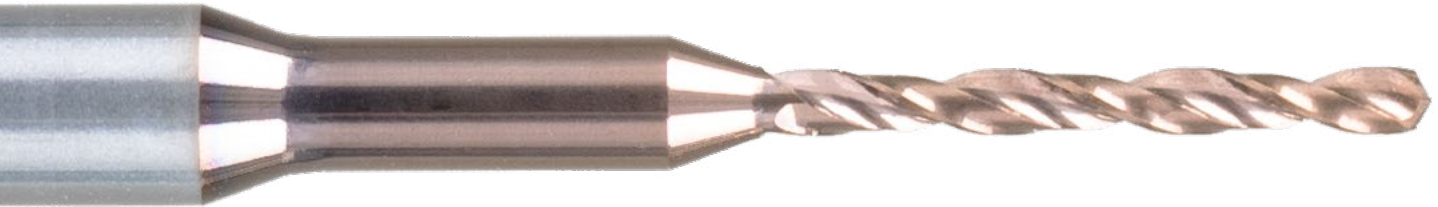


„micro“-INOX

HB Microtec[®]
ACTIONTOOLS & ENGINEERING



TARGET DRILL[®]
by HB microtec
micro-INOX



■ With or without coating

130° INOX
high-performance point
geometry, self-centering

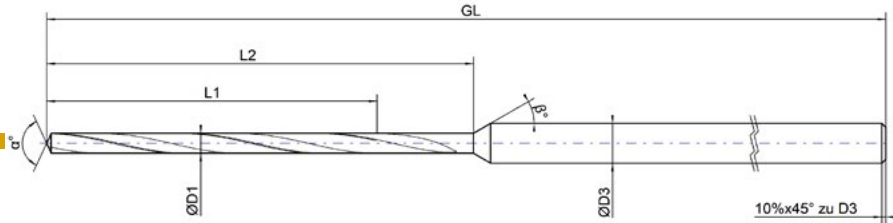


The reinforced h6 shank

High cutting and feed rates are possible

from Ø 0.1
to Ø 3.0

in 0.05 mm steps

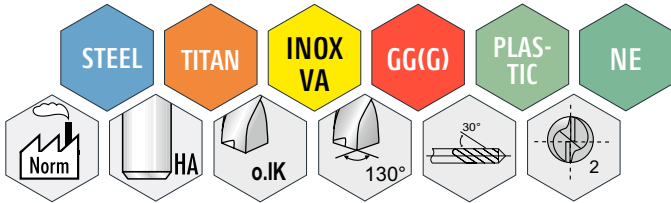


☐ Order Order number: _____ ☐ Inquiry

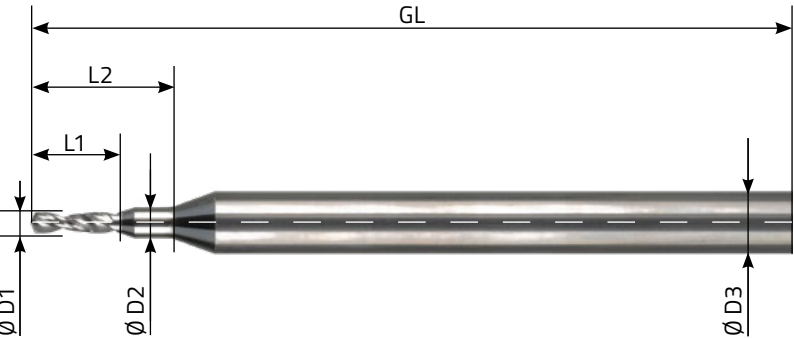
Dimensions: D ₁ : _____ GL: _____ α: _____ D ₃ : _____ L ₁ : _____ β: _____ L ₂ : _____ Z: _____	Coating: ☐ Coated*: _____ ☐ Uncoated	Cooling channels: ☐ Yes ☐ No Cutting direction: ☐ Left ☐ Right
Material to be machined: _____	Shank shape: _____	Quantity: _____
Date, signature & company stamp: _____		Contact person: _____

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

VHM micro-INOX 3xD



TARGETDRILL micro-INOX
TD.MI.010.3D(.01) ← α-INOX coating
D1: Ø 0.10 mm 3xD



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

Article number	α-INOX	D1 (mm)	D2 (mm)	D3 h5 (mm)	L1 (mm)	L2 (mm)	GL (mm)
TD.MI.010.3D	.01	Ø 0.10	1.00	3.00	0.30	3.00	38.00
TD.MI.015.3D	.01	Ø 0.15	1.00	3.00	0.45	3.00	38.00
TD.MI.020.3D	.01	Ø 0.20	1.00	3.00	0.60	3.00	38.00
TD.MI.025.3D	.01	Ø 0.25	1.00	3.00	0.75	3.00	38.00
TD.MI.030.3D	.01	Ø 0.30	1.00	3.00	0.90	3.00	38.00
TD.MI.035.3D	.01	Ø 0.35	1.00	3.00	1.05	3.00	38.00
TD.MI.040.3D	.01	Ø 0.40	1.00	3.00	1.20	3.00	38.00
TD.MI.045.3D	.01	Ø 0.45	1.00	3.00	1.35	3.00	38.00
TD.MI.050.3D	.01	Ø 0.50	1.50	3.00	1.50	6.00	38.00
TD.MI.055.3D	.01	Ø 0.55	1.50	3.00	1.80	6.00	38.00
TD.MI.060.3D	.01	Ø 0.60	1.50	3.00	1.80	6.00	38.00
TD.MI.065.3D	.01	Ø 0.65	1.50	3.00	2.10	6.00	38.00
TD.MI.070.3D	.01	Ø 0.70	1.50	3.00	2.10	6.00	38.00
TD.MI.075.3D	.01	Ø 0.75	1.50	3.00	2.40	6.00	38.00
TD.MI.080.3D	.01	Ø 0.80	1.50	3.00	2.40	6.00	38.00
TD.MI.085.3D	.01	Ø 0.85	1.50	3.00	2.70	6.00	38.00
TD.MI.090.3D	.01	Ø 0.90	1.50	3.00	2.70	6.00	38.00



Article number	α-INOX	D1 (mm)	D2 (mm)	D3 h5 (mm)	L1 (mm)	L2 (mm)	GL (mm)
TD.MI.095.3D	.01	Ø 0.95	1.50	3.00	3.00	6.00	38.00
TD.MI.100.3D	.01	Ø 1.00	2.00	3.00	3.00	6.00	38.00
TD.MI.105.3D	.01	Ø 1.05	2.00	3.00	3.30	6.00	38.00
TD.MI.110.3D	.01	Ø 1.10	2.00	3.00	3.30	6.00	38.00
TD.MI.115.3D	.01	Ø 1.15	2.00	3.00	3.60	6.00	38.00
TD.MI.120.3D	.01	Ø 1.20	2.00	3.00	3.60	6.00	38.00
TD.MI.125.3D	.01	Ø 1.25	2.00	3.00	3.90	6.00	38.00
TD.MI.130.3D	.01	Ø 1.30	2.00	3.00	3.90	6.00	38.00
TD.MI.135.3D	.01	Ø 1.35	2.00	3.00	4.20	6.00	38.00
TD.MI.140.3D	.01	Ø 1.40	2.00	3.00	4.20	6.00	38.00
TD.MI.145.3D	.01	Ø 1.45	2.00	3.00	4.50	6.00	38.00
TD.MI.150.3D	.01	Ø 1.50	-	3.00	4.50	-	38.00
TD.MI.155.3D	.01	Ø 1.55	-	3.00	4.80	-	38.00
TD.MI.160.3D	.01	Ø 1.60	-	3.00	4.80	-	38.00
TD.MI.165.3D	.01	Ø 1.65	-	3.00	5.10	-	38.00
TD.MI.170.3D	.01	Ø 1.70	-	3.00	5.10	-	38.00
TD.MI.175.3D	.01	Ø 1.75	-	3.00	5.40	-	38.00
TD.MI.180.3D	.01	Ø 1.80	-	3.00	5.40	-	38.00
TD.MI.185.3D	.01	Ø 1.85	-	3.00	5.70	-	38.00
TD.MI.190.3D	.01	Ø 1.90	-	3.00	5.70	-	38.00
TD.MI.195.3D	.01	Ø 1.95	-	3.00	6.00	-	38.00
TD.MI.200.3D	.01	Ø 2.00	-	3.00	6.00	-	38.00
TD.MI.205.3D	.01	Ø 2.05	-	3.00	6.30	-	38.00
TD.MI.210.3D	.01	Ø 2.10	-	3.00	6.30	-	38.00
TD.MI.215.3D	.01	Ø 2.15	-	3.00	6.60	-	38.00
TD.MI.220.3D	.01	Ø 2.20	-	3.00	6.60	-	38.00
TD.MI.225.3D	.01	Ø 2.25	-	3.00	6.90	-	38.00
TD.MI.230.3D	.01	Ø 2.30	-	3.00	6.90	-	38.00
TD.MI.235.3D	.01	Ø 2.35	-	3.00	7.20	-	38.00
TD.MI.240.3D	.01	Ø 2.40	-	3.00	7.20	-	38.00
TD.MI.245.3D	.01	Ø 2.45	-	3.00	7.50	-	38.00
TD.MI.250.3D	.01	Ø 2.50	-	3.00	7.50	-	38.00
TD.MI.255.3D	.01	Ø 2.55	-	3.00	7.80	-	38.00
TD.MI.260.3D	.01	Ø 2.60	-	3.00	7.80	-	38.00
TD.MI.265.3D	.01	Ø 2.65	-	3.00	8.10	-	38.00
TD.MI.270.3D	.01	Ø 2.70	-	3.00	8.10	-	38.00
TD.MI.275.3D	.01	Ø 2.75	-	3.00	8.40	-	38.00
TD.MI.280.3D	.01	Ø 2.80	-	3.00	8.40	-	38.00
TD.MI.285.3D	.01	Ø 2.85	-	3.00	8.70	-	38.00
TD.MI.290.3D	.01	Ø 2.90	-	3.00	8.70	-	38.00
TD.MI.295.3D	.01	Ø 2.95	-	3.00	9.00	-	38.00
TD.MI.300.3D	.01	Ø 3.00	-	3.00	9.00	-	38.00

Available from stock

■ With or without coating

130° INOX
high-performance point
geometry, self-centering

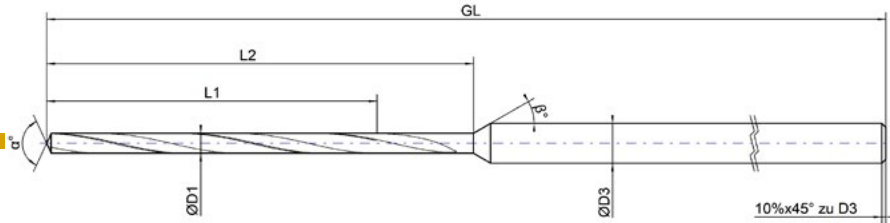
The reinforced h6 shank

High cutting and feed rates are possible

TARGETDRILL[®]
by HB microtec
micro-INOX 5xD

from Ø 0.1
to Ø 3.0

in 0.01 mm steps

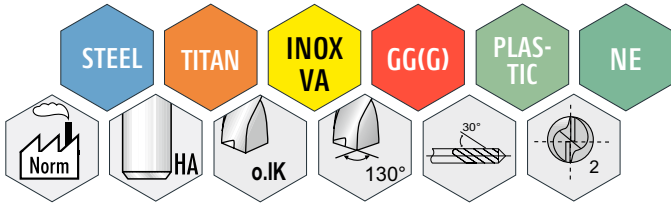


☐ Order Order number: _____ ☐ Inquiry

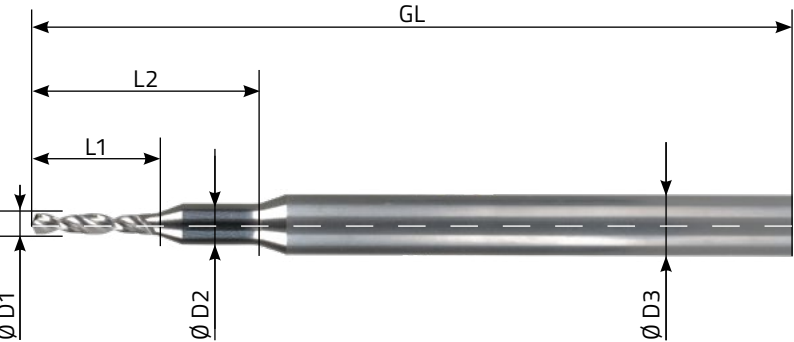
Dimensions: D ₁ : _____ GL: _____ α: _____ D ₃ : _____ L ₁ : _____ β: _____ L ₂ : _____ Z: _____	Coating: ☐ Coated*: _____ ☐ Uncoated	Cooling channels: ☐ Yes ☐ No Cutting direction: ☐ Left ☐ Right
Material to be machined: _____	Shank shape: _____	Quantity: _____
Date, signature & company stamp: _____		Contact person: _____

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

VHM micro-INOX 5xD



TARGETDRILL micro-INOX
TD.MI.010.5D(.01) ← α-INOX coating
D1: Ø 0.10 mm 5xD



- 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 3.0 in 0.01 mm increments, available from stock
- 5xD 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.010.5D	.01	Ø 0.10	1.00	3.00	0.50	5.00	38.00
TD.MI.011.5D	.01	Ø 0.11	1.00	3.00	0.60	5.00	38.00
TD.MI.012.5D	.01	Ø 0.12	1.00	3.00	0.70	5.00	38.00
TD.MI.013.5D	.01	Ø 0.13	1.00	3.00	0.80	5.00	38.00
TD.MI.014.5D	.01	Ø 0.14	1.00	3.00	0.90	5.00	38.00
TD.MI.015.5D	.01	Ø 0.15	1.00	3.00	1.00	5.00	38.00
TD.MI.016.5D	.01	Ø 0.16	1.00	3.00	1.25	5.00	38.00
TD.MI.017.5D	.01	Ø 0.17	1.00	3.00	1.50	5.00	38.00
TD.MI.018.5D	.01	Ø 0.18	1.00	3.00	1.75	5.00	38.00
TD.MI.019.5D	.01	Ø 0.19	1.00	3.00	2.00	5.00	38.00
TD.MI.020.5D	.01	Ø 0.20	1.00	3.00	2.25	5.00	38.00
TD.MI.021.5D	.01	Ø 0.21	1.00	3.00	2.25	5.00	38.00
TD.MI.022.5D	.01	Ø 0.22	1.00	3.00	2.25	5.00	38.00
TD.MI.023.5D	.01	Ø 0.23	1.00	3.00	2.25	5.00	38.00
TD.MI.024.5D	.01	Ø 0.24	1.00	3.00	2.25	5.00	38.00
TD.MI.025.5D	.01	Ø 0.25	1.00	3.00	2.25	5.00	38.00
TD.MI.026.5D	.01	Ø 0.26	1.00	3.00	2.25	5.00	38.00
TD.MI.027.5D	.01	Ø 0.27	1.00	3.00	2.25	5.00	38.00
TD.MI.028.5D	.01	Ø 0.28	1.00	3.00	2.25	5.00	38.00
TD.MI.029.5D	.01	Ø 0.29	1.00	3.00	2.25	5.00	38.00
TD.MI.030.5D	.01	Ø 0.30	1.00	3.00	2.25	5.00	38.00
TD.MI.031.5D	.01	Ø 0.31	1.00	3.00	2.25	5.00	38.00
TD.MI.032.5D	.01	Ø 0.32	1.00	3.00	2.25	5.00	38.00
TD.MI.033.5D	.01	Ø 0.33	1.00	3.00	2.25	5.00	38.00
TD.MI.034.5D	.01	Ø 0.34	1.00	3.00	2.25	5.00	38.00
TD.MI.035.5D	.01	Ø 0.35	1.00	3.00	2.25	5.00	38.00
TD.MI.036.5D	.01	Ø 0.36	1.00	3.00	2.25	5.00	38.00
TD.MI.037.5D	.01	Ø 0.37	1.00	3.00	2.25	5.00	38.00
TD.MI.038.5D	.01	Ø 0.38	1.00	3.00	2.25	5.00	38.00
TD.MI.039.5D	.01	Ø 0.39	1.00	3.00	2.25	5.00	38.00
TD.MI.040.5D	.01	Ø 0.40	1.00	3.00	2.25	5.00	38.00
TD.MI.041.5D	.01	Ø 0.41	1.00	3.00	2.25	5.00	38.00
TD.MI.042.5D	.01	Ø 0.42	1.00	3.00	2.25	5.00	38.00
TD.MI.043.5D	.01	Ø 0.43	1.00	3.00	2.25	5.00	38.00
TD.MI.044.5D	.01	Ø 0.44	1.00	3.00	2.25	5.00	38.00
TD.MI.045.5D	.01	Ø 0.45	1.00	3.00	2.25	5.00	38.00
TD.MI.046.5D	.01	Ø 0.46	1.00	3.00	2.25	5.00	38.00
TD.MI.047.5D	.01	Ø 0.47	1.00	3.00	2.25	5.00	38.00
TD.MI.048.5D	.01	Ø 0.48	1.00	3.00	2.25	5.00	38.00
TD.MI.049.5D	.01	Ø 0.49	1.00	3.00	2.25	5.00	38.00
TD.MI.050.5D	.01	Ø 0.50	1.50	3.00	2.50	10.00	38.00
TD.MI.051.5D	.01	Ø 0.51	1.50	3.00	3.00	10.00	38.00
TD.MI.052.5D	.01	Ø 0.52	1.50	3.00	3.00	10.00	38.00
TD.MI.053.5D	.01	Ø 0.53	1.50	3.00	3.00	10.00	38.00

Article number	α-INOX	D1 (mm)	D2 (mm)	D3 h5 (mm)	L1 (mm)	L2 (mm)	GL (mm)
TD.MI.054.5D	.01	Ø 0.54	1.50	3.00	3.00	10.00	38.00
TD.MI.055.5D	.01	Ø 0.55	1.50	3.00	3.00	10.00	38.00
TD.MI.056.5D	.01	Ø 0.56	1.50	3.00	3.00	10.00	38.00
TD.MI.057.5D	.01	Ø 0.57	1.50	3.00	3.00	10.00	38.00
TD.MI.058.5D	.01	Ø 0.58	1.50	3.00	3.00	10.00	38.00
TD.MI.059.5D	.01	Ø 0.59	1.50	3.00	3.00	10.00	38.00
TD.MI.060.5D	.01	Ø 0.60	1.50	3.00	3.00	10.00	38.00
TD.MI.061.5D	.01	Ø 0.61	1.50	3.00	3.50	10.00	38.00
TD.MI.062.5D	.01	Ø 0.62	1.50	3.00	3.50	10.00	38.00
TD.MI.063.5D	.01	Ø 0.63	1.50	3.00	3.50	10.00	38.00
TD.MI.064.5D	.01	Ø 0.64	1.50	3.00	3.50	10.00	38.00
TD.MI.065.5D	.01	Ø 0.65	1.50	3.00	3.50	10.00	38.00
TD.MI.066.5D	.01	Ø 0.66	1.50	3.00	3.50	10.00	38.00
TD.MI.067.5D	.01	Ø 0.67	1.50	3.00	3.50	10.00	38.00
TD.MI.068.5D	.01	Ø 0.68	1.50	3.00	3.50	10.00	38.00
TD.MI.069.5D	.01	Ø 0.69	1.50	3.00	3.50	10.00	38.00
TD.MI.070.5D	.01	Ø 0.70	1.50	3.00	3.50	10.00	38.00
TD.MI.071.5D	.01	Ø 0.71	1.50	3.00	4.00	10.00	38.00
TD.MI.072.5D	.01	Ø 0.72	1.50	3.00	4.00	10.00	38.00
TD.MI.073.5D	.01	Ø 0.73	1.50	3.00	4.00	10.00	38.00
TD.MI.074.5D	.01	Ø 0.74	1.50	3.00	4.00	10.00	38.00
TD.MI.075.5D	.01	Ø 0.75	1.50	3.00	4.00	10.00	38.00
TD.MI.076.5D	.01	Ø 0.76	1.50	3.00	4.00	10.00	38.00
TD.MI.077.5D	.01	Ø 0.77	1.50	3.00	4.00	10.00	38.00
TD.MI.078.5D	.01	Ø 0.78	1.50	3.00	4.00	10.00	38.00
TD.MI.079.5D	.01	Ø 0.79	1.50	3.00	4.00	10.00	38.00
TD.MI.080.5D	.01	Ø 0.80	1.50	3.00	4.00	10.00	38.00
TD.MI.081.5D	.01	Ø 0.81	1.50	3.00	4.50	10.00	38.00
TD.MI.082.5D	.01	Ø 0.82	1.50	3.00	4.50	10.00	38.00
TD.MI.083.5D	.01	Ø 0.83	1.50	3.00	4.50	10.00	38.00
TD.MI.084.5D	.01	Ø 0.84	1.50	3.00	4.50	10.00	38.00
TD.MI.085.5D	.01	Ø 0.85	1.50	3.00	4.50	10.00	38.00
TD.MI.086.5D	.01	Ø 0.86	1.50	3.00	4.50	10.00	38.00
TD.MI.087.5D	.01	Ø 0.87	1.50	3.00	4.50	10.00	38.00
TD.MI.088.5D	.01	Ø 0.88	1.50	3.00	4.50	10.00	38.00
TD.MI.089.5D	.01	Ø 0.89	1.50	3.00	4.50	10.00	38.00
TD.MI.090.5D	.01	Ø 0.90	1.50	3.00	4.50	10.00	38.00
TD.MI.091.5D	.01	Ø 0.91	1.50	3.00	5.00	10.00	38.00
TD.MI.092.5D	.01	Ø 0.92	1.50	3.00	5.00	10.00	38.00
TD.MI.093.5D	.01	Ø 0.93	1.50	3.00	5.00	10.00	38.00
TD.MI.094.5D	.01	Ø 0.94	1.50	3.00	5.00	10.00	38.00
TD.MI.095.5D	.01	Ø 0.95	1.50	3.00	5.00	10.00	38.00
TD.MI.096.5D	.01	Ø 0.96	1.50	3.00	5.00	10.00	38.00
TD.MI.097.5D	.01	Ø 0.97	1.50	3.00	5.00	10.00	38.00

Article number	α-INOX	D1 (mm)	D2 (mm)	D3 h5 (mm)	L1 (mm)	L2 (mm)	GL (mm)
TD.MI.098.5D	.01	Ø 0.98	1.50	3.00	5.00	10.00	38.00
TD.MI.099.5D	.01	Ø 0.99	1.50	3.00	5.00	10.00	38.00
TD.MI.100.5D	.01	Ø 1.00	2.00	3.00	5.00	10.00	38.00
TD.MI.101.5D	.01	Ø 1.01	2.00	3.00	5.50	10.00	38.00
TD.MI.102.5D	.01	Ø 1.02	2.00	3.00	5.50	10.00	38.00
TD.MI.103.5D	.01	Ø 1.03	2.00	3.00	5.50	10.00	38.00
TD.MI.104.5D	.01	Ø 1.04	2.00	3.00	5.50	10.00	38.00
TD.MI.105.5D	.01	Ø 1.05	2.00	3.00	5.50	10.00	38.00
TD.MI.106.5D	.01	Ø 1.06	2.00	3.00	5.50	10.00	38.00
TD.MI.107.5D	.01	Ø 1.07	2.00	3.00	5.50	10.00	38.00
TD.MI.108.5D	.01	Ø 1.08	2.00	3.00	5.50	10.00	38.00
TD.MI.109.5D	.01	Ø 1.09	2.00	3.00	5.50	10.00	38.00
TD.MI.110.5D	.01	Ø 1.10	2.00	3.00	5.50	10.00	38.00
TD.MI.111.5D	.01	Ø 1.11	2.00	3.00	6.00	10.00	38.00
TD.MI.112.5D	.01	Ø 1.12	2.00	3.00	6.00	10.00	38.00
TD.MI.113.5D	.01	Ø 1.13	2.00	3.00	6.00	10.00	38.00
TD.MI.114.5D	.01	Ø 1.14	2.00	3.00	6.00	10.00	38.00
TD.MI.115.5D	.01	Ø 1.15	2.00	3.00	6.00	10.00	38.00
TD.MI.116.5D	.01	Ø 1.16	2.00	3.00	6.00	10.00	38.00
TD.MI.117.5D	.01	Ø 1.17	2.00	3.00	6.00	10.00	38.00
TD.MI.118.5D	.01	Ø 1.18	2.00	3.00	6.00	10.00	38.00
TD.MI.119.5D	.01	Ø 1.19	2.00	3.00	6.00	10.00	38.00
TD.MI.120.5D	.01	Ø 1.20	2.00	3.00	6.00	10.00	38.00
TD.MI.121.5D	.01	Ø 1.21	2.00	3.00	6.00	10.00	38.00
TD.MI.122.5D	.01	Ø 1.22	2.00	3.00	6.00	10.00	38.00
TD.MI.123.5D	.01	Ø 1.23	2.00	3.00	6.00	10.00	38.00
TD.MI.124.5D	.01	Ø 1.24	2.00	3.00	6.00	10.00	38.00
TD.MI.125.5D	.01	Ø 1.25	2.00	3.00	6.00	10.00	38.00
TD.MI.126.5D	.01	Ø 1.26	2.00	3.00	6.00	10.00	38.00
TD.MI.127.5D	.01	Ø 1.27	2.00	3.00	6.00	10.00	38.00
TD.MI.128.5D	.01	Ø 1.28	2.00	3.00	6.00	10.00	38.00
TD.MI.129.5D	.01	Ø 1.29	2.00	3.00	6.00	10.00	38.00
TD.MI.130.5D	.01	Ø 1.30	2.00	3.00	6.00	10.00	38.00
TD.MI.131.5D	.01	Ø 1.31	2.00	3.00	7.00	10.00	38.00
TD.MI.132.5D	.01	Ø 1.32	2.00	3.00	7.00	10.00	38.00
TD.MI.133.5D	.01	Ø 1.33	2.00	3.00	7.00	10.00	38.00
TD.MI.134.5D	.01	Ø 1.34	2.00	3.00	7.00	10.00	38.00
TD.MI.135.5D	.01	Ø 1.35	2.00	3.00	7.00	10.00	38.00
TD.MI.136.5D	.01	Ø 1.36	2.00	3.00	7.00	10.00	38.00
TD.MI.137.5D	.01	Ø 1.37	2.00	3.00	7.00	10.00	38.00
TD.MI.138.5D	.01	Ø 1.38	2.00	3.00	7.00	10.00	38.00
TD.MI.139.5D	.01	Ø 1.39	2.00	3.00	7.00	10.00	38.00
TD.MI.140.5D	.01	Ø 1.40	2.00	3.00	7.00	10.00	38.00
TD.MI.141.5D	.01	Ø 1.41	2.00	3.00	7.50	10.00	38.00

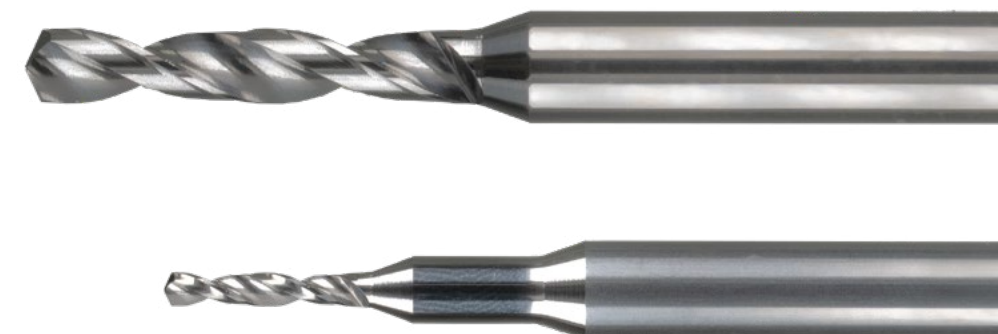
Article number	α-INOX	D1 (mm)	D2 (mm)	D3 h5 (mm)	L1 (mm)	L2 (mm)	GL (mm)
TD.MI.142.5D	.01	Ø 1.42	2.00	3.00	7.50	10.00	38.00
TD.MI.143.5D	.01	Ø 1.43	2.00	3.00	7.50	10.00	38.00
TD.MI.144.5D	.01	Ø 1.44	2.00	3.00	7.50	10.00	38.00
TD.MI.145.5D	.01	Ø 1.45	2.00	3.00	7.50	10.00	38.00
TD.MI.146.5D	.01	Ø 1.46	2.00	3.00	7.50	10.00	38.00
TD.MI.147.5D	.01	Ø 1.47	2.00	3.00	7.50	10.00	38.00
TD.MI.148.5D	.01	Ø 1.48	2.00	3.00	7.50	10.00	38.00
TD.MI.149.5D	.01	Ø 1.49	2.00	3.00	7.50	10.00	38.00
TD.MI.150.5D	.01	Ø 1.50	-	3.00	7.50	-	38.00
TD.MI.151.5D	.01	Ø 1.51	-	3.00	8.00	-	38.00
TD.MI.152.5D	.01	Ø 1.52	-	3.00	8.00	-	38.00
TD.MI.153.5D	.01	Ø 1.53	-	3.00	8.00	-	38.00
TD.MI.154.5D	.01	Ø 1.54	-	3.00	8.00	-	38.00
TD.MI.155.5D	.01	Ø 1.55	-	3.00	8.00	-	38.00
TD.MI.156.5D	.01	Ø 1.56	-	3.00	8.00	-	38.00
TD.MI.157.5D	.01	Ø 1.57	-	3.00	8.00	-	38.00
TD.MI.158.5D	.01	Ø 1.58	-	3.00	8.00	-	38.00
TD.MI.159.5D	.01	Ø 1.59	-	3.00	8.00	-	38.00
TD.MI.160.5D	.01	Ø 1.60	-	3.00	8.00	-	38.00
TD.MI.161.5D	.01	Ø 1.61	-	3.00	8.50	-	38.00
TD.MI.162.5D	.01	Ø 1.62	-	3.00	8.50	-	38.00
TD.MI.163.5D	.01	Ø 1.63	-	3.00	8.50	-	38.00
TD.MI.164.5D	.01	Ø 1.64	-	3.00	8.50	-	38.00
TD.MI.165.5D	.01	Ø 1.65	-	3.00	8.50	-	38.00
TD.MI.166.5D	.01	Ø 1.66	-	3.00	8.50	-	38.00
TD.MI.167.5D	.01	Ø 1.67	-	3.00	8.50	-	38.00
TD.MI.168.5D	.01	Ø 1.68	-	3.00	8.50	-	38.00
TD.MI.169.5D	.01	Ø 1.69	-	3.00	8.50	-	38.00
TD.MI.170.5D	.01	Ø 1.70	-	3.00	8.50	-	38.00
TD.MI.171.5D	.01	Ø 1.71	-	3.00	9.00	-	38.00
TD.MI.172.5D	.01	Ø 1.72	-	3.00	9.00	-	38.00
TD.MI.173.5D	.01	Ø 1.73	-	3.00	9.00	-	38.00
TD.MI.174.5D	.01	Ø 1.74	-	3.00	9.00	-	38.00
TD.MI.175.5D	.01	Ø 1.75	-	3.00	9.00	-	38.00
TD.MI.176.5D	.01	Ø 1.76	-	3.00	9.00	-	38.00
TD.MI.177.5D	.01	Ø 1.77	-	3.00	9.00	-	38.00
TD.MI.178.5D	.01	Ø 1.78	-	3.00	9.00	-	38.00
TD.MI.179.5D	.01	Ø 1.79	-	3.00	9.00	-	38.00
TD.MI.180.5D	.01	Ø 1.80	-	3.00	9.00	-	38.00
TD.MI.181.5D	.01	Ø 1.81	-	3.00	9.50	-	38.00
TD.MI.182.5D	.01	Ø 1.82	-	3.00	9.50	-	38.00
TD.MI.183.5D	.01	Ø 1.83	-	3.00	9.50	-	38.00
TD.MI.184.5D	.01	Ø 1.84	-	3.00	9.50	-	38.00
TD.MI.185.5D	.01	Ø 1.85	-	3.00	9.50	-	38.00

Article number	α-INOX	D1 (mm)	D2 (mm)	D3 h5 (mm)	L1 (mm)	L2 (mm)	GL (mm)
TD.MI.186.5D	.01	Ø 1.86	-	3.00	9.50	-	38.00
TD.MI.187.5D	.01	Ø 1.87	-	3.00	9.50	-	38.00
TD.MI.188.5D	.01	Ø 1.88	-	3.00	9.50	-	38.00
TD.MI.189.5D	.01	Ø 1.89	-	3.00	9.50	-	38.00
TD.MI.190.5D	.01	Ø 1.90	-	3.00	9.50	-	38.00
TD.MI.191.5D	.01	Ø 1.91	-	3.00	10.00	-	38.00
TD.MI.192.5D	.01	Ø 1.92	-	3.00	10.00	-	38.00
TD.MI.193.5D	.01	Ø 1.93	-	3.00	10.00	-	38.00
TD.MI.194.5D	.01	Ø 1.94	-	3.00	10.00	-	38.00
TD.MI.195.5D	.01	Ø 1.95	-	3.00	10.00	-	38.00
TD.MI.196.5D	.01	Ø 1.96	-	3.00	10.00	-	38.00
TD.MI.197.5D	.01	Ø 1.97	-	3.00	10.00	-	38.00
TD.MI.198.5D	.01	Ø 1.98	-	3.00	10.00	-	38.00
TD.MI.199.5D	.01	Ø 1.99	-	3.00	10.00	-	38.00
TD.MI.200.5D	.01	Ø 2.00	-	3.00	10.00	-	38.00
TD.MI.201.5D	.01	Ø 2.01	-	3.00	10.50	-	38.00
TD.MI.202.5D	.01	Ø 2.02	-	3.00	10.50	-	38.00
TD.MI.203.5D	.01	Ø 2.03	-	3.00	10.50	-	38.00
TD.MI.204.5D	.01	Ø 2.04	-	3.00	10.50	-	38.00
TD.MI.205.5D	.01	Ø 2.05	-	3.00	10.50	-	38.00
TD.MI.206.5D	.01	Ø 2.06	-	3.00	10.50	-	38.00
TD.MI.207.5D	.01	Ø 2.07	-	3.00	10.50	-	38.00
TD.MI.208.5D	.01	Ø 2.08	-	3.00	10.50	-	38.00
TD.MI.209.5D	.01	Ø 2.09	-	3.00	10.50	-	38.00
TD.MI.210.5D	.01	Ø 2.10	-	3.00	10.50	-	38.00
TD.MI.211.5D	.01	Ø 2.11	-	3.00	11.00	-	38.00
TD.MI.212.5D	.01	Ø 2.12	-	3.00	11.00	-	38.00
TD.MI.213.5D	.01	Ø 2.13	-	3.00	11.00	-	38.00
TD.MI.214.5D	.01	Ø 2.14	-	3.00	11.00	-	38.00
TD.MI.215.5D	.01	Ø 2.15	-	3.00	11.00	-	38.00
TD.MI.216.5D	.01	Ø 2.16	-	3.00	11.00	-	38.00
TD.MI.217.5D	.01	Ø 2.17	-	3.00	11.00	-	38.00
TD.MI.218.5D	.01	Ø 2.18	-	3.00	11.00	-	38.00
TD.MI.219.5D	.01	Ø 2.19	-	3.00	11.00	-	38.00
TD.MI.220.5D	.01	Ø 2.20	-	3.00	11.00	-	38.00
TD.MI.221.5D	.01	Ø 2.21	-	3.00	11.50	-	38.00
TD.MI.222.5D	.01	Ø 2.22	-	3.00	11.50	-	38.00
TD.MI.223.5D	.01	Ø 2.23	-	3.00	11.50	-	38.00
TD.MI.224.5D	.01	Ø 2.24	-	3.00	11.50	-	38.00
TD.MI.225.5D	.01	Ø 2.25	-	3.00	11.50	-	38.00
TD.MI.226.5D	.01	Ø 2.26	-	3.00	11.50	-	38.00
TD.MI.227.5D	.01	Ø 2.27	-	3.00	11.50	-	38.00
TD.MI.228.5D	.01	Ø 2.28	-	3.00	11.50	-	38.00
TD.MI.229.5D	.01	Ø 2.29	-	3.00	11.50	-	38.00

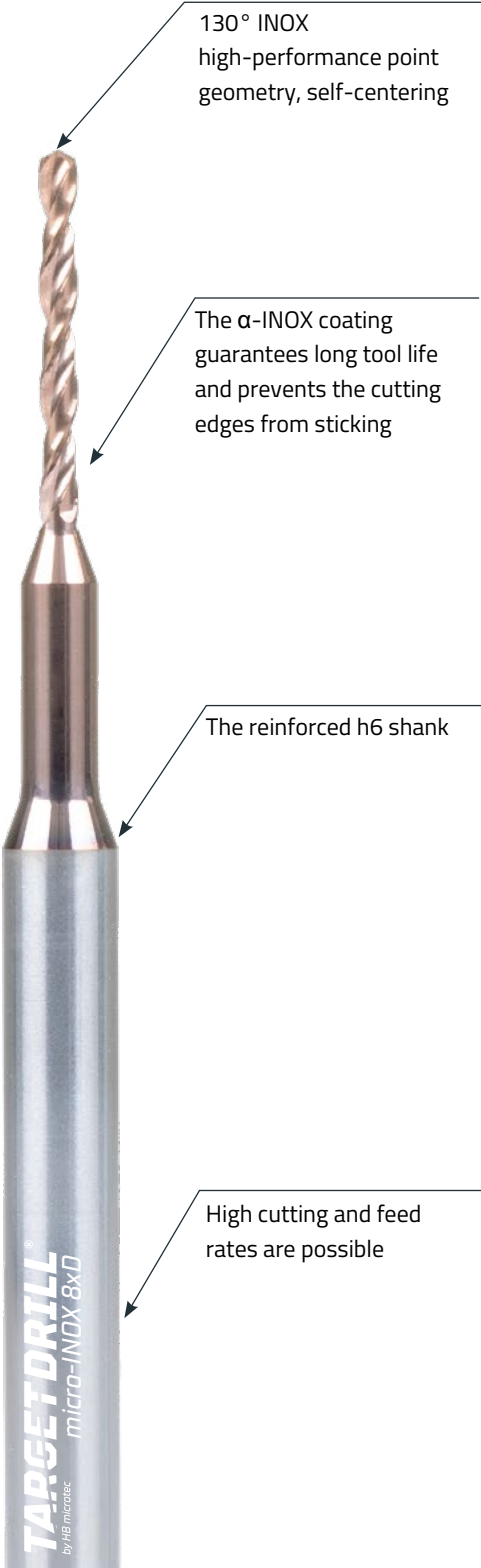
Article number	α-INOX	D1 (mm)	D2 (mm)	D3 h5 (mm)	L1 (mm)	L2 (mm)	GL (mm)
TD.MI.230.5D	.01	Ø 2.30	-	3.00	11.50	-	38.00
TD.MI.231.5D	.01	Ø 2.31	-	3.00	12.00	-	38.00
TD.MI.232.5D	.01	Ø 2.32	-	3.00	12.00	-	38.00
TD.MI.233.5D	.01	Ø 2.33	-	3.00	12.00	-	38.00
TD.MI.234.5D	.01	Ø 2.34	-	3.00	12.00	-	38.00
TD.MI.235.5D	.01	Ø 2.35	-	3.00	12.00	-	38.00
TD.MI.236.5D	.01	Ø 2.36	-	3.00	12.00	-	38.00
TD.MI.237.5D	.01	Ø 2.37	-	3.00	12.00	-	38.00
TD.MI.238.5D	.01	Ø 2.38	-	3.00	12.00	-	38.00
TD.MI.239.5D	.01	Ø 2.39	-	3.00	12.00	-	38.00
TD.MI.240.5D	.01	Ø 2.40	-	3.00	12.00	-	38.00
TD.MI.241.5D	.01	Ø 2.41	-	3.00	12.50	-	38.00
TD.MI.242.5D	.01	Ø 2.42	-	3.00	12.50	-	38.00
TD.MI.243.5D	.01	Ø 2.43	-	3.00	12.50	-	38.00
TD.MI.244.5D	.01	Ø 2.44	-	3.00	12.50	-	38.00
TD.MI.245.5D	.01	Ø 2.45	-	3.00	12.50	-	38.00
TD.MI.246.5D	.01	Ø 2.46	-	3.00	12.50	-	38.00
TD.MI.247.5D	.01	Ø 2.47	-	3.00	12.50	-	38.00
TD.MI.248.5D	.01	Ø 2.48	-	3.00	12.50	-	38.00
TD.MI.249.5D	.01	Ø 2.49	-	3.00	12.50	-	38.00
TD.MI.250.5D	.01	Ø 2.50	-	3.00	12.50	-	38.00
TD.MI.251.5D	.01	Ø 2.51	-	3.00	13.00	-	38.00
TD.MI.252.5D	.01	Ø 2.52	-	3.00	13.00	-	38.00
TD.MI.253.5D	.01	Ø 2.53	-	3.00	13.00	-	38.00
TD.MI.254.5D	.01	Ø 2.54	-	3.00	13.00	-	38.00
TD.MI.255.5D	.01	Ø 2.55	-	3.00	13.00	-	38.00
TD.MI.256.5D	.01	Ø 2.56	-	3.00	13.00	-	38.00
TD.MI.257.5D	.01	Ø 2.57	-	3.00	13.00	-	38.00
TD.MI.258.5D	.01	Ø 2.58	-	3.00	13.00	-	38.00
TD.MI.259.5D	.01	Ø 2.59	-	3.00	13.00	-	38.00
TD.MI.260.5D	.01	Ø 2.60	-	3.00	13.00	-	38.00
TD.MI.261.5D	.01	Ø 2.61	-	3.00	13.50	-	38.00
TD.MI.262.5D	.01	Ø 2.62	-	3.00	13.50	-	38.00
TD.MI.263.5D	.01	Ø 2.63	-	3.00	13.50	-	38.00
TD.MI.264.5D	.01	Ø 2.64	-	3.00	13.50	-	38.00
TD.MI.265.5D	.01	Ø 2.65	-	3.00	13.50	-	38.00
TD.MI.266.5D	.01	Ø 2.66	-	3.00	13.50	-	38.00
TD.MI.267.5D	.01	Ø 2.67	-	3.00	13.50	-	38.00
TD.MI.268.5D	.01	Ø 2.68	-	3.00	13.50	-	38.00
TD.MI.269.5D	.01	Ø 2.69	-	3.00	13.50	-	38.00
TD.MI.270.5D	.01	Ø 2.70	-	3.00	13.50	-	38.00
TD.MI.271.5D	.01	Ø 2.71	-	3.00	14.00	-	38.00
TD.MI.272.5D	.01	Ø 2.72	-	3.00	14.00	-	38.00
TD.MI.273.5D	.01	Ø 2.73	-	3.00	14.00	-	38.00

Article number	α-INOX	D1 (mm)	D2 (mm)	D3 h5 (mm)	L1 (mm)	L2 (mm)	GL (mm)
TD.MI.274.5D	.01	Ø 2.74	-	3.00	14.00	-	38.00
TD.MI.275.5D	.01	Ø 2.75	-	3.00	14.00	-	38.00
TD.MI.276.5D	.01	Ø 2.76	-	3.00	14.00	-	38.00
TD.MI.277.5D	.01	Ø 2.77	-	3.00	14.00	-	38.00
TD.MI.278.5D	.01	Ø 2.78	-	3.00	14.00	-	38.00
TD.MI.279.5D	.01	Ø 2.79	-	3.00	14.00	-	38.00
TD.MI.280.5D	.01	Ø 2.80	-	3.00	14.00	-	38.00
TD.MI.281.5D	.01	Ø 2.81	-	3.00	14.50	-	38.00
TD.MI.282.5D	.01	Ø 2.82	-	3.00	14.50	-	38.00
TD.MI.283.5D	.01	Ø 2.83	-	3.00	14.50	-	38.00
TD.MI.284.5D	.01	Ø 2.84	-	3.00	14.50	-	38.00
TD.MI.285.5D	.01	Ø 2.85	-	3.00	14.50	-	38.00
TD.MI.286.5D	.01	Ø 2.86	-	3.00	14.50	-	38.00
TD.MI.287.5D	.01	Ø 2.87	-	3.00	14.50	-	38.00
TD.MI.288.5D	.01	Ø 2.88	-	3.00	14.50	-	38.00
TD.MI.289.5D	.01	Ø 2.89	-	3.00	14.50	-	38.00
TD.MI.290.5D	.01	Ø 2.90	-	3.00	14.50	-	38.00
TD.MI.291.5D	.01	Ø 2.91	-	3.00	15.00	-	38.00
TD.MI.292.5D	.01	Ø 2.92	-	3.00	15.00	-	38.00
TD.MI.293.5D	.01	Ø 2.93	-	3.00	15.00	-	38.00
TD.MI.294.5D	.01	Ø 2.94	-	3.00	15.00	-	38.00
TD.MI.295.5D	.01	Ø 2.95	-	3.00	15.00	-	38.00
TD.MI.296.5D	.01	Ø 2.96	-	3.00	15.00	-	38.00
TD.MI.297.5D	.01	Ø 2.97	-	3.00	15.00	-	38.00
TD.MI.298.5D	.01	Ø 2.98	-	3.00	15.00	-	38.00
TD.MI.299.5D	.01	Ø 2.99	-	3.00	15.00	-	38.00
TD.MI.300.5D	.01	Ø 3.00	-	3.00	15.00	-	38.00

Available from stock

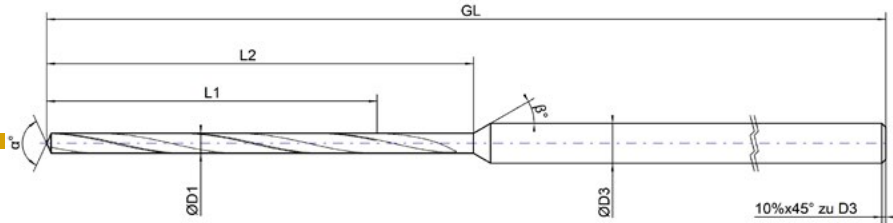
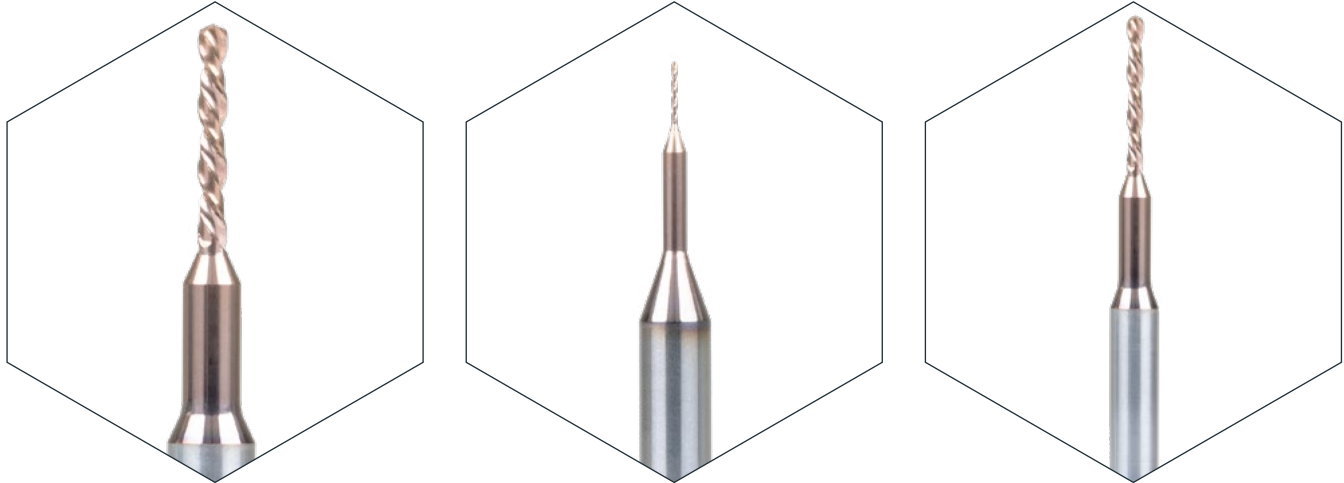


■ With or without coating



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:

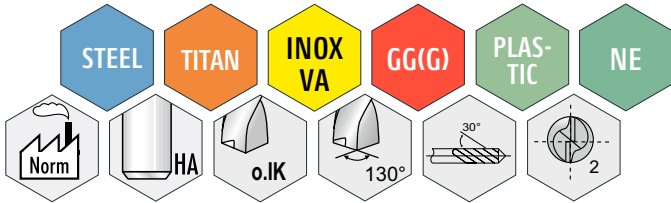
Quantity:

Date, signature & company stamp:

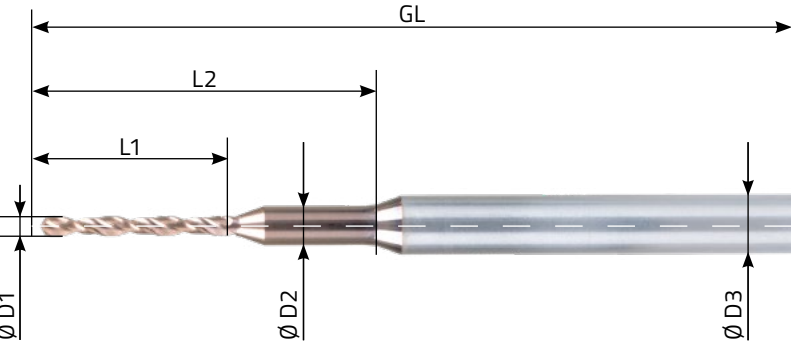
Contact person:

* 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:

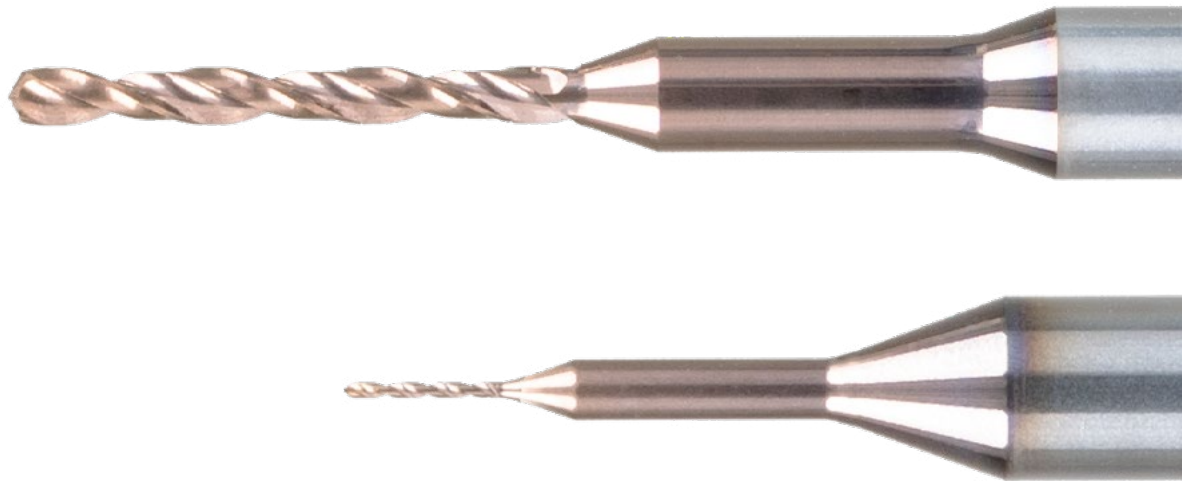
- From Ø 0.1 to Ø 2.05 in 0.01 mm increments, available from stock
- 8xD micro-INOX drill
- Reinforced shank
- Available coated and uncoated
- Excellent price-performance ratio

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

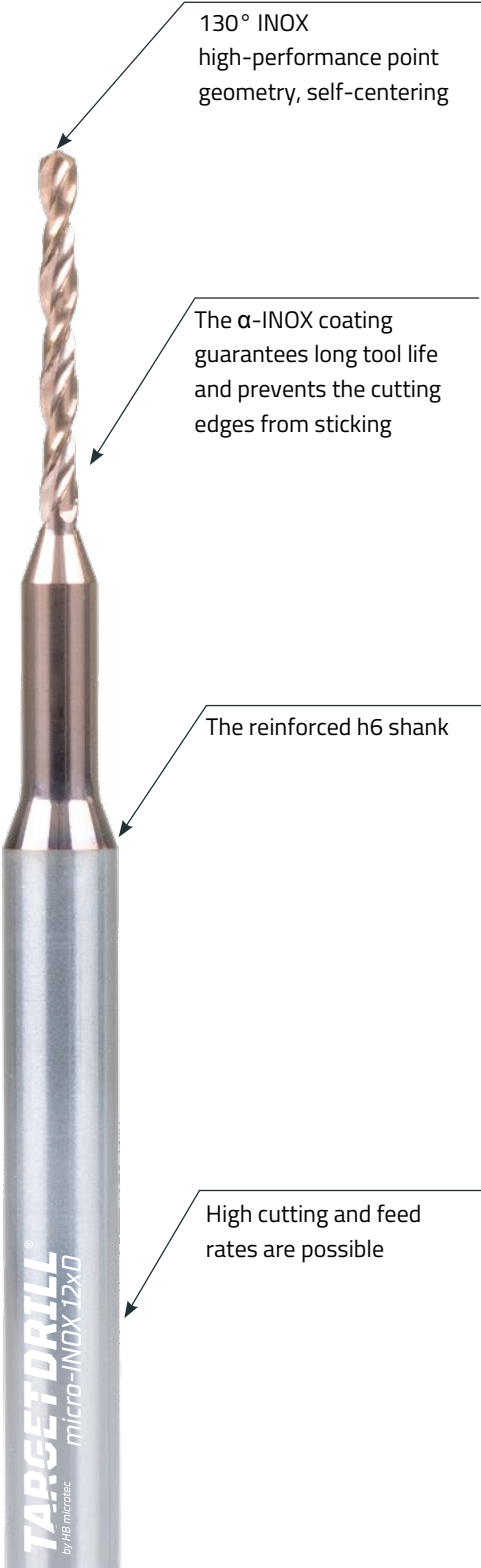
Article number	α-INOX	D1 (mm)	D2 (mm)	D3 h5 (mm)	L1 (mm)	L2 (mm)	GL (mm)
TD.MI.142.8D	.01	Ø 1.42	Ø 1.50	Ø 3.00	11.20	12.00	39.00
TD.MI.143.8D	.01	Ø 1.43	Ø 1.50	Ø 3.00	11.20	12.00	39.00
TD.MI.144.8D	.01	Ø 1.44	Ø 1.50	Ø 3.00	11.20	12.00	39.00
TD.MI.145.8D	.01	Ø 1.45	Ø 1.50	Ø 3.00	11.20	12.00	39.00
TD.MI.146.8D	.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



■ With or without coating



130° INOX
high-performance point
geometry, self-centering

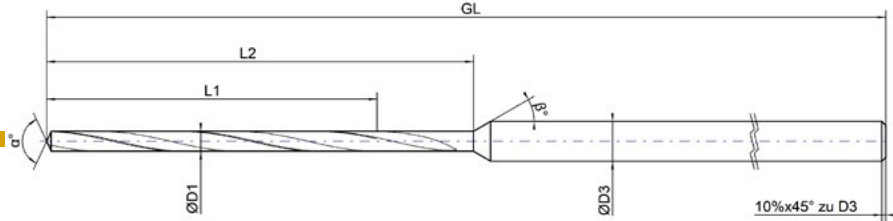
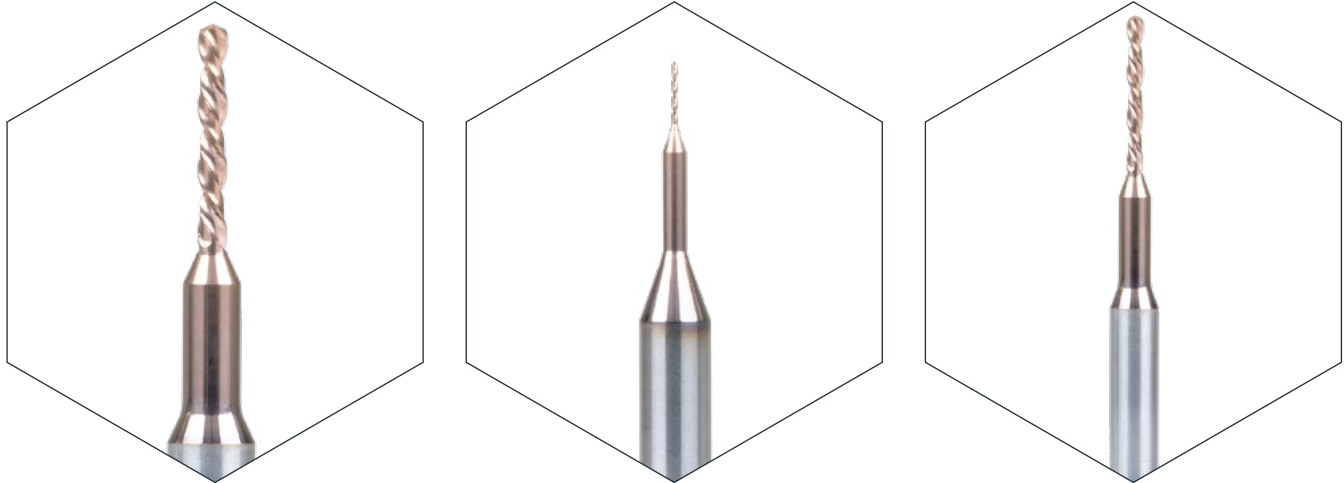
The α-INOX coating
guarantees long tool life
and prevents the cutting
edges from sticking

The reinforced h6 shank

High cutting and feed
rates are possible

from Ø 0.3
to Ø 3.00

in 0.05 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:

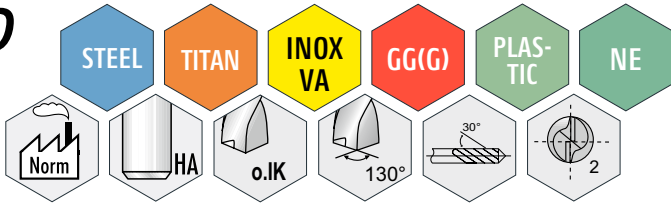
Quantity:

Date, signature & company stamp:

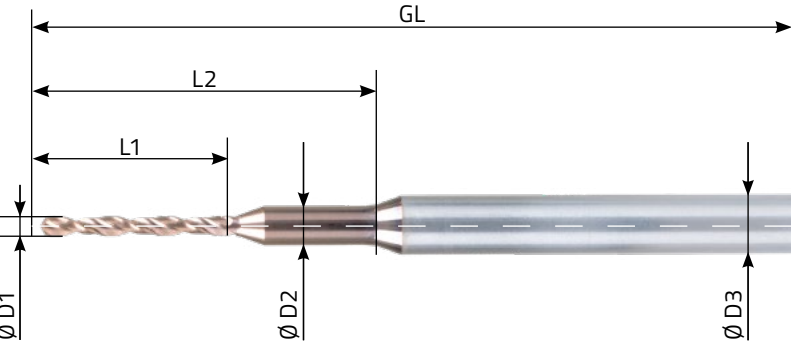
Contact person:

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

VHM micro-INOX 12xD



TARGETDRILL micro-INOX
TD.MI.030.12D(.01) ← α-INOX coating
D1: Ø 0.30 mm 12xD



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



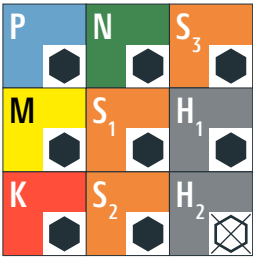
5 PRO's of the TARGETDRILL:

- From Ø 0.3 to Ø 3.00 in 0.05 mm increments, available from stock
- 12xD 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.030.12D	.01	0.30	1.00	3.00	4.00	10.00	39.00
TD.MI.035.12D	.01	0.35	1.00	3.00	4.60	10.00	39.00
TD.MI.040.12D	.01	0.40	1.00	3.00	5.30	10.00	39.00
TD.MI.045.12D	.01	0.45	1.00	3.00	5.90	10.00	39.00
TD.MI.050.12D	.01	0.50	1.00	3.00	6.60	15.00	39.00
TD.MI.055.12D	.01	0.55	1.50	3.00	7.90	15.00	39.00
TD.MI.060.12D	.01	0.60	1.50	3.00	7.90	15.00	39.00
TD.MI.065.12D	.01	0.65	1.50	3.00	9.20	15.00	39.00
TD.MI.070.12D	.01	0.70	1.50	3.00	9.20	15.00	39.00
TD.MI.075.12D	.01	0.75	1.50	3.00	10.60	18.00	39.00
TD.MI.080.12D	.01	0.80	1.50	3.00	10.60	18.00	39.00
TD.MI.085.12D	.01	0.85	1.50	3.00	11.90	18.00	39.00
TD.MI.090.12D	.01	0.90	1.50	3.00	11.90	18.00	39.00
TD.MI.095.12D	.01	0.95	1.50	3.00	13.20	18.00	39.00
TD.MI.100.12D	.01	1.00	2.00	3.00	13.20	20.00	39.00
TD.MI.105.12D	.01	1.05	2.00	3.00	14.50	20.00	39.00
TD.MI.110.12D	.01	1.10	2.00	3.00	14.50	20.00	39.00
TD.MI.115.12D	.01	1.15	2.00	3.00	15.80	20.00	39.00
TD.MI.120.12D	.01	1.20	2.00	3.00	15.80	20.00	39.00
TD.MI.125.12D	.01	1.25	2.00	3.00	17.20	22.00	39.00
TD.MI.130.12D	.01	1.30	2.00	3.00	17.20	22.00	60.00
TD.MI.135.12D	.01	1.35	2.00	3.00	18.50	22.00	60.00
TD.MI.140.12D	.01	1.40	2.00	3.00	18.50	22.00	60.00
TD.MI.145.12D	.01	1.45	2.00	3.00	19.80	22.00	60.00
TD.MI.150.12D	.01	1.50	-	3.00	19.80	-	60.00
TD.MI.155.12D	.01	1.55	-	3.00	21.10	-	60.00
TD.MI.160.12D	.01	1.60	-	3.00	21.10	-	60.00
TD.MI.165.12D	.01	1.65	-	3.00	22.40	-	60.00
TD.MI.170.12D	.01	1.70	-	3.00	22.40	-	60.00
TD.MI.175.12D	.01	1.75	-	3.00	23.80	-	60.00
TD.MI.180.12D	.01	1.80	-	3.00	23.80	-	60.00
TD.MI.185.12D	.01	1.85	-	3.00	25.40	-	60.00
TD.MI.190.12D	.01	1.90	-	3.00	25.40	-	60.00
TD.MI.195.12D	.01	1.95	-	3.00	26.40	-	60.00
TD.MI.200.12D	.01	2.00	-	3.00	26.40	-	60.00
TD.MI.205.12D	.01	2.05	-	3.00	27.10	-	60.00
TD.MI.210.12D	.01	2.10	-	3.00	27.10	-	60.00
TD.MI.215.12D	.01	2.15	-	3.00	29.00	-	60.00
TD.MI.220.12D	.01	2.20	-	3.00	29.00	-	60.00
TD.MI.225.12D	.01	2.25	-	3.00	30.50	-	60.00
TD.MI.230.12D	.01	2.30	-	3.00	30.50	-	60.00
TD.MI.235.12D	.01	2.35	-	3.00	31.50	-	60.00
TD.MI.240.12D	.01	2.40	-	3.00	31.50	-	60.00
TD.MI.245.12D	.01	2.45	-	3.00	33.00	-	60.00
TD.MI.250.12D	.01	2.50	-	3.00	33.00	-	60.00
TD.MI.255.12D	.01	2.55	-	3.00	34.00	-	60.00
TD.MI.260.12D	.01	2.60	-	3.00	34.00	-	60.00
TD.MI.265.12D	.01	2.65	-	3.00	35.00	-	60.00
TD.MI.270.12D	.01	2.70	-	3.00	35.00	-	60.00
TD.MI.275.12D	.01	2.75	-	3.00	37.00	-	60.00
TD.MI.280.12D	.01	2.80	-	3.00	37.00	-	60.00
TD.MI.285.12D	.01	2.85	-	3.00	38.00	-	60.00
TD.MI.290.12D	.01	2.90	-	3.00	38.00	-	60.00
TD.MI.295.12D	.01	2.95	-	3.00	39.00	-	60.00
TD.MI.300.12D	.01	3.00	-	3.00	39.00	-	60.00

Available from stock

TARGETDRILL[®]
by HB microtec
micro-INOX 3xD
micro-INOX 5xD
micro-INOX 8xD
micro-INOX 12xD



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 - 3.00 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



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