	4.9	4.2	**2.928,63**
B13825010600	M 6	1	80	16	6	4.9	5	**3.297,93**
B13825010800	M 8	1.25	90	18	8	6.2	6.8	**3.755,33**
B13825011000	M10	1.5	100	20	10	8	8.5	**4.502,12**
B13825011200	M12	1.75	110	24	12	9	10.2	**5.371,23**

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	**5.768,73**
B13825111400	M14	2	110	26	11	9	12	**7.948,58**
B13825111600	M16	2	110	28	12	9	14	**8.893,24**
B13825111800	M18	2.5	125	30	14	11	15.5	**12.545,65**
B13825112000	M20	2.5	140	32	16	12	17.5	**13.436,11**

JUPİTER H SPEED - Düz Kanallı

M





PM

DIN-371

Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	a (h12) mm	Matkap Çapı	TL/Adet
B13825000300	M 3	0.5	56	10	3.5	2.7	2.5	**2.675,92**
B13825000400	M 4	0.7	63	12	4.5	3.4	3.3	**2.791,09**
B13825000500	M 5	0.8	70	14	6	4.9	4.2	**2.852,30**
B13825000600	M 6	1	80	16	6	4.9	5	**3.214,74**
B13825000800	M 8	1.25	90	18	8	6.2	6.8	**3.662,05**
B13825001000	M10	1.5	100	20	10	8	8.5	**4.391,28**
B13825001200	M12	1.75	110	24	12	9	10.2	**5.237,44**

DIN-376

Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	a (h12) mm	Matkap Çapı	TL/Adet
B13825101200	M12	1.75	110	24	9	7	10.2	**5.623,61**
B13825101400	M14	2	110	26	11	9	12	**7.748,18**
B13825101600	M16	2	110	28	12	9	14	**8.666,29**
B13825101800	M18	2.5	125	30	14	11	15.5	**12.215,27**
B13825102000	M20	2.5	140	32	16	12	17.5	**13.096,02**

JUPİTER H SPEED - 15° Helis Kanallı

M

C 2-3 | 60° | 6HX | | PM | R15° | | | Star



PM

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	**2.979,13**
B13825020400	M 4	0.7	63	12	4.5	3.4	3.3	**3.098,46**
B13825020500	M 5	0.8	70	14	6	4.9	4.2	**3.159,29**
B13825020600	M 6	1	80	16	6	4.9	5	**3.553,69**
B13825020800	M 8	1.25	90	18	8	6.2	6.8	**4.041,96**
B13825021000	M10	1.5	100	20	10	8	8.5	**4.834,78**
B13825021200	M12	1.75	110	24	12	9	10.2	**5.772,49**

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	**6.199,58**
B13825121400	M14	2	110	26	11	9	12	**8.550,46**
B13825121600	M16	2	110	28	12	9	14	**9.581,09**
B13825121800	M18	2.5	125	30	14	11	15.5	**13.550,51**
B13825122000	M20	2.5	140	32	16	12	17.5	**14.441,53**

GALAKSİ OVALAMA - Yağ Kanallı





DIN-371

Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	a (h12) mm	Matkap Çapı	TL/Adet
B10805500300	M 3	0.5	56	10	3.5	2.7	2.8	**4.797,79**
B10805500400	M 4	0.7	63	12	4.5	3.4	3.7	**4.883,02**
B10805500500	M 5	0.8	70	14	6	4.9	4.65	**5.190,87**
B10805500600	M 6	1	80	16	6	4.9	5.6	**5.326,89**
B10805500800	M 8	1.25	90	18	8	6.2	7.45	**6.087,51**
B10805501000	M10	1.5	100	20	10	8	9.35	**7.443,37**
B10805501200	M12	1.75	110	24	12	9	11.25	**9.433,91**

DIN-376

Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	a (h12) mm	Matkap Çapı	TL/Adet
B10805601200	M12	1.75	110	18	9	7	11.25	**11.185,32**
B10805601400	M14	2	110	26	11	9	13	**15.660,93**
B10805601600	M16	2	110	27	12	9	15	**14.633,19**
B10805601800	M18	2.5	125	32	14	11	16.8	**22.184,67**
B10805602000	M20	2.5	140	32	16	12	18.8	**25.564,10**

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	**5.548,70**
B13825510400	M 4	0.7	63	12	4.5	3.4	3.7	**5.655,12**
B13825510500	M 5	0.8	70	14	6	4.9	4.65	**6.018,18**
B13825510600	M 6	1	80	16	6	4.9	5.6	**6.212,84**
B13825510800	M 8	1.25	90	18	8	6.2	7.45	**7.106,07**
B13825511000	M10	1.5	100	20	10	8	9.35	**8.698,05**
B13825511200	M12	1.75	110	24	12	9	11.25	**10.997,84**

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	**12.999,04**
B13825611400	M14	2	110	26	11	9	13	**18.200,60**
B13825611600	M16	2	110	27	12	9	15	**17.042,81**
B13825611800	M18	2.5	125	32	14	11	16.8	**25.720,83**
B13825612000	M20	2.5	140	32	16	12	18.8	**29.713,28**

TIN "10" TICN "11" STAR "13"

GALAKSİ OVALAMA - Yağ Kanalsız





DIN-371

Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	a (h12) mm	Matkap Çapı	TL/Adet
B10805510300	M 3	0.5	56	10	3.5	2.7	2.8	**4.578,17**
B10805510400	M 4	0.7	63	12	4.5	3.4	3.7	**4.660,30**
B10805510500	M 5	0.8	70	14	6	4.9	4.65	**4.955,32**
B10805510600	M 6	1	80	16	6	4.9	5.6	**5.090,26**
B10805510800	M 8	1.25	90	18	8	6.2	7.45	**5.817,49**
B10805511000	M10	1.5	100	20	10	8	9.35	**7.114,14**
B10805511200	M12	1.75	110	24	12	9	11.25	**9.013,66**

DIN-376

Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	a (h12) mm	Matkap Çapı	TL/Adet
B10805611200	M12	1.75	110	18	9	7	11.25	**10.680,77**
B10805611400	M14	2	110	26	11	9	13	**14.955,53**
B10805611600	M16	2	110	27	12	9	15	**13.978,64**
B10805611800	M18	2.5	125	32	14	11	16.8	**21.177,79**
B10805612000	M20	2.5	140	32	16	12	18.8	**24.412,59**

TIN "10" TICN "11" STAR "13"

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	**5.811,83**
B13825500400	M 4	0.7	63	12	4.5	3.4	3.7	**5.921,68**
B13825500500	M 5	0.8	70	14	6	4.9	4.65	**6.301,51**
B13825500600	M 6	1	80	16	6	4.9	5.6	**6.497,29**
B13825500800	M 8	1.25	90	18	8	6.2	7.45	**7.430,13**
B13825501000	M10	1.5	100	20	10	8	9.35	**9.092,89**
B13825501200	M12	1.75	110	24	12	9	11.25	**11.502,02**

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	**13.602,26**
B13825601400	M14	2	110	26	11	9	13	**19.045,53**
B13825601600	M16	2	110	27	12	9	15	**17.828,21**
B13825601800	M18	2.5	125	32	14	11	16.8	**26.930,13**
B13825602000	M20	2.5	140	32	16	12	18.8	**31.095,39**

TIN "10" TICN "11" STAR "13"



PAFTALAR - VİDA TARAĞI

MAKİNA TAKIM ENDÜSTRİSİ A.Ş.

Metrik Normal Vidalı Pafta Lokması

HSS | DIN EN 22 568 | TS 3600/1 | M | 60° | 6g



Ürün kodu	d1 mm	P adım	d2 (f9) mm	h1 mm	TL/Adet
B00110020200	M2	0,4	16	5	**2.750,37**
B00110020250	M2,5	0,45	16	5	**2.683,44**
B00110020300	M3	0,5	20	5	**2.047,57**
B00110020350	M3,5	0,6	20	5	**2.394,99**
B00110020400	M4	0,7	20	5	**2.047,57**
B00110020500	M5	0,8	20	7	**1.877,92**
B00110020600	M6	1	20	7	**1.877,92**
B00110020700	M7	1	25	9	**2.620,00**
B00110020800	M8	1,25	25	9	**2.201,98**
B00110020900	M9	1,25	25	9	**2.856,11**
B00110021000	M10	1,5	30	11	**2.694,44**
B00110021200	M12	1,75	38	14	**3.432,74**
B00110021400	M14	2	38	14	**3.952,73**
B00110021600	M16	2	45	18	**5.580,92**
B00110021800	M18	2,5	45	18	**5.630,51**
B00110022000	M20	2,5	45	18	**5.630,51**
B00110022200	M22	2,5	55	22	**8.299,78**
B00110022400	M24	3	55	22	**8.299,78**
B00110022700	M27	3	65	25	**12.871,19**
B00110023000	M30	3,5	65	25	**13.540,30**
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

HSS | DIN EN 22 568 | TS 3600/2 | MF | 60° | 6g



Ürün kodu	d1 mm	P adım	d2 (f9) mm	h1 mm	TL/Adet
B00110030604	M 6	0,75	20	7	**2.900,12**
B00110030805	M 8	1	25	9	**3.063,51**
B00110031005	M 10	1	30	11	**3.907,33**
B00110031000	M 10	1,25	30	11	**3.963,37**
B00110031205	M 12	1	38	10	**4.677,63**
B00110031200	M 12	1,25	38	10	**5.315,39**
B00110031206	M 12	1,5	38	10	**4.594,54**
B00110031405	M 14	1	38	10	**4.994,38**
B00110031400	M 14	1,25	38	10	**5.367,58**
B00110031406	M 14	1,5	38	10	**5.131,17**
B00110031605	M 16	1	45	14	**7.215,36**
B00110031606	M 16	1,5	45	14	**7.458,26**
B00110031806	M 18	1,5	45	14	**7.598,18**
B00110032006	M 20	1,5	45	14	**7.667,71**
B00110032206	M 22	1,5	55	16	**10.212,84**
B00110032406	M 24	1,5	55	16	**10.386,47**
B00110033006	M 30	1,5	65	18	**15.753,46**

Siparişlerinize Termin Verilecektir.

Whitworth Normal Vidalı Pafta Lokması

HSS | DIN EN 22 568 | BSW | 55°



Ürün kodu	d1 **BSW**	P adım G/Inch	d2 (f9) mm	h1 mm	TL/Adet
B00110040317	W 1/8"	40	20	5	**2.935,53**
B00110040397	W 5/32"	32	20	7	**2.872,61**
B00110040476	W 3/16"	24	20	7	**2.983,78**
B00110040635	W 1/4"	20	20	7	**2.935,53**
B00110040794	W 5/16"	18	25	9	**3.112,74**
B00110040952	W 3/8"	16	30	11	**3.705,11**
B00110041111	W 7/16"	14	30	11	**4.071,25**
B00110041270	W 1/2"	12	38	14	**4.642,73**
B00110041429	W 9/16"	12	38	14	**5.378,16**
B00110041587	W 5/8"	11	45	18	**6.277,25**
B00110041905	W 3/4"	10	45	18	**7.528,53**
B00110042222	W 7/8"	9	55	22	**10.873,91**
B00110042540	W 1"	8	55	22	**11.571,25**

Siparişlerinize Termin Verilecektir.

Whitworth Boru Vidalı Pafta Lokması

HSS | DIN EN 24 231 | TS 3600/3 | BSP | 55°



Ürün kodu	d1 **BSP**	P adım G/Inch	d2 (f9) mm	h1 mm	TL/Adet
B00110080973	G 1/8"	28	30	11	**4.702,17**
B00110081316	G 1/4"	19	38	10	**4.902,48**
B00110081666	G 3/8"	19	45	14	**6.907,73**
B00110082095	G 1/2"	14	45	14	**6.907,73**
B00110082644	G 3/4"	14	55	16	**11.148,67**
B00110083325	G 1"	11	65	18	**14.665,64**

USA Normal Vidalı Pafta Lokması - UNC

HSS | DIN EN 22 568 | UNC | 60° | 2A



Ürün kodu	d1 **UNC**	P adım G/Inch	d2 (f9) mm	h1 mm	TL/Adet
B00110060635	1/4"	20	20	7	**3.018,55**
B00110060794	5/16"	18	25	9	**3.210,09**
B00110060952	3/8"	16	30	11	**4.046,96**
B00110061111	7/16"	14	30	11	**4.046,96**
B00110061270	1/2"	13	38	14	**4.544,88**
B00110061429	9/16"	12	38	14	**5.193,99**
B00110061587	5/8"	11	45	18	**6.322,85**
B00110061905	3/4"	10	45	18	**7.110,14**
B00110062222	7/8"	9	55	22	**10.595,40**
B00110062540	1"	8	55	22	**11.258,32**

Siparişlerinize Termin Verilecektir.

USA İnce Vidalı Pafta Lokması - UNF

HSS | DIN EN 22 568 | UNF | 60° | 2B



Ürün kodu	d1 **UNF**	P adım G/Inch	d2 (f9) mm	h1 mm	TL/Adet
B00110070635	1/4"	28	20	7	**3.175,55**
B00110070794	5/16"	24	25	9	**3.374,33**
B00110070952	3/8"	24	30	11	**4.259,76**
B00110071111	7/16"	20	30	11	**4.259,76**
B00110071270	1/2"	20	38	10	**4.761,45**
B00110071429	9/16"	18	38	10	**5.444,68**
B00110071587	5/8"	18	45	14	**6.636,58**
B00110071905	3/4"	16	45	14	**7.458,26**
B00110072222	7/8"	14	55	16	**11.118,51**
B00110072540	1"	12	55	16	**11.815,86**

Siparişlerinize Termin Verilecektir.

NPT 1/16 Konik Vidalı Pafta Lokması

HSS | MTE | NPT | 60°



Ürün kodu	d1 **NPT**	P adım G/Inch	d2 (f9) mm	h1 mm	TL/Adet
B00110090136	1/8"	27	30	11	**7.807,42**
B00110090137	1/4"	18	38	14	**8.783,08**
B00110090138	3/8"	18	45	18	**11.361,90**
B00110090139	1/2"	14	45	18	**17.531,33**
B00110090140	3/4"	14	55	22	**17.531,33**
B00110090141	1"	11 1/2	65	25	**23.560,61**



RAYBALAR

MAKİNA TAKIM ENDÜSTRİSİ A.Ş.

Silindirik Saplı El Raybası

HSS | DIN 206/B | TS 78/3 | H7 | L8°



Ürün kodu	d1 mm	L1 mm	L2 mm	k mm	TL/Adet
B00301010200	2,0	50	25	1,60	**2.553,74**
B00301010250	2,5	58	29	2,10	**2.584,80**
B00301010300	3,0	62	31	2,24	**2.587,42**
B00301010350	3,5	71	35	2,70	**2.637,86**
B00301010400	4,0	76	38	3,15	**2.498,02**
B00301010450	4,5	81	41	3,55	**2.955,37**
B00301010500	5,0	87	44	4,00	**2.884,02**
B00301010550	5,5	93	47	4,50	**3.064,25**
B00301010600	6,0	93	47	4,50	**2.765,57**
B00301010650	6,5	100	50	5,00	**3.064,25**
B00301010700	7,0	107	54	5,60	**3.036,75**
B00301010750	7,5	107	54	5,60	**3.195,39**
B00301010800	8,0	115	58	6,30	**3.154,63**
B00301010850	8,5	115	58	6,30	**3.490,79**
B00301010900	9,0	124	62	7,10	**3.531,94**
B00301010950	9,5	124	62	7,10	**3.531,94**
B00301011000	10,0	133	66	8,00	**3.531,94**
B00301011050	10,5	133	66	8,00	**4.079,43**
B00301011100	11,0	142	71	9,00	**4.008,05**
B00301011150	11,5	142	71	9,00	**4.313,43**
B00301011200	12,0	152	76	10,00	**4.232,00**
B00301011250	12,5	152	76	10,00	**6.184,21**
B00301011300	13,0	152	76	10,00	**6.539,11**
B00301011350	13,5	163	81	11,20	**7.379,90**
B00301011400	14,0	163	81	11,20	**7.193,39**
B00301011450	14,5	163	81	11,20	**7.722,82**
B00301011500	15,0	163	81	11,20	**7.660,61**
B00301011550	15,5	175	87	12,50	**8.402,28**
B00301011600	16,0	175	87	12,50	**8.003,23**
B00301011650	16,5	175	87	12,50	**8.563,45**
B00301011700	17,0	175	87	12,50	**8.345,52**
B00301011750	17,5	188	93	14,00	**8.971,71**
B00301011800	18,0	188	93	14,00	**9.249,25**
B00301011850	18,5	188	93	14,00	**10.581,67**
B00301011900	19,0	188	93	14,00	**10.077,87**
B00301011950	19,5	201	100	16,00	**10.783,99**
B00301012000	20,0	201	100	16,00	**9.716,06**

Siparişlerinize Termin Verilecektir.

Devamı sayfa 151'dedir

İSTEK HALİNDE FORM A (DÜZ KANALLI), TiN 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	**11.516,83**
B00301012300	23,0	215	107	18,00	*
B00301012400	24,0	231	115	20,00	**13.135,12**
B00301012500	25,0	231	115	20,00	*
B00301012600	26,0	231	115	20,00	**14.499,63**
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

HSS | DIN 212/D | TS 78/4 | H7 | L8°



Ürün kodu	d1 mm	d2 (h9) mm	L1 mm	L2 mm	TL/Adet
B00303010200	2	2	49	11	2.250,53
B00303010250	2.5	2.5	57	14	2.250,53
B00303010300	3	3	61	15	2.151,80
B00303010350	3.5	3.5	70	18	2.220,82
B00303010400	4	4	75	19	2.360,62
B00303010450	4.5	4.5	80	21	2.527,56
B00303010500	5	5	86	23	2.438,15
B00303010550	5.5	5.6	93	26	2.912,62
B00303010600	6	5.6	93	26	2.590,54
B00303010650	6.5	6.3	101	28	3.062,22
B00303010700	7	7.1	109	31	3.110,22
B00303010750	7.5	7.1	109	31	3.199,51
B00303010800	8	8	117	33	3.202,65
B00303010850	8.5	8	117	33	3.369,72
B00303010900	9	9	125	36	3.369,72
B00303010950	9.5	9	125	36	3.826,05
B00303011000	10	10	133	38	3.754,49
B00303011050	10.5	10	133	38	4.133,75
B00303011100	11	10	142	41	4.891,35
B00303011150	11.5	10	142	41	5.207,72
B00303011200	12	10	151	44	5.527,04
B00303011250	12.5	10	151	44	5.927,47
B00303011300	13	10	151	44	6.416,56
B00303011350	13.5	12.5	160	47	6.774,35
B00303011400	14	12.5	160	47	6.714,93
B00303011450	14.5	12.5	162	50	6.923,66
B00303011500	15	12.5	162	50	6.923,66
B00303011550	15.5	12.5	170	52	7.252,24
B00303011600	16	12.5	170	52	7.162,17
B00303011650	16.5	14	175	54	7.699,22
B00303011700	17	14	175	54	8.027,91
B00303011750	17.5	14	182	56	8.833,95
B00303011800	18	14	182	56	8.744,13
B00303011850	18.5	16	189	58	9.340,77
B00303011900	19	16	189	58	9.877,86
B00303012000	20	16	195	60	9.818,71
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

HSS-E | DIN 212/D | TS 78/4 | H7 | L8°



Ürün kodu	d1 mm	d2 (h9) mm	L1 mm	L2 mm	TL/Adet
B00353010200	2	2	49	11	**2.899,72**
B00353010250	2,5	2,5	57	14	**2.899,72**
B00353010300	3	3	61	15	**2.773,16**
B00353010350	3,5	3,5	70	18	**2.804,99**
B00353010400	4	4	75	19	**3.042,76**
B00353010450	4,5	4,5	80	21	**3.193,90**
B00353010500	5	5	86	23	**3.142,83**
B00353010550	5,5	5,6	93	26	**3.680,03**
B00353010600	6	5,6	93	26	**3.338,57**
B00353010650	6,5	6,3	101	28	**3.868,58**
B00353010700	7	7,1	109	31	**3.929,19**
B00353010750	7,5	7,1	109	31	**4.042,24**
B00353010800	8	8	117	33	**4.127,36**
B00353010850	8,5	8	117	33	**4.257,38**
B00353010900	9	9	125	36	**4.257,38**
B00353010950	9,5	9	125	36	**4.834,21**
B00353011000	10	10	133	38	**4.838,51**
B00353011050	10,5	10	133	38	**5.222,37**
B00353011100	11	10	142	41	**6.180,31**
B00353011150	11,5	10	142	41	**6.579,76**
B00353011200	12	10	151	44	**7.123,50**
B00353011250	12,5	10	151	44	**7.488,21**
B00353011300	13	10	151	44	**8.106,50**
B00353011350	13,5	12,5	160	47	**8.559,53**
B00353011400	14	12,5	160	47	**8.653,79**
B00353011450	14,5	12,5	162	50	**8.747,24**
B00353011500	15	12,5	162	50	**8.747,24**
B00353011550	15,5	12,5	170	52	**9.162,82**
B00353011600	16	12,5	170	52	**9.230,22**
B00353011650	16,5	14	175	54	**9.727,85**
B00353011700	17	14	175	54	**10.142,59**
B00353011750	17,5	14	182	56	**11.160,73**
B00353011800	18	14	182	56	**11.268,51**
B00353011850	18,5	16	189	58	**11.801,74**
B00353011900	19	16	189	58	**12.480,15**
B00353012000	20	16	195	60	**12.653,39**
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

HSS | DIN 208/B | TS 78/6 | H7 | L8°



Ürün kodu	d1 mm	L1 mm	L2 mm	Mors Konik No	TL/Adet
B00302010800	8	156	33	1	5.552,09
B00302011000	10	168	38	1	5.552,09
B00302011100	11	175	41	1	6.173,32
B00302011200	12	182	44	1	6.051,45
B00302011300	13	182	44	1	6.628,22
B00302011400	14	189	47	1	6.720,16
B00302011500	15	204	50	2	8.179,30
B00302011600	16	210	52	2	8.270,57
B00302011700	17	214	54	2	8.908,71
B00302011800	18	219	56	2	9.274,39
B00302011900	19	223	58	2	9.821,67
B00302012000	20	228	60	2	9.821,67
B00302012100	21	232	62	2	*
B00302012200	22	237	64	2	11.067,38
B00302012300	23	241	66	2	*
B00302012400	24	268	68	3	12.891,74
B00302012500	25	268	68	3	13.438,99
B00302012600	26	273	70	3	*
B00302012700	27	277	71	3	*
B00302012800	28	277	71	3	15.780,38
B00302012900	29	281	73	3	*
B00302013000	30	281	73	3	16.328,11
B00302013200	32	317	77	4	21.344,95
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

HSS | DIN 9/B | TS 78/1 | H7 | L8°



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	**3.141,10**
B00300010350	3,5	3,4	4,66	87	63	5	3,40	*
B00300010400	4,0	3,9	5,26	93	68	5	3,80	**3.368,98**
B00300010450	4,5	4,4	5,80	97	70	5	4,30	*
B00300010500	5,0	4,9	6,36	100	73	5	4,90	**3.657,61**
B00300010550	5,5	5,4	7,18	118	89	5	6,20	*
B00300010600	6,0	5,9	8,00	135	105	5	6,20	**4.327,11**
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	**6.689,15**
B00300011000	10,0	9,9	13,40	215	175	5	10,00	**9.486,46**
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

MAKİNA TAKIM ENDÜSTRİSİ A.Ş.

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
B00276180200	2,0	6	51	7	3	1.717,98
B00276180250	2,5	6	52	8	3	1.827,84
B00276180300	3,0	6	52	8	3	1.231,45
B00276180350	3,5	6	54	10	3	1.400,15
B00276180400	4,0	6	55	11	4	1.231,45
B00276180450	4,5	6	55	11	4	1.527,52
B00276180500	5,0	6	57	13	4	1.231,45
B00276180550	5,5	6	57	13	4	1.603,26
B00276180600	6,0	6	57	13	4	1.252,43
B00276180650	6,5	10	66	16	4	1.827,84
B00276180700	7,0	10	66	16	4	1.616,59
B00276180750	7,5	10	66	16	4	1.918,87
B00276180800	8,0	10	69	19	4	1.616,59
B00276180850	8,5	10	69	19	4	2.178,33
B00276180900	9,0	10	69	19	4	1.924,11
B00276180950	9,5	10	69	19	4	2.272,74
B00276181000	10,0	10	72	22	4	1.798,24
B00276181050	10,5	12	79	22	4	2.743,14
B00276181100	11,0	12	79	22	4	2.390,28
B00276181150	11,5	12	79	22	4	3.007,42
B00276181200	12,0	12	83	26	4	2.295,53
B00276181250	12,5	12	83	26	4	3.231,14
B00276181300	13,0	12	83	26	4	2.959,72
B00276181400	14,0	12	83	26	4	3.134,97
B00276181500	15,0	12	83	26	4	3.638,67
B00276181600	16,0	16	92	32	4	3.638,67
B00276181700	17,0	16	92	32	4	4.544,51
B00276181800	18,0	16	92	32	4	4.295,79
B00276181900	19,0	16	92	32	4	5.559,42
B00276182000	20,0	20	104	38	4	5.391,33
B00257182100	21,0	20	104	38	5	7.101,73
B00257182200	22,0	20	104	38	5	7.136,57
B00257182300	23,0	20	104	38	5	9.480,44
B00257182400	24,0	25	121	45	5	9.480,44
B00257182500	25,0	25	121	45	5	9.480,44

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	**11.579,75**
B00257182700	27,0	25	121	45	5	**12.139,31**
B00257182800	28,0	25	121	45	5	**12.139,31**
B00257182900	29,0	25	121	45	5	**13.153,48**
B00257183000	30,0	25	121	45	5	**12.874,12**
B00257183200	32,0	32	133	53	6	**14.062,70**
B00257183300	33,0	32	133	53	6	**14.905,80**
B00257183400	34,0	32	133	53	6	**15.445,17**
B00257183500	35,0	32	133	53	6	**16.388,59**
B00257183600	36,0	32	133	53	6	**17.165,04**
B00257183800	38,0	40	155	63	6	**18.319,07**
B00257184000	40,0	40	155	63	6	**19.491,21**

Siparişlerinize Termin Verilecektir.

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

Silindirik Saplı Parmak Freze - Uzun 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
B00276220200	2	6	54	10	3	2.232,36
B00276220250	2.5	6	56	12	3	2.291,44
B00276220300	3	6	56	12	3	1.595,81
B00276220400	4	6	63	19	4	1.595,81
B00276220500	5	6	68	24	4	1.595,81
B00276220600	6	6	68	24	4	1.626,89
B00276220700	7	10	80	30	4	2.095,94
B00276220800	8	10	88	38	4	2.088,11
B00276220900	9	10	88	38	4	2.502,05
B00276221000	10	10	95	45	4	2.340,82
B00276221100	11	12	102	45	4	3.102,87
B00276221200	12	12	110	53	4	2.984,12
B00276221300	13	12	110	53	4	3.719,13
B00276221400	14	12	110	53	4	3.977,70
B00276221500	15	12	110	53	4	4.726,15
B00276221600	16	16	123	63	4	4.726,15
B00276221700	17	16	123	63	4	5.907,54
B00276221800	18	16	123	63	4	5.576,35
B00276221900	19	16	123	63	4	7.222,16
B00276222000	20	20	141	75	4	7.032,39
B00257222200	22	20	141	75	5	9.270,74
B00257222400	24	25	166	90	5	12.314,12
B00257222500	25	25	166	90	5	12.314,12
B00257222600	26	25	166	90	5	15.043,51
B00257222800	28	25	166	90	5	15.778,08
B00257223000	30	25	166	90	5	16.721,36
B00257223200	32	32	186	106	6	18.960,61
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	3.010,50
B00277331000	10,0	10	72	22	4	3.371,94
B00277331200	12,0	12	83	26	4	4.303,64
B00277331400	14,0	12	83	26	4	5.735,81
B00277331600	16,0	16	92	32	4	6.816,11
B00277331800	18,0	16	92	32	4	8.083,67
B00277332000	20,0	20	104	38	4	10.095,12
B00273332200	22,0	20	104	38	5	13.342,52
B00273332400	24,0	25	121	45	5	17.719,11
B00273332500	25,0	25	121	45	5	17.719,11
B00273332600	26,0	25	121	45	5	21.673,66
B00273332800	28,0	25	121	45	5	22.731,63
B00273333000	30,0	25	121	45	5	24.108,37
B00273333200	32,0	32	133	53	6	27.321,04

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	3.915,12
B00277391000	10	10	95	45	4	4.376,59
B00277391200	12	12	110	53	4	5.591,06
B00277391400	14	12	110	53	4	7.483,44
B00277391600	16	16	123	63	4	8.894,99
B00277391800	18	16	123	63	4	10.484,22
B00277392000	20	20	141	75	4	13.130,55
B00273392200	22	20	141	75	5	17.331,61
B00273392400	24	25	166	90	5	23.049,71
B00273392500	25	25	166	90	5	23.049,71
B00273392600	26	25	166	90	5	28.167,88
B00273392800	28	25	166	90	5	29.579,02
B00273393000	30	25	166	90	5	31.344,63
B00273393200	32	32	186	106	6	35.509,17

Siparişlerinize Termin Verilecektir.

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

Silindirik Saplı Delik Freze

HSS-E (%8 Co) | DIN 327/D | TS 303/24 | N | e8



Ürün kodu	d1 mm	d2 mm	L1 mm	L2 mm	z kanal sayısı	TL/Adet
B00278140200	2	6	48	4	2	**1.560,31**
B00278140250	2.5	6	49	5	2	**1.560,31**
B00278140300	3	6	49	5	2	**1.560,31**
B00278140400	4	6	51	7	2	**1.500,62**
B00278140500	5	6	52	8	2	**1.500,62**
B00278140600	6	6	52	8	2	**1.500,62**
B00278140700	7	10	60	10	2	**1.801,01**
B00278140800	8	10	61	11	2	**1.801,01**
B00278140900	9	10	61	11	2	**2.151,59**
B00278141000	10	10	63	13	2	**2.151,59**
B00278141100	11	12	70	13	2	**2.816,35**
B00278141200	12	12	73	16	2	**2.816,35**
B00278141300	13	12	73	16	2	**3.575,07**
B00278141400	14	12	73	16	2	**3.451,30**
B00278141500	15	12	73	16	2	**4.048,41**
B00278141600	16	16	79	19	2	**4.048,41**
B00278141700	17	16	79	19	2	**4.901,09**
B00278141800	18	16	79	19	2	**4.901,09**
B00278141900	19	16	79	19	2	**5.954,12**
B00278142000	20	20	88	22	2	**5.776,31**

Siparişlerinize Termin Verilecektir.

İSTEK HALİNDE KAPLAMALI OLARAK ÜRETİLEBİLİR.

Silindirik Saplı Küresel Kalıpçı 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	**2.736,98**
B00272300800	8	10	69	19	4	**3.359,43**
B00272301000	10	10	72	22	5	**3.846,92**
B00272301200	12	12	83	26	6	**4.922,37**
B00272301400	14	12	83	26	7	**5.418,86**
B00272301600	16	16	92	32	8	**6.719,30**
B00272301800	18	16	92	32	9	**7.999,65**
B00272302000	20	20	104	38	10	**9.598,51**

İSTEK HALİNDE KAPLAMALI OLARAK ÜRETİLEBİLİR.

Silindirik Saplı Küresel Kalıpçı 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	**3.275,58**
B00272500800	8	10	88	38	4	**4.027,03**
B00272501000	10	10	95	45	5	**4.608,86**
B00272501200	12	12	110	53	6	**5.899,41**
B00272501400	14	12	110	53	7	**6.504,27**
B00272501600	16	16	123	63	8	**8.067,93**
B00272501800	18	16	123	63	9	**9.598,51**
B00272502000	20	20	141	75	10	**11.504,80**

Siparişlerinize Termin Verilecektir.

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

Silindirik Saplı Yarık Freze - Çapraz Dişli

HSS-E | DIN 850/D | TS 303/29



Ürün kodu	d1 mm	b (e8) mm	d2 mm	L mm	TL/Adet
B00261220600	13,5	3	10	56	**6.951,19**
B00261220700	13,5	4	10	56	**6.951,19**
B00261220800	16,5	3	10	56	**7.626,27**
B00261220900	16,5	4	10	56	**7.626,27**
B00261221000	16,5	5	10	56	**7.626,27**
B00261221100	19,5	4	10	63	**8.221,67**
B00261221200	19,5	5	10	63	**8.221,67**
B00261221300	19,5	6	10	63	**8.221,67**
B00261221400	22,5	5	10	63	**9.445,25**
B00261221500	22,5	6	10	63	**9.445,25**
B00261221600	22,5	8	10	63	**9.445,25**
B00261221700	25,5	6	10	63	**10.984,62**
B00261221800	28,5	6	10	63	**12.804,04**
B00261221900	28,5	8	10	63	**12.804,04**
B00261222000	28,5	10	12	71	**12.804,04**
B00261222300	32,5	8	12	71	**15.811,95**
B00261222400	32,5	10	12	71	**15.811,95**
B00261222600	45,5	10	12	71	*

* Siparişlerinize Termin, Min. Adet ve Fiyat Verilecektir.

Tek Ağızlı Alüminyum Freze

HSS-E (%8 Co) | MTE | h9



Ürün kodu	d1 mm	d2 (h8) mm	L1 mm	L2 mm	TL/Adet
B00276500300	3	8	60	12	**1.703,18**
B00276500400	4	8	60	12	**1.223,24**
B00276510400	4	8	100	23	**1.703,18**
B00276500500	5	8	60	14	**1.223,24**
B00276510500	5	8	100	23	**1.703,18**
B00276500600	6	8	60	14	**1.223,24**
B00276510600	6	8	100	25	**1.703,18**
B00276500800	8	8	80	14	**1.381,34**
B00276510800	8	8	120	25	**2.003,63**
B00276511000	10	10	120	25	**2.341,07**

Siparişlerinize Termin Verilecektir.

Tek Ağızlı Boyunlu Alüminyum Freze

HSS-E (%8 Co) | MTE | h9



Ürün kodu	d1 mm	d2 (h8) mm	L1 mm	L2 mm	TL/Adet
B00257520400	4	8	20x45	80	**1.570,31**
B00257520500	5	8	20x45	80	**1.570,31**
B00257520600	6	8	20x45	80	**1.570,31**



HAVŞA FREZELERİ

MAKİNA 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	**3.320,34**
B00319990647	Nr 2	5-20	8	71	**5.016,40**
B00319990648	Nr 3	16-30,5	9	76	**7.297,87**
B00319990649	Nr 4	24-40	10	89	**12.951,58**
B00319990650	Nr 8	5-31	9	103	**9.902,24**

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	**4.578,50**
B00314010120	Nr 1	4-20	75	8	9	**6.938,05**
B00314010230	Nr 2	4-30	100	10	14	**10.218,85**
B00314010539	Nr 5	4-39	107	10	13	**15.818,81**

İSTEK HALİNDE KAPLAMALI OLARAK ÜRETİLEBİLİR.

Silindirik Saplı Havşa Freze - 90°

HSS | DIN 335/A | TS 3751/10



Ürün kodu	d1 mm	d2 mm	d3 mm	L1 mm	L2 mm	TL/Adet
B00313100800	8,0	8	-	48	-	**1.634,08**
B00313101250	12,5	8	2,0	48	16	**2.375,83**
B00313101600	16,0	10	3,2	56	20	**3.116,78**
B00313102000	20,0	10	5,0	60	24	**4.445,61**
B00313102500	25,0	10	7,0	71	26	**5.627,40**
B00313103150	31,5	18	9,0	90	30	**9.842,16**

Siparişlerinize Termin Verilecektir.

İSTEK HALİNDE KAPLAMALI OLARAK ÜRETİLEBİLİR.

3 Ağızlı Silindirik Saplı Havşa Freze - 90°

HSS | DIN 335/C | TS 3751/10



Ürün kodu	d1 mm	d2 mm	d3 mm	L1 mm	L2 mm	TL/Adet
B00313120630	6,3	5,0	1,5	45	5.0	**1.637,26**
B00313120830	8,3	6,0	2,0	50	6.0	**1.800,43**
B00313121040	10,4	6,0	2,5	50	7.1	**2.215,12**
B00313121240	12,4	8,0	2,8	56	8.0	**2.358,58**
B00313121650	16,5	10,0	3,2	60	10.0	**2.933,03**
B00313122050	20,5	10,0	3,5	63	12.5	**3.948,89**
B00313122500	25,0	10,0	3,8	67	15.0	**5.438,20**
B00313123150	31,5	18,0	4,2	71	18.0	**9.453,38**

İSTEK HALİNDE KAPLAMALI OLARAK ÜRETİLEBİLİR.

3 Ağızlı Silindirik Saplı Havşa Freze - 90°

HSS | DIN 335/C | TIN



Ürün kodu	d1 mm	d2 mm	d3 mm	L1 mm	L2 mm	TL/Adet
B10313120630	6,3	5,0	1,5	45	5.0	**1.883,15**
B10313120830	8,3	6,0	2,0	50	6.0	**2.070,37**
B10313121040	10,4	6,0	2,5	50	7.1	**2.547,68**
B10313121240	12,4	8,0	2,8	56	8.0	**2.712,78**
B10313121650	16,5	10,0	3,2	60	10.0	**3.372,53**
B10313122050	20,5	10,0	3,5	63	12.5	**4.619,91**
B10313122500	25,0	10,0	3,8	67	15.0	**6.525,87**
B10313123150	31.5	12,0	4,2	71	18.0	**11.344,59**

Silindirik Saplı Havşa Freze - 60°

HSS | DIN 334/A | TS 3751 /9



Ürün kodu	d1 mm	d2 mm	d3 mm	L1 mm	L2 mm	TL/Adet
B00313000800	8,0	8	-	50	-	**1.920,35**
B00313001250	12,5	8	2,0	50	18	**2.779,44**
B00313001600	16,0	10	3,2	60	24	**3.662,78**
B00313002000	20,0	10	5,0	63	27	**5.220,56**
B00313002500	25,0	10	7,0	78	33	**6.584,20**

3 Ağızlı Silindirik Saplı Havşa Freze - 60°

HSS | DIN 334/C | TS 3751/9



Ürün kodu	d1 mm	d2 mm	d3 mm	L1 mm	L2 mm	TL/Adet
B00313020800	8,0	6	2,0	50	8,0	**1.876,33**
B00313021250	12,5	8	3,2	56	11,2	**2.685,65**
B00313021600	16,0	10	4,0	63	14,0	**3.704,96**
B00313022000	20,0	10	5,0	67	17,0	**4.792,63**
B00313022500	25,0	10	6,3	71	20,0	**6.313,86**

3 Ağızlı Silindirik Saplı Havşa Freze - 60°

HSS | DIN 334/C | TIN



Ürün kodu	d1 mm	d2 mm	d3 mm	L1 mm	L2 mm	TL/Adet
B10313020800	8,0	6	2,0	50	8,0	**2.158,09**
B10313021250	12,5	8	3,2	56	11,2	**3.088,69**
B10313021600	16,0	10	4,0	63	14,0	**4.260,91**
B10313022000	20,0	10	5,0	67	17,0	**5.608,86**
B10313022500	25,0	10	6,3	71	20,0	**7.577,67**



TORNA KALEMLERİ

MAKİNA TAKIM ENDÜSTRİSİ A.Ş.

Yuvarlak Kesitli Torna Kalemi

HSS-E (%10Co) | DIN 4964/A | TS 95/1



Ürün kodu	d1 mm	L mm	TL/Adet
B00420004080	4	80	915,82
B00420004100	4	100	993,35
B00420005080	5	80	1.007,32
B00420005100	5	100	1.007,32
B00420006080	6	80	1.052,73
B00420006100	6	100	1.052,73
B00420008080	8	80	1.354,14
B00420008100	8	100	1.354,14
B00420008125	8	125	1.517,59
B00420010080	10	80	1.618,39
B00420010100	10	100	1.618,39
B00420010125	10	125	1.982,98
B00420010160	10	160	2.339,37
B00420012100	12	100	2.442,48
B00420012125	12	125	3.144,02
B00420012160	12	160	3.841,45
B00420014100	14	100	3.485,43
B00420014125	14	125	4.178,80
B00420014160	14	160	4.929,71
B00420016125	16	125	5.576,35
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 Kalemi

HSS-E (%10Co) | DIN 4964/B | TS 95/1



Ürün kodu	b mm	b mm	L mm	TL/Adet
B00400404063	4	4	63	**625,06**
B00400404080	4	4	80	**708,79**
B00400404100	4	4	100	**761,96**
B00400505063	5	5	63	**788,67**
B00400505080	5	5	80	**879,09**
B00400505100	5	5	100	**943,10**
B00400606063	6	6	63	**723,57**
B00400606080	6	6	80	**778,35**
B00400606100	6	6	100	**882,67**
B00400606125	6	6	125	**1.002,58**
B00400606160	6	6	160	**1.204,58**
B00400808063	8	8	63	**1.255,32**
B00400808080	8	8	80	**1.255,32**
B00400808100	8	8	100	**1.475,81**
B00400808125	8	8	125	**1.668,66**
B00400808160	8	8	160	**1.981,28**
B00400808200	8	8	200	**2.837,08**
B00401010100	10	10	100	**2.045,97**
B00401010125	10	10	125	**2.303,61**
B00401010160	10	10	160	**2.855,61**
B00401010200	10	10	200	**3.627,72**
B00401212100	12	12	100	**2.506,02**
B00401212125	12	12	125	**2.951,93**
B00401212160	12	12	160	**3.655,58**
B00401212200	12	12	200	**4.464,09**
B00401414100	14	14	100	**3.521,71**
B00401414125	14	14	125	**4.142,56**
B00401414160	14	14	160	**4.280,46**
B00401414200	14	14	200	**5.333,45**
B00401616125	16	16	125	**4.399,80**
B00401616160	16	16	160	**5.476,64**
B00401616200	16	16	200	**6.818,10**
B00401818160	18	18	160	**9.520,99**
B00401818200	18	18	200	**11.714,46**
B00402020160	20	20	160	**8.367,85**
B00402020200	20	20	200	**10.298,81**
B00402525200	25	25	200	**19.218,16**

Siparişlerinize Termin Verilecektir.

Trapez Kesitli Torna Kalemi

HSS-E (%10Co) | DIN 4964/E | TS 95/1



Ürün kodu	b mm	h mm	L mm	Kenarların Oranı h:b	TL/Adet
B00411025125	2,5	10	125	4.0:1	**1.442,77**
B00411025160	2,5	10	160	4.0:1	**1.698,35**
B00411230100	3	12	100	4.0:1	**1.555,29**
B00411230125	3	12	125	4.0:1	**1.748,78**
B00411230160	3	12	160	4.0:1	**2.255,31**
B00411640125	4	16	125	4.0:1	**2.550,98**
B00411640160	4	16	160	4.0:1	**3.168,62**
B00412050160	5	20	160	4.0:1	**3.604,34**
B00412050200	5	20	200	4.0:1	**4.324,87**
B00412560100	6	25	100	4.0:1	**4.282,08**
B00412560160	6	25	160	4.0:1	**6.063,92**
B00412560200	6	25	200	4.0:1	**7.264,42**

Siparişlerinize Termin Verilecektir.

Trapez Kesitli Torna Kalemi

HSS-E (%10Co) | DIN 4964/E | TS 95/1



Ürün kodu	h Inch	b Inch	L Inch	TL/Adet
B00460000203	3/8"	3/32"	4"	**1.183,27**
B00460000207	1/2"	1/8"	6"	**2.212,45**
B00460000210	5/8"	5/32"	5"	**2.598,41**
B00460000211	5/8"	5/32"	6"	**3.205,84**
B00460000214	3/4"	3/16"	6"	**3.604,34**
B00460000217	7/8"	3/16"	6"	**5.270,13**
B00460000218	7/8"	3/16"	8"	**6.476,59**
B00460000220	1"	7/32"	6"	**6.063,92**
B00460000221	1"	7/32"	8"	**7.617,06**



TESTERELER

MAKİNA TAKIM ENDÜSTRİSİ A.Ş.

TESTERELER

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	**74,70**
B00650301258	300	25	0,8	18	**95,12**

(* 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	**1.064,09**
B00673030152	300	30	1,5	8	**1.064,09**
B00673530151	350	30	1,5	6	**1.272,64**
B00673530152	350	30	1,5	8	**1.272,64**
B00673530153	350	30	1,5	10	**1.272,64**
B00674035151	400	35	1,5	6	**1.557,65**
B00674035152	400	35	1,5	8	**1.557,65**
B00674035153	400	35	1,5	10	**1.557,65**
B00674040201	400	40	2	6	**2.146,08**
B00674040202	400	40	2	8	**2.146,08**
B00674535151	450	35	1,5	6	**1.773,59**
B00674535152	450	35	1,5	8	**1.773,59**
B00674535153	450	35	1,5	10	**1.773,59**
B00674540201	450	40	2	6	**2.427,18**
B00674540202	450	40	2	8	**2.427,18**
B00674540203	450	40	2	10	**2.427,18**
B00675040200	500	40	2	4	**2.691,40**
B00675040201	500	40	2	6	**2.691,40**
B00675040202	500	40	2	8	**2.691,40**
B00675040203	500	40	2	10	**2.691,40**
B00675050251	500	50	2,5	6	**3.866,19**
B00675550251	550	50	2,5	6	**4.516,54**
B00675550252	550	50	2,5	8	**4.516,54**
B00676050250	600	50	2,5	4	**4.718,85**
B00676050251	600	50	2,5	6	**4.718,85**
B00676050252	600	50	2,5	8	**4.718,85**
B00676550250	650	50	2,5	4	**5.968,89**
B00676550251	650	50	2,5	6	**5.968,89**
B00676550252	650	50	2,5	8	**5.968,89**
B00677050250	700	50	2,5	4	**7.398,47**
B00677050251	700	50	2,5	6	**7.398,47**
B00677050252	700	50	2,5	8	**7.398,47**



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