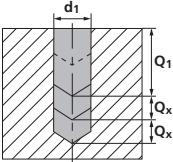
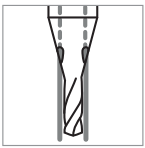


SST-Inox - 50 x d

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



					v _c		Q ₁		Q _s		f [mm/giro]						
Gruppo materiali	Materiale	Mat. no.	DIN	AISI/ASTM/UNS	[m/min]					0.3 mm	0.4 mm 1/64"	0.6 mm	Ød1 0.8 mm 1/32"	1.0 mm	1.5 mm 1/16"	2.0 mm	
					Ød1 ≤ 0.4	Ød1 > 0.4											
										f	f	f	f	f	f	f	
P	Acciai non legati Rm < 800 N/mm²	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	115Mn30	AISI 1215													
	Acciai debolmente legati Rm > 900 N/mm²	1.5752	15NiCr13	ASTM 3415 / AISI 3310													
		1.7131	16MnCr5	AISI 5115													
		1.3505	100Cr6	AISI 52100													
		1.7225	42CrMo4	AISI 4140													
		1.2842	90MnCrV8	AISI O2													
	Acciai da utensili fortemente legati Rm < 1200 N/mm²	1.2379	X153CrMoV12	AISI D2													
		1.2436	X210CrW12	AISI D4/D6													
		1.3343	HS6-5-2C	AISI M2 / UNS T11302													
		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	0.050 - 0.060	
		1.4105	X6CrMoS17	AISI 430F													
	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	0.050 - 0.060	
		1.4112	X90CrMoV18	AISI 440B													
	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	0.050 - 0.060	
		1.4545	X5CrNiCuNb 15-5	ASTM 15-5 PH													
	Acciai inossidabili austenitici	1.4301	X5CrNi 18-10	AISI 304	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	0.045 - 0.055	
		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						Consiglio: CrazyDrill Flex Steel 50 x d1							
		3.4365	AlZnMgCu1.5	ASTM 7075													
	Leghe d'alluminio pressofuse	3.2163	GD-AISI9Cu3	ASTM A380													
		3.2381	GD-AISI10Mg	UNS A03590													
	Rame	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	0.100	
		2.0065	Cu-ETP / CW004A	UNS C11000													
	Ottoni senza piombo	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	0.100	
		2.036	CuZn40 CW509L	UNS C28000													
	Ottoni, Bronzi Rm < 400 N/mm²	2.0401	CuZn39Pb3 / CW614N	UNS C38500													
		2.102	CuSn6	UNS C51900													
Bronzi Rm < 600 N/mm²	2.0966	CuAl10Ni5Fe4	UNS C63000														
	2.096	CuAl9Mn2	UNS C63200														
S ₁	Super leghe	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	0.045 - 0.055	
		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						Consiglio: CrazyDrill Flex Titanium 50 x d1							
		3.7065	Gr.4	ASTM B348 / F68													
	Leghe di titanio	3.7165	TiAl6V4	ASTM B348 / F136													
9.9367		TiAl6Nb7	ASTM F1295														
S ₃	Leghe CrCo	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	0.045 - 0.055
			CrCoMo28	ASTM F1537													
H ₁ H ₂	Acciai temprati < 55 HRC	1.2510	100MnCrMoW4	AISI O1													
	Acciai temprati ≥ 55 HRC	1.2379	X153CrMoV12	AISI D2													

Consiglio: CrazyDrill Flex Steel 50 x d1

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Consiglio: CrazyDrill Flex Titanium 50 x d1