

## ER8 and ER11 Collets

### ER8 Collets

Size range: 1.00 - 5.00mm (0.039" - 0.197")

#### Metric

| Part Number | Size  | Collapse Range |
|-------------|-------|----------------|
| ER8-039     | 1.0mm | 1.0 - 0.5mm    |
| ER8-059     | 1.5mm | 1.5 - 1.0mm    |
| ER8-078     | 2.0mm | 2.0 - 1.5mm    |
| ER8-098     | 2.5mm | 2.5 - 2.0mm    |
| ER8-118     | 3.0mm | 3.0 - 2.5mm    |
| ER8-137     | 3.5mm | 3.5 - 3.0mm    |
| ER8-157     | 4.0mm | 4.0 - 3.5mm    |
| ER8-177     | 4.5mm | 4.5 - 4.0mm    |
| ER8-196     | 5.0mm | 5.0 - 4.5mm    |

ER8-SET-09-MM 9 Piece Set  
0.5 - 5.0mm by 0.5mm



### Precision Standard

Precision slots allow for even distribution of clamping pressure and minimal run out.



### Coolant-Thru

Our patented Coolant Collets are designed for use with cylindrical shank tools (no flats). Cutting tool should be inserted the full length of the collet. If these conditions are not met, coolant leakage may result. Seals up to maximum coolant pressure of 1000 psi.

### ER11 Collets

Size range: 1/32 - 17/64"  
(0.031 - 0.266")

Size range: 1.0 - 7.0mm  
(0.039 - 0.276")

#### Inch

| Part Number | Size   | Collapse Range |
|-------------|--------|----------------|
| E11-002     | 1/32"  | 0.031 - 0.027" |
| E11-003     | 3/64"  | 0.047 - 0.031" |
| E11-004     | 1/16"  | 0.063 - 0.047" |
| E11-005     | 5/64"  | 0.078 - 0.063" |
| E11-006     | 3/32"  | 0.094 - 0.078" |
| E11-007     | 7/64"  | 0.109 - 0.094" |
| E11-008     | 1/8"   | 0.125 - 0.109" |
| E11-009     | 9/64"  | 0.141 - 0.125" |
| E11-010     | 5/32"  | 0.156 - 0.141" |
| E11-011     | 11/64" | 0.172 - 0.156" |
| E11-012     | 3/16"  | 0.187 - 0.172" |
| E11-013     | 13/64" | 0.203 - 0.187" |
| E11-014     | 7/32"  | 0.219 - 0.203" |
| E11-015     | 15/64" | 0.234 - 0.219" |
| E11-016     | 1/4"   | 0.250 - 0.234" |
| E11-017     | 17/64" | 0.266 - 0.250" |

#### Metric

| Part Number | Size  | Collapse Range |
|-------------|-------|----------------|
| E11-039     | 1.0mm | 1.0 - 0.5mm    |
| E11-059     | 1.5mm | 1.5 - 1.0mm    |
| E11-078     | 2.0mm | 2.0 - 1.5mm    |
| E11-098     | 2.5mm | 2.5 - 2.0mm    |
| E11-118     | 3.0mm | 3.0 - 2.5mm    |
| E11-137     | 3.5mm | 3.5 - 3.0mm    |
| E11-157     | 4.0mm | 4.0 - 3.5mm    |
| E11-177     | 4.5mm | 4.5 - 4.0mm    |
| E11-196     | 5.0mm | 5.0 - 4.5mm    |
| E11-216     | 5.5mm | 5.5 - 5.0mm    |
| E11-236     | 6.0mm | 6.0 - 5.5mm    |
| E11-255     | 6.5mm | 6.5 - 6.0mm    |
| E11-275     | 7.0mm | 7.0 - 6.5mm    |

### ER11 Collet Sets

|               |                                    |
|---------------|------------------------------------|
| E11-SET-14    | 14 Piece Set: 1/16" - by 1/64ths   |
| E11-SET-12-MM | 12 Piece Set: 1.0 - 7.0mm by 0.5mm |

Note: See dimensional data for ER8 & ER11 Collets on page 41.

Size range: 3/16 - 17/64"  
(0.188 - 0.266")

Size range: 4.0 - 7.0mm  
(0.157 - 0.276")

### Inch Coolant-Thru

| Part Number | Size   | Collapse Range |
|-------------|--------|----------------|
| E11-012(C)  | 3/16"  | 0.187 - 0.183" |
| E11-013(C)  | 13/64" | 0.203 - 0.199" |
| E11-014(C)  | 7/32"  | 0.218 - 0.214" |
| E11-015(C)  | 15/64" | 0.234 - 0.230" |
| E11-016(C)  | 1/4"   | 0.250 - 0.246" |
| E11-017(C)  | 17/64" | 0.265 - 0.261" |

### Metric Coolant-Thru

| Part Number | Size  | Collapse Range |
|-------------|-------|----------------|
| E11-157(C)  | 4.0mm | 4.0 - 3.5mm    |
| E11-177(C)  | 4.5mm | 4.5 - 4.0mm    |
| E11-196(C)  | 5.0mm | 5.0 - 4.5mm    |
| E11-216(C)  | 5.5mm | 5.5 - 5.0mm    |
| E11-236(C)  | 6.0mm | 6.0 - 5.5mm    |
| E11-255(C)  | 6.5mm | 6.5 - 6.0mm    |
| E11-275(C)  | 7.0mm | 7.0 - 6.5mm    |

### ER11 Coolant Collet Sets

|                  |                                        |
|------------------|----------------------------------------|
| E11-SET-06(C)    | 6 Piece Set: 3/16" - 17/64" by 1/64ths |
| E11-SET-07(C)-MM | 7 Piece Set: 3.9 - 7.0mm by 0.5mm      |