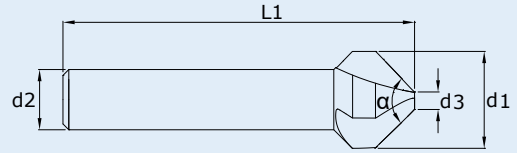


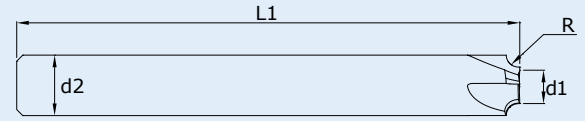
Solid carbide countersinker
VHM - Kegelsenker
Fraises Coniques en carbure
Karbür Havşa Freze



H	S	1040	T	3	C	03	G	90	N	050
COUNTER	MG-10		TOOLEX							
TYPE	QUALITY	DIAMETER	NORM	FLUTES	SHAFT TYPE	FLUTE LENGTH	HELICAL	EDGE ANGEL	COATED	FULL LENGTH

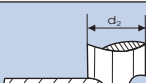
d1	α	d3	L1	d2	Z	Uncoated Code	Price (Euro)	Coated Code	Price (Euro)
6,3	90°	2,0	45	5	3	HS0630T3C02G90B045		HS0630T3C02G90N045	
8,3	90°	2,0	50	6	3	HS0830T3C02G90B050		HS0830T3C02G90N050	
10,4	90°	2,5	50	6	3	HS1040T3C03G90B050		HS1040T3C03G90N050	
12,4	90°	2,8	56	8	3	HS1240T3C03G90B056		HS1240T3C03G90N056	
15,0	90°	3,2	60	10	3	HS1500T3C04G90B060		HS1500T3C04G90N060	
16,5	90°	3,2	60	10	3	HS1650T3C04G90B060		HS1650T3C04G90N060	
20,5	90°	3,5	63	10	3	HS2050T3C04G90B063		HS2050T3C04G90N063	
25,0	90°	3,8	67	10	3	HS2500T3C04G90B067		HS2500T3C04G90N067	
31,0	90°	4,2	71	12	3	HS3100T3C05G90B071		HS3100T3C05G90N071	

Solid carbide corner rounding cutters
VHM - Viertelkreisfräser
Fraises au quart de cercle en carbure
Karbür Dış Köşe Freze



I	S	0350	T	4	C	10	G	35	N	092
INNER RADIUS CUTTER	MG-10		TOOLEX							
TYPE	QUALITY	DIAMETER	NORM	FLUTES	SHAFT TYPE	FLUTE LENGTH	HELICAL	RADIUS	COATED	FULL LENGTH

R	d1	L1	d2	Z	R	Uncoated Code	Price (Euro)	Coated Code	Price (Euro)
0,5	7	63	8	4	0,5	IS0050T4C07G05B063		IS0050T4C07G05N063	
1,0	6	63	8	4	1,0	IS0100T4C06G10B063		IS0100T4C06G10N063	
1,5	7	72	10	4	1,5	IS0150T4C07G15B072		IS0150T4C07G15N072	
2,0	6	83	10	4	2,0	IS0200T4C06G20B083		IS0200T4C06G20N083	
2,5	7	83	12	4	2,5	IS0250T4C07G25B083		IS0250T4C07G25N083	
3,0	6	83	12	4	3,0	IS0300T4C06G30B083		IS0300T4C06G30N083	
3,5	9	92	16	4	3,5	IS0350T4C09G35B092		IS0350T4C09G35N092	
4,0	8	92	16	4	4,0	IS0400T4C08G40B092		IS0400T4C08G40N092	
4,5	7	92	16	4	4,5	IS0450T4C07G45B092		IS0450T4C07G45N092	
5,0	10	104	20	4	5,0	IS0500T4C10G50B104		IS0500T4C10G50N104	
6,0	8	104	20	4	6,0	IS0600T4C08G60B104		IS0600T4C08G60N104	

	HRC 20-30			HRC 30-40			INOX			GG			AL			CU			TITAN			< 52 HRC		
	1.0050-2 1.0060-2 1.0070-2			1.5864 1.6580 1.7225			1.4405 1.4460 1.4505			0.6035 0.7080 0.8055			3.2151 3.2373 3.2382			2.1247 2.0580 2.0598			3.7035 3.7055 3.7065			1.3255 1.3265 1.3333		
	Vc=12 m/dk.			Vc=10 m/dk.			Vc=9 m/dk.			Vc=15 m/dk.			Vc=25 m/dk.			Vc=25 m/dk.			Vc=8 m/dk.			Vc=7 m/dk.		
	d1	fz	n	Vf	fz	n	Vf	fz	n	Vf	fz	n	Vf	fz	n	Vf	fz	n	Vf	fz	n	Vf	fz	n
9	0,040	425	17xZ	0,030	350	11xZ	0,020	320	7xZ	0,040	530	21xZ	0,05	885	44xZ	0,05	885	44xZ	0,010	280	3xZ	0,008	250	2xZ
11	0,045	350	16xZ	0,035	290	10xZ	0,025	260	7xZ	0,045	435	20xZ	0,08	725	58xZ	0,08	725	58xZ	0,012	230	3xZ	0,010	200	2xZ
13	0,050	295	15xZ	0,040	245	10xZ	0,030	220	7xZ	0,050	370	19xZ	0,10	610	61xZ	0,10	610	61xZ	0,015	195	3xZ	0,012	170	2xZ
17	0,055	225	12xZ	0,045	190	9xZ	0,035	170	6xZ	0,055	280	16xZ	0,12	470	57xZ	0,12	470	57xZ	0,017	150	3xZ	0,014	130	2xZ
21	0,060	180	11xZ	0,050	150	8xZ	0,040	140	6xZ	0,060	230	14xZ	0,15	380	57xZ	0,15	380	57xZ	0,020	120	3xZ	0,015	105	2xZ