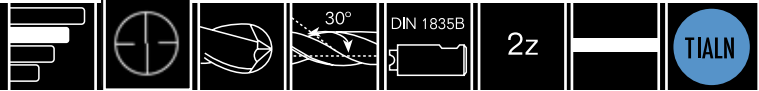


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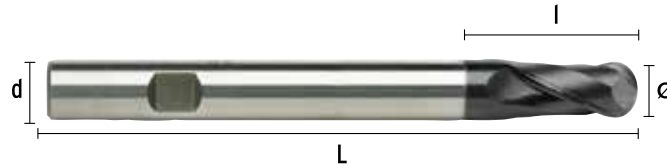
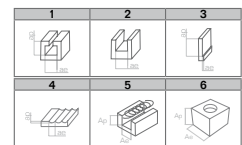


Vc (m/min)	P				M		K			N				S		H		
	<800 48-80	<1.000 40-45	<1.200 30-35	<1.400	<950 25-35	<1.200	<500 55-60	<800 30-40	<1.400 30-35	Al	Cu	Mg/Zn	Plastic	Ni 4-6	Ti	50 HRC	55 HRC	60 HRC
K	1	1	0,7	0,7	0,7	1	1	1	0,7	1,3	1	1	1,3	0,7	0,7	0,7	0,7	0,7
fz	Ap	Ae	Ø1	Ø2	Ø3	Ø4	Ø5	Ø6	Ø8	Ø10	Ø12	Ø14	Ø16	Ø18	Ø20	Ø25	Ø32	Ø40
	1																	
	2																	
	3																	
	4	0,05xD	0,05xD		0,026	0,029	0,033	0,038	0,047	0,057	0,075	0,081	0,085	0,095	0,104	0,130	0,169	
	5																	
	6																	

vf(mm/min) = rpm x Z x fz x K
rpm = (Vc x 1000) / (Ø x π)

● Optima / Optimun ○ Alternativo / Alternative

Fresado
Fraisage
Milling
Fräsen



Ø mm	d mm	L mm	l mm	
4,00	6	63	11	1
5,00	6	68	13	1
6,00	6	68	13	1
8,00	10	88	19	1
10,00	12	95	22	1
12,00	12	110	26	1

Ø mm	d mm	L mm	l mm	
14,00	12	110	26	1
16,00	16	123	32	1
18,00	16	123	32	1
20,00	20	141	38	1
22,00	20	141	38	1
25,00	25	166	45	1

Bajo demanda / Sur commande / upon request