

4.00mm SHANK

6 FLUTE MICRO REAMERS

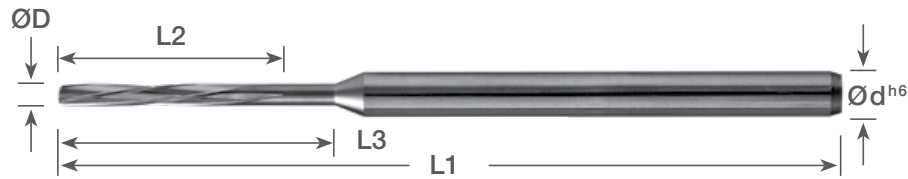
2.41mm - 2.72mm DIAMETER

Mirror Surface Finishes

Sub Micron Grain Carbide

Left Hand Spiral, Right Hand Cutting

For Reaming Through Holes



STANDARD Length (Metric Sizes)

Uncoated		Dimensions (mm)				
Part Number	Stock	ØD ^{+0.003mm -0.000mm}	Ød ^{h6}	L1	L2	L3
MR46-0949.563	●	2.41	4.00	75.00	14.00	51.00
MR46-0953.563	●	2.42	4.00	75.00	14.00	51.00
MR46-0957.563	●	2.43	4.00	75.00	14.00	51.00
MR46-0960.563	●	2.44	4.00	75.00	14.00	51.00
MR46-0965.563	●	2.45	4.00	75.00	14.00	51.00
MR46-0968.563	●	2.46	4.00	75.00	14.00	51.00
MR46-0972.563	●	2.47	4.00	75.00	14.00	51.00
MR46-0976.563	●	2.48	4.00	75.00	14.00	51.00
MR46-0980.563	●	2.49	4.00	75.00	14.00	51.00
MR46-0984.563	●	2.50	4.00	75.00	14.00	51.00
MR46-0988.563	●	2.51	4.00	75.00	14.00	51.00
MR46-0992.563	●	2.52	4.00	75.00	14.00	51.00
MR46-0996.563	●	2.53	4.00	75.00	14.00	51.00
MR46-1000.563	●	2.54	4.00	75.00	14.00	51.00
MR46-1004.563	●	2.55	4.00	75.00	14.00	51.00
MR46-1008.563	●	2.56	4.00	75.00	14.00	51.00
MR46-1012.563	●	2.57	4.00	75.00	14.00	51.00
MR46-1015.563	●	2.58	4.00	75.00	14.00	51.00
MR46-1019.563	●	2.59	4.00	75.00	14.00	51.00
MR46-1024.563	●	2.60	4.00	75.00	14.00	51.00
MR46-1028.563	●	2.61	4.00	75.00	14.00	51.00
MR46-1031.563	●	2.62	4.00	75.00	14.00	51.00
MR46-1035.563	●	2.63	4.00	75.00	14.00	51.00
MR46-1039.563	●	2.64	4.00	75.00	14.00	51.00
MR46-1043.563	●	2.65	4.00	75.00	14.00	51.00
MR46-1047.563	●	2.66	4.00	75.00	14.00	51.00
MR46-1051.563	●	2.67	4.00	75.00	14.00	51.00
MR46-1055.563	●	2.68	4.00	75.00	14.00	51.00
MR46-1059.563	●	2.69	4.00	75.00	14.00	51.00
MR46-1063.563	●	2.70	4.00	75.00	14.00	51.00
MR46-1067.563	●	2.71	4.00	75.00	14.00	51.00
MR46-1071.563	●	2.72	4.00	75.00	14.00	51.00

SERIES MR46 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	Brass	CFRP	Plastic	Thermoset Plastic	High Density Plastic	Nickel / Cobalt	Titanium Alloy
Uncoated	★	★	★	★	★	☆	☆	☆	☆	☆	☆	☆	☆	☆	★	★

★ : Priority ☆ : Applicable Materials Recommended Cutting Conditions Page L232-L233 Symbol Descriptions Page L3

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

INSERT GRADES **A**

TURNING INSERTS **B**

GEN/PCD INSERTS **C**

TURNING HOLDERS **D**

SMALL TOOLS **E**

BORING **F**

GROOVING **G**

CUT-OFF **H**

THREADING **J**

DRILLING **K**

SOLID TOOLS **L**

MILLING **M**

HSK TOOLING **N**

SPARE PARTS **P**

TECHNICAL **R**

INDEX **T**

4.00mm SHANK

6 FLUTE MICRO REAMERS

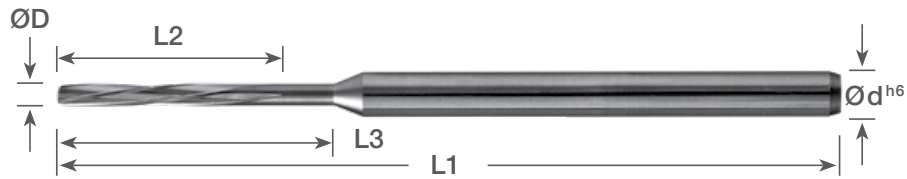
2.73mm - 3.10mm DIAMETER

Mirror Surface Finishes

Sub Micron Grain Carbide

Left Hand Spiral, Right Hand Cutting

For Reaming Through Holes



STANDARD Length (Metric Sizes)

Uncoated		Dimensions (mm)				
Part Number	Stock	ØD ^{+0.003mm} _{-0.000mm}	Ød ^{h6}	L1	L2	L3
MR46-1075.563	●	2.73	4.00	75.00	14.00	51.00
MR46-1078.563	●	2.74	4.00	75.00	14.00	51.00
MR46-1083.563	●	2.75	4.00	75.00	14.00	51.00
MR46-1087.563	●	2.76	4.00	75.00	14.00	51.00
MR46-1090.563	●	2.77	4.00	75.00	14.00	51.00
MR46-1094.563	●	2.78	4.00	75.00	14.00	51.00
MR46-1098.563	●	2.79	4.00	75.00	14.00	51.00
MR46-1102.563	●	2.80	4.00	75.00	14.00	51.00
MR46-1106.563	●	2.81	4.00	75.00	14.00	51.00
MR46-1110.563	●	2.82	4.00	75.00	14.00	51.00
MR46-1114.563	●	2.83	4.00	75.00	14.00	51.00
MR46-1118.563	●	2.84	4.00	75.00	14.00	51.00
MR46-1122.563	●	2.85	4.00	75.00	14.00	51.00
MR46-1130.563	●	2.87	4.00	75.00	14.00	51.00
MR46-1134.563	●	2.88	4.00	75.00	14.00	51.00
MR46-1138.563	●	2.89	4.00	75.00	14.00	51.00
MR46-1141.563	●	2.90	4.00	75.00	14.00	51.00
MR46-1146.563	●	2.91	4.00	75.00	14.00	51.00
MR46-1149.563	●	2.92	4.00	75.00	14.00	51.00
MR46-1154.563	●	2.93	4.00	75.00	14.00	51.00
MR46-1157.563	●	2.94	4.00	75.00	14.00	51.00
MR46-1161.625	●	2.95	4.00	75.00	16.00	51.00
MR46-1164.625	●	2.96	4.00	75.00	16.00	51.00
MR46-1169.625	●	2.97	4.00	75.00	16.00	51.00
MR46-1173.625	●	2.98	4.00	75.00	16.00	51.00
MR46-1177.625	●	2.99	4.00	75.00	16.00	51.00
MR46-1181.625	●	3.00	4.00	75.00	16.00	51.00
MR46-1185.625	●	3.01	4.00	75.00	16.00	51.00
MR46-1189.625	●	3.02	4.00	75.00	16.00	51.00
MR46-1193.625	●	3.03	4.00	75.00	16.00	51.00
MR46-1200.625	●	3.05	4.00	75.00	16.00	51.00
MR46-1220.625	●	3.10	4.00	75.00	16.00	51.00

- SOLID TOOLS
- DRILLS
- END MILLS
- ROUTERS
- THREAD MILLS & TAPS
- ENGRAVERS
- BORING BARS
- REAMERS
- TECHNICAL

SERIES MR46 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	Brass	CFRP	Plastic	Thermoset Plastic	High Density Plastic	Nickel / Cobalt	Titanium Alloy
Uncoated	★	★	★	★	★	☆	☆	☆	☆	☆	☆	☆	☆	☆	★	★

★ : Priority ☆ : Applicable Materials Recommended Cutting Conditions Page L232-L233 Symbol Descriptions Page L3

4.00mm SHANK

6 FLUTE MICRO REAMERS

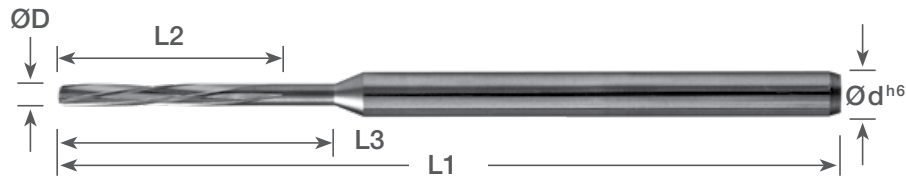
3.20mm - 3.90mm DIAMETER

Mirror Surface Finishes

Sub Micron Grain Carbide

Left Hand Spiral, Right Hand Cutting

For Reaming Through Holes



STANDARD Length (Metric Sizes)

Uncoated		AITIN Coating		Dimensions (mm)				
Part Number	Stock	Part Number	Stock	$\text{ØD}^{+0.003\text{mm}/-0.000\text{mm}}$	Ød^{h6}	L1	L2	L3
MR46-1260.669	●	MR46-1260L669	●	3.20	4.00	64.00	17.00	36.00
MR46-1299.669	●	MR46-1299L669	●	3.30	4.00	64.00	17.00	36.00
MR46-1339.669	●	MR46-1339L669	●	3.40	4.00	64.00	17.00	36.00
MR46-1378.669	●	MR46-1378L669	●	3.50	4.00	64.00	17.00	36.00
MR46-1417.669	●	MR46-1417L669	●	3.60	4.00	64.00	17.00	36.00
MR46-1457.669	●	MR46-1457L669	●	3.70	4.00	64.00	17.00	36.00
MR46-1496.669	●	MR46-1496L669	●	3.80	4.00	64.00	17.00	36.00
MR46-1535.669	●	MR46-1535L669	●	3.90	4.00	64.00	17.00	36.00

SERIES MR46 WORKPIECE MATERIAL																
Coating	P	P	H	H	M	K	N	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	Brass	CFRP	Plastic	Thermoset Plastic	High Density Plastic	Nickel / Cobalt	Titanium Alloy
AITIN	★	★	★	★	★	☆									★	★
Uncoated	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆

★ : Priority ☆ : Applicable Materials

Recommended Cutting Conditions Page L232-L233

Symbol Descriptions Page L3

- : U.S. Stock Standard
- : NOT STOCKED - Call for Delivery
- ▲ : Coming Soon

(U.S.) 1.888.848.8449
 (International) 001.714.428.3636
 Visit us online at KyoceraPrecisionTools.com

- INSERT GRADES **A**
- TURNING INSERTS **B**
- GEN/PCD INSERTS **C**
- TURNING HOLDERS **D**
- SMALL TOOLS **E**
- BORING **F**
- GROOVING **G**
- CUT-OFF **H**
- THREADING **J**
- DRILLING **K**
- SOLID TOOLS **L**
- MILLING **M**
- HSK TOOLING **N**
- SPARE PARTS **P**
- TECHNICAL **R**
- INDEX **T**