

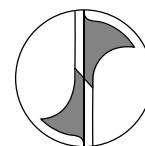
1/8" SHANK

0.0040" - 0.0200" DIAMETER

Mirror Surface Finishes

Sub Micron Grain Carbide

MICRO DRILLS



4 Facet Point Geometry



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STANDARD Flute Length

Drill Size	Dimensions (in)				Point Angle	Uncoated		AlTiN Coating	
	D ^{+0.0000} _{-0.0003}	d	ℓ	L		Part Number	Stock	Part Number	Stock
.10mm	0.0040	1/8	0.0400	1 1/2	118°	105-0040.040	●	105-0040L040	●
.13mm	0.0050	1/8	0.0400	1 1/2	118°	105-0050.040	●	105-0050L040	●
#97	0.0059	1/8	0.0800	1 1/2	118°	105-0059.080	●	105-0059L080	●
#96	0.0063	1/8	0.0800	1 1/2	118°	105-0063.080	●	105-0063L080	●
#95	0.0067	1/8	0.0800	1 1/2	118°	105-0067.080	●	105-0067L080	●
#94	0.0071	1/8	0.1000	1 1/2	118°	105-0071.100	●	105-0071L100	●
#93	0.0075	1/8	0.1000	1 1/2	118°	105-0075.100	●	105-0075L100	●
#92	0.0079	1/8	0.1000	1 1/2	118°	105-0079.100	●	105-0079L100	●
#91	0.0083	1/8	0.1000	1 1/2	118°	105-0083.100	●	105-0083L100	●
#90	0.0087	1/8	0.1000	1 1/2	118°	105-0087.100	●	105-0087L100	●
#89	0.0091	1/8	0.1500	1 1/2	118°	105-0091.150	●	105-0091L150	●
#88	0.0095	1/8	0.1500	1 1/2	118°	105-0095.150	●	105-0095L150	●
.25mm	0.0098	1/8	0.1500	1 1/2	118°	105-0098.150	●	105-0098L150	●
#87	0.0100	1/8	0.1500	1 1/2	118°	105-0100.150	●	105-0100L150	●
#86	0.0105	1/8	0.1500	1 1/2	118°	105-0105.150	●	105-0105L150	●
#85	0.0110	1/8	0.1500	1 1/2	118°	105-0110.150	●	105-0110L150	●
#84	0.0115	1/8	0.1500	1 1/2	118°	105-0115.150	●	105-0115L150	●
.30mm	0.0118	1/8	0.2250	1 1/2	118°	105-0118.225	●	105-0118L225	●
#83	0.0120	1/8	0.2250	1 1/2	118°	105-0120.225	●	105-0120L225	●
#82	0.0125	1/8	0.2250	1 1/2	118°	105-0125.225	●	105-0125L225	●
#81	0.0130	1/8	0.2250	1 1/2	118°	105-0130.225	●	105-0130L225	●
#80	0.0135	1/8	0.2250	1 1/2	130°	105-0135.225	●	105-0135L225	●
.35mm	0.0138	1/8	0.2250	1 1/2	130°	105-0138.225	●	105-0138L225	●
#79	0.0145	1/8	0.2250	1 1/2	130°	105-0145.225	●	105-0145L225	●
1/64"	0.0156	1/8	0.2500	1 1/2	130°	105-0156.250	●	105-0156L250	●
.40mm	0.0157	1/8	0.2500	1 1/2	130°	105-0157.250	●	105-0157L250	●
#78	0.0160	1/8	0.2500	1 1/2	130°	105-0160.250	●	105-0160L250	●
.45mm	0.0177	1/8	0.2500	1 1/2	130°	105-0177.250	●	105-0177L250	●
#77	0.0180	1/8	0.2500	1 1/2	130°	105-0180.250	●	105-0180L250	●
.50mm	0.0197	1/8	0.2600	1 1/2	130°	105-0197.260	●	105-0197L260	●
#76	0.0200	1/8	0.2600	1 1/2	130°	105-0200.260	●	105-0200L260	●

SERIES 105 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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