

End Mills

High Speed Steel

4 Flute – Regular Length – Ball Nose



2 Flute – Regular Length – Ball Nose



| Cutter Diameter (Inch) | Shank Diameter (Inch) | Length of Cut (Inch) | Overall Length (Inch) | Code |
|------------------------|-----------------------|----------------------|-----------------------|--------|
| 1/8 | 3/8 | 3/8 | 2-5/16 | 704162 |
| 3/16 | 3/8 | 1/2 | 2-3/8 | 704163 |
| 1/4 | 3/8 | 5/8 | 2-7/16 | 704164 |
| 5/16 | 3/8 | 3/4 | 2-1/2 | 704165 |
| 3/8 | 3/8 | 3/4 | 2-1/2 | 704166 |
| 1/2 | 1/2 | 1-1/4 | 3-1/4 | 704167 |
| 5/8 | 5/8 | 1-5/8 | 3-3/4 | 704168 |
| 3/4 | 3/4 | 1-5/8 | 3-7/8 | 704169 |
| 7/8 | 7/8 | 1-7/8 | 4-1/2 | 704170 |
| 1 | 1 | 2 | 4-1/2 | 704171 |
| 1-1/4 | 1-1/4 | 2 | 4-1/2 | 704172 |
| 1-1/2 | 1-1/4 | 2 | 4-1/2 | 704173 |

| Cutter Diameter (Inch) | Shank Diameter (Inch) | Length of Cut (Inch) | Overall Length (Inch) | Code |
|------------------------|-----------------------|----------------------|-----------------------|--------|
| 1/8 | 3/8 | 1/2 | 2-3/8 | 704148 |
| 3/16 | 3/8 | 1/2 | 2-3/8 | 704149 |
| 1/4 | 3/8 | 5/8 | 2-7/16 | 704150 |
| 5/16 | 3/8 | 3/4 | 2-1/2 | 704151 |
| 3/8 | 3/8 | 3/4 | 2-1/2 | 704152 |
| 7/16 | 1/2 | 1 | 3 | 704153 |
| 1/2 | 1/2 | 1 | 3 | 704154 |
| 9/16 | 1/2 | 1-1/8 | 3-1/8 | 704155 |
| 5/8 | 5/8 | 1-1/8 | 3-1/2 | 704156 |
| 3/4 | 3/4 | 1-1/8 | 3-7/8 | 704157 |
| 7/8 | 7/8 | 2 | 4-1/4 | 704158 |
| 1 | 1 | 2-1/4 | 4-3/4 | 704159 |
| 1-1/4 | 1-1/4 | 2-1/2 | 5 | 704160 |
| 1-1/2 | 1-1/4 | 2-1/2 | 5 | 704161 |

2 Flute – Extended Length



| Cutter Diameter (Inch) | Shank Diameter (Inch) | Length of Cut (Inch) | Overall Length (Inch) | Code |
|------------------------|-----------------------|----------------------|-----------------------|--------|
| 1/4 | 3/8 | 5/8 | 3-1/16 | 704139 |
| 5/16 | 3/8 | 3/4 | 3-5/16 | 704140 |
| 3/8 | 3/8 | 3/4 | 3-5/16 | 704141 |
| 1/2 | 1/2 | 1 | 4 | 704142 |

| Cutter Diameter (Inch) | Shank Diameter (Inch) | Length of Cut (Inch) | Overall Length (Inch) | Code |
|------------------------|-----------------------|----------------------|-----------------------|--------|
| 5/8 | 5/8 | 1-3/8 | 4-5/8 | 704143 |
| 3/4 | 3/4 | 1-5/8 | 5-3/8 | 704144 |
| 7/8 | 7/8 | 2 | 6 | 704145 |
| 1 | 1 | 2-1/2 | 7-1/4 | 704146 |
| 1-1/4 | 1-1/4 | 3 | 7-1/4 | 704147 |

Metric – 2 Flute – Regular Length – Center Cut – Inch Weldon Shanks



| Cutter Diameter (mm) | Shank Diameter (Inch) | Length of Cut (Inch) | Overall Length (Inch) | Code |
|----------------------|-----------------------|----------------------|-----------------------|--------|
| 3.0 | 3/8 | 5/16 | 2-5/16 | 704223 |
| 4.0 | 3/8 | 7/16 | 2-5/16 | 704224 |
| 5.0 | 3/8 | 1/2 | 2-5/16 | 704225 |
| 6.0 | 3/8 | 1/2 | 2-5/16 | 704226 |
| 7.0 | 3/8 | 9/16 | 2-5/16 | 704227 |
| 8.0 | 3/8 | 9/16 | 2-5/16 | 704228 |
| 9.0 | 3/8 | 9/16 | 2-5/16 | 704229 |
| 10.0 | 3/8 | 13/16 | 2-1/2 | 704230 |
| 11.0 | 3/8 | 13/16 | 2-1/2 | 704231 |
| 12.0 | 3/8 | 13/16 | 2-1/2 | 704232 |
| 13.0 | 1/2 | 1-1/8 | 3-1/8 | 704233 |
| 14.0 | 1/2 | 1-1/8 | 3-1/8 | 704234 |

| Cutter Diameter (mm) | Shank Diameter (Inch) | Length of Cut (Inch) | Overall Length (Inch) | Code |
|----------------------|-----------------------|----------------------|-----------------------|--------|
| 16.0 | 1/2 | 1-5/16 | 3-7/16 | 704235 |
| 18.0 | 1/2 | 1-5/16 | 3-7/16 | 704236 |
| 20.0 | 3/4 | 1-1/2 | 3 | 704237 |
| 22.0 | 3/4 | 1-1/2 | 3-3/4 | 704238 |
| 24.0 | 3/4 | 2 | 4-1/2 | 704239 |
| 25.0 | 3/4 | 2 | 4-1/2 | 704240 |
| 26.0 | 3/4 | 1-5/8 | 3-7/8 | 704241 |
| 30.0 | 1 | 1-5/8 | 4-1/8 | 704242 |
| 32.0 | 1 | 1-5/8 | 4-1/8 | 704243 |
| 36.0 | 1 | 1-5/8 | 4-1/8 | 704244 |