

3101

HM-MD

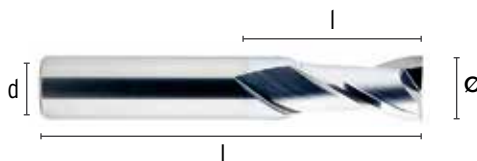
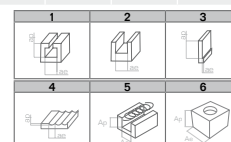


Vc (m/min)	P				M		K			N				S		H		
	<800	<1.000	<1.200	<1.400	<950	<1.200	<500	<800	<1.400	Al	Cu	Mg/Zn	Plastic	Ni	Ti	50 HRC	55 HRC	60 HRC
70-155	●	●	●	●	●	●	●	●	●		○			●	●			
60-110																		
50-105																		
45-65																		
50-80																		
45-70																		
70-115																		
60-85																		
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	1x0	1x0	-	-	0,008	0,010	0,013	0,015	0,020	0,025	0,030	0,035	0,040	0,045	0,050		
	3																	
	4																	
	5																	
	6																	

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

● Optima / Optimun ○ Alternativo / Alternative

Fresado
Fraisage
Milling
Fräsen



Ø mm	d mm	L mm	l mm	
3,00	3	40	12	1
4,00	4	40	12	1
5,00	5	50	14	1
6,00	6	50	16	1
8,00	8	60	20	1

Ø mm	d mm	L mm	l mm	
10,00	10	70	22	1
12,00	12	70	22	1
16,00	16	75	25	1
20,00	20	100	32	1