

STANDARD LENGTH

INTERNAL DIAMETER PROFILE BORING

0.0150" - 0.2400" DIAMETER

Mirror Surface Finishes
Sub Micron Grain Carbide



STANDARD LENGTH (Inch Sizes)

Uncoated		AlTiN Coating		Dimensions (in)			
Part Number	Stock	Part Number	Stock	ØD ^{+0.0000} _{-0.0025}	Ød	L1	L2
MBS-0150.030	●	MBS-0150L030	●	0.0150	1/8	1 1/2	0.030
MBS-0200.030	●	MBS-0200L030	●	0.0200	1/8	1 1/2	0.030
MBS-0250.050	●	MBS-0250L050	●	0.0250	1/8	1 1/2	0.050
MBS-0300.050	●	MBS-0300L050	●	0.0300	1/8	1 1/2	0.050
MBS-0350.050	●	MBS-0350L050	●	0.0350	1/8	1 1/2	0.050
MBS-0400.050	●	MBS-0400L050	●	0.0400	1/8	1 1/2	0.050
MBS-0450.100	●	MBS-0450L100	●	0.0450	1/8	1 1/2	0.100
MBS-0500.100	●	MBS-0500L100	●	0.0500	1/8	1 1/2	0.100
MBS-0550.100	●	MBS-0550L100	●	0.0550	1/8	1 1/2	0.100
MBS-0600.100	●	MBS-0600L100	●	0.0600	1/8	1 1/2	0.100
MBS-0800.250	●	MBS-0800L250	●	0.0800	1/8	1 1/2	0.250
MBS-1000.375	●	MBS-1000L375	●	0.1000	1/8	1 1/2	0.375
MBS-1100.500	●	MBS-1100L500	●	0.1100	1/8	1 1/2	0.500
MBS-1200.600	●	MBS-1200L600	●	0.1200	3/16	2	0.600
MBS-1400.700	●	MBS-1400L700	●	0.1400	3/16	2	0.700
MBS-1600.800	●	MBS-1600L800	●	0.1600	3/16	2 1/2	0.800
MBS-1800.900	●	MBS-1800L900	●	0.1800	1/4	2 1/2	0.900
MBS-2000.1000	●	MBS-2000L1000	●	0.2000	1/4	3	1.000
MBS-2200.1250	●	MBS-2200L1250	●	0.2200	1/4	3	1.250
MBS-2400.1500	●	MBS-2400L1500	●	0.2400	1/4	3	1.500

SERIES MBS 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
AlTiN	★	★	★	☆	☆	☆			☆						☆	☆
Uncoated	★	★	★	☆	☆		☆		☆	☆				☆		

★ : Priority ☆ : Applicable Materials

Symbol Descriptions Page L3

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

(U.S.) 1.888.848.8449
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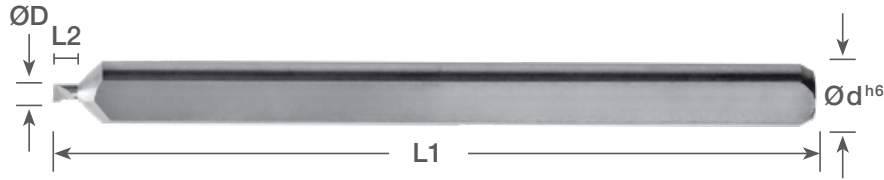
- INSERT GRADES **A**
- TURNING INSERTS **B**
- GEN/PCD INSERTS **C**
- TURNING HOLDERS **D**
- SMALL TOOLS **E**
- BORING **F**
- GROOVING **G**
- CUT-OFF **H**
- THREADING **J**
- DRILLING **K**
- SOLID TOOLS **L**
- MILLING **M**
- HSK TOOLING **N**
- SPARE PARTS **P**
- TECHNICAL **R**
- INDEX **T**

STANDARD LENGTH

INTERNAL DIAMETER PROFILE BORING

0.40mm - 6.00mm DIAMETER

Mirror Surface Finishes
Sub Micron Grain Carbide



STANDARD LENGTH (Metric Sizes)

Uncoated		AlTiN Coating		Dimensions (mm)			
Part Number	Stock	Part Number	Stock	Ø ^{+0.00mm} _{-0.06mm}	Ød ^{h6}	L1	L2
MBS-0157.039	●	MBS-0157L039	●	0.40	3.00	38.00	1.00
MBS-0197.039	●	MBS-0197L039	●	0.50	3.00	38.00	1.00
MBS-0236.051	●	MBS-0236L051	●	0.60	3.00	38.00	1.30
MBS-0276.051	●	MBS-0276L051	●	0.70	3.00	38.00	1.30
MBS-0315.051	●	MBS-0315L051	●	0.80	3.00	38.00	1.30
MBS-0354.051	●	MBS-0354L051	●	0.90	3.00	38.00	1.30
MBS-0394.098	●	MBS-0394L098	●	1.00	3.00	38.00	2.50
MBS-0433.098	●	MBS-0433L098	●	1.10	3.00	38.00	2.50
MBS-0472.098	●	MBS-0472L098	●	1.20	3.00	38.00	2.50
MBS-0512.098	●	MBS-0512L098	●	1.30	3.00	38.00	2.50
MBS-0591.236	●	MBS-0591L236	●	1.50	3.00	38.00	6.00
MBS-0669.276	●	MBS-0669L276	●	1.70	3.00	38.00	7.00
MBS-0787.315	●	MBS-0787L315	●	2.00	3.00	38.00	8.00
MBS-1181.591	●	MBS-1181L591	●	3.00	5.00	50.00	15.00
MBS-1378.787	●	MBS-1378L787	●	3.50	5.00	50.00	20.00
MBS-1575.866	●	MBS-1575L866	●	4.00	5.00	50.00	22.00
MBS-1772.906	●	MBS-1772L906	●	4.50	8.00	65.00	23.00
MBS-1969.984	●	MBS-1969L984	●	5.00	8.00	65.00	25.00
MBS-2165.1063	●	MBS-2165L1063	●	5.50	8.00	65.00	27.00
MBS-2362.1142	●	MBS-2362L1142	●	6.00	8.00	65.00	29.00

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

SERIES MBS 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 Brass	N CFRP	N Plastic	N Thermoset Plastic	N High Density Plastic	S Nickel / Cobalt	S Titanium Alloy
AlTiN	★	★	★	☆	☆	☆			☆						☆	☆
Uncoated	★	★	★	☆	☆		☆		☆	☆				☆		

★ : Priority ☆ : Applicable Materials

Symbol Descriptions [Page L3](#)