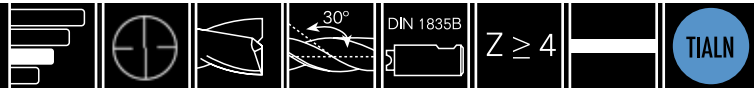


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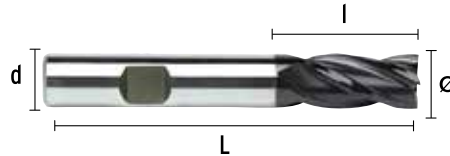
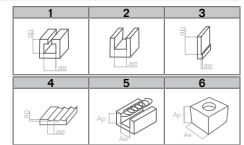


Vc (m/min)	P				M		K			N				S		H		
	<800 ● 55-85	<1.000 ● 50-60	<1.200 ○ 35-40	<1.400	<950 ● 35-40	<1.200 ○ 28-35	<500 ● 55-60	<800 ● 30-40	<1.400 ○ 30-35	Al ○ 90-200	Cu ○ 80-120	Mg/Zn ○ 90-130	Plastic ○ 75-190	Ni ● 15-40	Ti ● 30-40	50 HRC	55 HRC	60 HRC
K	1	1	0,7	0,7	0,7	1	1	1	0,7	1,3	1	1	1,3	0,7	0,7	0,7	0,7	0,7
fz	Ap	Ae	Ø1	Ø2	Ø3	Ø4	Ø5	Ø6	Ø8	Ø10	Ø12	Ø14	Ø16	Ø18	Ø20	Ø25	Ø32	Ø40
	1																	
	2	1xD	0,5xD				0,033	0,044	0,465	0,465	0,465	0,465						
	3	1xD	0,5xD				0,033	0,044	0,465	0,465	0,465	0,465						
	4																	
	5																	
	6																	

$v_f(\text{mm/min}) = \text{rpm} \times Z \times f_z \times K$
 $\text{rpm} = (V_c \times 1000) / (\pi \times D)$

● Optima / Optimun ○ Alternativo / Alternative

Fresado
Fraisage
Milling
Fräsen



Ø mm	Z	d mm	L mm	l mm		Ø mm	Z	d mm	L mm	l mm	
6,00	4	6	57	13	1	14,00	4	12	83	26	1
8,00	4	10	69	19	1	16,00	4	16	92	32	1
10,00	4	10	72	22	1	18,00	4	16	92	32	1
12,00	4	12	83	26	1	20,00	4	20	104	38	1