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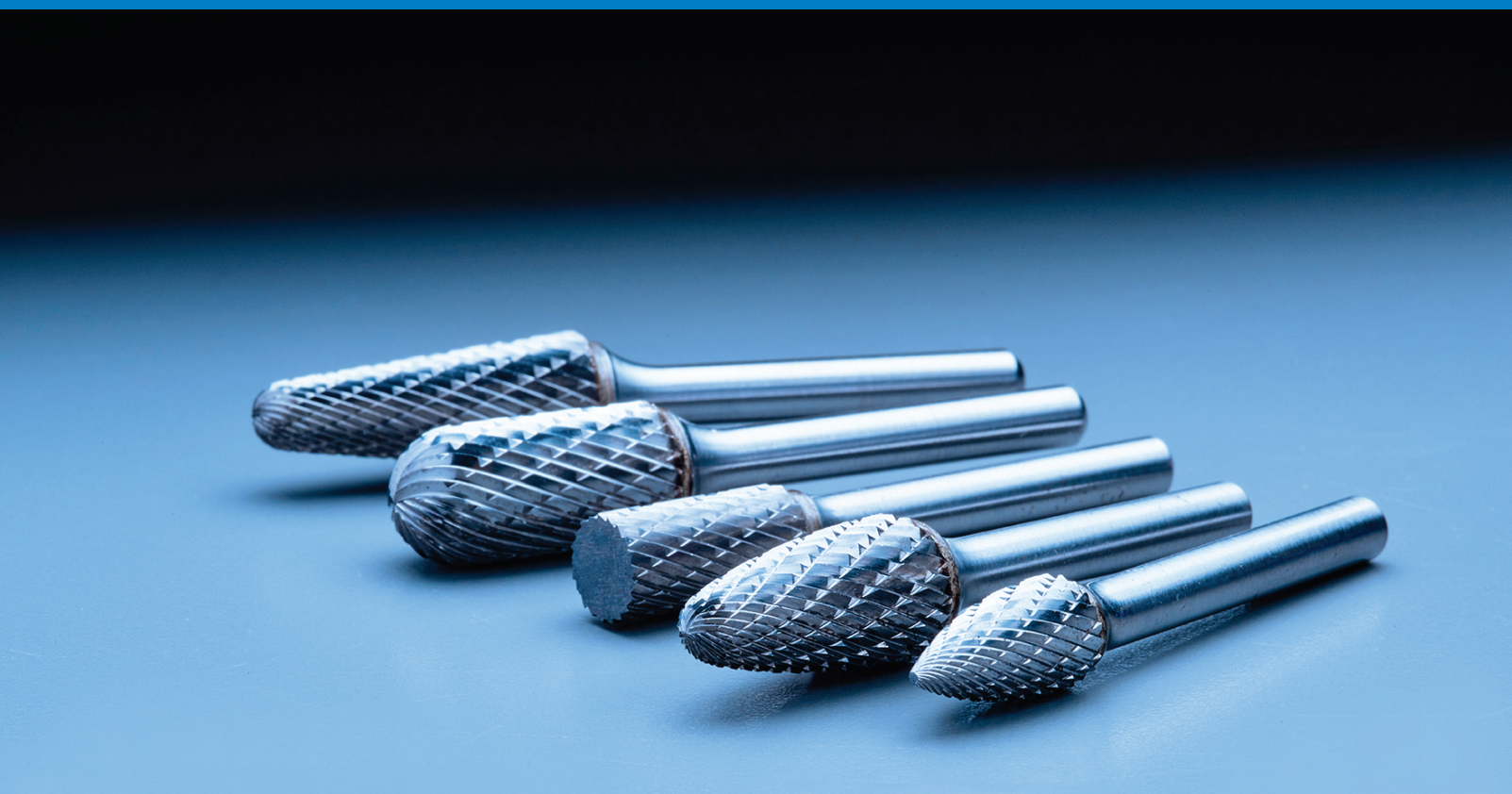
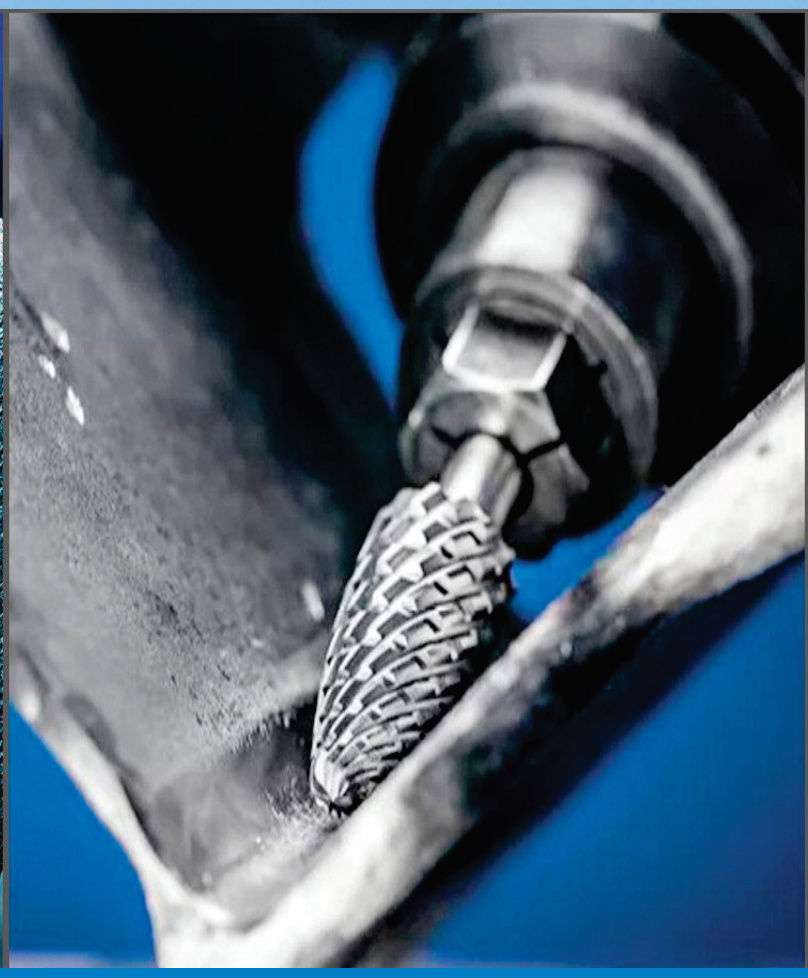


Freze carburi metalice



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Freze carburi metalice

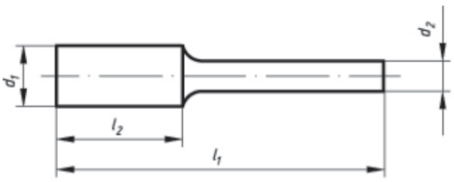
Forma danturii frezelor pe carburi metalice este de înaltă performanță și a fost dezvoltată pentru a oferi o soluție universală diferitelor tipuri de aplicații industriale. Printre aceste aplicații se numără curățarea cordoanelor de sudură, a pieselor turnate, prelucrarea oțelurilor călite, în ambele stări - moi și durificate, de asemenea, pot fi utilizate cu rezultate bune și la metale neferoase și materialelor plastice.

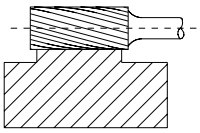
Frezele au o rată mare de îndepărtare a materialului prelucrat și sunt utilizate în construcțiile industriale și civile, industria navală, feroviară, auto, siderurgie și metalurgie, turnătorii, rulmenți, etc.

Pentru acest tip de freze viteza de tăiere recomandată este între 500 și 800 m/min, iar alegerea turației sculei (electrică, pneumatică) este strict legată de diametrul părții active a frezei de carburi, conform tabelului de mai jos:

Viteze de rotație a sculei (electrică, pneumatică)
pe baza diametrului frezei pe carbură și a vitezei de tăiere

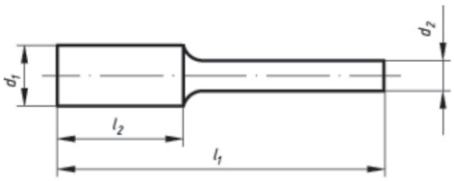
		Recomandare viteza de taiere vc [m/min]			
		500	600	700	800
		Viteza Rotatie [min-1]			
Diametru Parte Activa [mm]	2	80.000	95.000	111.000	127.000
	3	53.000	64.000	74.000	85.000
	4	40.000	48.000	56.000	64.000
	6	27.000	32.000	37.000	42.000
	8	20.000	24.000	28.000	32.000
	10	16.000	19.000	22.000	25.000
	12	13.000	16.000	19.000	21.000
	16	10.000	12.000	14.000	16.000
	20	8.000	10.000	11.000	13.000

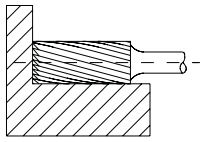




Forma A - cilindrica

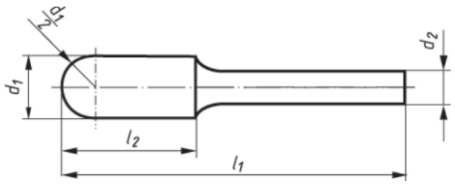
Similar DIN 8033	d_1 mm	l_2 mm	d_2 mm	l_1 mm
ZYA 0313	3	13	3	40
ZYA 0613	6	13	3	43
ZYA 0616	6	16	6	58
ZYA 0820	8	20	6	60
ZYA 1020	10	20	6	60
ZYA 1225	12	25	6	65
ZYA 1225	12	25	8	65

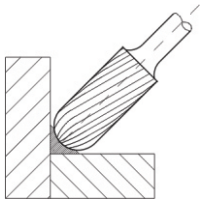




Forma B - cilindrica cu cap taietor

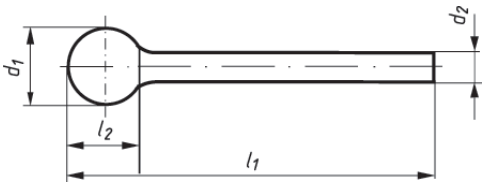
Similar DIN 8033	d_1 mm	l_2 mm	d_2 mm	l_1 mm
ZYB 0313	3	13	3	40
ZYB 0613	6	13	3	43
ZYB 0616	6	16	6	58
ZYB 0820	8	20	6	60
ZYB 1020	10	20	6	60
ZYB 1225	12	25	6	65

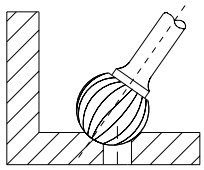




Forma C - cilindrica cu cap rotunjit

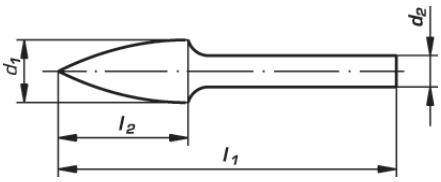
Similar DIN 8033	d_1 mm	l_2 mm	d_2 mm	l_1 mm
WRC 0210	2	10	3	40
WRC 0313	3	13	3	40
WRC 0613	6	13	3	43
WRC 0616	6	16	6	58
WRC 0820	8	20	6	60
WRC 1020	10	20	6	60
WRC 1225	12	25	6	65
WRC 1225	12	25	8	65
WRC 1625	16	25	6	65
WRC 1625	16	25	8	65

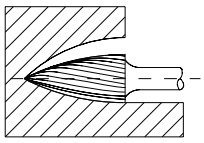




Forma D - sferica

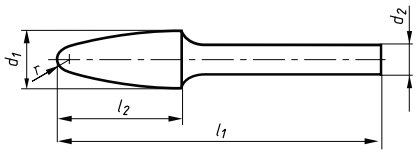
Similar DIN 8033	d_1 mm	l_2 mm	d_2 mm	l_1 mm
KUD 0302	3	2	3	40
KUD 0403	4	3	3	34
KUD 0605	6	5	3	35
KUD 0605	6	5	6	58
KUD 0807	8	7	6	47
KUD 1009	10	9	6	49
KUD 1210	12	10	6	51
KUD 1614	16	14	8	54

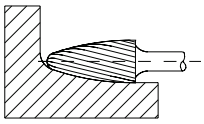




Forma G - arcuita cu cap ascutit

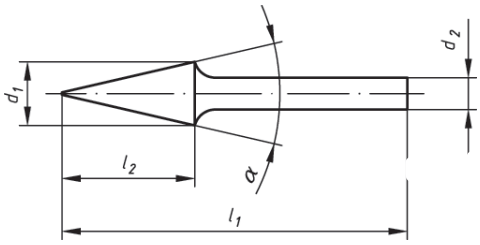
Similar DIN 8033	d_1 mm	l_2 mm	d_2 mm	l_1 mm
SPG 0307	3	7	3	40
SPG 0313	3	13	3	40
SPG 0613	6	13	3	43
SPG 0618	6	18	6	58
SPG 0820	8	20	6	60
SPG 1020	10	20	6	60
SPG 1225	12	25	6	65
SPG 1230	12	30	6	70
SPG 1230	12	30	8	70

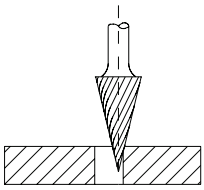




Forma F - arcuita cu cap rotunjit

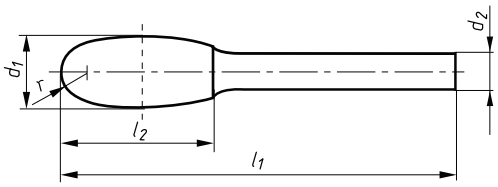
Similar DIN 8033	d_1 mm	l_2 mm	d_2 ã	l_1 mm	r mm
RBF 0313	3	13	3	40	0.75
RBF 0613	6	13	3	43	1.4
RBF 0618	6	18	6	58	1.5
-	8	20	6	60	1.8
RBF 1020	10	20	6	60	2.5
RBF 1225	12	25	6	65	2.5
RBF 1225	12	25	8	65	2.5

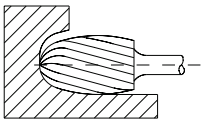




Forma M - conica cu cap ascutit

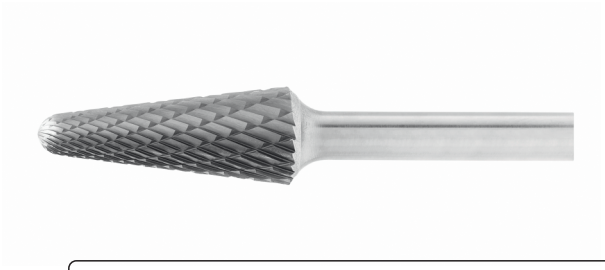
Similar DIN 8033	d_1 mm	l_2 mm	d_2 mm	l_1 mm	α
SKM 0311	3	11	3	40	14"
SKM 0613	6	13	3	43	25"
SKM 0618	6	18	6	58	16"
SKM 1020	10	20	6	60	27"
SKM 1225	12	25	6	65	26"

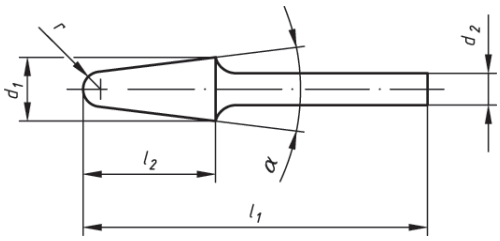


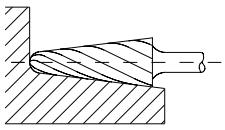


Forma E - ovala

Similar DIN 8033	d_1 mm	l_2 mm	d_2 mm	l_1 mm	r mm
TRE 0307	3	7	3	40	1.2
TRE 0610	6	10	6	58	2.8
TRE 1220	12	20	6	60	5

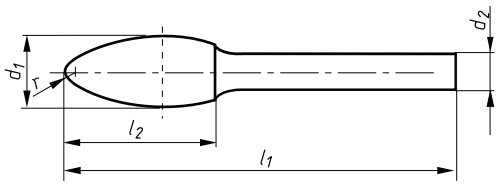


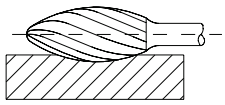




Forma L - conica cu cap rotunjit

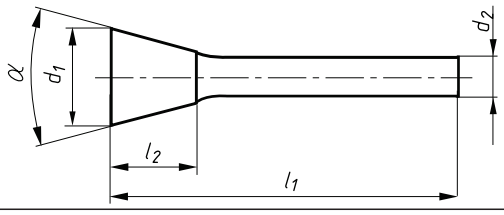
Similar DIN 8033	d_1 mm	l_2 mm	d_2 mm	l_1 mm	r mm	α
KEL 1230	12	30	6	70	2.6	14"

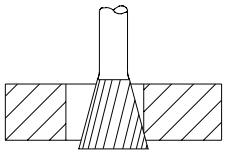




Forma H - flacara

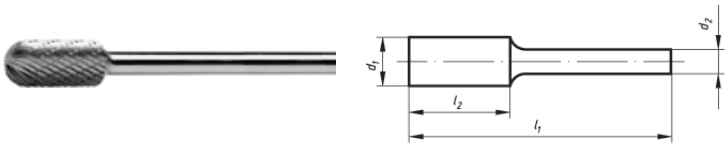
	d_1 mm	l_2 mm	d_2 mm	l_1 mm	r mm
	6	13	3	40	1.0



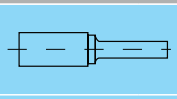
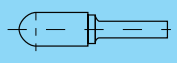
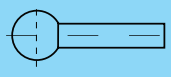
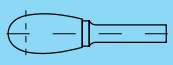
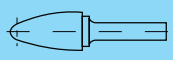
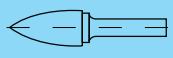
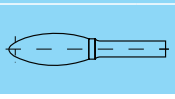


Forma N - con inversat cu cap taietor

Similar DIN 8033	d_1 mm	l_2 mm	d_2 mm	l_1 mm	α
WKN-S 0307	3	7	3	40	10"



Freze extinse - lungime tija 200 mm

Forma	d_1 mm	l_2 mm	d_2 mm	l_1 mm
	12	25	6	225
	6	16	6	216
	8	20	6	220
	10	20	6	220
	12	25	6	225
	6	5	6	205
	8	7	6	207
	10	9	6	209
	12	10	6	210
	12	10	8	210
	12	20	6	220
	12	20	8	220
	6	18	6	218
	12	30	8	230
	6	18	6	218
	12	30	8	230
	10	20	6	220

Set de freze, tija de 3 mm - 10 buc bucati

Similar DIN 8033	*Contine cate o bucata din fiecare*
ZYA 0313	
ZYA 0613	
WRC 0313	
WRC 0613	
KUD 0302	
KUD 0605	
SPG 0313	
SPG 0613	
SKM 0613	
RBF 0313	

Set de freze, tija de 6 mm - 10 buc

Similar DIN 8033	*Contine cate o bucata din fiecare*
ZYA 0616	
WRC 0616	
KUD 0605	
SPG 0618	
RBF 0618	
ZYA 1225	
WRC 1225	
KUD 1210	
SPG 1225	
RBF 1225	

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Întotdeauna Soluția Potrivită - din 1991!