



## Throw Away Cutters

Cobalt M42 – 3 Flute – Center Cut – Weldon Shanks



Stub Length



Long Length



| Cutter Diameter (Inch) | Shank Diameter (Inch) | Length of Cut (Inch) | Overall Length (Inch) | Code   |
|------------------------|-----------------------|----------------------|-----------------------|--------|
| 1/16                   | 1/4                   | 3/32                 | 31/32                 | 313164 |
| 3/32                   | 1/4                   | 5/32                 | 1-1/64                | 313165 |
| 1/8                    | 1/4                   | 3/16                 | 1-3/32                | 313166 |
| 5/32                   | 1/4                   | 1/4                  | 1-9/32                | 313167 |
| 3/16                   | 1/4                   | 9/32                 | 1-11/32               | 313168 |
| 7/32                   | 1/4                   | 5/16                 | 1-13/32               | 313169 |
| 1/4                    | 1/4                   | 3/8                  | 1-13/32               | 313170 |

| Cutter Diameter (Inch) | Shank Diameter (Inch) | Length of Cut (Inch) | Overall Length (Inch) | Code   |
|------------------------|-----------------------|----------------------|-----------------------|--------|
| 1/16                   | 1/4                   | 5/32                 | 1-3/32                | 313171 |
| 3/32                   | 1/4                   | 1/4                  | 1-1/4                 | 313172 |
| 1/8                    | 1/4                   | 5/16                 | 1-11/32               | 313173 |
| 5/32                   | 1/4                   | 3/8                  | 1-17/32               | 313174 |
| 3/16                   | 1/4                   | 7/16                 | 1-21/32               | 313175 |
| 7/32                   | 1/4                   | 1/2                  | 1-3/4                 | 313176 |
| 1/4                    | 1/4                   | 5/8                  | 1-3/4                 | 313177 |

## Throw Away Cutters

Metric – Cobalt M42 – 3 Flute – Center Cut – Weldon Shanks

Regular Length

| Cutter Diameter (mm) | Shank Diameter (Inch) | Length of Cut (mm) | Overall Length (mm) | Code   |
|----------------------|-----------------------|--------------------|---------------------|--------|
| 1.5                  | 1/4                   | 2.5                | 24.5                | 313178 |
| 2.0                  | 1/4                   | 3.0                | 25.5                | 313179 |
| 2.5                  | 1/4                   | 4.0                | 26.0                | 313180 |
| 3.0                  | 1/4                   | 4.5                | 28.0                | 313181 |
| 3.5                  | 1/4                   | 5.5                | 30.0                | 313182 |
| 4.0                  | 1/4                   | 6.5                | 32.5                | 313183 |
| 5.0                  | 1/4                   | 7.5                | 36.0                | 313184 |
| 6.0                  | 1/4                   | 9.5                | 36.0                | 313185 |

Long Length

| Cutter Diameter (mm) | Shank Diameter (Inch) | Length of Cut (mm) | Overall Length (mm) | Code   |
|----------------------|-----------------------|--------------------|---------------------|--------|
| 1.5                  | 1/4                   | 4.0                | 28.0                | 313186 |
| 2.0                  | 1/4                   | 4.5                | 29.0                | 313187 |
| 2.5                  | 1/4                   | 6.5                | 32.0                | 313188 |
| 3.0                  | 1/4                   | 7.5                | 34.0                | 313189 |
| 3.5                  | 1/4                   | 8.5                | 36.5                | 313190 |
| 4.0                  | 1/4                   | 9.5                | 39.0                | 313191 |
| 5.0                  | 1/4                   | 12.5               | 44.5                | 313192 |
| 6.0                  | 1/4                   | 16.0               | 44.5                | 313193 |

## End Mills

Cobalt M42 – 6 Flute – Center Cut – Weldon Shanks

Regular Length – Inch

| Cutter Diameter (Inch) | Shank Diameter (Inch) | Length of Cut (Inch) | Overall Length (Inch) | Code   |
|------------------------|-----------------------|----------------------|-----------------------|--------|
| 1-1/16                 | 3/4                   | 1-1/2                | 3-7/8                 | 930351 |
| 1-3/16                 | 3/4                   | 2                    | 4-1/4                 | 930356 |
| 1-1/4                  | 1-1/4                 | 2                    | 4-1/2                 | 930360 |
| 1-5/16                 | 3/4                   | 2                    | 4-3/8                 | 930361 |
| 1-3/8                  | 1                     | 2                    | 4-1/2                 | 930362 |
| 1-1/2                  | 1-1/4                 | 2                    | 4-1/2                 | 930365 |
| 1-5/8                  | 1-1/4                 | 2                    | 4-1/2                 | 930366 |
| 1-3/4                  | 1-1/4                 | 2                    | 4-1/2                 | 930367 |
| 1-7/8                  | 1-1/4                 | 2                    | 4-3/8                 | 930368 |
| 2                      | 1-1/4                 | 2                    | 4-1/2                 | 930370 |

Long Length – Inch

| Cutter Diameter (Inch) | Shank Diameter (Inch) | Length of Cut (Inch) | Overall Length (Inch) | Code   |
|------------------------|-----------------------|----------------------|-----------------------|--------|
| 1-1/16                 | 3/4                   | 2                    | 4-1/4                 | 930411 |
| 1-1/8                  | 1                     | 4                    | 6-1/2                 | 930412 |
| 1-1/4                  | 1-1/4                 | 4                    | 6-1/2                 | 930415 |
| 1-1/2                  | 1-1/4                 | 4                    | 6-1/2                 | 930416 |
| 1-3/4                  | 1-1/4                 | 4                    | 6-1/2                 | 930417 |