

1.00mm SHANK

ULTRA PRECISION MICRO DRILLS
FUEL INJECTOR / NOZZLE DRILLS

0.12mm - 0.60mm DIAMETER

Mirror Surface Finishes
Sub Micron Grain Carbide



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STANDARD Flute Length

Dimensions (mm)				Uncoated		AlTiN Coating	
$D^{+0.000mm/-0.008mm}$	d^{h6}	l	L	Part Number	Stock	Part Number	Stock
0.12	1	1.45	25	392-0046.057	●	-	-
0.14	1	1.45	25	392-0054.057	●	-	-
0.16	1	1.45	25	392-0063.057	●	-	-
0.18	1	1.45	25	392-0071.057	●	-	-
0.20	1	1.45	25	392-0079.057	●	-	-
0.25	1	1.75	25	392-0098.069	●	392-0098L069	●
0.27	1	1.75	25	392-0106.069	●	392-0106L069	●
0.29	1	3.65	25	392-0114.144	●	392-0114L144	●
0.30	1	3.65	25	392-0118.144	●	392-0118L144	●
0.31	1	3.65	25	392-0122.144	●	392-0122L144	●
0.32	1	3.65	25	392-0126.144	●	392-0126L144	●
0.34	1	3.65	25	392-0134.144	●	392-0134L144	●
0.36	1	3.65	25	392-0142.144	●	392-0142L144	●
0.38	1	3.65	25	392-0150.144	●	392-0150L144	●
0.40	1	3.65	25	392-0157.144	●	392-0157L144	●
0.42	1	3.65	25	392-0165.144	●	392-0165L144	●
0.44	1	3.65	25	392-0173.144	●	392-0173L144	●
0.46	1	3.65	25	392-0181.144	●	392-0181L144	●
0.48	1	3.65	25	392-0189.144	●	392-0189L144	●
0.50	1	3.65	25	392-0197.144	●	392-0197L144	●
0.52	1	3.65	25	392-0205.144	●	392-0205L144	●
0.54	1	3.65	25	392-0213.144	●	392-0213L144	●
0.56	1	3.65	25	392-0220.144	●	392-0220L144	●
0.58	1	3.65	25	392-0228.144	●	392-0228L144	●
0.60	1	3.65	25	392-0236.144	●	392-0236L144	●

SERIES 392 WORKPIECE MATERIAL															
Coating	P Steel ~30HRC	P Steel 30-40HRC	H Hardened Steel ~55HRC	H Hardened Steel ~68HRC	M Stainless Steel	K Cast Iron	N Aluminum	N Graphite	N Copper Alloy	N CFRP	N Plastic	N Thermoset Plastic	N High Density Plastic	S Nickel / Cobalt	S Titanium Alloy
AlTiN	★	★	★	★	★	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆
Uncoated							☆	☆	★	☆	★	★	★		☆

★ : Priority ☆ : Applicable Materials

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