

How to Read This Catalog

Use the guide below to better understand how to read the contents of each page. Pages will vary throughout but will remain close to this guide overall.

Tooling Category
Dimensions Diagram
Tool Series

MICRO DRILLS
SERIES 105

1/8" SHANK
MICRO DRILLS

0.0040" - 0.0200" DIAMETER
Mirror Surface Finishes
Single Edge Construction
Sub Micron Grain Carbide

STANDARD Flute Length

MICRO GRAIN
118°
130°
R
2

Drill Size	Dimensions (in)					Uncoated		A1TN Coated	
	D ¹	d	ℓ	L	Point Angle	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	●
#87	0.0099	1/8	0.1500	1 1/2	118°	105-0099.150	●	105-0099L150	●
#86	0.0103	1/8	0.1500	1 1/2	118°	105-0103.150	●	105-0103L150	●
#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	118°	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

A1TN	P	P	H	H	M	K	N	N	N	N	N	N	N	N	S	S
	Aluminum	Graphite	Carbon Steel	CFRP	Plastic	Plastic	Aluminum	Graphite	Carbon Steel	CFRP	Plastic	Plastic	Plastic	Plastic	Aluminum	Graphite
Uncoated	N	N	N	N	N	N	N	N	N	N	N	N	N	N	S	S
	Aluminum	Graphite	Carbon Steel	CFRP	Plastic	Plastic	Aluminum	Graphite	Carbon Steel	CFRP	Plastic	Plastic	Plastic	Plastic	Aluminum	Graphite

Tool Description

Stub, Standard, or Extended Reach

Section Navigation Tabs

Dimensions Diagram

Attribute Icons
See Page 7 for Glossary

Tooling Category

Dimensions Diagram

Tool Series

Cutting Diameter Range & Attributes

Dimensions

Available Stock Status

Applicable Workpiece Materials & Priority

20 **KYOCERA** 1.888.848.8449 Pricing & Availability at KyoceraPrecisionTools.com U.S. Stock Standard: ● NOT STOCKED - Call for Delivery: ■ Coming Soon: ▲