

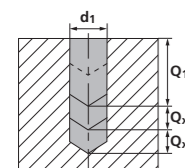
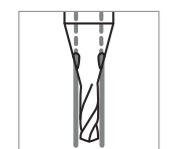
SST-Inox - 50 x d

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 INTEGRATO | VISTA D'INSIEME DEI DATI DI TAGLIO



Gruppo materiali	Materiale	Mat. no.	DIN	AISI/ASTM/UNS	v _c [m/min]		Q ₁	Q ₂	f [mm/giro]						
					∅d1 ≤ 0.4	∅d1 > 0.4			0.3 mm	0.4 mm 1/64"	0.6 mm	∅d1 0.8 mm 1/32"	1.0 mm	1.2 mm	
									f	f	f	f	f	f	
P	Acciai non legati Rm < 800 N/mm ²	1.0301	C10	AISI 1010					Consiglio: CrazyDrill Flex Steel 50 x d1						
		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											
		1.3343	HS6-5-2C	AISI M2 / UNS T11302											
Acciai da utensili fortemente legati Rm < 1200 N/mm ²	1.3355	HS18-0-1	AISI T1 / UNS T12001												
	M	Acciai inossidabili ferritici	1.4016	X6Cr17	AISI 430 / UNS S43000	25-35	35-40	2xd1 - 3xd1	0.2xd1 - 0.5xd1	0.010-0.015	0.010-0.015	0.015-0.020	0.015-0.020	0.030-0.040	0.040-0.050
			1.4105	X6CrMoS17	AISI 430F										
	M	Acciai inossidabili martensitici	1.4034	X46Cr13	AISI 420C	25-35	35-40	2xd1 - 3xd1	0.2xd1 - 0.5xd1	0.010-0.015	0.010-0.015	0.015-0.020	0.015-0.020	0.030-0.040	0.040-0.050
			1.4112	X90CrMoV18	AISI 440B										
M	Acciai inossidabili martensitici - PH	1.4542	X5CrNiCuNb 16-4	AISI 630 / ASTM 17-4 PH	25-35	35-40	2xd1 - 3xd1	0.2xd1 - 0.5xd1	0.010-0.015	0.010-0.015	0.015-0.020	0.015-0.020	0.030-0.040	0.040-0.050	
		1.4545	X5CrNiCuNb 15-5	ASTM 15-5 PH											
	M	Acciai inossidabili austenitici	1.4301	X5CrNi 18-10	AISI 304										
			1.4435	X2CrNiMo 18-14-3	AISI 316L	25-35	35-40	2xd1 - 3xd1	0.2xd1 - 0.5xd1	0.005-0.010	0.005-0.010	0.010-0.015	0.010-0.015	0.020-0.030	0.030-0.040
1.4441			X2CrNiMo 18-15-3	AISI 316LM											
K	Ghise	1.4539	X1NiCrMoCu 25-20-5	AISI 904L											
		0.6020	GG20	ASTM 30											
		0.6030	GG30	ASTM 40B											
		0.7040	GGG40	ASTM 60-40-18											
N	Leghe d'alluminio battute	0.7060	GGG60	ASTM 80-60-03											
									Consiglio: CrazyDrill Flex Steel 50 x d1						
	Leghe d'alluminio pressofuse	3.2315	AlMgSi1	ASTM 6351											
		3.4365	AlZnMgCu1.5	ASTM 7075											
	Rame	3.2163	GD-AlSi9Cu3	ASTM A380											
		3.2381	GD-AlSi10Mg	UNS A03590											
	Ottoni senza piombo	2.004	Cu-OF / CW008A	UNS C10100	20-30	35-60	2xd1 - 3xd1	0.5xd1	0.040	0.045	0.050	0.060	0.070	0.080	
		2.0065	Cu-ETP / CW004A	UNS C11000											
	Bronzi	2.0321	CuZn37 CW508L	UNS C27400	20-30	35-60	2xd1 - 3xd1	0.5xd1	0.040	0.045	0.050	0.060	0.070	0.080	
		2.036	CuZn40 CW509L	UNS C28000											
Bronzi	2.0401	CuZn39Pb3 / CW614N	UNS C38500												
	2.102	CuSn6	UNS C51900												
S ₁	Super leghe	2.0966	CuAl10Ni5Fe4	UNS C63000											
		2.096	CuAl9Mn2	UNS C63200											
2.4856			Inconel 625	10-20	20-30	2xd1 - 3xd1	0.2xd1	0.010-0.020	0.010-0.020	0.015-0.025	0.020-0.030	0.025-0.035	0.035-0.045		
2.4668			Inconel 718												
S ₂	Titanio puro	2.4617	NiMo28	Hastelloy B-2											
		2.4665	NiCr22Fe18Mo	Hastelloy X											
S ₂	Leghe di titanio	3.7035	Gr.2	ASTM B348 / F67											
		3.7065	Gr.4	ASTM B348 / F68											
S ₃	Leghe CrCo	3.7165	TiAl6V4	ASTM B348 / F136											
		9.9367	TiAl6Nb7	ASTM F1295											
H ₁	Acciai temprati < 55 HRC	2.4964	CoCr20W15Ni	Haynes 25	20-30	30-40	2xd1 - 3xd1	0.5xd1	0.010-0.020	0.010-0.020	0.015-0.025	0.020-0.030	0.025-0.035	0.035-0.045	
			CrCoMo28	ASTM F1537											
H ₂	Acciai temprati ≥ 55 HRC	1.2510	100MnCrMoW4	AISI O1											
		1.2379	X153CrMoV12	AISI D2											