

## ER Collets

Inch &amp; Metric

Metric – Collapsible 1 mm (continued)

| Decimal Range (mm) | Size (mm) | ER16   | ER20   | ER25   | ER32   | ER40   |
|--------------------|-----------|--------|--------|--------|--------|--------|
|                    |           | Code   | Code   | Code   | Code   | Code   |
| 0.12 – 0.16        | 3 – 4     | 302002 | 302012 | 302083 | 302032 | 302052 |
| 0.16 – 0.20        | 4 – 5     | 302003 | 302013 | 302084 | 302033 | 302053 |
| 0.20 – 0.24        | 5 – 6     | 302008 | 302014 | 302085 | 302034 | 302054 |
| 0.24 – 0.28        | 6 – 7     | 302004 | 302015 | 302086 | 302035 | 302055 |
| 0.28 – 0.32        | 7 – 8     | 302005 | 302016 | 302087 | 302036 | 302056 |
| 0.32 – 0.35        | 8 – 9     | 302006 | 302017 | 302088 | 302037 | 302057 |
| 0.35 – 0.39        | 9 – 10    | 302007 | 302018 | 302089 | 302038 | 302058 |
| 0.39 – 0.43        | 10 – 11   | –      | 302019 | 302090 | 302039 | 302059 |
| 0.43 – 0.47        | 11 – 12   | –      | 302020 | 302091 | 302040 | 302060 |
| 0.47 – 0.51        | 12 – 13   | –      | 302021 | 302092 | 302041 | 302061 |
| 0.51 – 0.55        | 13 – 14   | –      | –      | 302093 | 302042 | 302062 |
| 0.55 – 0.59        | 14 – 15   | –      | –      | 302094 | 302043 | 302063 |
| 0.59 – 0.63        | 15 – 16   | –      | –      | 302095 | 302044 | 302064 |
| 0.63 – 0.67        | 16 – 17   | –      | –      | –      | 302045 | 302065 |
| 0.67 – 0.71        | 17 – 18   | –      | –      | –      | 302046 | 302066 |
| 0.71 – 0.75        | 18 – 19   | –      | –      | –      | 302047 | 302067 |
| 0.75 – 0.79        | 19 – 20   | –      | –      | –      | 302048 | 302068 |
| 0.79 – 0.83        | 20 – 21   | –      | –      | –      | –      | 302069 |
| 0.83 – 0.87        | 21 – 22   | –      | –      | –      | –      | 302070 |
| 0.87 – 0.91        | 22 – 23   | –      | –      | –      | –      | 302071 |
| 0.91 – 0.95        | 23 – 24   | –      | –      | –      | –      | 302072 |
| 0.95 – 0.98        | 24 – 25   | –      | –      | –      | –      | 302073 |
| 0.98 – 1.02        | 25 – 26   | –      | –      | –      | –      | 302074 |

## ER Rigid Tapping Collets

With Square Drive



- For taps with ANSI shanks
- For synchronous tapping operations using any ER collet chuck
- Collet bore is exact tool diameter, with square drive, for accuracy and rigidity

| Tap Size     | Tap Shank Diameter (Inch) | Tap Shank Square (Inch) | ER16   | ER20   | ER25   | ER32   | ER40   |
|--------------|---------------------------|-------------------------|--------|--------|--------|--------|--------|
|              |                           |                         | Code   | Code   | Code   | Code   | Code   |
| 0 – 6"       | 0.141                     | 0.110                   | 356200 | 356210 | 356220 | 356240 | 356270 |
| #8           | 0.168                     | 0.131                   | 356201 | 356211 | 356221 | 356241 | 356271 |
| #10          | 0.194                     | 0.152                   | 356202 | 356212 | 356222 | 356242 | 356272 |
| #12          | 0.220                     | 0.165                   | 356203 | 356213 | 356223 | 356243 | 356273 |
| 1/4"         | 0.255                     | 0.191                   | 356204 | 356214 | 356224 | 356244 | 356274 |
| 5/16"        | 0.318                     | 0.238                   | 356205 | 356215 | 356225 | 356245 | 356275 |
| 3/8"         | 0.381                     | 0.286                   | –      | 356216 | 356226 | 356246 | 356276 |
| 7/16"        | 0.323                     | 0.242                   | –      | 356217 | 356227 | 356247 | 356277 |
| 1/2"         | 0.367                     | 0.275                   | –      | 356218 | 356228 | 356248 | 356278 |
| 9/16"        | 0.429                     | 0.322                   | –      | –      | 356229 | 356249 | 356279 |
| 5/8"         | 0.480                     | 0.360                   | –      | –      | 356230 | 356250 | 356280 |
| 3/4"         | 0.590                     | 0.442                   | –      | –      | –      | 356251 | 356281 |
| 7/8"         | 0.697                     | 0.523                   | –      | –      | –      | –      | 356282 |
| 1"           | 0.800                     | 0.600                   | –      | –      | –      | –      | 356283 |
| 1/8" Pipe SS | 0.312                     | 0.234                   | –      | –      | 356231 | 356261 | 356291 |
| 1/8" Pipe LS | 0.438                     | 0.328                   | –      | –      | 356232 | 356262 | 356292 |
| 1/4" Pipe    | 0.562                     | 0.421                   | –      | –      | –      | 356263 | 356293 |
| 3/8" Pipe    | 0.700                     | 0.531                   | –      | –      | –      | –      | 356294 |
| 1/2" Pipe    | 0.687                     | 0.515                   | –      | –      | –      | –      | 356295 |