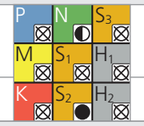
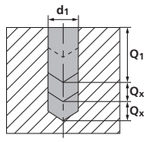
CRAZYDRILL™ by Mikron Tool Flex TITANIUM

Titanium - 30 x d

RECOMMANDATION D'UTILISATION
● Parfaitement recommandé | ◐ Recommandé | ○ Peu recommandé | ⊠ Non recommandé



PERÇAGE AVEC REFROIDISSEMENT EXTERNE | VUE D'ENSEMBLE DES DONNÉES DE COUPE



Groupe matériaux	Matériau	Mat. no.	DIN	AISI/ASTM/UNS	v_c [m/min] Ød1 ≤ 0.4	v_c [m/min] Ød1 > 0.4	Q_1	f [mm/tour] Ød1 0.1 mm f	Q_x	0.2 mm f	Q_x	0.3 mm f	Q_x	0.4 mm f	Q_x	0.6 mm f	Q_x	0.8 mm f	Q_x	1.0 - 1.2 mm f	Q_x
P	Aciers non alliés Rm < 800 N/mm²	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																	
	Aciers faiblement alliés 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																	
	Aciers à outil fortement alliés 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	Aciers inoxydables ferritiques	1.4016	X6Cr17	AISI 430 / UNS S43000																	
		1.4105	X6CrMoS17	AISI 430F																	
	Aciers inoxydables martensitiques	1.4034	X46Cr13	AISI 420C																	
		1.4112	X90CrMoV18	AISI 440B																	
	Aciers inoxydables martensitiques - PH	1.4542	X5CrNiCuNb 16-4	AISI 630 / ASTM 17-4 PH																	
		1.4545	X5CrNiCuNb 15-5	ASTM 15-5 PH																	
	Aciers inoxydables austénitiques	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	Fonte grise	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	Alliages d'aluminium corroyés	3.2315	AlMgSi1	ASTM 6351																	
		3.4365	AlZnMgCu1.5	ASTM 7075																	
	Fonte d'aluminium	3.2163	GD-AlSi9Cu3	ASTM A380																	
		3.2381	GD-AlSi10Mg	UNS A03590																	
	Cuivre	2.004	Cu-OF / CW008A	UNS C10100	5 – 40	20 – 40	7xd1	0.005	0.5xd1	0.020	0.5xd1	0.040	0.5xd1	0.060	0.5xd1	0.120	0.5xd1	0.180	0.5xd1	0.200	0.5xd1
		2.0065	Cu-ETP / CW004A	UNS C11000																	
	Laiton sans plomb	2.0321	CuZn37 CW508L	UNS C27400																	
		2.036	CuZn40 CW509L	UNS C28000																	
	Laiton, Bronze Rm < 400 N/mm²	2.0401	CuZn39Pb3 / CW614N	UNS C38500																	
		2.102	CuSn6	UNS C51900																	
	Bronze Rm < 600 N/mm²	2.0966	CuAl10Ni5Fe4	UNS C63000																	
		2.096	CuAl9Mn2	UNS C63200																	
S_1	Super alliages	2.4856		Inconel 625																	
		2.4668		Inconel 718																	
		2.4617	NiMo28	Hastelloy B-2																	
		2.4665	NiCr22Fe18Mo	Hastelloy X																	
S_2	Titane pur	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																	
	Alliages de titane	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	Alliages CrCo	2.4964	CoCr20W15Ni	Haynes 25																	
			CrCoMo28	ASTM F1537																	
H_1	Aciers trempés < 55 HRC	1.2510	100MnCrMoW4	AISI O1																	
H_2	Aciers trempés ≥ 55 HRC	1.2379	X153CrMoV12	AISI D2																	

Recommandé : CrazyDrill Flex Steel 30 x d1

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