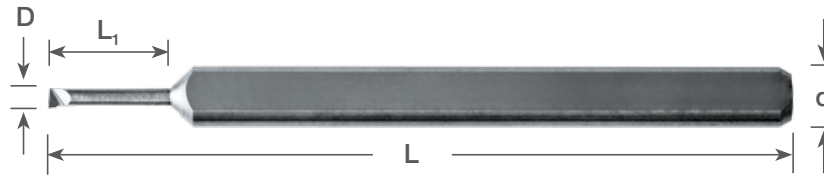


EXTENDED REACH

INTERNAL DIAMETER PROFILE BORING

0.0150" - 0.2400" DIAMETER

Mirror Surface Finishes
Sub Micron Grain Carbide



EXTENDED REACH (Inch Sizes)

Symbol Descriptions [Page 7](#)

| D ^{+0.0000} _{-0.0025} | Dimensions (in) | | | Uncoated | | AlTiN Coating | |
|---|-----------------|----------------|-------|---------------|-------|---------------|-------|
| | d | L ₁ | L | Part Number | Stock | Part Number | Stock |
| 0.0150 | 1/8 | 0.075 | 1 1/2 | MBE-0150.075 | ● | MBE-0150L075 | ● |
| 0.0200 | 1/8 | 0.075 | 1 1/2 | MBE-0200.075 | ● | MBE-0200L075 | ● |
| 0.0250 | 1/8 | 0.125 | 1 1/2 | MBE-0250.125 | ● | MBE-0250L125 | ● |
| 0.0300 | 1/8 | 0.125 | 1 1/2 | MBE-0300.125 | ● | MBE-0300L125 | ● |
| 0.0350 | 1/8 | 0.125 | 1 1/2 | MBE-0350.125 | ● | MBE-0350L125 | ● |
| 0.0400 | 1/8 | 0.125 | 1 1/2 | MBE-0400.125 | ● | MBE-0400L125 | ● |
| 0.0450 | 1/8 | 0.250 | 1 1/2 | MBE-0450.250 | ● | MBE-0450L250 | ● |
| 0.0500 | 1/8 | 0.250 | 1 1/2 | MBE-0500.250 | ● | MBE-0500L250 | ● |
| 0.0550 | 1/8 | 0.250 | 1 1/2 | MBE-0550.250 | ● | MBE-0550L250 | ● |
| 0.0600 | 1/8 | 0.250 | 1 1/2 | MBE-0600.250 | ● | MBE-0600L250 | ● |
| 0.0800 | 1/8 | 0.500 | 1 1/2 | MBE-0800.500 | ● | MBE-0800L500 | ● |
| 0.1000 | 1/8 | 0.600 | 1 1/2 | MBE-1000.600 | ● | MBE-1000L600 | ● |
| 0.1100 | 1/8 | 0.700 | 1 1/2 | MBE-1100.700 | ● | MBE-1100L700 | ● |
| 0.1200 | 3/16 | 0.850 | 2 | MBE-1200.850 | ● | MBE-1200L850 | ● |
| 0.1400 | 3/16 | 0.900 | 2 | MBE-1400.900 | ● | MBE-1400L900 | ● |
| 0.1600 | 3/16 | 1.100 | 2 1/2 | MBE-1600.1100 | ● | MBE-1600L1100 | ● |
| 0.1800 | 1/4 | 1.250 | 2 1/2 | MBE-1800.1250 | ● | MBE-1800L1250 | ● |
| 0.2000 | 1/4 | 1.400 | 3 | MBE-2000.1400 | ● | MBE-2000L1400 | ● |
| 0.2200 | 1/4 | 1.500 | 3 | MBE-2200.1500 | ● | MBE-2200L1500 | ● |
| 0.2400 | 1/4 | 1.750 | 3 | MBE-2400.1750 | ● | MBE-2400L1750 | ● |

DRILLS

END MILLS

ROUTERS

THREAD MILLS & TAPS

ENGRAVERS

BORING BARS

REAMERS

SAWS

TECHNICAL

INDEX

SERIES MBE 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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