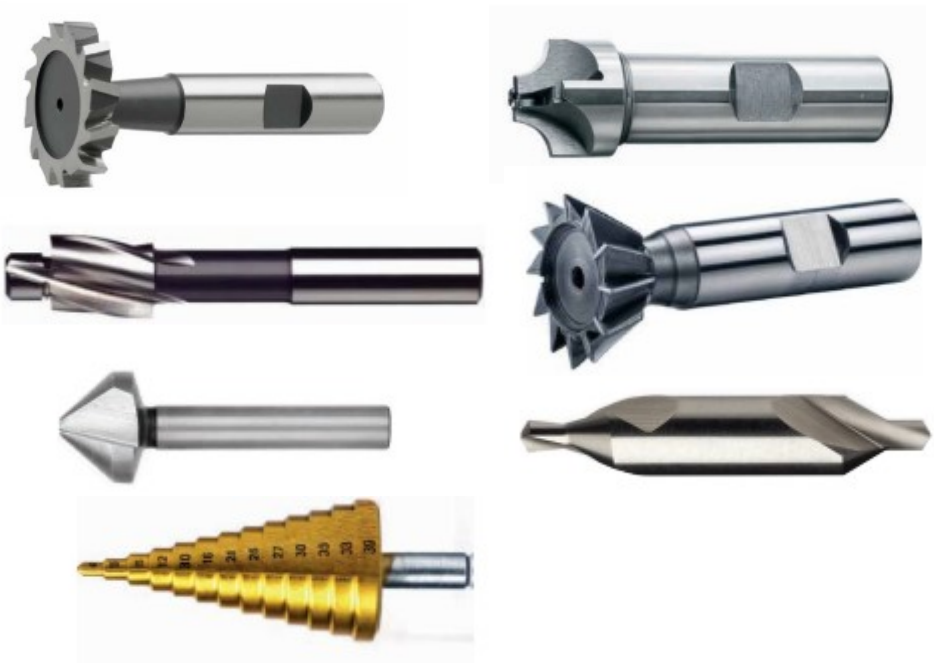
TAMTAKIM APARAT

CNC / UNIVERSAL

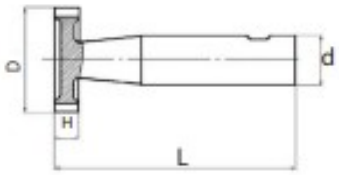
www.tamtakim.com

- HSS T FREZELER
- HSS KÖŞE YUVARLAMA FREZELERİ
- KIRLANGIÇ ve SABİT PİLOT FREZELERİ-SENKER
- HSS HAVŞA FREZELERİ
- HSS PUNTA MATKAP UÇLARI
- PUNTA MATKABI DIN 333A - HSS CO5 * COBALTLI
- KADEMELİ SAC MATKAPLARI



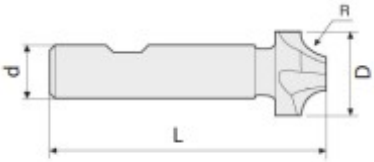
Telefon: 0532 266 2573 e-mail: info@tamtakim.com

HSS T FREZELER



KOD	D (mm)	H (mm)	L (mm)	d (mm)	DİŞ SAYISI	FİYAT USD
TRF10502	10,5	2	50	6	6	13,00 $
TRF10525	10,5	2,5	50	6	6	13,00 $
TRF10503	10,5	3	50	6	6	13,00 $
TRF13502	13,5	2	56	8	6	15,10 $
TRF13503	13,5	3	56	8	6	15,10 $
TRF13504	13,5	4	56	8	6	15,10 $
TRF16502	16,5	2	56	10	6	18,30 $
TRF16503	16,5	3	56	10	6	18,30 $
TRF16504	16,5	4	56	10	6	18,30 $
TRF16505	16,5	5	56	10	6	18,30 $
TRF19503	19,5	3	56	12	8	20,70 $
TRF19504	19,5	4	56	12	8	20,70 $
TRF19505	19,5	5	56	12	8	20,70 $
TRF19506	19,5	6	56	12	8	20,70 $
TRF22504	22,5	4	56	12	8	22,60 $
TRF22505	22,5	5	63	12	8	22,60 $
TRF22506	22,5	6	63	12	8	22,60 $
TRF22508	22,5	8	63	12	8	22,60 $
TRF25505	25,5	5	63	12	10	27,10 $
TRF25506	25,5	6	63	12	10	27,10 $
TRF28506	28,5	6	63	12	10	31,00 $
TRF28508	28,5	8	63	12	10	31,00 $
TRF28510	28,5	10	71	12	10	31,00 $
TRF32506	32,5	6	71	16	10	38,90 $
TRF32507	32,5	7	71	16	10	38,90 $
TRF32508	32,5	8	71	16	10	38,90 $
TRF32510	32,5	10	71	16	10	38,90 $
TRF38508	38,5	8	71	16	10	44,50 $
TRF45508	45,5	8	71	20	12	63,00 $
TRF45510	45,5	10	71	20	12	63,00 $

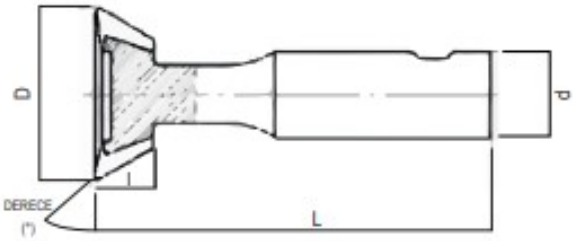
HSS KÖŞE YUVARLAMA FREZELERİ



KOD	R (mm)	D (mm)	L (mm)	d (mm)	DİŞ SAYISI	FİYAT USD
TKV10010	1	9	60	10	4	18,30 $
TKV10015	1,5	9	60	10	4	18,30 $
TKV10020	2	10	60	10	4	18,30 $
TKV10025	2,5	11	60	10	4	18,30 $
TKV10030	3	12	60	12	4	22,70 $
TKV10035	3,5	13	60	12	4	26,00 $
TKV10040	4	14	60	12	4	26,00 $
TKV10045	4,5	15	60	12	4	29,80 $
TKV10050	5	16	60	12	4	29,80 $
TKV10055	5,5	19	67	16	4	40,00 $
TKV10060	6	20	67	16	4	40,00 $
TKV10065	6,5	21	71	16	4	51,40 $
TKV10070	7	22	71	16	4	51,40 $
TKV10075	7,5	23	71	16	4	57,00 $
TKV10080	8	24	71	16	4	57,00 $
TKV10085	8,5	25	85	25	4	85,00 $
TKV10100	10	28	85	25	4	95,00 $
TKV10120	12	34	90	25	4	105,00 $

KIRLANGIÇ ve SABİT PİLOT FREZELER

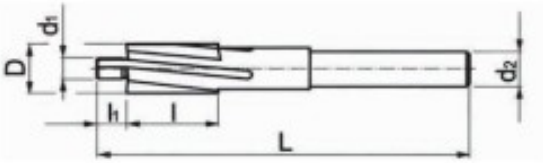
KIRLANGIÇ FREZE DIN 1833A



*** HSSE CO5**

KOD	DERECE (°)	D (mm)	l (mm)	L (mm)	d (mm)	DİŞ SAYISI	FİYAT USD
TK45016	45°	16	4	60	12	10	25,10 $
TK45020	45°	20	5	63	12	10	26,50 $
TK45025	45°	25	6,3	67	12	10	31,30 $
TK45032	45°	32	8	71	16	12	44,00 $
TK60016	60°	16	6,3	60	12	10	25,10 $
TK60020	60°	20	8	63	12	10	26,50 $
TK60025	60°	25	10	67	12	10	31,30 $
TK60032	60°	32	12,5	71	16	12	44,00 $

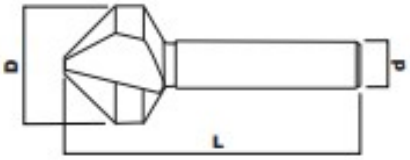
SABİT PİLOTLU HAVŞA FREZE HSS



KOD	CİVATA	D (mm)	d1 (mm)	d2 (mm)	L (mm)	1 (mm)	ı (mm)	FİYAT USD
T37303	M3	6	3,2	5	71	14	4	8,50 $
T37304	M4	8	4,3	5	71	14	4	12,00 $
T37305	M5	10	5,3	8	80	18	6	12,10 $
T37306	M6	11	6,4	8	80	18	6	16,00 $
T37308	M8	15	8,4	12,5	100	22	8	19,50 $
T37310	M10	18	10,5	12,5	100	22	10	22,10 $
T37312	M12	20	13	12,5	100	22	12	29,00 $
T37314	M14	24	15	12,5	100	22	14	34,50 $
T37316	M16	24	15	12,5	100	22	16	38,50 $

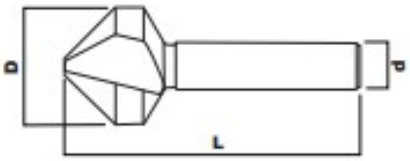
HSS HAVŞA FREZELERİ

HAVŞA FREZE 90°



KOD	D (mm)	d (mm)	L (mm)	FİYAT USD
T335083	8,3	50	6	4,50 $
T335104	10,4	50	8	5,30 $
T335124	12,4	56	10	5,80 $
T335160	16,0	60	10	6,60 $
T335165	16,5	60	10	6,80 $
T335200	20,0	63	10	8,40 $
T335205	20,5	63	10	8,60 $
T335250	25,0	67	10	12,30 $
T335255	25,5	67	10	12,40 $
T335300	30,0	71	10	18,30 $
T335350	35,0	80	12	26,75 $
T335400	40,0	80	12	31,00 $
T335500	50,0	85	12	46,50 $

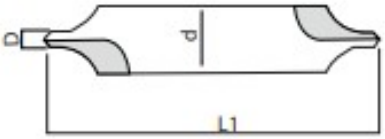
HAVŞA FREZE 60°



KOD	D (mm)	d (mm)	L (mm)	FİYAT USD
T334080	8	6	50	6,75 $
T334100	10	8	50	7,50 $
T334125	12,5	8	56	9,00 $
T334160	16	10	60	10,00 $
T334200	20	10	63	13,00 $
T334250	25	12	67	17,30 $
T334300	30	12	71	25,80 $
T334400	40	12	80	51,00 $

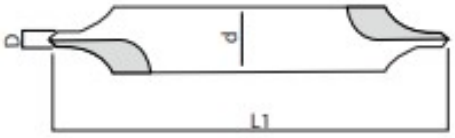
HSS PUNTA MATKAP UÇLARI

PUNTA MATKABI DIN 333A - HSS



KOD	D (mm) ÖLÇÜ	d (mm)	L1 (mm)	FİYAT USD
T333A100	1,00	3,15	31,50	1,50 $
T333A125	1,25	3,15	31,50	1,50 $
T333A160	1,60	4,00	35,5	1,20 $
T333A200	2,00	5,00	40,0	1,30 $
T333A250	2,50	6,30	45,0	1,60 $
T333A315	3,15	8,00	50,0	1,80 $
T333A400	4,00	10,00	56,0	2,50 $
T333A500	5,00	12,50	63,0	4,45 $
T333A630	6,30	16,00	71,0	8,00 $
T333A800	8,00	20,00	80,0	16,00 $
T333A1000	10,00	25,00	100,0	23,00 $

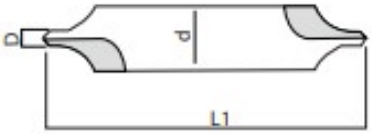
UZUN PUNTA MATKABI DIN 333A - HSS



KOD	D (mm) ÖLÇÜ	d (mm)	L1 (mm)	FİYAT USD
T333U200	2,00	5,00	76	3,30 $
T333U250	2,50	6,30	102	3,50 $
T333U315	3,15	8,00	102	4,30 $
T333U400	4,00	10,00	127	6,00 $
T333U500	5,00	12,50	127	9,00 $
T333U630	6,30	16,00	127	15,00 $

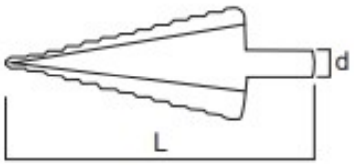
KOBALTLI PUNTA MATKAP UÇLARI VE KADEMELİ SAC MATKAP UÇLARI

PUNTA MATKABI DIN 333A - HSS CO5 * COBALTLI



KOD	ÖLÇÜ	GÖBEK ÇAPI	FİYAT USD
TCO333A200	2,00	5,00	2,00 $
TCO333A250	2,50	5,00	2,30 $
TCO333A315	3,15	8,00	3,20 $
TCO333A400	4,00	10,00	4,00 $
TCO333A500	5,00	12,50	6,60 $
TCO333A630	6,30	1600	12,65 $
TCO333A800	8,00	20,00	24,00 $
TCO333A1000	10,00	25,00	34,50 $

KADEMELİ SAÇ MATKAPLARI



KOD	ÖLÇÜ	L (mm)	d (mm)	EBAT ÖLÇÜLERİ (mm)	FİYAT USD
T4170420	4-20 mm x 2 mm	70	8	4-6-8-10-12-16-18-20	4,60 $
T4170636	6-36 mm x 3 mm	100	10	6-8-10-12-16-18-20-22-24-26-28-30-32-34-36	10,40 $
T4170439	4-39 mm x 3 mm	100	10	4-6-8-10-12-16-18-20-22-24-26-28-30-32-34-36-39	16,50 $

KADEMELİ SAÇ MATKAP SET

KOD	SET İÇERİĞİ (mm)	FİYAT USD
T417SET	4-12 / 4-20 / 4-30	17,90 $