



TEKNOTEK

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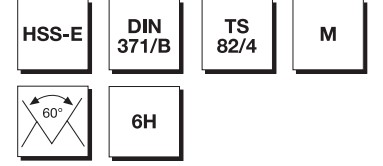
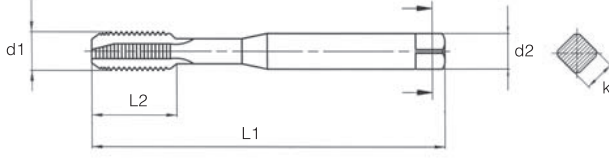
2017
FİYAT LİSTESİ

İÇİNDEKİLER

	SAYFA
METRİK NORMAL VİDALI EĞİK AĞIZ BİLEMELİ MAKİNA KILAVUZU	DIN 371/B 6H ----- 1
METRİK NORMAL VİDALI EĞİK AĞIZ BİLEMELİ TİN KAPLAMALI MAKİNA KILAVUZU	DIN 371/B 6H ----- 1
METRİK NORMAL VİDALI HELİS KANALLI MAKİNA KILAVUZU	DIN 371/C 6H ----- 2
METRİK NORMAL VİDALI HELİS KANALLI TİN KAPLAMALI MAKİNA KILAVUZU	DIN 371/C 6H ----- 2
METRİK NORMAL VİDALI DÜZ KANALLI MAKİNA KILAVUZU	DIN 376/C 6H ----- 3
METRİK NORMAL VİDALI DÜZ KANALLI TİN KAPLAMALI MAKİNA KILAVUZU	DIN 376/C 6H ----- 3
METRİK NORMAL VİDALI HELİS KANALLI MAKİNA KILAVUZU	DIN 376/C 6H ----- 4
METRİK NORMAL VİDALI HELİS KANALLI TİN KAPLAMALI MAKİNA KILAVUZU	DIN 376/C 6H ----- 4
METRİK NORMAL VİDALI EĞİK AĞIZ BİLEMELİ MAKİNA KILAVUZU	DIN 376/B 6H ----- 5
METRİK İNCE VİDALI DÜZ KANALLI MAKİNA KILAVUZU	DIN 374/C 6H ----- 6
METRİK İNCE VİDALI DÜZ KANALLI TİN KAPLAMALI MAKİNA KILAVUZU	DIN 374/C 6H ----- 7
METRİK İNCE VİDALI EĞİK AĞIZ BİLEMELİ MAKİNA KILAVUZU	DIN 374/B 6H ----- 8
METRİK İNCE VİDALI HELİS KANALLI MAKİNA KILAVUZU	DIN 374/C 6H ----- 8
METRİK İNCE VİDALI HELİS KANALLI MAKİNA KILAVUZU	DIN 374/C 6H ----- 9
METRİK İNCE VİDALI HELİS KANALLI TİN KAPLAMALI MAKİNA KILAVUZU	DIN 374/C 6H ----- 9
DİŞ ATLAMALI ALÜMİNYUM MAKİNA KILAVUZU	DIN 371/B 6H ----- 10
YAĞ KANALSIZ MAKİNA KILAVUZU TİN KAPLAMALI (OVALAMA KILAVUZU)	DIN 371/C 6HX ----- 10
İKİ AĞIZLI HELİS KANALLI ALÜMİNYUM MAKİNA KILAVUZU	DIN 371/C 6H ----- 11
USA NORMAL VİDALI DÜZ KANALLI MAKİNA KILAVUZU - UNC	DIN 2183/C 2B ----- 11
USA NORMAL VİDALI HELİS KANALLI MAKİNA KILAVUZU - UNC	DIN 2183/C 2B ----- 12
USA İNCE VİDALI DÜZ KANALLI MAKİNA KILAVUZU - UNF	DIN 2183/C 2B ----- 12
USA İNCE VİDALI HELİS KANALLI MAKİNA KILAVUZU - UNF	DIN 2183/C 2B ----- 13
WHITWORTH VİDALI DÜZ KANALLI MAKİNA KILAVUZU	DIN 2183/C ----- 13
WHITWORTH VİDALI HELİS KANALLI MAKİNA KILAVUZU	DIN 2183/C ----- 14
WHITWORTH BORU VİDALI EĞİK AĞIZ BİLEMELİ MAKİNA KILAVUZU	DIN 5156/B ----- 14
WHITWORTH BORU VİDALI DÜZ KANALLI MAKİNA KILAVUZU	DIN 5156/C ----- 15
WHITWORTH BORU VİDALI HELİS KANALLI MAKİNA KILAVUZU	DIN 5156/C ----- 15
MATKAP KILAVUZ - KOMBİNE TAKIM	----- 16
NPT KONİK BORU KILAVUZU	----- 16
METRİK NORMAL VİDALI SOMUN KILAVUZU	DIN 357/6H ----- 17
METRİK NORMAL VİDALI SOMUN KILAVUZU	----- 17
METRİK İNCE VİDALI SOMUN KILAVUZU	----- 18
KARBÜR KESİCİ TAKIMLAR	----- 19
DÜZ KARBÜR FREZE	----- 20
UZUN DÜZ KARBÜR FREZE	----- 21
DÜZ MİKRON KARBÜR FREZE	----- 21
KÜRE KARBÜR FREZE	----- 22
UZUN KÜRE KARBÜR FREZE	----- 23
KÜRE MİKRON KARBÜR FREZE	----- 23
KÖŞE RADÜS KARBÜR FREZE	----- 24
CHATTER FREE KARBÜR FREZE	----- 24
UZUN KÖŞE RADÜS KARBÜR FREZE	----- 25
İKİ AĞIZLI DÜZ ALÜMİNYUM KARBÜR FREZE	----- 26
UZUN İKİ AĞIZLI DÜZ ALÜMİNYUM KARBÜR FREZE	----- 26
KÜRE ALÜMİNYUM KARBÜR FREZE	----- 27
UZUN KÜRE ALÜMİNYUM KARBÜR FREZE	----- 27
ÜÇ AĞIZLI ALÜMİNYUM KARBÜR FREZE	----- 28
KABATALAŞ KARBÜR FREZE	----- 28
ÇOK (6) AĞIZLI KARBÜR FREZE	----- 28
KARBÜR RAYBA	----- 29
KARBÜR PUNTA MATKABI	----- 29
KARBÜR NC PUNTA MATKABI	----- 29
KÖŞE RADÜS DALMA BOY KARBÜR FREZE	----- 30
DÜZ DALMA BOY KARBÜR FREZE	----- 31
KÜRE DALMA BOY KARBÜR FREZE	----- 32
STANDART KARBÜR MATKAP UCU	----- 33
5XD KARBÜR MATKAP UCU	----- 34



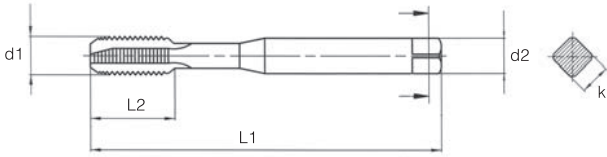
METRİK NORMAL VİDALI EĞİK AĞIZ BİLEMELİ MAKİNA KILAVUZU



Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	k (h12) mm	TL
M2,5	M2,5	0,45	50	9	2,8	2,1	45,10
M3	M3	0,5	56	10	3,5	2,7	30,60
M4	M4	0,7	63	12	4,5	3,4	31,65
M5	M5	0,8	70	14	6,0	4,9	31,65
M6	M6	1	80	16	6,0	4,9	34,21
M8	M8	1,25	90	18	8,0	6,2	38,67
M10	M10	1,5	100	20	10,0	8,0	45,61
M12	M12	1,75	110	24	12,0	9,0	55,00

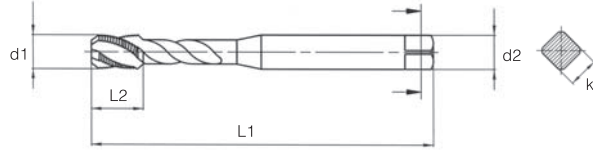
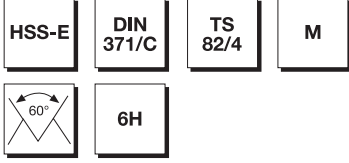


METRİK NORMAL VİDALI EĞİK AĞIZ BİLEMELİ TİN KAPLAMALI MAKİNA KILAVUZU



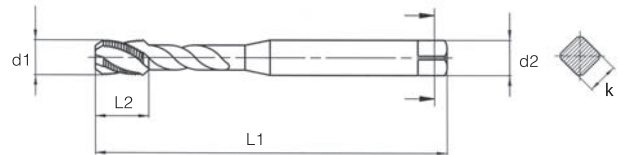
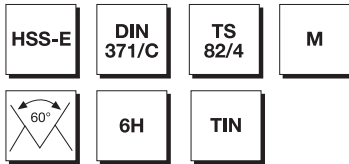
Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	k (h12) mm	TL
M2,5	M2,5	0,45	50	9	2,8	2,1	49,50
M3	M3	0,5	56	10	3,5	2,7	34,10
M4	M4	0,7	63	12	4,5	3,4	35,93
M5	M5	0,8	70	14	6,0	4,9	36,87
M6	M6	1	80	16	6,0	4,9	39,47
M8	M8	1,25	90	18	8,0	6,2	44,43
M10	M10	1,5	100	20	10,0	8,0	52,44
M12	M12	1,75	110	24	12,0	9,0	63,37

METRİK NORMAL VİDALI HELİS KANALLI MAKİNA KILAVUZU



Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	k (h12) mm	TL
M2	M2	0,4	40	8	2,8	2,1	49,50
M2,5	M2,5	0,45	50	9	2,8	2,1	48,95
M3	M3	0,5	56	6	3,5	2,7	33,44
M4	M4	0,7	63	7	4,5	3,4	34,51
M5	M5	0,8	70	8	6,0	4,9	34,51
M6	M6	1	80	10	6,0	4,9	37,37
M7	M7	1	80	10	7,0	5,5	53,90
M8	M8	1,25	90	12	8,0	6,2	42,20
M10	M10	1,5	100	14	10,0	8,0	49,72
M12	M12	1,75	110	16	12,0	9,0	60,06

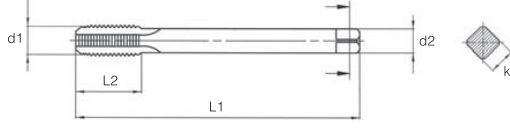
METRİK NORMAL VİDALI HELİS KANALLI TİN KAPLAMALI MAKİNA KILAVUZU



Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	k (h12) mm	TL
M2	M2	0,4	45	8	2,8	2,1	58,85
M2,5	M2,5	1,45	50	9	2,8	2,1	56,10
M3	M3	0,5	56	6	3,5	2,7	37,24
M4	M4	0,7	63	7	4,5	3,4	38,91
M5	M5	0,8	70	8	6,0	4,9	39,47
M6	M6	1	80	10	6,0	4,9	42,52
M7	M7	1	80	10	7,0	5,5	62,70
M8	M8	1,25	90	12	8,0	6,2	47,91
M10	M10	1,5	100	14	10,0	8,0	56,58
M12	M12	1,75	110	16	12,0	9,0	69,69



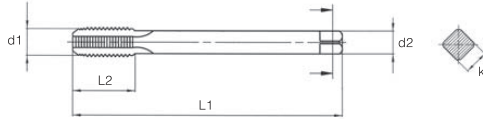
METRİK NORMAL VİDALI DÜZ KANALLI MAKİNA KILAVUZU

**HSS-E****DIN
376/C****TS
82/5****M****6H**

Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	k (h12) mm	TL
M3	M3	0,5	56	10	2,2	-	34,65
M3,5	M3,5	0,6	56	11	2,5	2,1	49,50
M4	M4	0,7	63	12	2,8	2,1	34,65
M4,5	M4,5	0,75	70	14	3,5	2,7	55,00
M5	M5	0,8	70	14	3,5	2,7	35,20
M6	M6	1	80	16	4,5	3,4	35,20
M7	M7	1	80	16	5,5	4,3	49,50
M8	M8	1,25	90	18	6,0	4,9	38,36
M9	M9	1,25	90	18	7,0	5,5	55,00
M10	M10	1,5	100	20	7,0	5,5	44,24
M11	M11	1,5	100	20	8,0	6,2	77,00
M12	M12	1,75	110	24	9,0	7,0	54,54
M14	M14	2	110	26	11,0	9,0	74,97
M16	M16	2	110	28	12,0	9,0	84,89
M18	M18	2,5	125	30	14,0	11,0	123,42
M20	M20	2,5	140	32	16,0	12,0	127,20
M22	M22	2,5	140	32	18,0	14,5	181,83
M24	M24	3	160	34	18,0	14,5	173,75
M27	M27	3	160	37	20,0	16,0	230,23
M28	M28	3	160	37	20,0	16,0	363,00
M30	M30	3,5	180	45	22,0	18,0	279,24
M33	M33	3,5	180	50	25,0	20,0	418,00
M36	M36	4	200	56	28,0	22,0	513,70
M39	M39	4	200	60	32,0	24,0	
M42	M42	4,5	200	60	32,0	24,0	

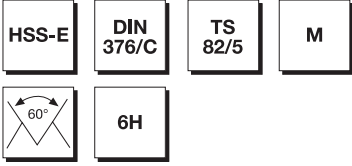
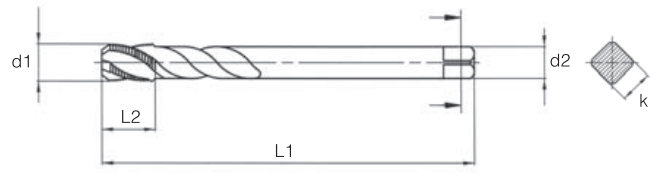


METRİK NORMAL VİDALI DÜZ KANALLI TİN KAPLAMALI MAKİNA KILAVUZU

**HSS-E****DIN
376/C****TS
82/5****M****6H****TIN**

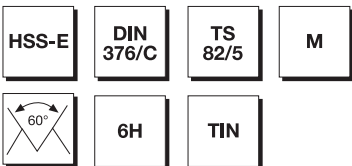
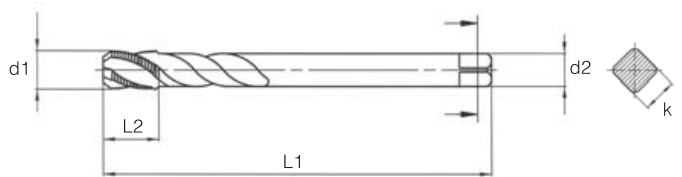
Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	k (h12) mm	TL
M3	M3	0,5	56	10	2,2	-	40,15
M3,5	M3,5	0,6	56	11	2,5	2,1	55,55
M4	M4	0,7	63	12	2,8	2,1	40,15
M4,5	M4,5	0,75	70	14	3,5	2,7	61,05
M5	M5	0,8	70	14	3,5	2,7	40,70
M6	M6	1	80	16	4,5	3,4	40,70
M7	M7	1	80	16	5,5	4,3	55,55
M8	M8	1,25	90	18	6,0	4,9	44,00
M9	M9	1,25	90	18	7,0	5,5	61,60
M10	M10	1,5	100	20	7,0	5,5	51,82
M11	M11	1,5	100	20	8,0	6,2	84,70
M12	M12	1,75	110	24	9,0	7,0	64,19
M14	M14	2	110	26	11,0	9,0	88,94
M16	M16	2	110	28	12,0	9,0	102,70
M18	M18	2,5	125	30	14,0	11,0	150,15
M20	M20	2,5	140	32	16,0	12,0	154,51
M22	M22	2,5	140	32	18,0	14,5	225,25
M24	M24	3	160	34	18,0	14,5	215,31
M27	M27	3	160	38	20,0	16,0	277,98
M28	M28	3	160	38	20,0	16,0	374,00
M30	M30	3,5	180	45	22,0	18,0	336,30
M33	M33	3,5	180	50	25,0	20,0	480,70
M36	M36	4	200	56	28,0	22,0	591,25
M39	M39	4	200	60	32,0	24,0	
M42	M42	4,5	200	60	32,0	24,0	

METRİK NORMAL VİDALI HELİS KANALLI MAKİNA KILAVUZU



Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	k (h12) mm	TL
M3	M3	0,5	56	6	2,2	-	41,80
M4	M4	0,7	63	7	2,8	2,1	41,80
M5	M5	0,8	70	8	3,5	2,7	42,35
M6	M6	1	80	10	4,5	3,4	42,35
M8	M8	1,25	90	12	6,0	4,9	45,98
M10	M10	1,5	100	14	7,0	5,5	52,91
M12	M12	1,75	110	16	9,0	7,0	65,34
M14	M14	2	110	18	11,0	9,0	89,85
M16	M16	2	110	20	12,0	9,0	101,95
M18	M18	2,5	125	22	14,0	11,0	148,30
M20	M20	2,5	140	22	16,0	12,0	152,65
M22	M22	2,5	140	24	18,0	14,5	218,46
M24	M24	3	160	28	18,0	14,5	209,11
M27	M27	3	160	38	20,0	16,0	276,10
M30	M30	3,5	180	40	22,0	18,0	335,06
M33	M33	3,5	180	50	25,0	20,0	501,60
M36	M36	4	200	56	28,0	22,0	617,10

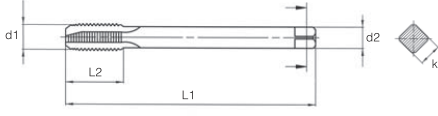
METRİK NORMAL VİDALI HELİS KANALLI TİN KAPLAMALI MAKİNA KILAVUZU



Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	k (h12) mm	TL
M3	M3	0,5	56	6	2,2	-	47,85
M4	M4	0,7	63	7	2,8	2,1	47,85
M5	M5	0,8	70	8	3,5	2,7	48,95
M6	M6	1	80	10	4,5	3,4	48,95
M8	M8	1,25	90	12	6,0	4,9	52,87
M10	M10	1,5	100	14	7,0	5,5	60,83
M12	M12	1,75	110	16	9,0	7,0	75,14
M14	M14	2	110	18	11,0	9,0	104,01
M16	M16	2	110	20	12,0	9,0	119,70
M18	M18	2,5	125	22	14,0	11,0	175,01
M20	M20	2,5	140	22	16,0	12,0	179,94
M22	M22	2,5	140	24	18,0	14,5	245,08
M24	M24	3	160	28	18,0	14,5	250,06
M27	M27	3	160	38	20,0	16,0	331,34
M30	M30	3,5	180	40	22,0	18,0	402,08
M33	M33	3,5	180	50	25,0	20,0	602,36
M36	M36	4	200	56	28,0	22,0	740,85



METRİK NORMAL VİDALI EĞİK AĞIZ BİLEMELİ MAKİNA KILAVUZU



HSS-E

DIN
376/B

TS
82/5

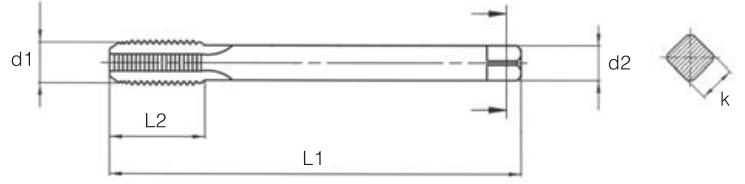
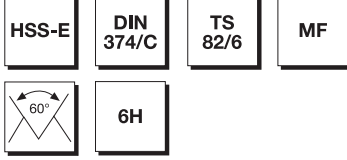
M



6H

Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	k (h12) mm	TL	TiN
M3	M3	0,5	56	10	2,2	-	38,50	45,10
M4	M4	0,7	63	12	2,8	2,1	38,50	45,10
M5	M5	0,8	70	14	3,5	2,7	39,05	45,65
M6	M6	1	80	16	4,5	3,4	39,05	45,65
M8	M8	1,25	90	18	6,0	4,9	42,20	48,80
M10	M10	1,5	100	20	7,0	5,5	48,59	55,19
M12	M12	1,75	110	24	9,0	7,0	60,01	66,61
M14	M14	2	110	26	11,0	9,0	82,41	93,41
M16	M16	2	110	28	12,0	9,0	93,46	104,46
M18	M18	2,5	125	30	14,0	11,0	135,89	146,89
M20	M20	2,5	140	32	16,0	12,0	140,23	151,23
M22	M22	2,5	140	32	18,0	14,5	221,65	232,65
M24	M24	3	160	34	18,0	14,5	212,85	223,85
M27	M27	3	160	38	20,0	16,0	281,05	292,05
M30	M30	3,5	180	45	22,0	18,0	341,55	352,55

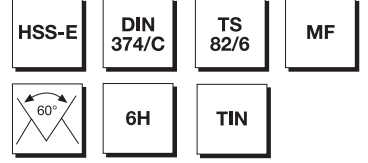
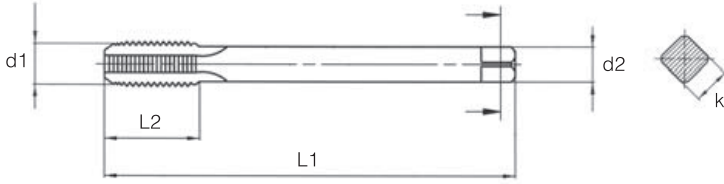
METRİK İNCE VİDALI DÜZ KANALLI MAKİNA KILAVUZU



Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	k (h12) mm	TL
M4	M4	0,5	63	10	2,8	2,1	55,00
M5	M5	0,5	70	12	3,5	2,7	55,00
M6	M6	0,5	80	14	4,5	3,4	55,00
M6	M6	0,75	80	14	4,5	3,4	58,85
M7	M7	0,75	80	14	5,5	4,3	71,50
M8	M8	0,75	90	22	6,0	4,9	71,50
M8	M8	1	90	22	6,0	4,9	56,76
M9	M9	1	90	22	7,0	5,5	71,50
M10	M10	0,75	100	20	7,0	5,5	71,50
M10	M10	1	90	20	7,0	5,5	57,89
M10	M10	1,25	90	20	7,0	5,5	64,37
M12	M12	0,75	100	22	9,0	7,0	95,70
M12	M12	1	100	22	9,0	7,0	61,60
M12	M12	1,25	100	22	9,0	7,0	65,78
M12	M12	1,5	100	22	9,0	7,0	61,60
M14	M14	1	100	22	11,0	9,0	79,40
M14	M14	1,25	100	22	11,0	9,0	79,40
M14	M14	1,5	100	22	11,0	9,0	74,80
M16	M16	1	100	22	12,0	9,0	88,12
M16	M16	1,5	100	22	12,0	9,0	83,22
M18	M18	1	110	25	14,0	11,0	113,71
M18	M18	1,5	110	25	14,0	11,0	99,70
M18	M18	2	125	34	14,0	11,0	124,85
M20	M20	1	125	25	16,0	12,0	146,30
M20	M20	1,5	125	25	16,0	12,0	126,64
M20	M20	2	140	34	16,0	12,0	189,53
M22	M22	1	125	25	18,0	14,5	213,95
M22	M22	1,5	125	25	18,0	14,5	138,16
M22	M22	2	140	34	18,0	14,5	191,00
M24	M24	1	140	28	18,0	14,5	229,13
M24	M24	1,5	140	28	18,0	14,5	148,98
M24	M24	2	140	28	18,0	14,5	195,91
M26	M26	1	140	28	18,0	14,5	198,65
M26	M26	1,5	140	28	18,0	14,5	194,81
M26	M26	2	140	28	18,0	14,5	214,30
M27	M27	1,5	140	28	20,0	16,0	236,85
M27	M27	2	140	28	20,0	16,0	243,85
M28	M28	1,5	140	28	20,0	16,0	267,96
M28	M28	2	140	28	20,0	16,0	281,49
M30	M30	1,5	150	28	22,0	18,0	279,40
M30	M30	2	150	28	22,0	18,0	309,10
M32	M32	1,5	150	28	22,0	18,0	335,94
M32	M32	2	150	28	22,0	18,0	368,50
M33	M33	1,5	160	30	25,0	20,0	386,10
M33	M33	2	160	30	25,0	20,0	436,48
M36	M36	1,5	170	30	28,0	22,0	448,25
M36	M36	2	170	30	28,0	22,0	474,65
M36	M36	3	200	36	28,0	22,0	
M38	M38	1,5	170	30	28,0	22,0	
M40	M40	1,5	170	30	32,0	24,0	
M40	M40	2	170	30	32,0	24,0	
M42	M42	1,5	170	30	32,0	24,0	
M42	M42	2	170	30	32,0	24,0	
M45	M45	1,5	180	32	36,0	29,0	
M45	M45	2	180	32	36,0	29,0	

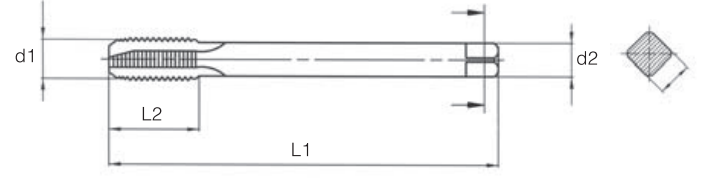


METRİK İNCE VİDALI DÜZ KANALLI TİN KAPLAMALI MAKİNA KILAVUZU



Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	k (h12) mm	TL
M4	M4	0,5	63	10	2,8	2,1	61,60
M5	M5	0,5	70	12	3,5	2,7	61,60
M6	M6	0,5	80	14	4,5	3,4	61,60
M6	M6	0,75	80	14	4,5	3,4	66,00
M7	M7	0,75	80	14	5,5	4,3	78,10
M8	M8	0,75	90	22	6,0	4,9	78,10
M8	M8	1	90	22	6,0	4,9	62,66
M9	M9	1	90	22	7,0	5,5	78,10
M10	M10	0,75	100	20	7,0	5,5	78,10
M10	M10	1	90	20	7,0	5,5	65,52
M10	M10	1,25	90	20	7,0	5,5	71,50
M12	M12	0,75	100	22	9,0	7,0	104,50
M12	M12	1,25	100	22	9,0	7,0	78,94
M12	M12	1	100	22	9,0	7,0	71,50
M12	M12	1,5	100	22	9,0	7,0	71,50
M14	M14	1,25	100	22	11,0	9,0	93,85
M14	M14	1	100	22	11,0	9,0	95,28
M14	M14	1,5	100	22	11,0	9,0	89,34
M16	M16	1	100	22	12,0	9,0	105,74
M16	M16	1,5	100	22	12,0	9,0	101,82
M18	M18	1	110	25	14,0	11,0	136,40
M18	M18	1,5	110	25	14,0	11,0	128,61
M18	M18	2	125	34	14,0	11,0	149,82
M20	M20	1	125	25	16,0	12,0	175,45
M20	M20	1,5	125	25	16,0	12,0	155,38
M20	M20	2	140	34	16,0	12,0	227,48
M22	M22	1	125	25	18,0	14,5	256,85
M22	M22	1,5	125	25	18,0	14,5	165,79
M22	M22	2	140	34	18,0	14,5	229,24
M24	M24	1	140	28	18,0	14,5	275,00
M24	M24	1,5	140	28	18,0	14,5	192,28
M24	M24	2	140	28	18,0	14,5	264,44
M26	M26	1	140	28	18,0	14,5	267,30
M26	M26	1,5	140	28	18,0	14,5	267,30
M26	M26	2	140	28	18,0	14,5	294,55
M27	M27	1,5	140	28	20,0	16,0	319,62
M27	M27	2	140	28	20,0	16,0	328,53
M28	M28	1,5	140	28	20,0	16,0	361,90
M28	M28	2	140	28	20,0	16,0	380,05
M30	M30	1,5	150	28	22,0	18,0	380,05
M30	M30	2	150	28	22,0	18,0	417,34
M32	M32	1,5	150	28	22,0	18,0	452,65
M32	M32	2	150	28	22,0	18,0	497,97
M33	M33	1,5	160	30	25,0	20,0	520,63
M33	M33	2	160	30	25,0	20,0	583,93
M36	M36	1,5	170	30	28,0	22,0	604,12
M36	M36	2	170	30	28,0	22,0	640,86
M36	M36	3	200	36	28,0	22,0	
M38	M38	1,5	170	30	28,0	22,0	
M40	M40	1,5	170	30	32,0	24,0	
M40	M40	2	170	30	32,0	24,0	
M42	M42	1,5	170	30	32,0	24,0	
M42	M42	2	170	30	32,0	24,0	
M45	M45	1,5	180	32	36,0	29,0	
M45	M45	2	180	32	36,0	29,0	

METRİK İNCE VİDALI EĞİK AĞIZ BİLEMELİ MAKİNA KILAVUZU



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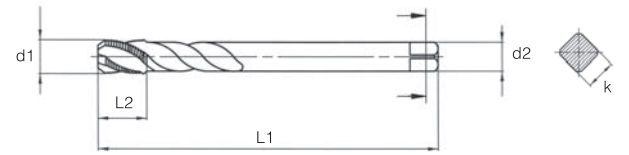
MF



6H

Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	k (h12) mm	TL	TİN
M6	M6	0,5	80	14	4,5	3,4	63,03	69,08
M6	M6	0,75	80	14	4,5	3,4	58,51	71,50
M8	M8	0,75	90	22	6,0	4,9	71,83	77,09
M8	M8	1	90	22	6,0	4,9	62,33	68,38
M10	M10	1	90	20	7,0	5,5	63,67	69,72
M10	M10	1,25	100	20	7,0	5,5	70,81	77,41
M12	M12	1	100	22	9,0	7,0	67,76	77,00
M12	M12	1,25	100	22	9,0	7,0	72,33	78,93
M12	M12	1,5	100	22	9,0	7,0	67,76	77,00
M14	M14	1	100	22	11,0	9,0	87,36	101,66
M14	M14	1,25	100	22	11,0	9,0	97,02	104,72
M14	M14	1,5	100	22	11,0	9,0	82,28	95,70
M16	M16	1	100	22	12,0	9,0	107,58	115,28
M16	M16	1,5	100	22	12,0	9,0	91,50	110,20
M18	M18	1	110	25	14,0	11,0	139,04	146,74
M18	M18	1,5	110	25	14,0	11,0	109,70	137,50
M20	M20	1	125	25	16,0	12,0	161,15	181,50
M20	M20	1,5	125	25	16,0	12,0	139,44	159,50
M22	M22	1,5	125	25	18,0	14,5	152,19	173,80
M24	M24	1,5	140	28	18,0	14,5	163,63	184,80
M27	M27	1,5	140	28	20,0	16,0	263,12	319,00
M28	M28	1,5	140	28	20,0	16,0	294,91	327,80
M32	M32	1,5	150	28	22,0	18,0	369,05	452,10

METRİK İNCE VİDALI HELİS KANALLI MAKİNA KILAVUZU



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MF

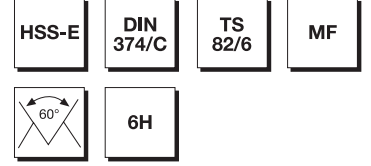
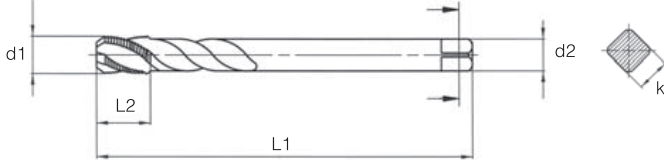


6H

Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	(h12) mm	TL
M6	M6	0,75	80	8	4,5	3,4	70,84
M8	M8	0,75	80	10	6,0	4,9	74,37
M8	M8	1	90	10	6,0	4,9	67,87
M9	M9	1	90	10	7,0	5,5	
M10	M10	1	90	12	7,0	5,5	69,47
M10	M10	1,25	100	12	7,0	5,5	77,18
M12	M12	1	100	14	9,0	7,0	73,92
M12	M12	1,25	100	14	9,0	7,0	78,88
M12	M12	1,5	100	14	9,0	7,0	73,92
M14	M14	1	100	16	11,0	9,0	95,44
M14	M14	1,25	100	16	11,0	9,0	95,44
M14	M14	1,5	100	16	11,0	9,0	89,77
M16	M16	1	100	18	12,0	9,0	
M16	M16	1,25	100	19	12,0	9,0	
M16	M16	1,5	100	18	12,0	9,0	99,90
M18	M18	1	110	20	14,0	11,0	
M18	M18	1,5	110	20	14,0	11,0	119,70
M18	M18	2	125	20	14,0	11,0	150,59
M20	M20	1	125	22	16,0	12,0	
M20	M20	1,5	125	22	16,0	12,0	152,17
M20	M20	2	140	22	16,0	12,0	



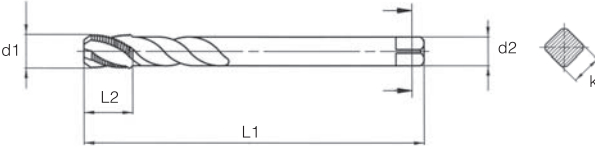
METRİK İNCE VİDALI HELİS KANALLI MAKİNA KILAVUZU



Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	(h12) mm	TL
M22	M22	1	125	25	18,0	14,5	
M22	M22	1.5	125	25	18,0	14,5	165,55
M22	M22	2	140	25	18,0	14,5	
M24	M24	1.5	140	25	18,0	14,5	178,92
M24	M24	2	140	25	18,0	14,5	234,74
M26	M26	1.5	140	25	18,0	14,5	
M27	M27	1.5	140	25	20,0	16,0	
M27	M27	2	140	25	20,0	16,0	
M28	M28	1.5	140	25	20,0	16,0	
M28	M28	2	140	25	20,0	16,0	
M30	M30	1.5	150	25	22,0	18,0	335,28
M30	M30	2	150	25	22,0	18,0	
M36	M36	1.5	170	30	28,0	22,0	

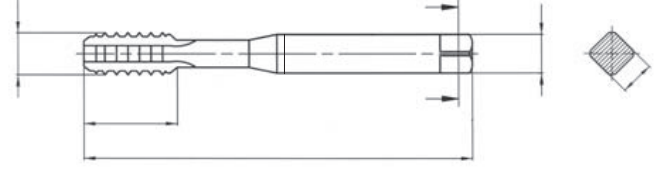


METRİK İNCE VİDALI HELİS KANALLI TİN KAPLAMALI MAKİNA KILAVUZU



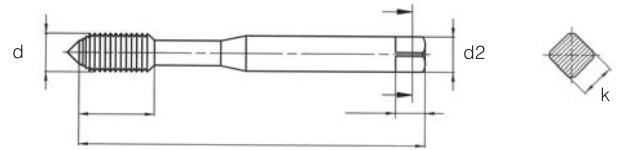
Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	k (h12) mm	TL
M6	M6	0,75	80	8	4,5	3,4	76,67
M8	M8	0,75	80	10	6,0	4,9	99,00
M8	M8	1	90	10	6,0	4,9	73,81
M9	M9	1	90	10	7,0	5,5	
M10	M10	1	90	12	7,0	5,5	77,00
M10	M10	1,25	100	12	7,0	5,5	92,62
M12	M12	1	100	14	9,0	7,0	88,70
M12	M12	1,25	100	14	9,0	7,0	94,71
M12	M12	1,5	100	14	9,0	7,0	84,56
M14	M14	1	100	16	11,0	9,0	114,53
M14	M14	1,25	100	16	11,0	9,0	114,53
M14	M14	1,5	100	16	11,0	9,0	104,80
M16	M16	1	100	18	12,0	9,0	
M16	M16	1,25	100	19	12,0	9,0	
M16	M16	1,5	100	18	12,0	9,0	118,43
M18	M18	1	110	20	14,0	11,0	
M18	M18	1,5	110	20	14,0	11,0	143,63
M18	M18	2	125	20	14,0	11,0	180,73
M20	M20	1	125	22	16,0	12,0	
M20	M20	1,5	125	22	16,0	12,0	179,54
M20	M20	2	140	22	16,0	12,0	
M22	M22	1	125	25	18,0	14,5	
M22	M22	1,5	125	25	18,0	14,5	223,48
M22	M22	2	140	25	18,0	14,5	
M24	M24	1,5	140	25	18,0	14,5	221,56
M24	M24	2	140	25	18,0	14,5	316,80
M26	M26	1,5	140	25	18,0	14,5	
M27	M27	1,5	140	25	20,0	16,0	
M27	M27	2	140	25	20,0	16,0	
M28	M28	1,5	140	25	20,0	16,0	
M28	M28	2	140	25	20,0	16,0	
M30	M30	1,5	150	25	22,0	18,0	452,65
M30	M30	2	150	25	22,0	18,0	
M36	M36	1,5	170	30	28,0	22,0	

DIŞ ATLAMALI ALÜMİNYUM MAKİNA KILAVUZU



Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	k (h12) mm	TL
M3	M3	0,5	56	10	3,5	2,7	42,90
M4	M4	0,7	63	12	4,5	3,4	42,90
M5	M5	0,8	70	14	6,0	4,9	46,20
M6	M6	1	80	16	6,0	4,9	46,20
M8	M8	1,25	90	18	8,0	6,2	56,10
M10	M10	1,5	100	20	10,0	8,0	69,30
M12	M12	1,75	110	24	12,0	9,0	88,00

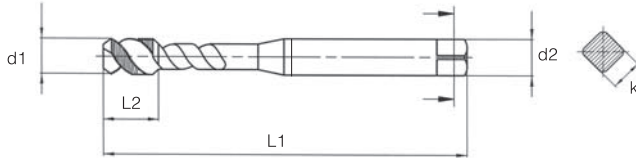
YAĞ KANALSIZ MAKİNA KILAVUZU TİN KAPLAMALI (OVALAMA KILAVUZU)



Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	k (h12) mm	TL
M3	M3	0,5	56	10	3,5	2,7	61,71
M4	M4	0,7	63	12	4,5	3,4	65,34
M5	M5	0,8	70	14	6,0	4,9	65,34
M6	M6	1	80	16	6,0	4,9	68,97
M8	M8	1,25	90	18	8,0	6,2	75,63
M10	M10	1,5	100	20	10,0	8,0	87,73
M12	M12	1,75	110	24	12,0	9,0	



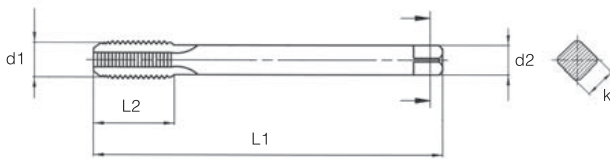
İKİ AĞIZLI HELİS KANALLI ALÜMİNYUM MAKİNA KILAVUZU



Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	k (h12) mm	TL
M3	M3	0,5	56	6	3,5	2,7	38,72
M4	M4	0,7	63	7	4,5	3,4	40,54
M5	M5	0,8	70	8	6,0	4,9	40,54
M6	M6	1	80	10	6,0	4,9	42,35
M8	M8	1,25	90	12	8,0	6,2	47,55
M10	M10	1,5	100	14	10,0	8,0	56,02
M12	M12	1,75	110	16	12,0	9,0	70,18



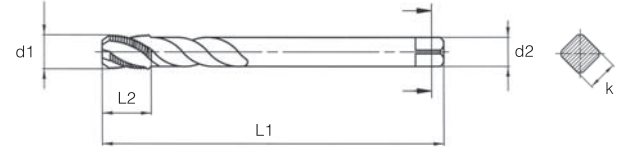
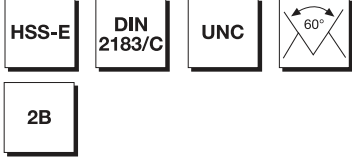
USA NORMAL VİDALI DÜZ KANALLI MAKİNA KILAVUZU - UNC



Ürün kodu	d1 UNC	P adım G/Inch	L1 mm	L2 mm	d2 mm	k h12 mm	TL	TİN
1/4"	1/4"	20	80	19	4,5	3,4	50,18	56,78
5/16"	5/16"	18	90	22	6,0	4,9	57,11	63,71
3/8"	3/8"	16	100	24	7,0	5,5	66,00	72,60
7/16"	7/16"	14	100	24	8,0	6,2	76,47	83,07
1/2"	1/2"	13	110	29	9,0	7,0	82,82	89,42
9/16"	9/16"	12	110	30	11,0	9,0	112,09	123,09
5/8"	5/8"	11	110	32	12,0	9,0	127,75	138,75
3/4"	3/4"	10	125	34	14,0	11,0	189,72	200,72
7/8"	7/8"	9	140	34	18,0	14,5	272,14	283,14
1"	1"	8	160	38	20	16	356,40	367,40

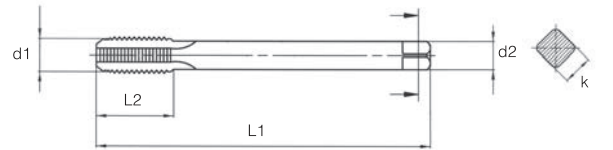
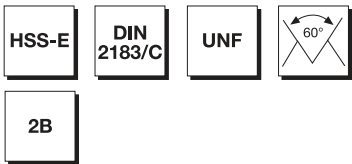
Eğik Ağız Ürünlerde %10 Fiyat Farkı Uygulanır.

USA NORMAL VİDALI HELİS KANALLI MAKİNA KILAVUZU - UNC



Ürün kodu	d1 UNC	P adım G/Inch	L1 mm	L2 mm	d2 mm	k (h12) mm	TL	TİN
1/4"	1/4"	20	80	12	4,5	3,4	60,28	66,88
5/16"	5/16"	18	90	14	6,0	4,9	68,64	75,24
3/8"	3/8"	16	100	16	7,0	5,5	79,06	85,66
7/16"	7/16"	14	100	16	8,0	6,2	91,82	98,42
1/2"	1/2"	13	110	20	9,0	7,0	99,25	105,85
9/16"	9/16"	12	110	22	11,0	9,0	134,68	145,68
5/8"	5/8"	11	110	22	12,0	9,0	153,45	164,45
3/4"	3/4"	10	125	28	14,0	11,0	227,91	238,91
7/8"	7/8"	9	140	28	18,0	14,5	400,40	411,40
1"	1"	8	160	32	20,0	16,0	427,68	438,68

USA İNCE VİDALI DÜZ KANALLI MAKİNA KILAVUZU - UNF

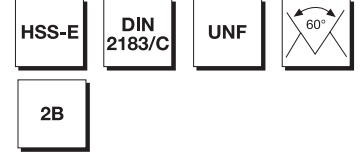
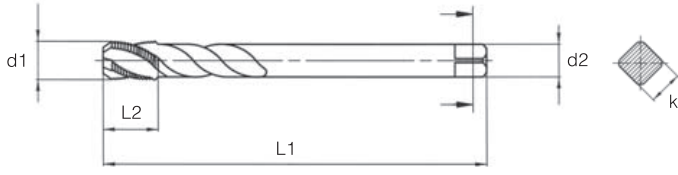


Ürün kodu	d1 UNF	P adım G/Inch	L1 mm	L2 mm	d2 mm	k (h12) mm	TL	TİN
1/4"	1/4"	28	80	19	4,5	3,4	57,38	63,98
5/16"	5/16"	24	90	22	6,0	4,9	65,27	71,87
3/8"	3/8"	24	100	24	7,0	5,5	75,11	81,71
7/16"	7/16"	20	100	24	8,0	6,2	87,47	94,07
1/2"	1/2"	20	110	29	9,0	7,0	94,60	101,20
9/16"	9/16"	18	110	30	11,0	9,0	138,56	149,56
5/8"	5/8"	18	110	32	12,0	9,0	157,30	168,30
3/4"	3/4"	16	125	34	14,0	11,0	233,09	244,09
7/8"	7/8"	14	140	34	18,0	14,5	334,51	345,51
1"	1"	12	160	38	20,0	16,0	438,79	449,79

Eğik Ağız Ürünlerde %10 Fiyat Farkı Uygulanır.



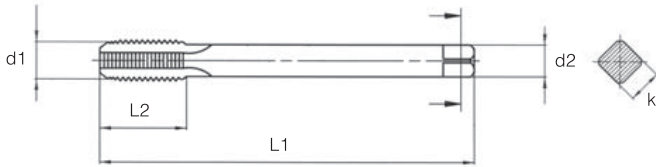
USA İNCE VİDALI HELİS KANALLI MAKİNA KILAVUZU - UNF



Ürün kodu	d1 UNF	P adım G/Inch	L1 mm	L2 mm	d2 mm	k (h12) mm	TL	TİN
1/4"	1/4"	28	80	12	4,5	3,4	68,76	75,36
5/16"	5/16"	24	90	14	6,0	4,9	78,41	85,01
3/8"	3/8"	24	100	16	7,0	5,5	90,20	96,80
7/16"	7/16"	20	100	16	8,0	6,2	104,90	111,50
1/2"	1/2"	20	110	20	9,0	7,0	113,51	120,11
9/16"	9/16"	18	110	22	11,0	9,0	165,76	176,76
5/8"	5/8"	18	110	22	12,0	9,0	189,06	200,06
3/4"	3/4"	16	125	22	14,0	11,0	279,73	290,73
7/8"	7/8"	14	140	28	18,0	14,5	400,51	411,51
1"	1"	12	160	32	20	16	526,57	537,57



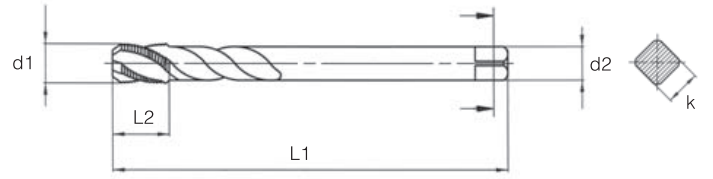
WHITWORTH VİDALI DÜZ KANALLI MAKİNA KILAVUZU



Ürün kodu	d1 BSW	P adım G/Inch	L1 mm	L2 mm	d2 mm	k (h12) mm	TL	TİN
W 1/8"	W 1/8"	40	56	11	2,2	-	52,97	59,57
W 5/32"	W 5/32"	32	63	13	2,8	2,1	52,97	59,57
W 3/16"	W 3/16"	24	70	16	3,5	2,7	58,85	65,45
W 7/32"	W 7/32"	24	70	16	3,5	2,7	58,85	65,45
W 1/4"	W 1/4"	20	80	19	4,5	3,4	53,19	59,79
W 5/16"	W 5/16"	18	90	22	6,0	4,9	60,50	67,10
W 3/8"	W 3/8"	16	100	24	7,0	5,5	69,94	76,54
W 7/16"	W 7/16"	14	100	24	8,0	6,2	81,07	87,67
W 1/2"	W 1/2"	12	110	29	9,0	7,0	87,80	94,40
W 9/16"	W 9/16"	12	110	30	11,0	9,0	118,76	129,76
W 5/8"	W 5/8"	11	110	32	12,0	9,0	135,30	146,30
W 3/4"	W 3/4"	10	125	34	14,0	11,0	201,37	212,37
W 7/8"	W 7/8"	9	140	34	18,0	14,5	288,42	299,42
W 1"	W 1"	8	160	38	20,0	16,0	378,40	389,40

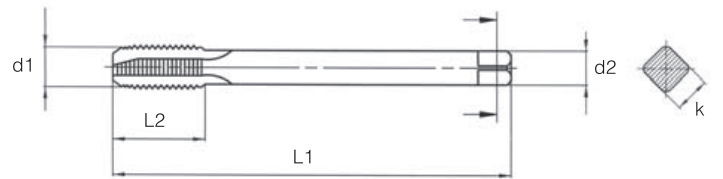
Eğik Ağız Ürünlerde %10 Fiyat Farkı Uygulanır.

WHITWORTH VIDALI HELİS KANALLI MAKİNA KILAVUZU



Ürün kodu	d1 BSW	P adım G/Inch	L1 mm	L2 mm	d2 mm	k (h12) mm	TL	TiN
W 1/8"	W 1/8"	40	56	6	2,2	-	58,27	64,87
W 5/32"	W 5/32"	32	63	7	2,8	2,1	58,27	64,87
W 3/16"	W 3/16"	24	70	10	3,5	2,7	64,74	85,73
W 7/32"	W 7/32"	24	70	10	3,5	3,4	64,74	85,73
W 1/4"	W 1/4"	20	80	12	4,5	4,9	58,52	65,12
W 5/16"	W 5/16"	18	90	14	6,0	5,5	66,55	73,15
W 3/8"	W 3/8"	16	100	16	7,0	6,2	76,93	83,53
W 7/16"	W 7/16"	14	100	18	8,0	6,2	89,21	98,01
W 1/2"	W 1/2"	12	110	18	9,0	7,0	96,58	103,18

WHITWORTH BORU VIDALI EĞİK AĞIZ BİLEMELİ MAKİNA KILAVUZU



Ürün kodu	d1 BSP	P adım G/Inch	L1 mm	L2 mm	d2 mm	k (h12) mm	TL	TiN
G 1/8"	G 1/8"	28	90	20	7,0	5,5	63,01	73,70
G 1/4"	G 1/4"	19	100	22	11,0	9,0	80,04	90,20
G 3/8"	G 3/8"	19	100	22	12,0	9,0	101,20	112,20
G 1/2"	G 1/2"	14	125	25	16,0	12,0	149,57	159,50
G 3/4"	G 3/4"	14	140	28	20,0	16,0	229,21	239,80

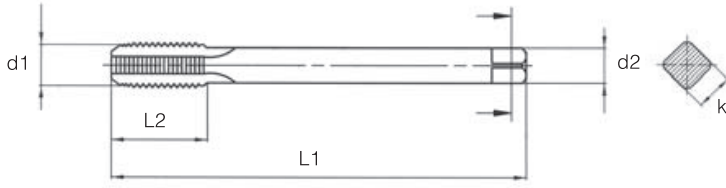


WHITWORTH BORU VİDALI DÜZ KANALLI MAKİNA KILAVUZU

HSS-E

DIN
5156/C

BSP



Ürün kodu	d1 BSP	P adım G/Inch	L1 mm	L2 mm	d2 mm	k (h12) mm	TL	TİN
G 1/8"	G 1/8"	28	90	20	7,0	5,5	57,11	68,20
G 1/4"	G 1/4"	19	100	22	11,0	9,0	72,72	83,60
G 3/8"	G 3/8"	19	100	22	12,0	9,0	92,07	103,40
G 1/2"	G 1/2"	14	125	25	16,0	12,0	135,97	143,00
G 3/4"	G 3/4"	14	140	28	20,0	16,0	208,48	217,80
G 1"	G 1"	11	160	30	25,0	20,0	319,85	335,50

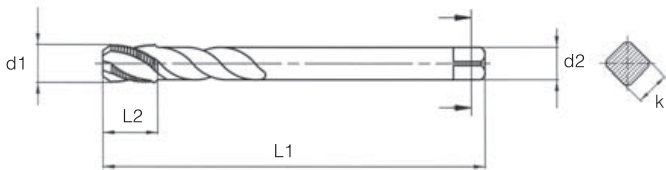


WHITWORTH BORU VİDALI HELİS KANALLI MAKİNA KILAVUZU

HSS-E

DIN
5156/C

BSP



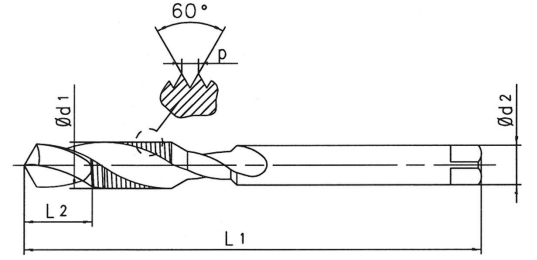
Ürün kodu	d1 BSP	P adım G/Inch	L1 mm	L2 mm	d2 mm	k (h12) mm	TL	TİN
G 1/8"	G 1/8"	28	90	12	7,0	5,5	68,70	80,30
G 1/4"	G 1/4"	19	100	16	11,0	9,0	87,23	99,00
G 3/8"	G 3/8"	19	100	18	12,0	9,0	110,46	121,00
G 1/2"	G 1/2"	14	125	22	16,0	12,0	163,16	176,00
G 3/4"	G 3/4"	14	140	23	20,0	16,0	250,57	264,00
G 1"	G 1"	11	160	28	25,0	20,0	425,70	440,00

MATKAP KILAVUZ - KOMBİNE TAKIM



HSS-E

M



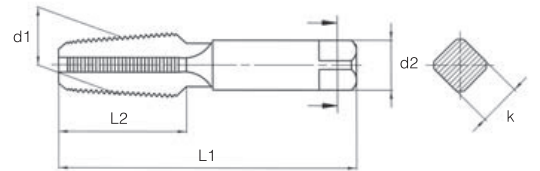
Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	TL
M4	M4	0,7	70	10	4,5	*
M5	M5	0,8	78	12	6,0	*
M6	M6	1,0	85	14	6,0	*
M8	M8	1,25	93	20	6,0	*
M10	M10	1,5	110	25	9,0	*

NPT KONİK BORU KILAVUZU



HSS-E

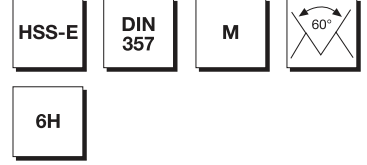
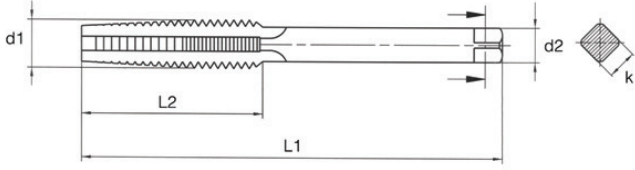
NPT



Ürün kodu	d1 NPT	P adım G/Inch	L1 mm	L2 mm	d2 mm	k (h12) mm	TL
1/16"	1/16"	27	54	18	6	4,9	
1/8"	1/8"	27	54	19	7	5,5	*
1/4"	1/4"	18	62	27	11	9,0	*
3/8"	3/8"	18	65	27	12	9,0	*
1/2"	1/2"	14	80	35	16	12,0	*
3/4"	3/4"	14	83	35	20	16,0	*
1"	1"	11 1/2	95	45	25	20,0	*
1" 1/2	1" 1/2	11 1/2	95	45	36	29,0	



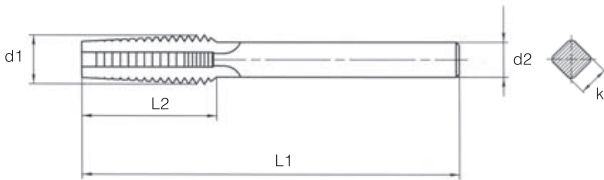
METRİK NORMAL VİDALI SOMUN KILAVUZU



Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	k (h12) mm	TL
M3	M3	0,5	70	22	2,2	-	*
M4	M4	0,7	90	25	2,8	2,1	*
M5	M5	0,8	100	28	3,5	2,7	*
M6	M6	1	110	32	4,5	3,4	*
M8	M8	1,25	125	40	6,0	4,9	*
M10	M10	1,5	140	45	7,0	5,5	*
M12	M12	1,75	180	50	9,0	7,0	*
M14	M14	2,0	200	56	11,0	9,0	*
M16	M16	2,0	200	63	12,0	9,0	*
M18	M18	2,5	220	63	14,0	11,0	*
M20	M20	2,5	250	70	16,0	12,0	*
M22	M22	2,5	280	80	18,0	14,5	*
M24	M24	3,0	280	80	18,0	14,5	*
M27	M27	3,0	315	90	20,0	16,0	*

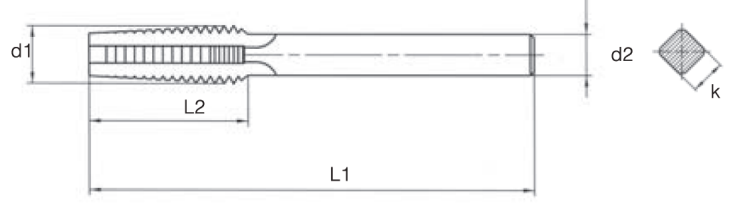


METRİK NORMAL VİDALI SOMUN KILAVUZU



Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	TL
M3	M3	0,5	50	13	2,25	*
M4	M4	0,7	60	18	3,00	*
M5	M5	0,8	70	21	3,80	*
M6	M6	1,0	80	25	4,50	*
M8	M8	1,25	100	32	6,10	*
M10	M10	1,5	110	40	7,75	*
M12	M12	1,75	120	46	9,35	*
M14	M14	2,0	140	50	11,00	*
M16	M16	2,0	140	50	13,00	*
M18	M18	2,5	160	65	14,00	*
M20	M20	2,5	160	65	16,00	*
M22	M22	2,5	160	65	18,00	*
M24	M24	3,0	180	76	19,30	*
M30	M30	3,5	190	90	24,00	*

METRİK İNCE VİDALI SOMUN KILAVUZU

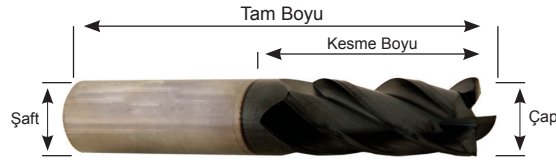


Ürün kodu	d1 mm	P adım	L1 mm	L2 mm	d2 mm	TL
M10	M10	1	100	25	8,3	*
M10	M10	1,25	110	32	8,0	*
M12	M12	1,25	120	32	10,0	*
M12	M12	1,5	120	40	9,6	*
M14	M14	1,5	120	40	11,5	*
M16	M16	1,5	140	40	13,5	*
M18	M18	1,5	140	40	15,4	*
M20	M20	1,5	160	40	17,3	*
M22	M22	1,5	160	40	19,3	*
M24	M24	1,5	160	40	21,3	*

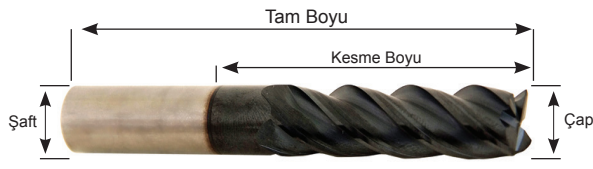
KARBÜR KESİCİ TAKIMLAR



DÜZ KARBÜR FREZE

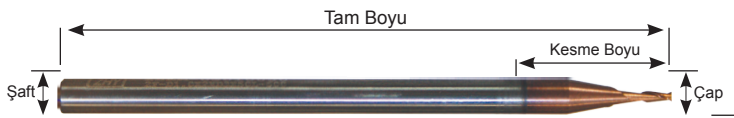


ÇAP	KESME BOYU	TAM BOYU	ŞAFT	FİYAT 50 HRC	FİYAT 60 HRC
1.0	3	50	4	10.88 \$	12.42 \$
1.5	4	50	4	10.88 \$	12.42 \$
2.0	6	50	4	10.88 \$	12.42 \$
2.5	8	50	4	10.88 \$	12.42 \$
3.0	8	50	3	10.88 \$	12.42 \$
3.0	8	50	4	10.88 \$	12.42 \$
3.5	11	50	4	10.88 \$	12.42 \$
4.0	11	50	4	10.88 \$	12.42 \$
1.0	3	50	6	13.60 \$	15.14 \$
1.5	4	50	6	13.60 \$	15.14 \$
2.0	6	50	6	13.60 \$	15.14 \$
2.5	8	50	6	13.60 \$	15.14 \$
3.0	8	50	6	13.60 \$	15.14 \$
3.5	11	50	6	13.60 \$	15.14 \$
4.0	11	50	6	13.60 \$	15.14 \$
4.5	13	50	6	13.60 \$	15.14 \$
5.0	13	50	5	13.60 \$	15.14 \$
5.0	13	50	6	13.60 \$	15.14 \$
5.5	15	50	6	13.60 \$	15.14 \$
6.0	15	50	6	13.60 \$	15.14 \$
6.5	20	60	8	20.25 \$	24.95 \$
7.0	20	60	7	20.25 \$	24.95 \$
7.5	20	60	8	20.25 \$	24.95 \$
8.0	20	60	8	20.25 \$	24.95 \$
8.5	25	75	10	29.10 \$	35.55 \$
9.0	25	75	9	29.10 \$	35.55 \$
9.5	25	75	10	29.10 \$	35.55 \$
10.0	25	75	10	29.10 \$	35.55 \$
10.5	30	75	12	43.65 \$	53.00 \$
11.0	30	75	11	43.65 \$	53.00 \$
11.5	30	75	12	43.65 \$	53.00 \$
12.0	30	75	12	43.65 \$	53.00 \$
12.5	32	84	14	64.43 \$	79.20 \$
13.0	32	84	13	64.43 \$	79.20 \$
13.0	45	100	13	77.30 \$	94.65 \$
13.5	32	84	14	64.43 \$	79.20 \$
14.0	32	84	14	64.43 \$	79.20 \$
14.0	45	100	14	77.30 \$	94.65 \$
14.5	32	93	16	73.05 \$	92.05 \$
15.0	32	93	15	73.05 \$	92.05 \$
15.5	32	93	16	73.05 \$	92.05 \$
16.0	32	93	16	73.05 \$	92.05 \$
16.0	45	100	16	79.30 \$	99.55 \$
16.5	35	93	18	117.53 \$	145.25 \$
17.0	35	93	18	117.53 \$	145.25 \$
18.0	35	93	18	117.53 \$	145.25 \$
18.0	45	100	18	127.60 \$	157.50 \$
19.0	45	100	20	127.90 \$	160.38 \$
20.0	45	100	20	127.90 \$	160.38 \$
22.0	45	100	22	200.05 \$	*
24.0	45	100	24	218.68 \$	*
25.0	45	100	25	227.43 \$	*



UZUN DÜZ KARBÜR FREZE

ÇAP	KESME BOYU	TAM BOYU	ŞAFT	FİYAT 50 HRC	FİYAT 60 HRC
1.0	5	75	4	15.55 \$	17.09 \$
1.5	6	75	4	15.55 \$	17.09 \$
2.0	9	75	4	15.55 \$	17.09 \$
3.0	25	75	3	15.55 \$	17.09 \$
4.0	25	75	4	15.55 \$	17.09 \$
5.0	25	75	5	17.98 \$	19.52 \$
6.0	25	75	6	17.98 \$	19.52 \$
8.0	30	75	8	23.80 \$	29.20 \$
3.0	15	100	3	18.60 \$	20.14 \$
4.0	25	100	4	20.20 \$	21.74 \$
5.0	30	100	5	23.48 \$	25.02 \$
6.0	40	100	6	23.48 \$	25.02 \$
7.0	40	100	7	31.23 \$	38.10 \$
8.0	40	100	8	31.23 \$	38.10 \$
9.0	45	100	9	39.80 \$	48.40 \$
10.0	45	100	10	39.80 \$	48.40 \$
11.0	45	100	11	52.30 \$	63.40 \$
12.0	45	100	12	52.30 \$	63.40 \$
5.0	50	150	5	34.45 \$	36.00 \$
6.0	50	150	6	34.45 \$	36.00 \$
8.0	50	150	8	46.05 \$	55.90 \$
10.0	80	150	10	58.95 \$	71.28 \$
12.0	80	150	12	77.63 \$	93.78 \$
14.0	80	150	14	115.18 \$	140.10 \$
16.0	80	150	16	118.13 \$	146.13 \$
18.0	80	150	18	190.63 \$	233.13 \$
20.0	80	150	20	196.93 \$	243.20 \$

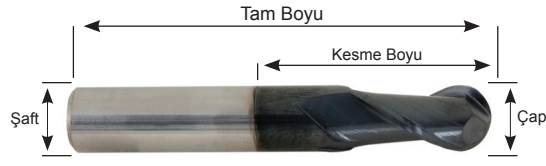


DÜZ MİKRON KARBÜR FREZE

ÇAP	KESME BOYU	TAM BOYU	ŞAFT	FİYAT 60 HRC
0.4	0.7	50	4	12.78 \$
0.5	0.7	50	4	12.78 \$
0.6	0.7	50	4	12.78 \$
0.7	0.8	50	4	12.78 \$
0.8	1	50	4	12.78 \$
0.9	1.2	50	4	12.78 \$
1.0	1.2	50	4	12.78 \$

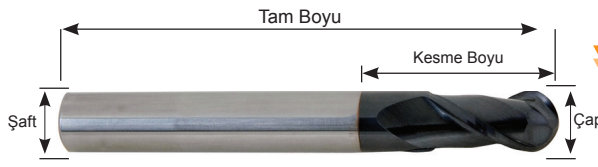


KÜRE KARBÜR FREZE



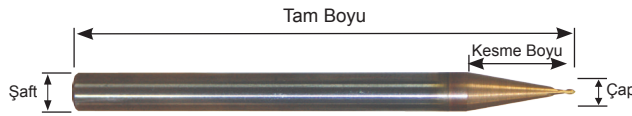
ÇAP	KESME BOYU	TAM BOYU	ŞAFT	FİYAT 50 HRC	FİYAT 60 HRC
1.0	2	50	4	10.88 \$	12.42 \$
1.5	3	50	4	10.88 \$	12.42 \$
2.0	4	50	4	10.88 \$	12.42 \$
2.5	6	50	4	10.88 \$	12.42 \$
3.0	6	50	3	10.88 \$	12.42 \$
3.0	6	50	4	10.88 \$	12.42 \$
3.5	8	50	4	10.88 \$	12.42 \$
4.0	8	50	4	10.88 \$	12.42 \$
1.0	2	50	6	14.33 \$	15.87 \$
1.5	3	50	6	14.33 \$	15.87 \$
2.0	4	50	6	14.33 \$	15.87 \$
2.5	6	50	6	14.33 \$	15.87 \$
3.0	6	50	6	14.33 \$	15.87 \$
3.5	8	50	6	14.33 \$	15.87 \$
4.0	8	50	6	14.33 \$	15.87 \$
4.5	10	50	6	14.33 \$	15.87 \$
5.0	10	50	5	14.33 \$	15.87 \$
5.0	10	50	6	14.33 \$	15.87 \$
5.5	12	50	6	14.33 \$	15.87 \$
6.0	12	50	6	14.33 \$	15.87 \$
6.5	16	60	8	24.93 \$	30.55 \$
7.0	16	60	7	24.93 \$	30.55 \$
7.5	16	60	8	24.93 \$	30.55 \$
8.0	16	60	8	24.93 \$	30.55 \$
8.5	20	75	10	36.00 \$	43.83 \$
9.0	20	75	9	36.00 \$	43.83 \$
9.5	20	75	10	36.00 \$	43.83 \$
10.0	20	75	10	36.00 \$	43.83 \$
10.5	25	75	12	54.18 \$	65.65 \$
11.0	25	75	11	54.18 \$	65.65 \$
12.0	25	75	12	54.18 \$	65.65 \$
13.0	32	84	13	80.15 \$	98.05 \$
14.0	32	84	14	80.15 \$	98.05 \$
14.0	40	100	14	96.25 \$	117.38 \$
15.0	32	93	15	90.93 \$	113.50 \$
16.0	32	93	16	90.93 \$	113.50 \$
16.0	40	100	16	98.75 \$	122.88 \$
17.0	35	93	18	146.53 \$	180.20 \$
18.0	35	93	18	146.53 \$	180.20 \$
18.0	40	100	18	159.13 \$	195.33 \$
19.0	40	100	20	159.50 \$	198.28 \$
20.0	40	100	20	159.50 \$	198.28 \$





UZUN KÜRE KARBÜR FREZE

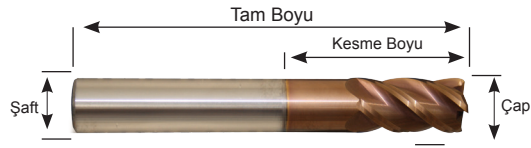
ÇAP	KESME BOYU	TAM BOYU	ŞAFT	FİYAT 50 HRC	FİYAT 60 HRC
1.0	2	75	4	15.55 \$	17.09 \$
1.5	3	75	4	15.55 \$	17.09 \$
2.0	4	75	4	15.55 \$	17.09 \$
3.0	6	75	3	15.55 \$	17.09 \$
4.0	8	75	4	15.55 \$	17.09 \$
5.0	10	75	5	17.98 \$	19.52 \$
6.0	12	75	6	17.98 \$	19.52 \$
8.0	16	75	8	29.38 \$	35.88 \$
3.0	6	100	3	18.60 \$	20.14 \$
4.0	8	100	4	20.20 \$	21.74 \$
5.0	10	100	5	23.48 \$	25.02 \$
6.0	12	100	6	23.48 \$	25.02 \$
7.0	16	100	7	38.65 \$	47.00 \$
8.0	16	100	8	38.65 \$	47.00 \$
9.0	20	100	9	49.38 \$	59.88 \$
10.0	20	100	10	49.38 \$	59.88 \$
11.0	25	100	11	65.00 \$	78.63 \$
12.0	25	100	12	65.00 \$	78.63 \$
5.0	30	150	5	34.45 \$	36.00 \$
6.0	30	150	6	34.45 \$	36.00 \$
8.0	30	150	8	57.18 \$	69.25 \$
10.0	40	150	10	73.30 \$	88.60 \$
12.0	40	150	12	96.65 \$	116.60 \$
14.0	40	150	14	143.58 \$	174.18 \$
16.0	40	150	16	147.28 \$	181.10 \$
18.0	40	150	18	237.90 \$	289.85 \$
20.0	40	150	20	245.78 \$	301.83 \$



KÜRE MİKRON KARBÜR FREZE

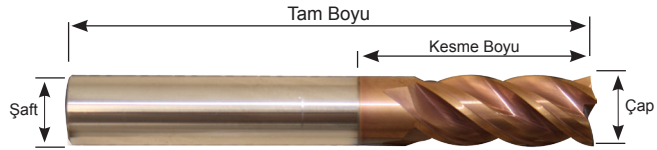
ÇAP	KESME BOYU	TAM BOYU	ŞAFT	FİYAT 60 HRC
0.4	0.4	50	4	12.78 \$
0.5	0.4	50	4	12.78 \$
0.6	0.7	50	4	12.78 \$
0.7	0.9	50	4	12.78 \$
0.8	1	50	4	12.78 \$
0.9	1	50	4	12.78 \$
1.0	1	50	4	12.78 \$

KÖŞE RADÜS KARBÜR FREZE

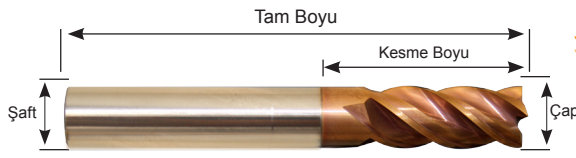


ÇAP	KESME BOYU	TAM BOYU	ŞAFT	FİYAT 60 HRC
1.0xR0.2	3	50	4	12.42 \$
1.5xR0.2	4	50	4	12.42 \$
2.0xR0.2	4	50	4	12.42 \$
2.0xR0.3	4	50	4	12.42 \$
2.0xR0.5	4	50	4	12.42 \$
3.0xR0.2	6	50	4	12.42 \$
3.0xR0.3	6	50	4	12.42 \$
3.0xR0.5	6	50	4	12.42 \$
3.0xR1.0	6	50	4	12.42 \$
4.0xR0.2	8	50	4	12.42 \$
4.0xR0.3	8	50	4	12.42 \$
4.0xR0.5	8	50	4	12.42 \$
4.0xR1.0	8	50	4	12.42 \$
5.0xR0.5	10	50	5	15.87 \$
5.0xR1.0	10	50	5	15.87 \$
6.0xR0.5	12	50	6	15.87 \$
6.0xR1.0	12	50	6	15.87 \$
6.0xR2.0	12	50	6	15.87 \$
8.0xR0.5	16	60	8	30.55 \$
8.0xR1.0	16	60	8	30.55 \$
8.0xR1.5	16	60	8	30.55 \$
8.0xR2.0	16	60	8	30.55 \$
10.0xR0.5	20	75	10	43.83 \$
10.0xR1.0	20	75	10	43.83 \$
10.0xR1.5	20	75	10	43.83 \$
10.0xR2.0	20	75	10	43.83 \$
12.0xR0.5	24	75	12	65.65 \$
12.0xR1.0	24	75	12	65.65 \$
12.0xR1.5	24	75	12	65.65 \$
12.0xR2.0	24	75	12	65.65 \$
14.0xR1.0	32	84	14	98.05 \$
14.0xR2.0	32	84	14	98.05 \$
16.0xR1.0	32	93	16	113.50 \$
16.0xR2.0	32	93	16	113.50 \$
18.0xR2.0	35	93	18	180.20 \$
20.0xR2.0	45	100	20	198.28 \$

CHATTER FREE KARBÜR FREZE



ÇAP	KESME BOYU	TAM BOYU	ŞAFT	FİYAT 60 HRC
6.0	15	50	6	15.55 \$
8.0	20	60	8	27.18 \$
10.0	25	75	10	38.85 \$
12.0	30	75	12	58.08 \$
14.0	32	84	14	86.75 \$
14.0	45	100	14	103.75 \$
16.0	32	93	16	100.63 \$
16.0	45	100	16	108.83 \$
18.0	35	93	18	159.33 \$
18.0	45	100	18	172.63 \$
20.0	45	100	20	175.53 \$
6.0	40	100	6	25.40 \$
8.0	40	100	8	41.65 \$
10.0	45	100	10	52.98 \$
12.0	45	100	12	69.45 \$

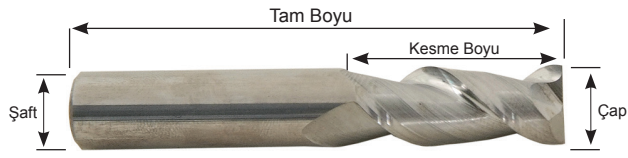


UZUN KÖŞE RADÜS KARBÜR FREZE

ÇAP	KESME BOYU	TAM BOYU	ŞAFT	FİYAT 60 HRC
3.0xR0.5	6	75	3	17.09 \$
3.0xR1.0	6	75	3	17.09 \$
4.0xR0.5	8	75	4	17.09 \$
4.0xR1.0	8	75	4	17.09 \$
5.0xR0.5	10	75	5	19.52 \$
5.0xR1.0	10	75	5	19.52 \$
6.0xR0.5	12	75	6	19.52 \$
6.0xR1.0	12	75	6	19.52 \$
8.0xR0.5	16	75	8	35.88 \$
8.0xR1.0	16	75	8	35.88 \$
3.0xR0.5	6	100	3	20.14 \$
3.0xR1.0	6	100	3	20.14 \$
4.0xR0.5	8	100	4	21.74 \$
4.0xR1.0	8	100	4	21.74 \$
5.0xR0.5	10	100	5	25.02 \$
5.0xR1.0	10	100	5	25.02 \$
6.0xR0.5	12	100	6	25.02 \$
6.0xR1.0	12	100	6	25.02 \$
8.0xR0.5	16	100	8	47.00 \$
8.0xR1.0	16	100	8	47.00 \$
10.0xR0.5	20	100	10	59.88 \$
10.0xR1.0	20	100	10	59.88 \$
12.0xR0.5	24	100	12	78.63 \$
12.0xR1.0	24	100	12	78.63 \$
6.0xR0.5	50	150	6	36.00 \$
6.0xR1.0	50	150	6	36.00 \$
8.0xR0.5	50	150	8	69.25 \$
8.0xR1.0	50	150	8	69.25 \$
10.0xR0.5	50	150	10	88.60 \$
10.0xR1.0	50	150	10	88.60 \$
12.0xR0.5	50	150	12	116.60 \$
12.0xR1.0	50	150	12	116.60 \$

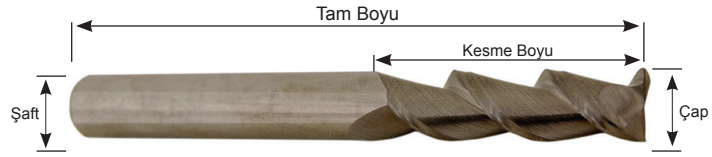


İKİ AĞIZLI DÜZ ALÜMİNYUM KARBÜR FREZE

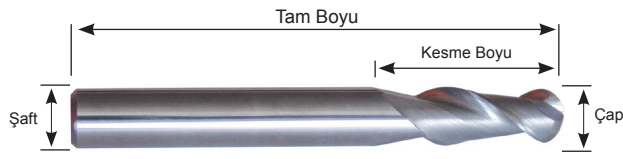


ÇAP	KESME BOYU	TAM BOYU	ŞAFT	FİYAT 50 HRC
1.0	3	50	4	9.33 \$
1.5	4	50	4	9.33 \$
2.0	6	50	4	9.33 \$
3.0	8	50	3	9.33 \$
4.0	11	50	4	9.33 \$
5.0	13	50	5	12.05 \$
6.0	15	50	6	12.05 \$
7.0	20	60	7	18.70 \$
8.0	20	60	8	18.70 \$
9.0	25	75	9	27.55 \$
10.0	25	75	10	27.55 \$
11.0	30	75	11	42.10 \$
12.0	30	75	12	42.10 \$
14.0	32	84	14	62.88 \$
14.0	45	100	14	75.75 \$
16.0	32	93	16	71.50 \$
16.0	45	100	16	77.75 \$
18.0	35	93	18	115.98 \$
18.0	45	100	18	126.05 \$
20.0	45	100	20	126.35 \$

UZUN İKİ AĞIZLI DÜZ ALÜMİNYUM KARBÜR FREZE

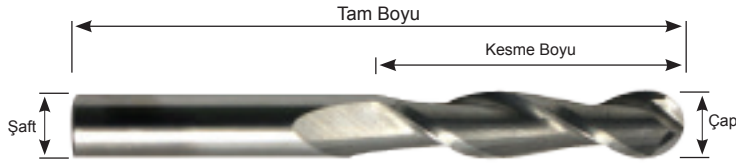


ÇAP	KESME BOYU	TAM BOYU	ŞAFT	FİYAT 50 HRC
3.0	25	75	3	12.78 \$
4.0	25	75	4	14.00 \$
5.0	25	75	5	16.43 \$
6.0	25	75	6	16.43 \$
3.0	15	100	3	17.05 \$
4.0	25	100	4	18.65 \$
5.0	30	100	5	21.93 \$
6.0	40	100	6	21.93 \$
8.0	40	100	8	29.68 \$
10.0	45	100	10	38.25 \$
12.0	45	100	12	50.75 \$
6.0	50	150	6	32.90 \$
8.0	50	150	8	44.50 \$
10.0	80	150	10	57.40 \$
12.0	80	150	12	76.08 \$
14.0	80	150	14	113.63 \$
16.0	80	150	16	116.58 \$
18.0	80	150	18	189.08 \$
20.0	80	150	20	195.38 \$



KÜRE ALÜMİNYUM KARBÜR FREZE

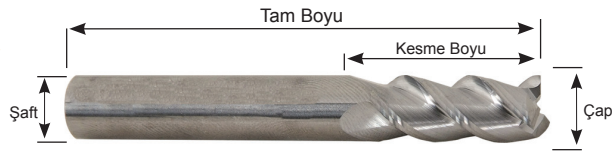
ÇAP	KESME BOYU	TAM BOYU	ŞAFT	FİYAT 50 HRC
1	2	50	4	9.33\$
1.5	3	50	4	9.33\$
2	4	50	4	9.33\$
3	6	50	3	9.33\$
4	8	50	4	9.33\$
5	10	50	5	12.78\$
6	12	50	6	12.78\$
7	16	60	7	23.38\$
8	16	60	8	23.38\$
9	20	75	9	34.45\$
10	20	75	10	34.45\$
11	25	75	11	52.63\$
12	25	75	12	52.63\$
14	32	84	14	78.60\$
14	40	100	14	94.70\$
16	32	93	16	89.38\$
16	40	100	16	97.20\$
18	35	93	18	144.98\$
18	40	100	18	157.58\$
20	40	100	20	157.95\$



UZUN KÜRE ALÜMİNYUM KARBÜR FREZE

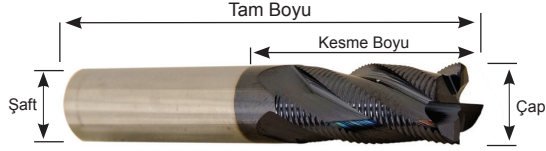
ÇAP	KESME BOYU	TAM BOYU	ŞAFT	FİYAT 50 HRC
3	6	75	3	12.78 \$
4	8	75	4	14.00\$
5	10	75	5	16.43\$
6	12	75	6	16.43\$
3	6	100	3	17.05\$
4	8	100	4	18.65\$
5	10	100	5	21.93\$
6	12	100	6	21.93\$
8	16	100	8	37.10\$
10	20	100	10	47.83\$
12	25	100	12	63.45\$
6	30	150	6	32.90\$
8	30	150	8	55.63\$
10	40	150	10	71.75\$
12	40	150	12	95.10\$
14	40	150	14	142.03\$
16	40	150	16	145.73\$
18	40	150	18	236.35\$
20	40	150	20	244.23\$

ÜÇ AĞIZLI ALÜMİNYUM KARBÜR FREZE



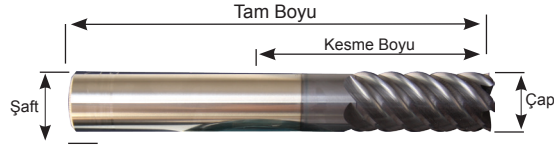
ÇAP	KESME BOYU	TAM BOYU	ŞAFT	FİYAT 50 HRC
3.0	8	50	3	9.33 \$
4.0	11	50	4	9.33 \$
5.0	13	50	5	12.05 \$
6.0	15	50	6	12.05 \$
8.0	20	60	8	18.70 \$
10.0	25	75	10	27.55 \$
12.0	30	75	12	42.10 \$
14.0	32	84	14	62.88 \$
14.0	45	100	14	75.75 \$
16.0	32	93	16	71.50 \$
16.0	45	100	16	77.75 \$
18.0	35	93	18	115.98 \$
18.0	45	100	18	126.05 \$
20.0	45	100	20	126.35 \$

KABATALAŞ KARBÜR FREZE

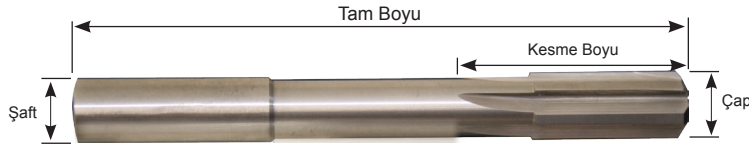


ÇAP	KESME BOYU	TAM BOYU	ŞAFT	FİYAT 50 HRC
6.0	15	50	6	20.30 \$
8.0	20	60	8	29.60 \$
10.0	25	75	10	42.88 \$
12.0	30	75	12	64.70 \$
14.0	32	84	14	95.88 \$
16.0	32	93	16	108.80 \$
18.0	35	93	18	175.53 \$
20.0	45	100	20	191.08 \$

ÇOK(6) AĞIZLI KARBÜR FREZE



ÇAP	KESME BOYU	TAM BOYU	ŞAFT	FİYAT 50 HRC
6.0	15	50	6	15.93\$
8.0	20	60	8	23.05\$
10.0	25	75	10	33.23\$
12.0	30	75	12	49.98\$
14.0	32	84	14	73.85\$
14.0	45	100	14	88.68\$
16.0	32	93	16	83.78\$
16.0	45	100	16	90.95\$
18.0	35	93	18	134.93\$
18.0	45	100	18	146.50\$
20.0	45	100	20	146.85\$



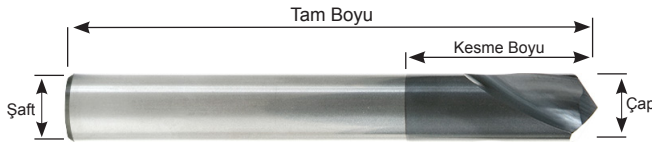
KARBÜR RAYBA

ÇAP	KESME BOYU	TAM BOYU	ŞAFT	FİYAT 50 HRC
2.0	25	50	2	25.60\$
2.5	25	50	3	25.60\$
3.0	25	50	3	20.80\$
4.0	25	55	4	24.80\$
5.0	30	60	5	30.46\$
6.0	35	75	6	38.73\$
7.0	50	100	7	60.28\$
8.0	50	100	8	60.28\$
9.0	60	120	9	92.18\$
10.0	60	120	10	92.18\$
11.0	60	120	11	106.55\$
12.0	60	120	12	106.55\$



KARBÜR PUNTA MATKABI

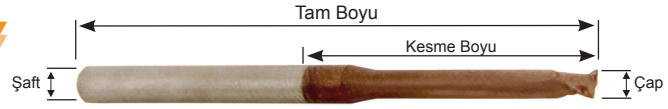
ÇAP	KESME BOYU	TAM BOYU	ŞAFT	FİYAT 50 HRC
1.0	1.3	50	3	17.25 \$
1.25	1.6	50	3	17.25 \$
1.6	2	50	4	20.25 \$
2.0	2.5	50	5	22.65 \$
2.5	3.1	57	6	25.28 \$
3.15	3.9	63	8	33.38 \$
4.0	5	72	10	43.13 \$
5.0	6.3	83	12	60.00 \$
6.3	8	92	16	100.00 \$
8.0	10.1	100	20	173.25 \$



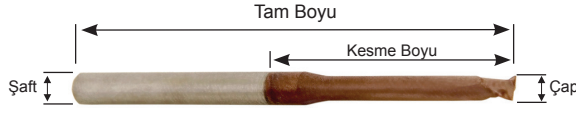
KARBÜR NC PUNTA MATKABI

ÇAP	KESME BOYU	TAM BOYU	ŞAFT	FİYAT 50 HRC
3.0	8	50	3	7.83\$
4.0	10	50	4	11.08\$
5.0	13	50	5	13.90\$
6.0	13	57	6	19.25\$
8.0	20	63	8	35.23\$
10.0	20	72	10	45.50\$
12.0	24	83	12	66.03\$

KÖŞE RADÜS DALMA BOY KARBÜR FREZE



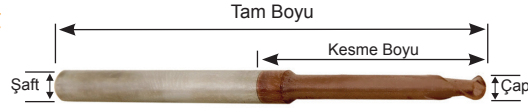
ÇAP	KESME BOYU	DALMA BOYU	TAM BOYU	ŞAFT	FİYAT 60 HRC
1.0xR0.2	1.2	4	50	4	21.00 \$
1.0xR0.2	1.2	6	50	4	21.00 \$
1.0xR0.2	1.2	8	50	4	21.00 \$
1.0xR0.2	1.2	10	50	4	21.00 \$
1.0xR0.2	1.2	12	50	4	21.00 \$
1.5xR0.2	1.7	4	50	4	21.00 \$
1.5xR0.2	1.7	6	50	4	21.00 \$
1.5xR0.2	1.7	8	50	4	21.00 \$
1.5xR0.2	1.7	10	50	4	21.00 \$
1.5xR0.2	1.7	12	50	4	21.00 \$
1.5xR0.2	1.7	16	50	4	21.00 \$
1.5xR0.5	1.7	4	50	4	21.00 \$
1.5xR0.5	1.7	6	50	4	21.00 \$
1.5xR0.5	1.7	8	50	4	21.00 \$
1.5xR0.5	1.7	10	50	4	21.00 \$
1.5xR0.5	1.7	12	50	4	21.00 \$
1.5xR0.5	1.7	16	50	4	21.00 \$
2.0xR0.2	2.2	4	50	4	21.00 \$
2.0xR0.2	2.2	6	50	4	21.00 \$
2.0xR0.2	2.2	8	50	4	21.00 \$
2.0xR0.2	2.2	10	50	4	21.00 \$
2.0xR0.2	2.2	12	50	4	21.00 \$
2.0xR0.2	2.2	14	50	4	21.00 \$
2.0xR0.2	2.2	16	50	4	21.00 \$
2.0xR0.5	2.2	4	50	4	21.00 \$
2.0xR0.5	2.2	6	50	4	21.00 \$
2.0xR0.5	2.2	8	50	4	21.00 \$
2.0xR0.5	2.2	10	50	4	21.00 \$
2.0xR0.5	2.2	12	50	4	21.00 \$
2.0xR0.5	2.2	14	50	4	21.00 \$
2.0xR0.5	2.2	16	50	4	21.00 \$
3.0xR0.2	3.2	8	50	4	21.00 \$
3.0xR0.2	3.2	10	50	4	21.00 \$
3.0xR0.2	3.2	16	50	4	21.00 \$
3.0xR0.2	3.2	20	50	4	21.00 \$
3.0xR0.5	3.2	8	50	4	21.00 \$
3.0xR0.5	3.2	10	50	4	21.00 \$
3.0xR0.5	3.2	12	50	4	21.00 \$
3.0xR0.5	3.2	14	50	4	21.00 \$
3.0xR0.5	3.2	16	50	4	21.00 \$
3.0xR0.5	3.2	20	50	4	21.00 \$
4.0xR0.5	4.2	12	57	6	21.00 \$
4.0xR0.5	4.2	14	57	6	21.00 \$
4.0xR0.5	4.2	16	57	6	21.00 \$
4.0xR0.5	4.2	20	57	6	21.00 \$
4.0xR0.5	4.2	25	57	6	21.00 \$



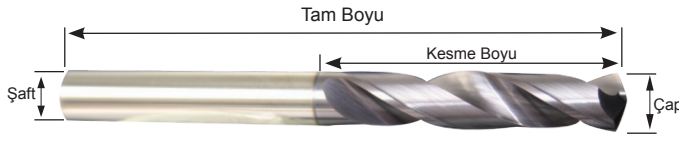
DÜZ DALMA BOY KARBÜR FREZE

ÇAP	KESME BOYU	DALMA BOYU	TAM BOYU	ŞAFT	FİYAT 60 HRC
0.4	0.6	2	50	4	21.00 \$
0.4	0.6	4	50	4	21.00 \$
0.5	0.8	2	50	4	21.00 \$
0.5	0.8	4	50	4	21.00 \$
0.5	0.8	6	50	4	21.00 \$
0.6	1.0	2	50	4	21.00 \$
0.6	1.0	4	50	4	21.00 \$
0.6	1.0	6	50	4	21.00 \$
0.6	1.0	8	50	4	21.00 \$
0.8	1.20	3	50	4	21.00 \$
0.8	1.20	4	50	4	21.00 \$
0.8	1.20	6	50	4	21.00 \$
0.8	1.20	8	50	4	21.00 \$
0.8	1.20	10	50	4	21.00 \$
1.0	1.20	4	50	4	21.00 \$
1.0	1.20	6	50	4	21.00 \$
1.0	1.20	8	50	4	21.00 \$
1.0	1.20	10	50	4	21.00 \$
1.0	1.20	12	50	4	21.00 \$
1.5	1.70	4	50	4	21.00 \$
1.5	1.70	6	50	4	21.00 \$
1.5	1.70	8	50	4	21.00 \$
1.5	1.70	10	50	4	21.00 \$
1.5	1.70	12	50	4	21.00 \$
2.0	2.20	6	50	4	21.00 \$
2.0	2.20	8	50	4	21.00 \$
2.0	2.20	10	50	4	21.00 \$
2.0	2.20	12	50	4	21.00 \$
2.0	2.20	14	50	4	21.00 \$
2.0	2.20	16	50	4	21.00 \$
3.0	3.20	8	50	4	21.00 \$
3.0	3.20	10	50	4	21.00 \$
3.0	3.20	12	50	4	21.00 \$
3.0	3.20	14	50	4	21.00 \$
3.0	3.20	16	50	4	21.00 \$
3.0	3.20	20	50	4	21.00 \$
4.0	4.20	12	57	6	21.00 \$
4.0	4.20	14	57	6	21.00 \$
4.0	4.20	16	57	6	21.00 \$
4.0	4.20	20	57	6	21.00 \$
4.0	4.20	25	57	6	21.00 \$

KÜRE DALMA BOY KARBÜR FREZE



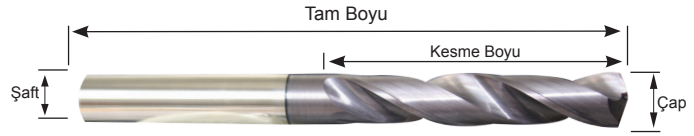
ÇAP	KESME BOYU	DALMA BOYU	TAM BOYU	ŞAFT	FİYAT 60 HRC
0.4	0.6	2	50	4	21.00 \$
0.4	0.6	4	50	4	21.00 \$
0.5	0.8	2	50	4	21.00 \$
0.5	0.8	4	50	4	21.00 \$
0.5	0.8	6	50	4	21.00 \$
0.6	1.0	2	50	4	21.00 \$
0.6	1.0	4	50	4	21.00 \$
0.6	1.0	6	50	4	21.00 \$
0.6	1.0	8	50	4	21.00 \$
0.8	1.20	3	50	4	21.00 \$
0.8	1.20	4	50	4	21.00 \$
0.8	1.20	6	50	4	21.00 \$
0.8	1.20	8	50	4	21.00 \$
0.8	1.20	10	50	4	21.00 \$
1.0	1.20	4	50	4	21.00 \$
1.0	1.20	6	50	4	21.00 \$
1.0	1.20	8	50	4	21.00 \$
1.0	1.20	10	50	4	21.00 \$
1.0	1.20	12	50	4	21.00 \$
1.5	1.70	4	50	4	21.00 \$
1.5	1.70	6	50	4	21.00 \$
1.5	1.70	8	50	4	21.00 \$
1.5	1.70	10	50	4	21.00 \$
1.5	1.70	12	50	4	21.00 \$
2.0	2.20	6	50	4	21.00 \$
2.0	2.20	8	50	4	21.00 \$
2.0	2.20	10	50	4	21.00 \$
2.0	2.20	12	50	4	21.00 \$
2.0	2.20	14	50	4	21.00 \$
2.0	2.20	16	50	4	21.00 \$
3.0	3.20	8	50	4	21.00 \$
3.0	3.20	10	50	4	21.00 \$
3.0	3.20	12	50	4	21.00 \$
3.0	3.20	14	50	4	21.00 \$
3.0	3.20	16	50	4	21.00 \$
3.0	3.20	20	50	4	21.00 \$
4.0	4.20	12	57	6	21.00 \$
4.0	4.20	14	57	6	21.00 \$
4.0	4.20	16	57	6	21.00 \$
4.0	4.20	20	57	6	21.00 \$
4.0	4.20	25	57	6	21.00 \$



STANDART KARBÜR MATKAP UCU

ÇAP	FİYAT 50 HRC	ÇAP	FİYAT 50 HRC
1.0x8x50	13.33 \$	7.0x34x74	32.48 \$
1.5x10x50	13.33 \$	7.1x34x74	32.48 \$
2.0x12x50	13.33 \$	7.2x34x74	32.48 \$
2.1x12x50	13.33 \$	7.3x34x74	32.48 \$
2.2x12x50	13.33 \$	7.4x34x74	32.48 \$
2.3x14x50	13.33 \$	7.5x34x74	34.50 \$
2.4x14x50	13.33 \$	7.6x37x79	34.50 \$
2.5x14x50	13.33 \$	7.7x37x79	34.50 \$
2.6x14x50	13.33 \$	7.8x37x79	34.50 \$
2.7x14x50	13.33 \$	7.9x37x79	34.50 \$
2.8x14x50	13.33 \$	8.0x37x79	36.78 \$
2.9x14x50	13.33 \$	8.1x37x79	36.78 \$
3.0x16x46	9.40 \$	8.2x37x79	36.78 \$
3.1x18x49	9.40 \$	8.3x37x79	36.78 \$
3.2x18x49	9.40 \$	8.4x37x79	36.78 \$
3.3x18x49	9.40 \$	8.5x37x79	39.03 \$
3.4x18x49	9.40 \$	8.6x40x84	39.03 \$
3.5x20x52	10.93 \$	8.7x40x84	39.03 \$
3.6x20x52	10.93 \$	8.8x40x84	39.03 \$
3.7x20x52	10.93 \$	8.9x40x84	39.03 \$
3.8x20x52	10.93 \$	9.0x40x84	41.75 \$
3.9x20x52	10.93 \$	9.1x40x84	41.75 \$
4.0x22x55	12.63 \$	9.2x40x84	41.75 \$
4.1x22x55	12.63 \$	9.3x40x84	41.75 \$
4.2x22x55	12.63 \$	9.4x40x84	41.75 \$
4.3x22x55	12.63 \$	9.5x40x84	44.48 \$
4.4x22x55	12.63 \$	9.6x43x89	44.48 \$
4.5x24x58	14.05 \$	9.7x43x89	44.48 \$
4.6x24x58	14.05 \$	9.8x43x89	44.48 \$
4.7x24x58	14.05 \$	9.9x43x89	44.48 \$
4.8x24x58	14.05 \$	10.0x43x89	47.05 \$
4.9x24x58	14.05 \$	10.5x43x89	60.40 \$
5.0x26x62	15.45 \$	11.0x47x95	60.40 \$
5.1x26x62	15.45 \$	11.5x47x95	67.58 \$
5.2x26x62	15.45 \$	12.0x51x102	67.58 \$
5.3x26x62	15.45 \$	12.5x51x102	78.30 \$
5.4x26x62	15.45 \$	13.0x51x102	83.70 \$
5.5x28x66	17.08 \$	13.5x51x102	94.30 \$
5.6x28x66	17.08 \$	14.0x54x107	114.00 \$
5.7x28x66	17.08 \$	14.5x54x107	124.68 \$
5.8x28x66	17.08 \$	15.0x56x111	131.95 \$
5.9x28x66	17.08 \$	15.5x56x111	138.98 \$
6.0x28x66	20.80 \$	16.0x58x115	148.83 \$
6.1x31x70	20.80 \$	16.5x58x115	156.13 \$
6.2x31x70	20.80 \$	17.0x62x123	164.63 \$
6.3x31x70	20.80 \$	17.5x62x123	164.63 \$
6.4x31x70	20.80 \$	18.0x62x123	173.13 \$
6.5x31x70	23.70 \$	18.5x62x123	181.23 \$
6.6x31x70	23.70 \$	19.0x66x131	193.18 \$
6.7x31x70	23.70 \$	19.5x66x131	204.43 \$
6.8x31x70	23.70 \$	20.0x66x131	215.93 \$
6.9x34x74	23.70 \$		

5XD KARBÜR MATKAP UCU



ÇAP	FİYAT 50 HRC	ÇAP	FİYAT 50 HRC
3.0x23x66	25.60 \$	7.6x43x91	42.10 \$
3.1x23x66	25.60 \$	7.7x43x91	42.10 \$
3.2x23x66	25.60 \$	7.8x43x91	42.10 \$
3.3x23x66	25.60 \$	7.9x43x91	42.10 \$
3.4x23x66	25.60 \$	8.0x43x91	42.10 \$
3.5x23x66	25.60 \$	8.1x49x103	54.20 \$
3.6x23x66	25.60 \$	8.2x49x103	54.20 \$
3.7x23x66	25.60 \$	8.3x49x103	54.20 \$
3.8x29x74	28.50 \$	8.4x49x103	54.20 \$
3.9x29x74	28.50 \$	8.5x49x103	54.20 \$
4.0x29x74	28.50 \$	8.6x49x103	54.20 \$
4.1x29x74	28.50 \$	8.7x49x103	54.20 \$
4.2x29x74	28.50 \$	8.8x49x103	54.20 \$
4.3x29x74	28.50 \$	8.9x49x103	54.20 \$
4.4x29x74	28.50 \$	9.0x49x103	54.20 \$
4.5x29x74	28.50 \$	9.1x49x103	54.20 \$
4.6x29x74	28.50 \$	9.2x49x103	54.20 \$
4.7x29x74	28.50 \$	9.3x49x103	54.20 \$
4.8x35x82	31.40 \$	9.4x49x103	54.20 \$
4.9x35x82	31.40 \$	9.5x49x103	54.20 \$
5.0x35x82	31.40 \$	9.6x49x103	54.20 \$
5.1x35x82	31.40 \$	9.7x49x103	54.20 \$
5.2x35x82	31.40 \$	9.8x49x103	54.20 \$
5.3x35x82	31.40 \$	9.9x49x103	54.20 \$
5.4x35x82	31.40 \$	10x49x103	54.20 \$
5.5x35x82	31.40 \$	10.5x56x118	79.43 \$
5.6x35x82	31.40 \$	11.0x56x118	79.43 \$
5.7x35x82	31.40 \$	11.5x56x118	79.43 \$
5.8x35x82	31.40 \$	12.0x56x118	79.43 \$
5.9x35x82	31.40 \$	12.5x60x124	129.35 \$
6.0x35x82	31.40 \$	13.0x60x124	131.85 \$
6.1x43x91	42.10 \$	13.5x60x124	131.85 \$
6.2x43x91	42.10 \$	14.0x60x124	131.85 \$
6.3x43x91	42.10 \$	14.5x63x133	171.88 \$
6.4x43x91	42.10 \$	15.0x63x133	171.88 \$
6.5x43x91	42.10 \$	15.5x63x133	171.88 \$
6.6x43x91	42.10 \$	16.0x63x133	171.88 \$
6.7x43x91	42.10 \$	16.5x71x143	201.05 \$
6.8x43x91	42.10 \$	17.0x71x143	201.05 \$
6.9x43x91	42.10 \$	17.5x71x143	201.05 \$
7.0x43x91	42.10 \$	18.0x71x143	201.05 \$
7.1x43x91	42.10 \$	18.5x77x153	251.93 \$
7.2x43x91	42.10 \$	19.0x77x153	251.93 \$
7.3x43x91	42.10 \$	19.5x77x153	251.93 \$
7.4x43x91	42.10 \$	20.0x77x153	251.93 \$
7.5x43x91	42.10 \$		

TEK PARÇA KARBÜR MATKAP

MATKAP MODELİ

Sayfa No:

MATKAP MODELİ	Sayfa No:	İşlenecek Malzeme	Kesme Hızı V(m/min)	Besleme Devir (mm/r)
Üç ağızlı karbür matkap	GÖRSEL GELECEK	döküm-demir paslanmaz çelik alüminyum,alüminyum alaş Ti,Ti alaşım	60-90 35-45 120-180 25-40	0.10-0.40 0.04-0.20 0.125-0.500 0.04-0.16
Burgulu karbür matkap	P14-02	çelik döküm-demir	80-100 80-120	0.063-0.400 0.10-0.50
Kademeli karbür matkap	P15-02	çelik döküm-demir	80-100 75-90	0.063-0.400 0.10-0.50
Merkez matkabı	P16-02	çelik,döküm-demir	10-30	0.01-0.08
Merkezleme karbür matkabı	P16-01	çelik,döküm-demir	60-90	0.063-0.250

Çevrim Tablosu m/min to RPM

Çevrim formülü: $m/min = (3.14 \times RPM) / 1000$

$RPM = (1000 \times m/min) / (3.14 \times \text{çap})$

m/mm	RPM									
	3.0mm	6.0mm	10.0mm	12.0mm	16.0mm	18.0mm	20.0mm	25.0mm		
10	1060	530	320	265	200	175	160	125		
20	2120	1060	630	530	400	350	320	250		
40	4240	2120	1270	1060	795	710	630	510		
60	6360	3180	1900	1590	1190	1060	950	760		
80	8490	4240	2540	2120	1590	1410	1270	1020		
100	10600	5300	3180	2650	1990	1770	1540	1270		
150	15190	7950	4770	3980	2980	2650	2390	1910		
200	21210	10600	6360	5300	3980	3530	3180	2540		
250	26520	13260	7950	6630	4970	4420	3980	3180		
300	31820	15190	9550	7950	5970	5300	4770	3820		
350	37130	18560	11140	9280	6960	6190	5570	4450		
400	42430	21210	12730	10610	7960	7070	6360	5090		
450	47740	23820	14320	11930	8950	7960	7160	5730		
500	53040	26520	15910	13260	9940	8840	7950	6360		
550	58350	29170	17500	14590	10940	9720	8750	7000		
600	63650	31820	19090	15910	11930	10610	9550	7640		

FREZE MODELİ

İşlenecek Malzeme	Kesme Hızı V(m/min)	Besleme/dış (mm/z)	Kesme derinliği ap(mm)	Kesme derinliği aw(mm)
çelik döküm-demir	70-105 100-120	0.01-0.066 0.01-0.066	0.4-0.6D	≤D
çelik döküm demir	90-160 100-150	mil yuvası 0.01-0.10 mil kenarı 0.03-0.3 mil yuvası 0.02-0.15 mil kenarı 0.06-0.45	mil yuvası ≤D mil kenarı ≤1.5D	mil yuvası≤D mil kenarı≤0.2D
çelik döküm-demir	80-220 230-280	0.01-0.08 0.02-0.10	≤0.4D	≤D
çelik döküm-demir	120-170 250	0.01-0.08 0.02-0.10	≤0.4D	≤D

NOT: D çaptır.



TEKNOTEK

KESİCİ TAKIMLAR
SAN. TİC. LTD. ŞTİ.

FERHATPAŞA CADDESİ
APEK ÜRETİM İŞ MERKEZİ
C BLOK NO: 19-20-21
TOPÇULAR / EYÜP / İSTANBUL

SATIŞ TEKNO MAKİNA
TEL: 0212 577 64 42 - 43 - 45
FAX: 0212 612 94 89

E-MAIL:
info@teknomakina.com.tr

WEB:
www.teknomakina.com.tr

