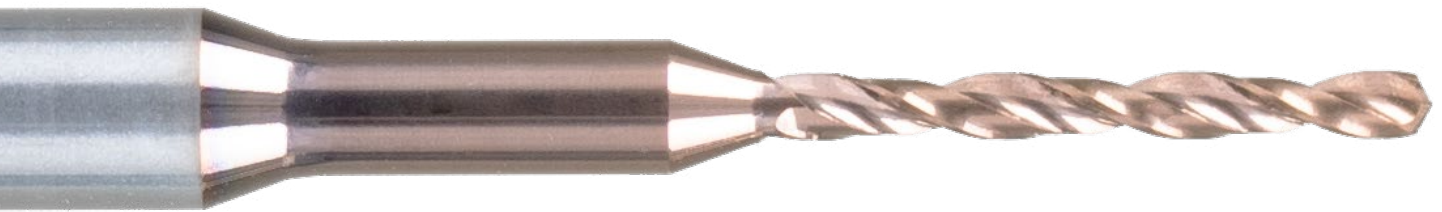


„micro“-INOX 8xD

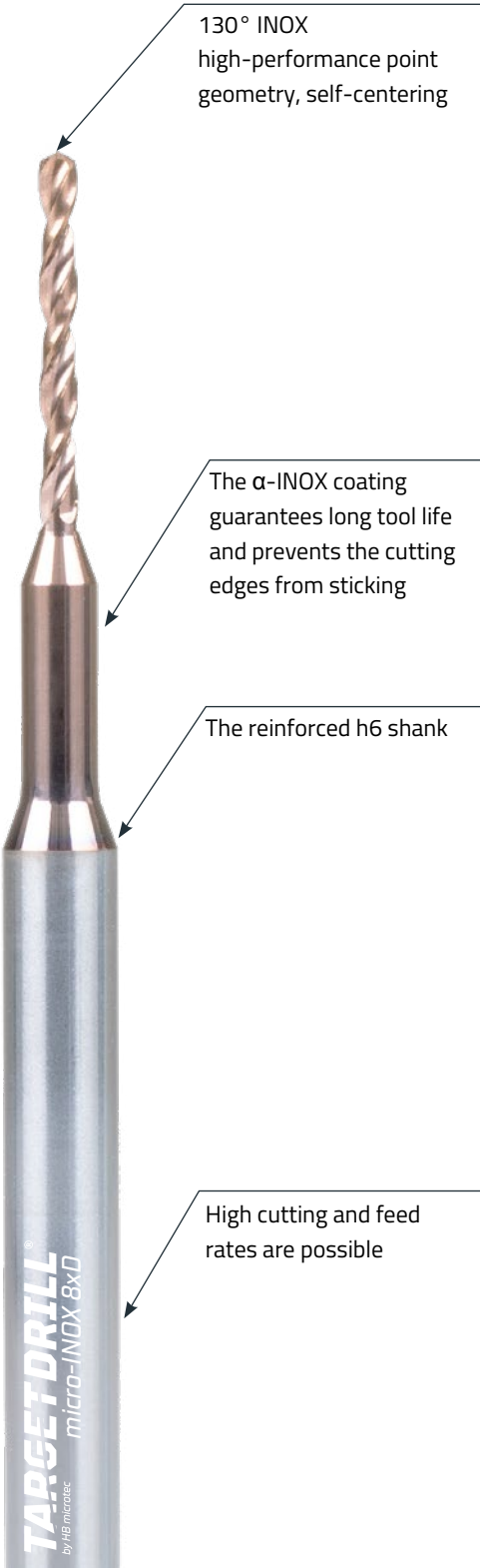
HB **micro**tec[®]
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TARGET DRILL[®]
by HB microtec
micro-INOX

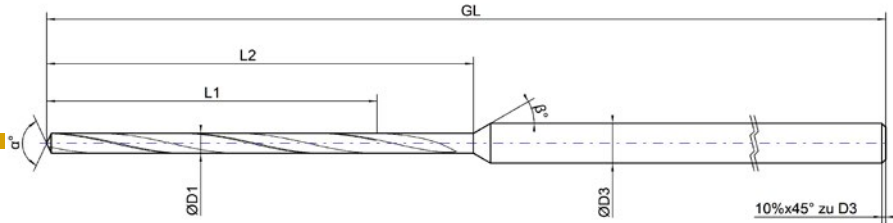
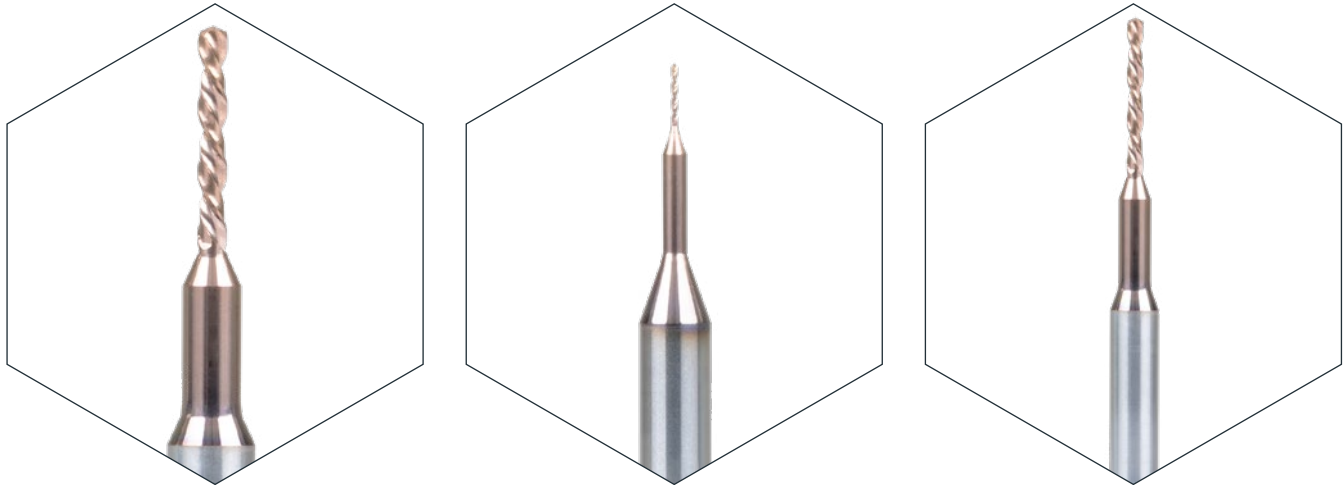


■ With or without coating



from Ø 0.1
to Ø 2.05

in 0.01 mm steps



☐ Order

Order number: _____

☐ Inquiry

Dimensions:

D₁: _____ GL: _____ α: _____
D₃: _____ L₁: _____ β: _____
L₂: _____ Z: _____

Coating:

☐ Coated*: _____
☐ Uncoated

Cooling channels:

☐ Yes ☐ No

Cutting direction:

☐ Left ☐ Right

Material to be machined:

Shank shape:

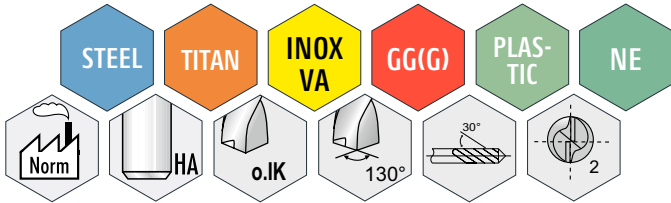
Quantity:

Date, signature & company stamp:

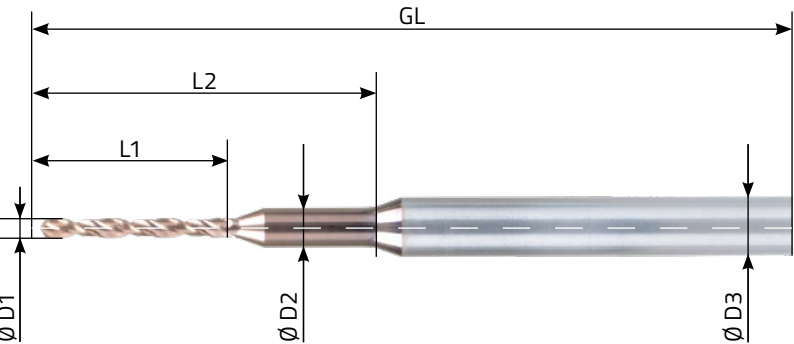
Contact person:

* Without further information, the most suitable coating will be used.

VHM micro-INOX 8xD



TARGETDRILL micro-INOX
TD.MI.010.8D(.01) ← α-INOX coating
D1: Ø 0.10 mm 8xD



- α-INOX coated with suffix .01 or blank
- D1 +0/-0.004 blank & D1 +0/-0.002 coated



5 PRO's of the TARGETDRILL:

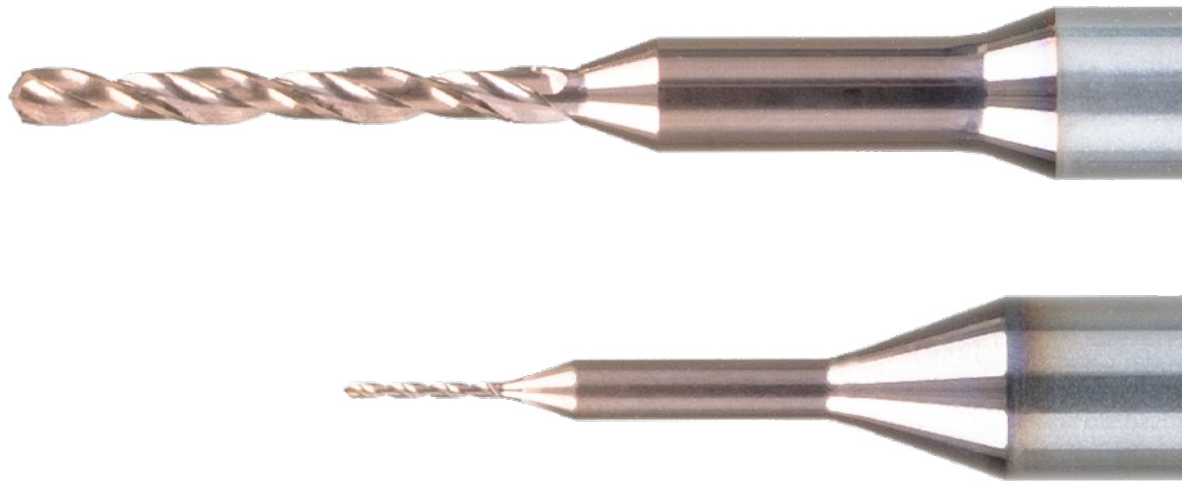
- From Ø 0.1 to Ø 2.05 in 0.01 mm increments, available from stock
- 8xD micro-INOX drill
- Reinforced shank
- Available coated and uncoated
- Excellent price-performance ratio

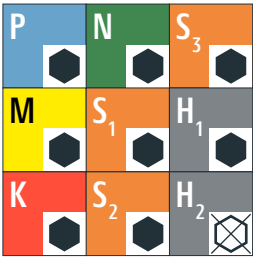
Article number	α-INOX	D1 (mm)	D2 (mm)	D3 h5 (mm)	L1 (mm)	L2 (mm)	GL (mm)
TD.MI.010.8D	.01	Ø 0.10	Ø 1.00	Ø 3.00	0.80	5.00	39.00
TD.MI.011.8D	.01	Ø 0.11	Ø 1.00	Ø 3.00	1.00	5.00	39.00
TD.MI.012.8D	.01	Ø 0.12	Ø 1.00	Ø 3.00	1.00	5.00	39.00
TD.MI.013.8D	.01	Ø 0.13	Ø 1.00	Ø 3.00	1.20	5.00	39.00
TD.MI.014.8D	.01	Ø 0.14	Ø 1.00	Ø 3.00	1.20	5.00	39.00
TD.MI.015.8D	.01	Ø 0.15	Ø 1.00	Ø 3.00	1.30	5.00	39.00
TD.MI.016.8D	.01	Ø 0.16	Ø 1.00	Ø 3.00	1.30	5.00	39.00
TD.MI.017.8D	.01	Ø 0.17	Ø 1.00	Ø 3.00	1.50	5.00	39.00
TD.MI.018.8D	.01	Ø 0.18	Ø 1.00	Ø 3.00	1.50	5.00	39.00
TD.MI.019.8D	.01	Ø 0.19	Ø 1.00	Ø 3.00	1.60	5.00	39.00
TD.MI.020.8D	.01	Ø 0.20	Ø 1.00	Ø 3.00	1.60	7.00	39.00
TD.MI.021.8D	.01	Ø 0.21	Ø 1.00	Ø 3.00	2.00	7.00	39.00
TD.MI.022.8D	.01	Ø 0.22	Ø 1.00	Ø 3.00	2.00	7.00	39.00
TD.MI.023.8D	.01	Ø 0.23	Ø 1.00	Ø 3.00	2.00	7.00	39.00
TD.MI.024.8D	.01	Ø 0.24	Ø 1.00	Ø 3.00	2.00	7.00	39.00
TD.MI.025.8D	.01	Ø 0.25	Ø 1.00	Ø 3.00	2.00	7.00	39.00
TD.MI.026.8D	.01	Ø 0.26	Ø 1.00	Ø 3.00	2.40	7.00	39.00
TD.MI.027.8D	.01	Ø 0.27	Ø 1.00	Ø 3.00	2.40	7.00	39.00
TD.MI.028.8D	.01	Ø 0.28	Ø 1.00	Ø 3.00	2.40	7.00	39.00
TD.MI.029.8D	.01	Ø 0.29	Ø 1.00	Ø 3.00	2.40	7.00	39.00
TD.MI.030.8D	.01	Ø 0.30	Ø 1.00	Ø 3.00	2.40	7.00	39.00
TD.MI.031.8D	.01	Ø 0.31	Ø 1.00	Ø 3.00	2.80	7.00	39.00
TD.MI.032.8D	.01	Ø 0.32	Ø 1.00	Ø 3.00	2.80	7.00	39.00
TD.MI.033.8D	.01	Ø 0.33	Ø 1.00	Ø 3.00	2.80	7.00	39.00
TD.MI.034.8D	.01	Ø 0.34	Ø 1.00	Ø 3.00	2.80	7.00	39.00
TD.MI.035.8D	.01	Ø 0.35	Ø 1.00	Ø 3.00	2.80	7.00	39.00
TD.MI.036.8D	.01	Ø 0.36	Ø 1.00	Ø 3.00	3.20	7.00	39.00
TD.MI.037.8D	.01	Ø 0.37	Ø 1.00	Ø 3.00	3.20	7.00	39.00
TD.MI.038.8D	.01	Ø 0.38	Ø 1.00	Ø 3.00	3.20	7.00	39.00
TD.MI.039.8D	.01	Ø 0.39	Ø 1.00	Ø 3.00	3.20	7.00	39.00
TD.MI.040.8D	.01	Ø 0.40	Ø 1.00	Ø 3.00	3.20	7.00	39.00
TD.MI.041.8D	.01	Ø 0.41	Ø 1.00	Ø 3.00	3.60	7.00	39.00
TD.MI.042.8D	.01	Ø 0.42	Ø 1.00	Ø 3.00	3.60	7.00	39.00
TD.MI.043.8D	.01	Ø 0.43	Ø 1.00	Ø 3.00	3.60	7.00	39.00
TD.MI.044.8D	.01	Ø 0.44	Ø 1.00	Ø 3.00	3.60	7.00	39.00
TD.MI.045.8D	.01	Ø 0.45	Ø 1.00	Ø 3.00	3.60	7.00	39.00
TD.MI.046.8D	.01	Ø 0.46	Ø 1.00	Ø 3.00	4.00	7.00	39.00
TD.MI.047.8D	.01	Ø 0.47	Ø 1.00	Ø 3.00	4.00	7.00	39.00
TD.MI.048.8D	.01	Ø 0.48	Ø 1.00	Ø 3.00	4.00	7.00	39.00
TD.MI.049.8D	.01	Ø 0.49	Ø 1.00	Ø 3.00	4.00	7.00	39.00
TD.MI.050.8D	.01	Ø 0.50	Ø 1.00	Ø 3.00	4.00	15.00	39.00
TD.MI.051.8D	.01	Ø 0.51	Ø 1.00	Ø 3.00	4.80	15.00	39.00
TD.MI.052.8D	.01	Ø 0.52	Ø 1.00	Ø 3.00	4.80	15.00	39.00
TD.MI.053.8D	.01	Ø 0.53	Ø 1.00	Ø 3.00	4.80	15.00	39.00

Article number	α-INOX	D1 (mm)	D2 (mm)	D3 h5 (mm)	L1 (mm)	L2 (mm)	GL (mm)
TD.MI.142.8D	.01	Ø 1.42	Ø 1.50	Ø 3.00	11.20	12.00	39.00
TD.MI.143.8D	.01	Ø 1.43	Ø 1.50	Ø 3.00	11.20	12.00	39.00
TD.MI.144.8D	.01	Ø 1.44	Ø 1.50	Ø 3.00	11.20	12.00	39.00
TD.MI.145.8D	.01	Ø 1.45	Ø 1.50	Ø 3.00	11.20	12.00	39.00
TD.MI.146.8D	.01	Ø 1.46	Ø 1.50	Ø 3.00	11.20	12.00	39.00
TD.MI.147.8D	.01	Ø 1.47	Ø 1.50	Ø 3.00	11.20	12.00	39.00
TD.MI.148.8D	.01	Ø 1.48	Ø 1.50	Ø 3.00	11.20	12.00	39.00
TD.MI.149.8D	.01	Ø 1.49	Ø 1.50	Ø 3.00	11.20	12.00	39.00
TD.MI.150.8D	.01	Ø 1.50	-	Ø 3.00	12.00	-	39.00
TD.MI.151.8D	.01	Ø 1.51	-	Ø 3.00	12.80	-	39.00
TD.MI.152.8D	.01	Ø 1.52	-	Ø 3.00	12.80	-	39.00
TD.MI.153.8D	.01	Ø 1.53	-	Ø 3.00	12.80	-	39.00
TD.MI.154.8D	.01	Ø 1.54	-	Ø 3.00	12.80	-	39.00
TD.MI.155.8D	.01	Ø 1.55	-	Ø 3.00	12.80	-	39.00
TD.MI.156.8D	.01	Ø 1.56	-	Ø 3.00	12.80	-	39.00
TD.MI.157.8D	.01	Ø 1.57	-	Ø 3.00	12.80	-	39.00
TD.MI.158.8D	.01	Ø 1.58	-	Ø 3.00	12.80	-	39.00
TD.MI.159.8D	.01	Ø 1.59	-	Ø 3.00	12.80	-	39.00
TD.MI.160.8D	.01	Ø 1.60	-	Ø 3.00	12.80	-	39.00
TD.MI.161.8D	.01	Ø 1.61	-	Ø 3.00	13.60	-	39.00
TD.MI.162.8D	.01	Ø 1.62	-	Ø 3.00	13.60	-	39.00
TD.MI.163.8D	.01	Ø 1.63	-	Ø 3.00	13.60	-	39.00
TD.MI.164.8D	.01	Ø 1.64	-	Ø 3.00	13.60	-	39.00
TD.MI.165.8D	.01	Ø 1.65	-	Ø 3.00	13.60	-	39.00
TD.MI.166.8D	.01	Ø 1.66	-	Ø 3.00	13.60	-	39.00
TD.MI.167.8D	.01	Ø 1.67	-	Ø 3.00	13.60	-	39.00
TD.MI.168.8D	.01	Ø 1.68	-	Ø 3.00	13.60	-	39.00
TD.MI.169.8D	.01	Ø 1.69	-	Ø 3.00	13.60	-	39.00
TD.MI.170.8D	.01	Ø 1.70	-	Ø 3.00	13.60	-	39.00
TD.MI.171.8D	.01	Ø 1.71	-	Ø 3.00	14.40	-	39.00
TD.MI.172.8D	.01	Ø 1.72	-	Ø 3.00	14.40	-	39.00
TD.MI.173.8D	.01	Ø 1.73	-	Ø 3.00	14.40	-	39.00
TD.MI.174.8D	.01	Ø 1.74	-	Ø 3.00	14.40	-	39.00
TD.MI.175.8D	.01	Ø 1.75	-	Ø 3.00	14.40	-	39.00
TD.MI.176.8D	.01	Ø 1.76	-	Ø 3.00	14.40	-	39.00
TD.MI.177.8D	.01	Ø 1.77	-	Ø 3.00	14.40	-	39.00
TD.MI.178.8D	.01	Ø 1.78	-	Ø 3.00	14.40	-	39.00
TD.MI.179.8D	.01	Ø 1.79	-	Ø 3.00	14.40	-	39.00
TD.MI.180.8D	.01	Ø 1.80	-	Ø 3.00	14.40	-	39.00
TD.MI.181.8D	.01	Ø 1.81	-	Ø 3.00	15.20	-	39.00
TD.MI.182.8D	.01	Ø 1.82	-	Ø 3.00	15.20	-	39.00
TD.MI.183.8D	.01	Ø 1.83	-	Ø 3.00	15.20	-	39.00
TD.MI.184.8D	.01	Ø 1.84	-	Ø 3.00	15.20	-	39.00
TD.MI.185.8D	.01	Ø 1.85	-	Ø 3.00	15.20	-	39.00

Article number	α-INOX	D1 (mm)	D2 (mm)	D3 h5 (mm)	L1 (mm)	L2 (mm)	GL (mm)
TD.MI.186.8D	.01	Ø 1.86	-	Ø 3.00	15.20	-	39.00
TD.MI.187.8D	.01	Ø 1.87	-	Ø 3.00	15.20	-	39.00
TD.MI.188.8D	.01	Ø 1.88	-	Ø 3.00	15.20	-	39.00
TD.MI.189.8D	.01	Ø 1.89	-	Ø 3.00	15.20	-	39.00
TD.MI.190.8D	.01	Ø 1.90	-	Ø 3.00	15.20	-	39.00
TD.MI.191.8D	.01	Ø 1.91	-	Ø 3.00	16.00	-	39.00
TD.MI.192.8D	.01	Ø 1.92	-	Ø 3.00	16.00	-	39.00
TD.MI.193.8D	.01	Ø 1.93	-	Ø 3.00	16.00	-	39.00
TD.MI.194.8D	.01	Ø 1.94	-	Ø 3.00	16.00	-	39.00
TD.MI.195.8D	.01	Ø 1.95	-	Ø 3.00	16.00	-	39.00
TD.MI.196.8D	.01	Ø 1.96	-	Ø 3.00	16.00	-	39.00
TD.MI.197.8D	.01	Ø 1.97	-	Ø 3.00	16.00	-	39.00
TD.MI.198.8D	.01	Ø 1.98	-	Ø 3.00	16.00	-	39.00
TD.MI.199.8D	.01	Ø 1.99	-	Ø 3.00	16.00	-	39.00
TD.MI.200.8D	.01	Ø 2.00	-	Ø 3.00	16.00	-	39.00
TD.MI.201.8D	.01	Ø 2.01	-	Ø 3.00	16.80	-	39.00
TD.MI.202.8D	.01	Ø 2.02	-	Ø 3.00	16.80	-	39.00
TD.MI.203.8D	.01	Ø 2.03	-	Ø 3.00	16.80	-	39.00
TD.MI.204.8D	.01	Ø 2.04	-	Ø 3.00	16.80	-	39.00
TD.MI.205.8D	.01	Ø 2.05	-	Ø 3.00	16.80	-	39.00

Available from stock





Material group	Material group	Mat. no.	DIN	AISI/ASTM/UNS
P	Steels up to RM < 1200N/mm ²	1.0044	S275JR	AISI 1020
		1.0715	11SMn30	AISI 1215
		1.7131	16MnCr5	AISI 5115
		1.3505	100Cr6	AISI 52100
		1.7225	42CrMo4	AISI 4140
M	Stainless steels: ferritic, martensitic, austenitic	1.4034	X46Cr13	AISI 420C
		1.4542	X5CrNiCuNb 16-4	AISI 630 / ASTM 17-4 PH
		1.4545	X5CrNiCuNb 15-5	ASTM 15-5 PH
		1.4301	X5CrNi 18-10	AISI 304
		1.4435	X2CrNiMo 18-14-3	AISI 316L
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
N	Non-ferrous metals	3.2315	AlMgSi1	ASTM 6351
		2.0065	Cu-ETP / CW004A	UNS C11000
		2.0321	CuZn37 CW508L	UNS C27400
		2.0401	CuZn39Pb3 / CW614N	UNS C38500
		2.0966	CuAl10Ni5Fe4	UNS C63000
S (S1, S2, S3)	Heat-resistant steels, titanium, CrCo	2.4617	NiMo28	Hastelloy B-2
		2.4665	NiCr22Fe18Mo	Hastelloy X
		3.7165	TiAl6V4	ASTM B348 / F136
		9.9367	TiAl6Nb7	ASTM F1295
		2.4964	CoCr20W15Ni	Haynes 25
H	Hardened steels ≥ 60 HRC		CrCoMo28	ASTM F1537
		1.2510	100MnCrMoW4	AISI O1
		1.2379	X153CrMoV12	AISI D2

Recommended use Highly suitable Partially suitable Not recommended

Ø 0.1 - 0.5 mm		Ø 0.5 - 1.0 mm		Ø 1.0 - 1.2 mm		Ø 1.5 - 2.05 mm	
vc [m/min]	fz [mm]	vc [m/min]	fz [mm]	vc [m/min]	fz [mm]	vc [m/min]	fz [mm]
30-80	0.004 - 0.01	30-80	0.012- 0.046	40-100	0.015- 0.066	40-100	0.020 - 0.07
30-80	0.004 - 0.01	30-80	0.018- 0.026	40-120	0.015- 0.056	40-120	0.020 - 0.74
30-100	0.004 - 0.01	30-100	0.009 - 0.016	40-120	0.015 - 0.04	40-120	0.020 - 0.080
30-80	0.004 - 0.01	30-80	0.008 - 0.020	40-80	0.014 - 0.038	40-80	0.020 - 0.070
40-100	0.007 - 0.014	40-100	0.01 - 0.042	40-120	0.016 - 0.042	40-120	0.03 - 0.11
30-100	0.007 - 0.016	30-100	0.012 - 0.046	40-120	0.13 - 0.066	40-120	0.035 - 0.12
30-110	0.007 - 0.016	30-110	0.01 - 0.068	40-120	0.013 - 0.088	40-120	0.035 - 0.130
30-120	0.007 - 0.014	30-120	0.01 - 0.048	40-120	0.014 - 0.088	40-120	0.035 - 0.120
15 - 50	0.007 - 0.01	15 - 50	0.008 - 0.045	15 - 50	0.015 - 0.045	15 - 50	0.040 - 0.092
15 - 50	0.007 - 0.01	15 - 50	0.008 - 0.045	15 - 50	0.015 - 0.045	15 - 50	0.040 - 0.120
15 - 50	0.007 - 0.01	15 - 50	0.008 - 0.024	15 - 50	0.01 - 0.024	15 - 50	0.035 - 0.092
15-32	0.003 - 0.009	15-32	0.004 - 0.009	15-32	0.006 - 0.009	15-32	0.006 - 0.012
no data available							

TARGETDRILL®

by HB microtec *micro-INOX 8xD*



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