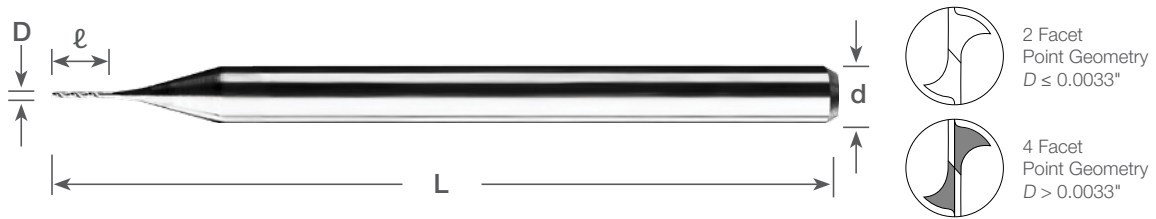


# 1/8" SHANK

ULTRA PRECISION MICRO DRILLS  
MACOR® / VESPEL® DRILLING

0.0015" - 0.0040" DIAMETER

Mirror Surface Finishes  
Sub Micron Grain Carbide



Symbol Descriptions [Page 7](#)

## STANDARD Flute Length

Drill Size	Dimensions (in)				Point Angle	Uncoated	
	D <sup>+0.00000</sup> <sub>-0.00050</sub>	d	ℓ	L		Part Number	Stock
0.05mm	0.0015	1/8	0.0200	1 1/2	90°	390-0015.020	●
	0.0018	1/8	0.0250	1 1/2	90°	390-0018.025	●
	0.0020	1/8	0.0300	1 1/2	90°	390-0020.030	●
	0.0021	1/8	0.0300	1 1/2	90°	390-0021.030	●
	0.0022	1/8	0.0300	1 1/2	90°	390-0022.030	●
0.06mm	0.0023	1/8	0.0300	1 1/2	90°	390-0023.030	●
	0.0024	1/8	0.0300	1 1/2	90°	390-0024.030	●
	0.0025	1/8	0.0400	1 1/2	90°	390-0025.040	●
	0.0026	1/8	0.0400	1 1/2	90°	390-0026.040	●
	0.0027	1/8	0.0500	1 1/2	90°	390-0027.050	●
0.07mm	0.0028	1/8	0.0500	1 1/2	90°	390-0028.050	●
	0.0029	1/8	0.0500	1 1/2	90°	390-0029.050	●
	0.0030	1/8	0.0500	1 1/2	90°	390-0030.050	●
.08mm	0.0031	1/8	0.0500	1 1/2	90°	390-0031.050	●
	0.0032	1/8	0.0500	1 1/2	90°	390-0032.050	●
	0.0033	1/8	0.0500	1 1/2	90°	390-0033.050	●
	0.0034	1/8	0.0500	1 1/2	90°	390-0034.050	●
0.09mm	0.0035	1/8	0.0500	1 1/2	90°	390-0035.050	●
	0.0036	1/8	0.0500	1 1/2	90°	390-0036.050	●
	0.0037	1/8	0.0500	1 1/2	90°	390-0037.050	●
	0.0038	1/8	0.0500	1 1/2	90°	390-0038.050	●
0.10mm	0.0039	1/8	0.0500	1 1/2	90°	390-0039.050	●
	0.0040	1/8	0.0150	1 1/2	90°	390-0040.015	●
0.10mm	0.0040	1/8	0.0250	1 1/2	90°	390-0040.025	●
0.10mm	0.0040	1/8	0.0500	1 1/2	90°	390-0040.050	●
0.10mm	0.0040	1/8	0.0600	1 1/2	130°	390-0040.060	●

SERIES 390 WORKPIECE MATERIAL															
Coating	P	P	H	H	M	K	N	N	N	N	N	N	S	S	
	Steel ~30HRC	Steel 30~40HRC	Hardened Steel ~55HRC	Hardened Steel ~68HRC	Stainless Steel	Cast Iron	Aluminum	Graphite	Copper Alloy	CFRP	Plastic	Thermoset Plastic	High Density Plastic	Nickel / Cobalt	Titanium Alloy
Uncoated							☆	☆	★	☆	★	★	★		☆

★ : Priority ☆ : Applicable Materials

Symbol Descriptions [Page 7](#)

● : U.S. Stock Standard  
■ : NOT STOCKED - Call for Delivery

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