



## Insert Wall Thickness and Size Conversion Chart

| Quad(Q), Classic (QC) - Perfect Oval |         |                |             |
|--------------------------------------|---------|----------------|-------------|
| Size                                 | o.d.    | Wall Thickness | Actual      |
| 17/32                                | 7/8     | 3/16+          | .196 - .2   |
| 35/64                                | 7/8     | 3/16+          | 0.201       |
| 9/16                                 | 7/8     | 3/16           | .186 - .191 |
| 37/64                                | 7/8     | 3/16-          | 0.184       |
| 19/32                                | 7/8     | 5/32+          | .167 - .170 |
| 19/32                                | 31/32   | 7/32           | .220 - .224 |
| 39/64                                | 7/8     | 5/16+          | 0.172       |
| 39/64                                | 31/32   | 7/32-          | 0.207       |
| 5/8                                  | 7/8     | 5/32           | .154 - .158 |
| 5/8                                  | 31/32   | 3/16+          | .195 - .199 |
| 41/64                                | 7/8     | 5/32           | 0.156       |
| 41/64                                | 31/32   | 3/16+          | 0.206       |
| 21/32                                | 7/8     | 5/32-          | .144 - .151 |
| 21/32                                | 31/32   | 3/16+          | .192 - .195 |
| 43/64                                | 7/8     | 5/32-          | 0.152       |
| 43/64                                | 31/32   | 3/16-          | 0.183       |
| 11/16                                | 7/8     | 1/8+           | .129 - .131 |
| 11/16                                | 31/32   | 3/16-          | .175 - .177 |
| 45/64                                | 7/8     | 1/8+           | 0.13        |
| 45/64                                | 31/32   | 5/32+          | 0.169       |
| 23/32                                | 7/8     | 1/8-           | 0.12        |
| 23/32                                | 31/32   | 5/32+          | .163 - .169 |
| 47/64                                | 7/8     | 1/8-           | 0.116       |
| 47/64                                | 31/32   | 5/32           | 0.156       |
| 3/4                                  | 7/8     | 3/32+          | 0.108       |
| 3/4                                  | 31/32   | 5/32-          | 0.15        |
| 49/64                                | 31/32   | 5/32           | 0.157       |
| 25/32                                | 31/32   | 1/8+           | .129 - .138 |
| 51/64                                | 31/32   | 1/8+           | 0.128       |
| 13/16                                | 31/32   | 1/8            | .126 - .127 |
| 53/64                                | 1 1/32" | 1/8-           | 0.119       |
| 27/32                                | 1 1/32" | 3/32+          | .110 - .113 |
| 7/8                                  | 1 1/32" | 1/8-           | .115 - .119 |
| 29/32                                | 1 1/32" | 3/32+          | .099 - .102 |

\*fractions are rounded to nearest 1/32

| Quad (Q) - Power Oval |         |                |             |
|-----------------------|---------|----------------|-------------|
| Size                  | o.d.    | Wall Thickness | Actual      |
| 17/32                 | 7/8     | 7/32+          | .227 - .230 |
| 35/64                 | 7/8     | 7/32+          | 0.235       |
| 9/16                  | 7/8     | 7/32+          | 0.22        |
| 37/64                 | 7/8     | 7/32+          | 0.22        |
| 19/32                 | 7/8     | 3/16+          | .194 - .198 |
| 19/32                 | 31/32   | 1/4            | 0.249       |
| 39/64                 | 7/8     | 3/16+          | 0.204       |
| 39/64                 | 31/32   | 1/4-           | 0.244       |
| 5/8                   | 7/8     | 3/16-          | .177 - .182 |
| 5/8                   | 31/32   | 1/4-           | 0.24        |
| 41/64                 | 7/8     | 3/16           | 0.188       |
| 41/64                 | 31/32   | 1/4-           | 0.23        |
| 21/32                 | 7/8     | 5/32           | 0.156       |
| 21/32                 | 31/32   | 7/32+          | 0.221       |
| 43/64                 | 7/8     | 3/16-          | 0.173       |
| 43/64                 | 31/32   | 7/32-          | 0.215       |
| 11/16                 | 7/8     | 5/32-          | .144 - .147 |
| 11/16                 | 31/32   | 7/32-          | 0.209       |
| 45/64                 | 7/8     | 5/32           | 0.155       |
| 45/64                 | 31/32   | 3/16+          | 0.195       |
| 23/32                 | 7/8     | 1/8+           | .136 - .138 |
| 23/32                 | 31/32   | 3/16-          | 0.182       |
| 47/64                 | 7/8     | 1/8+           | 0.147       |
| 47/64                 | 31/32   | 3/16-          | 0.179       |
| 3/4                   | 7/8     | 1/8-           | .120 - .123 |
| 3/4                   | 31/32   | 3/16-          | 0.177       |
| 49/64                 | 31/32   | 3/16-          | 0.169       |
| 25/32                 | 31/32   | 5/32+          | 0.161       |
| 51/64                 | 31/32   | 5/32           | 0.154       |
| 13/16                 | 31/32   | 5/32-          | 0.147       |
| 53/64                 | 1 1/32" | 1/8+           | 0.138       |
| 27/32                 | 1 1/32" | 1/8+           | 0.13        |
| 7/8                   | 1 1/32" | 5/32-          | 0.145       |
| 29/32                 | 1 1/32" | 1/8-           | 0.122       |

\*fractions are rounded to nearest 1/32

| Size Conversion or Equilant |        |       |
|-----------------------------|--------|-------|
| Competitor Vise Brand       |        |       |
| -1                          | Equals | 17/32 |
| -5                          | Equals | 35/64 |
| 0                           | Equals | 9/16  |
| .5                          | Equals | 37/96 |
| 1                           | Equals | 19/32 |
| 1.5                         | Equals | 39/64 |
| 2                           | Equals | 5/8   |
| 2.5                         | Equals | 41/64 |
| 3                           | Equals | 21/32 |
| 3.5                         | Equals | 43/64 |
| 4                           | Equals | 11/16 |
| 4.5                         | Equals | 45/64 |
| 5                           | Equals | 23/32 |
| 5.5                         | Equals | 47/64 |
| 6                           | Equals | 3/4   |
| 6.5                         | Equals | 49/64 |
| 7                           | Equals | 25/32 |
| 7.5                         | Equals | 51/64 |
| 8                           | Equals | 13/16 |
| 8.5                         | Equals | n/a   |
| 9                           | Equals | 27/32 |
| 9.5                         | Equals | n/a   |
| 10                          | Equals | 7/8   |
| 10.5                        | Equals | n/a   |
| 11                          | Equals | 29/32 |

| Fraction Conversions |        |       |
|----------------------|--------|-------|
| 3/32                 | Equals | 0.094 |
| 1/8                  | Equals | 0.125 |
| 5/32                 | Equals | 0.156 |
| 3/16                 | Equals | 0.187 |
| 7/32                 | Equals | 0.218 |
| 1/4                  | Equals | 0.25  |