

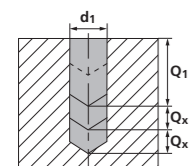
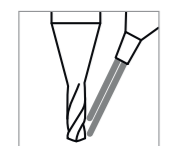
Titanium - 30 x d

RACCOMANDAZIONI PER L'USO

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

P	N	S ₃	☒
M	S ₁	H ₁	☒
K	S ₂	H ₂	☒

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



Gruppo materiali	Materiale	Mat. no.	DIN	AISI/ASTM/UNS	v _c [m/min]		Q ₁	f [mm/giro]																
					∅d1 ≤ 0.4	∅d1 > 0.4		∅d1																
								0.1 mm		0.2 mm		0.3 mm		0.4 mm		0.6 mm		0.8 mm		1.0 - 1.2 mm				
		f	Q _x	f	Q _x	f	Q _x	f	Q _x	f	Q _x	f	Q _x	f	Q _x									
P	Acciai non legati Rm < 800 N/mm ²	1.0301	C10	AISI 1010																				
		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 ²	1.7131	16MnCr5	AISI 5115																				
		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 ²	1.3343	HS6-5-2C	AISI M2 / UNS T11302																					
	1.3355	HS18-0-1	AISI T1 / UNS T12001																					
	Consiglio: CrazyDrill Flex Steel 30 x d1																							
	M	Acciai inossidabili ferritici	1.4016	X6Cr17	AISI 430 / UNS S43000																			
			1.4105	X6CrMoS17	AISI 430F																			
			1.4034	X46Cr13	AISI 420C																			
Acciai inossidabili martensitici		1.4112	X90CrMoV18	AISI 440B																				
		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																				
		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																				
		3.4365	AlZnMgCu1.5	ASTM 7075																				
	Leghe d'alluminio pressofuse	3.2163	GD-AlSi9Cu3	ASTM A380																				
		3.2381	GD-AlSi10Mg	UNS A03590																				
	Rame	2.004	Cu-OF / CW008A	UNS C10100	5 - 40	20 - 40																		
		2.0065	Cu-ETP / CW004A	UNS C11000																				
	Ottoni senza piombo	2.0321	CuZn37 CW508L	UNS C27400																				
		2.036	CuZn40 CW509L	UNS C28000																				
	Ottoni, Bronzi Rm < 400 N/mm ²	2.0401	CuZn39Pb3 / CW614N	UNS C38500																				
		2.102	CuSn6	UNS C51900																				
Bronzi Rm < 600 N/mm ²	2.0966	CuAl10Ni5Fe4	UNS C63000																					
	2.096	CuAl9Mn2	UNS C63200																					
S ₁	Super leghe	2.4856		Inconel 625																				
		2.4668		Inconel 718																				
		2.4617	NiMo28	Hastelloy B-2																				
		2.4665	NiCr22Fe18Mo	Hastelloy X																				
S ₂	Titanio puro	3.7035	Gr.2	ASTM B348 / F67	5 - 20	20 - 30	3xd1	0.002	0.2xd1	0.004	0.25xd1	0.006	0.25xd1	0.008	0.25xd1	0.012	0.3xd1	0.016	0.5xd1	0.024	0.5xd1			
		3.7065	Gr.4	ASTM B348 / F68																				
S ₂	Leghe di titanio	3.7165	TiAl6V4	ASTM B348 / F136	5 - 20	20 - 40	3xd1	0.003	0.5xd1	0.006	0.25xd1	0.009	0.3xd1	0.016	0.5xd1	0.024	0.5xd1	0.032	0.5xd1	0.040	0.5xd1			
		9.9367	TiAl6Nb7	ASTM F1295																				
S ₃	Leghe CrCo	2.4964	CoCr20W15Ni CrCoMo28	Haynes 25 ASTM F1537																				
H ₁	Acciai temprati < 55 HRC	1.2510	100MnCrMoW4	AISI O1																				
		1.2379	X153CrMoV12	AISI D2																				