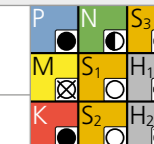


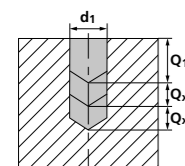
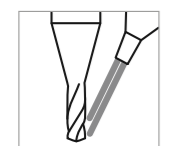
# CrazyDrill Steel 4 x d

RACCOMANDAZIONI PER L'USO

● Perfettamente consigliato | ● Consigliato | ○ Parzialmente consigliato | ⊗ Non consigliato



## FORARE CON RAFFREDDAMENTO ESTERNO | VISTA D'INSIEME DEI DATI DI TAGLIO



Gruppo materiali	Materiale	Mat. no.	DIN	AISI/ASTM/UNS	v <sub>c</sub> [m/min]		Q <sub>1</sub>	Q <sub>x</sub>	f [mm/giro]																															
					Medio	Alto			0.4 mm 1/64"	0.8 mm 1/32"	1.0 mm	1.25 mm	1.5 mm 1/16"	2.0 mm	2.5 mm 3/32"	3.0 mm 1/8"	4.0 mm 5/32"	5.0 mm 3/16" - 7/32"	6.0 mm 1/4"																					
					Ød <sub>1</sub>																																			
P	Acciai non legati Rm < 800 N/mm <sup>2</sup>	1.0301	C10	AISI 1010	80	120	4xd1	-																																
		1.0401	C15	AISI 1015																																				
		1.1191	C45E/CK45	AISI 1045																																				
		1.0044	S275JR	AISI 1020																																				
		1.0715	11SMn30	AISI 1215																																				
		1.5752	15NiCr13	ASTM 3415 / AISI 3310																																				
	Acciai debolmente legati Rm > 900 N/mm <sup>2</sup>	1.7131	16MnCr5	AISI 5115	60	80	4xd1	-																																
		1.3505	100Cr6	AISI 52100																																				
		1.7225	42CrMo4	AISI 4140																																				
		1.2842	90MnCrV8	AISI O2																																				
		1.2379	X153CrMoV12	AISI D2																																				
		1.2436	X210CrW12	AISI D4/D6																																				
Acciai da utensili fortemente legati Rm < 1200 N/mm <sup>2</sup>	1.3343	HS6-5-2C	AISI M2 / UNS T11302	40	60	4xd1	-																																	
	1.3355	HS18-0-1	AISI T1 / UNS T12001																																					
	M	Acciai inossidabili ferritici	1.4016																			X6Cr17	AISI 430 / UNS S43000																	
			1.4105																			X6CrMoS17	AISI 430F																	
			1.4034																			X46Cr13	AISI 420C																	
			1.4112																			X90CrMoV18	AISI 440B																	
Acciai inossidabili martensitici		1.4542	X5CrNiCuNb 16-4	AISI 630 / ASTM 17-4 PH																																				
		1.4545	X5CrNiCuNb 15-5	ASTM 15-5 PH																																				
Acciai inossidabili austenitici	1.4301	X5CrNi 18-10	AISI 304																																					
	1.4435	X2CrNiMo 18-14-3	AISI 316L																																					
	1.4441	X2CrNiMo 18-15-3	AISI 316LM																																					
	1.4539	X1NiCrMoCu 25-20-5	AISI 904L																																					
K	Ghise	0.6020	GG20	ASTM 30	100	150	4xd1	-																																
		0.6030	GG30	ASTM 40B																																				
		0.7040	GGG40	ASTM 60-40-18																																				
		0.7060	GGG60	ASTM 80-60-03																																				
		N	Leghe d'alluminio battute	3.2315																		AlMgSi1	ASTM 6351	150	220	4xd1	-													
3.4365	AlZnMgCu1.5			ASTM 7075																																				
Leghe d'alluminio pressofuse	3.2163		GD-AlSi9Cu3	ASTM A380	150	200	4xd1	-																																
	3.2381		GD-AlSi10Mg	UNS A03590																																				
Rame	2.0040		Cu-OF / CW008A	UNS C10100	80	120	1.5xd1	1xd1																																
	2.0065		Cu-ETP / CW004A	UNS C11000																																				
Ottoni senza piombo	2.0321		CuZn37 CW508L	UNS C27400	100	150	1.5xd1	1xd1																																
	2.0360		CuZn40 CW509L	UNS C28000																																				
Ottoni, Bronzi Rm < 400 N/mm <sup>2</sup>	2.0401		CuZn39Pb3 / CW614N	UNS C38500	70	100	1.5xd1	1xd1																																
	2.1020		CuSn6	UNS C51900																																				
Bronzi Rm < 600 N/mm <sup>2</sup>	2.0966	CuAl10Ni5Fe4	UNS C63000	70	100	4xd1	-																																	
	2.0960	CuAl9Mn2	UNS C63200																																					
S <sub>1</sub>	Super leghe	2.4856		Inconel 625	20	40	1xd1	0.25xd1																																
		2.4668		Inconel 718																																				
		2.4617	NiMo28	Hastelloy B-2																																				
		2.4665	NiCr22Fe18Mo	Hastelloy X																																				
S <sub>2</sub>	Titanio puro	3.7035	Gr.2	ASTM B348 / F67	20	40	1xd1	0.25xd1																																
		3.7065	Gr.4	ASTM B348 / F68																																				
S <sub>2</sub>	Leghe di titanio	3.7165	TiAl6V4	ASTM B348 / F136	20	40	1xd1	0.3xd1																																
		9.9367	TiAl6Nb7	ASTM F1295																																				
S <sub>3</sub>	Leghe CrCo	2.4964	CoCr20W15Ni CrCoMo28	Haynes 25 ASTM F1537	15	30	4xd1	-																																
H <sub>1</sub>	Acciai temprati < 55 HRC	1.2510	100MnCrMoW4	AISI O1	15	30	4xd1	-																																
H <sub>2</sub>	Acciai temprati ≥ 55 HRC	1.2379	X153CrMoV12	AISI D2																																				