

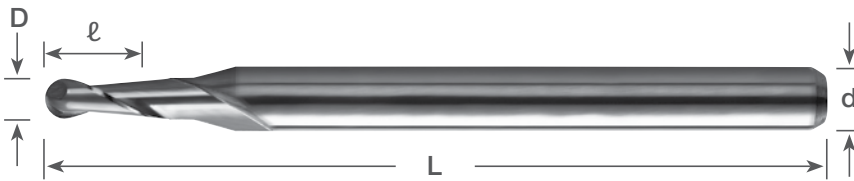
## 2 FLUTE

STANDARD LENGTH BALL NOSE END MILLS

0.0050" - 0.0312" DIAMETER

Mirror Surface Finishes

Sub Micron Grain Carbide



Symbol Descriptions [Page 7](#)

### STANDARD Length (Inch Sizes)

| Dimensions (in)                       |     |       |       | Uncoated      |       | AlTiN Coating |       | NEW DLC Coating |       |
|---------------------------------------|-----|-------|-------|---------------|-------|---------------|-------|-----------------|-------|
| D <sup>+0.000</sup> <sub>-0.001</sub> | d   | ℓ     | L     | Part Number   | Stock | Part Number   | Stock | Part Number     | Stock |
| NEW 0.0050                            | 1/8 | 0.015 | 1 1/2 | 1625-0050.015 | ●     | 1625-0050L015 | ●     | -               | -     |
| NEW 0.0060                            | 1/8 | 0.018 | 1 1/2 | 1625-0060.018 | ●     | 1625-0060L018 | ●     | -               | -     |
| NEW 0.0070                            | 1/8 | 0.021 | 1 1/2 | 1625-0070.021 | ●     | 1625-0070L021 | ●     | -               | -     |
| NEW 0.0080                            | 1/8 | 0.024 | 1 1/2 | 1625-0080.024 | ●     | 1625-0080L024 | ●     | -               | -     |
| NEW 0.0090                            | 1/8 | 0.027 | 1 1/2 | 1625-0090.027 | ●     | 1625-0090L027 | ●     | -               | -     |
| 0.0100                                | 1/8 | 0.030 | 1 1/2 | 1625-0100.030 | ●     | 1625-0100L030 | ●     | 1625-0100D030   | ■     |
| 0.0110                                | 1/8 | 0.033 | 1 1/2 | 1625-0110.033 | ●     | 1625-0110L033 | ●     | -               | -     |
| 0.0120                                | 1/8 | 0.036 | 1 1/2 | 1625-0120.036 | ●     | 1625-0120L036 | ●     | -               | -     |
| 0.0130                                | 1/8 | 0.039 | 1 1/2 | 1625-0130.039 | ●     | 1625-0130L039 | ●     | -               | -     |
| 0.0140                                | 1/8 | 0.042 | 1 1/2 | 1625-0140.042 | ●     | 1625-0140L042 | ●     | -               | -     |
| 0.0150                                | 1/8 | 0.045 | 1 1/2 | 1625-0150.045 | ●     | 1625-0150L045 | ●     | 1625-0150D045   | ■     |
| 0.0156 (1/64)                         | 1/8 | 0.047 | 1 1/2 | 1625-0156.047 | ●     | 1625-0156L047 | ●     | 1625-0156D047   | ■     |
| 0.0160                                | 1/8 | 0.048 | 1 1/2 | 1625-0160.048 | ●     | 1625-0160L048 | ●     | -               | -     |
| 0.0170                                | 1/8 | 0.051 | 1 1/2 | 1625-0170.051 | ●     | 1625-0170L051 | ●     | -               | -     |
| 0.0180                                | 1/8 | 0.054 | 1 1/2 | 1625-0180.054 | ●     | 1625-0180L054 | ●     | -               | -     |
| 0.0190                                | 1/8 | 0.057 | 1 1/2 | 1625-0190.057 | ●     | 1625-0190L057 | ●     | -               | -     |
| 0.0200                                | 1/8 | 0.060 | 1 1/2 | 1625-0200.060 | ●     | 1625-0200L060 | ●     | 1625-0200D060   | ■     |
| 0.0210                                | 1/8 | 0.063 | 1 1/2 | 1625-0210.063 | ●     | 1625-0210L063 | ●     | -               | -     |
| 0.0220                                | 1/8 | 0.066 | 1 1/2 | 1625-0220.066 | ●     | 1625-0220L066 | ●     | -               | -     |
| 0.0230                                | 1/8 | 0.069 | 1 1/2 | 1625-0230.069 | ●     | 1625-0230L069 | ●     | -               | -     |
| 0.0240                                | 1/8 | 0.072 | 1 1/2 | 1625-0240.072 | ●     | 1625-0240L072 | ●     | -               | -     |
| 0.0250                                | 1/8 | 0.075 | 1 1/2 | 1625-0250.075 | ●     | 1625-0250L075 | ●     | 1625-0250D075   | ■     |
| 0.0260                                | 1/8 | 0.078 | 1 1/2 | 1625-0260.078 | ●     | 1625-0260L078 | ●     | -               | -     |
| 0.0270                                | 1/8 | 0.081 | 1 1/2 | 1625-0270.081 | ●     | 1625-0270L081 | ●     | -               | -     |
| 0.0280                                | 1/8 | 0.084 | 1 1/2 | 1625-0280.084 | ●     | 1625-0280L084 | ●     | -               | -     |
| 0.0290                                | 1/8 | 0.087 | 1 1/2 | 1625-0290.087 | ●     | 1625-0290L087 | ●     | -               | -     |
| 0.0300                                | 1/8 | 0.090 | 1 1/2 | 1625-0300.090 | ●     | 1625-0300L090 | ●     | 1625-0300D090   | ■     |
| 0.0310                                | 1/8 | 0.093 | 1 1/2 | 1625-0310.093 | ●     | 1625-0310L093 | ●     | -               | -     |
| 0.0312 (1/32)                         | 1/8 | 0.094 | 1 1/2 | 1625-0312.094 | ●     | 1625-0312L094 | ●     | 1625-0312D094   | ■     |

| SERIES 1625 WORKPIECE MATERIAL |                      |                        |                               |                               |                      |                |               |               |                   |           |              |                        |                           |                      |                     |
|--------------------------------|----------------------|------------------------|-------------------------------|-------------------------------|----------------------|----------------|---------------|---------------|-------------------|-----------|--------------|------------------------|---------------------------|----------------------|---------------------|
| Coating                        | P<br>Steel<br>~30HRC | P<br>Steel<br>30~40HRC | H<br>Hardened Steel<br>~55HRC | H<br>Hardened Steel<br>~68HRC | M<br>Stainless Steel | K<br>Cast Iron | N<br>Aluminum | N<br>Graphite | N<br>Copper Alloy | N<br>CFRP | N<br>Plastic | N<br>Thermoset Plastic | N<br>High Density Plastic | S<br>Nickel / Cobalt | S<br>Titanium Alloy |
| AlTiN                          | ★                    | ★                      | ★                             | ☆                             | ☆                    | ☆              |               |               |                   |           |              |                        |                           | ☆                    | ☆                   |
| DLC                            |                      |                        |                               |                               |                      |                | ☆             | ★             | ☆                 | ★         | ★            | ★                      |                           |                      |                     |
| Uncoated                       |                      |                        |                               |                               |                      |                | ☆             | ☆             | ★                 | ☆         | ★            | ★                      |                           |                      | ☆                   |

★ : Priority ☆ : Applicable Materials

Symbol Descriptions [Page 7](#)

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

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