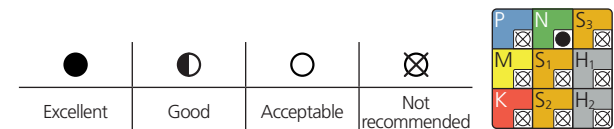
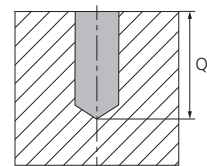


Version 5 x d

Materials group	Material	Material number	DIN	AISI/ASTM/UNS	v _c [SFM]	Q ₁	Ød ₁ .0197	Ød ₁ .0394	Ød ₁ .0591	Ød ₁ .0787	Ød ₁ .0984	Ød ₁ .1181	
							f [IPR]	f [IPR]	f [IPR]	f [IPR]	f [IPR]	f [IPR]	
P	Unalloyed carbon steel R _m < 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									
	Low alloyed steel R _m > 900 N/mm ²	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									
	High alloyed tool steel R _m < 1200 N/mm ²	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	Stainless steel ferritic	1.4016	X6Cr17	AISI 430 / UNS S43000									
		1.4105	X6CrMoS17	AISI 430F									
	Stainless steel martensitic	1.4034	X46Cr13	AISI 420C									
		1.4112	X90CrMoV18	AISI 440B									
	Stainless steel martensitic - PH	1.4542	X5CrNiCuNb 16-4	AISI 630 / ASTM 17-4 PH									
		1.4545	X5CrNiCuNb 15-5	ASTM 15-5 PH									
	Stainless steel austenitic	1.4301	X5CrNi 18-10	AISI 304									
		1.4435	X2CrNiMo 18-14-3	AISI 316L									
1.4441		X2CrNiMo 18-14-3	AISI 316LM										
1.4539		X1NiCrMoCu 25-20-5	AISI 904L										
K	Cast iron	0.6020	GG20	ASTM 30									
		0.6030	GG30	ASTM 40B									
		0.7040	GGG40	ASTM 60-40-18									
		0.7060	GGG60	ASTM 80-60-03									



Your contacts

Mikron Tool SA Agno

P.O. Box 340
6934 Bioggio
Switzerland
Phone +41 91 610 40 00
Fax +41 91 610 40 10
mto@mikron.com

Mikron GmbH Rottweil

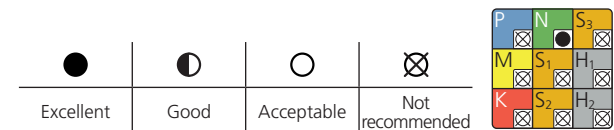
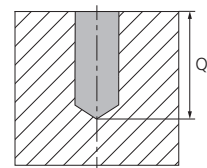
Abteilung Werkzeuge
Berni Feld 71
78628 Rottweil
Germany
Phone +49 741 5380 450
Fax +49 741 5380 480
info.mtr@mikron.com

Mikron Corp. Monroe

P.O. Box 268
200 Main Street
Monroe, CT 06468
USA
Phone +1 203 261 3100
Fax +1 203 268 4752
mmo@mikron.com

Version 5 x d

Materials group	Material	Material number	DIN	AISI/ASTM/UNS	v _c [SFM]	Q ₁	Ød ₁	Ød ₁	Ød ₁	Ød ₁	Ød ₁	Ød ₁
							.0197	.0394	.0591	.0787	.0984	.1181
							f	f	f	f	f	f
							[IPR]	[IPR]	[IPR]	[IPR]	[IPR]	[IPR]
N	Aluminium alloy wrought	3.2315	AlMgSi1	ASTM 6351	984	5xd ₁	.0012	.0020	.0039	.0079	.0098	.0118
		3.4365	AlZnMgCu1.5	ASTM 7075								
	Aluminium alloy cast	3.2163	GD-AlSi9Cu3	ASTM A380	656	5xd ₁	.0039	.0079	.0098	.0118	.0157	.0197
		3.2381	GD-AlSi10Mg	UNS A03590								
	Copper	2.004	Cu-OF / CW008A	UNS C10100								
		2.0065	Cu-ETP / CW004A	UNS C11000								
	Brass lead free	2.0321	CuZn37 CW508L	UNS C27400								
		2.036	CuZn40 CW509L	UNS C28000								
	Brass, Bronze R _m < 400 N/mm ²	2.0401	CuZn39Pb3 / CW614N	UNS C38500								
		2.102	CuSn6	UNS C51900								
Bronze R _m < 600 N/mm ²	2.0966	CuAl10Ni5Fe4	UNS C63000									
	2.096	CuAl9Mn2	UNS C63200									
S ₁	Super alloys	2.4856		Inconel 625								
		2.4668		Inconel 718								
		2.4617	NiMo28	Hastelloy B-2								
		2.4665	NiCr22Fe18Mo	Hastelloy X								
S ₂	Titanium pure	3.7035	Gr.2	ASTM B348 / F67								
		3.7065	Gr.4	ASTM B348 / F68								
	Titanium alloys	3.7165	TiAl6V4	ASTM B348 / F136								
		9.9367	TiAl6Nb7	ASTM F1295								
S ₃	Cr-Co alloys	2.4964	CoCr20W15Ni	Haynes 25								
			CrCoMo28	ASTM F1537								
H ₁	Hardened steel < 55 HRC	1.2510	100MnCrMoW4	AISI O1								
H ₂	Hardened steel ≥ 55 HRC	1.2379	X153CrMoV12	AISI D2								



Your contacts

Mikron Tool SA Agno

P.O. Box 340
6934 Bioggio
Switzerland
Phone +41 91 610 40 00
Fax +41 91 610 40 10
mto@mikron.com

Mikron GmbH Rottweil

Abteilung Werkzeuge
Berner Feld 71
78628 Rottweil
Germany
Phone +49 741 5380 450
Fax +49 741 5380 480
info.mtr@mikron.com

Mikron Corp. Monroe

P.O. Box 268
200 Main Street
Monroe, CT 06468
USA
Phone +1 203 261 3100
Fax +1 203 268 4752
mmo@mikron.com