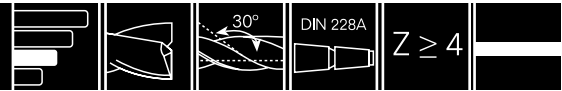


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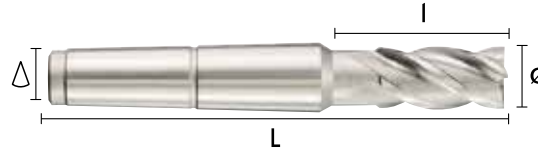
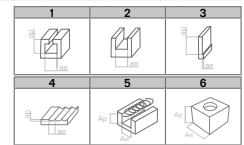


Vc (m/min)	P				M		K			N				S		H		
	<800 ● 30-50	<1.000 ○ 25-30	<1.200	<1.400	<950 ○ 15-20	<1.200	<500 ○ 34-38	<800 ○ 20-24	<1.400	Al ○ 60-150	Cu ● 55-95	Mg/Zn ○ 60-100	Plastic ○ 50-150	Ni ○ 15-20	Ti ○ 15-20	50 HRC	55 HRC	60 HRC
K	1	1	0,7	0,7	0,7	1	1	1	0,7	1,3	1	1	1,3	0,7	0,7	0,7	0,7	0,7
fz	Ap	Ae	Ø1	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																	

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

● Optima / Optimun ○ Alternativo / Alternative

Fresado
Fraisage
Milling
Fräsen



	△	Ø mm	Z	L mm	l mm	📦
1		12,00	4	96	14	1
2		14,00	4	111	16	1
2		16,00	4	117	18	1
2		18,00	4	117	20	1
2		20,00	4	123	20	1
2		22,00	5	123	22	1
3		24,00	5	147	25	1
3		25,00	5	147	25	1

	△	Ø mm	Z	L mm	l mm	📦
3		26,00	5	147	45	1
3		28,00	5	147	45	1
3		30,00	6	147	45	1
4		32,00	6	178	53	1
4		36,00	6	178	53	1
4		40,00	6	188	63	1
5		50,00	6	233	75	1