

BAR STOCK SIZES AND WEIGHTS

Solid Round

| Diameter | Class 2 | | Tolerance +/- (Dia.) | Class 3 | | Tolerance +/- (Dia.) |
|----------|----------|----------|-------------------------|----------|----------|-------------------------|
| | lbs./in. | lbs./ft. | | lbs./in. | lbs./ft. | |
| 1/8" | .004 | .05 | .002 | | | |
| 3/16" | .009 | .11 | .002 | | | |
| 1/4" | .016 | .19 | .002 | | | |
| 5/16" | .024 | .29 | .002 | .024 | .29 | .003 |
| 3/8" | .035 | .42 | .002 | .034 | .41 | .003 |
| 7/16" | .048 | .58 | .002 | | | |
| .482" | .058 | .70 | .002 | | | |
| 1/2" | .063 | .76 | .002 | .062 | .74 | .003 |
| 9/16" | .079 | .95 | .002 | | | |
| 5/8" | .098 | 1.18 | .622/.624 | .096 | 1.15 | .004 |
| 3/4" | .142 | 1.70 | .747/.749 | .140 | 1.68 | .004 |
| 7/8" | .192 | 2.30 | .872/.874 | .189 | 2.27 | .004 |
| 1" | .252 | 3.02 | .003 | .248 | 2.98 | .004 |
| 1-1/8" | .318 | 3.81 | .004 | .314 | 3.77 | .005 |
| 1-1/4" | .393 | 4.72 | .004 | .388 | 4.66 | .005 |
| 1-3/8" | .476 | 5.71 | .004 | .468 | 5.62 | .005 |
| 1-1/2" | .566 | 6.79 | .004 | .559 | 6.71 | .005 |
| 1-3/4" | .770 | 9.24 | .004 | .760 | 9.12 | .005 |
| 2" | 1.005 | 12.06 | .004 | .992 | 11.90 | .005 |
| 2-1/4" | 1.273 | 15.27 | .004 | 1.257 | 15.08 | .005 |
| 2-1/2" | 1.572 | 18.86 | .004 | 1.552 | 18.62 | .005 |
| 2-3/4" | 1.901 | 22.81 | .006 | 1.877 | 22.52 | .007 |
| 3" | 2.262 | 27.14 | .006 | 2.233 | 26.80 | .007 |
| 3-1/8" | | | | 2.424 | 29.09 | .040 |
| 3-1/4" | | | | 2.623 | 31.48 | .040 |
| 3-3/8" | 2.863 | 34.36 | .040 | 2.826 | 33.91 | .040 |
| 3-1/2" | | | | 3.042 | 36.50 | .040 |
| 3-5/8" | 3.303 | 39.63 | .060 | 3.261 | 39.13 | .060 |
| 3-7/8" | 3.774 | 45.29 | .060 | 3.715 | 44.58 | .060 |
| 4" | | | | 3.973 | 47.67 | .060 |
| 4-1/8" | 4.277 | 51.32 | .080 | 4.222 | 50.66 | .080 |
| 4-3/8" | 4.811 | 57.73 | .080 | 4.736 | 56.83 | .080 |
| 4-1/2" | | | | 5.040 | 60.48 | .080 |
| 4-5/8" | 5.377 | 64.52 | .080 | 5.308 | 63.67 | .080 |
| 5-1/8" | | | | 6.519 | 78.23 | .080 |

BAR STOCK SIZES AND WEIGHTS

Rectangle

| Size | Class 2 | | Thickness Tolerance +/- (unless otherwise noted) | | Class 3 | | Thickness Tolerance +/- (unless otherwise noted) | |
|-----------------|----------|----------|--|-------|----------|----------|--|-------|
| | lbs./in. | lbs./ft. | Thickness | Width | lbs./in. | lbs./ft. | Thickness | Width |
| 1/4" x 1" | .080 | .96 | .006 | .007 | .079 | .95 | .007 | .008 |
| 1/4" x 1-1/2" | .120 | 1.44 | .007 | .009 | .118 | 1.42 | .008 | .010 |
| 1/4" x 2" | .160 | 1.92 | .007 | .009 | .158 | 1.90 | .008 | .010 |
| 1/4" x 3" | .240 | 2.88 | .007 | .015 | .237 | 2.84 | .009 | .015 |
| 3/8" x 3/4" | .090 | 1.08 | .006 | .007 | | | | |
| 3/8" x 1" | .120 | 1.44 | .006 | .007 | | | | |
| 3/8" x 1-1/4" | | | | | .180 | 2.16 | .008 | .010 |
| 1/2" x 1/2" | .080 | .96 | .005 | .005 | .079 | .95 | .006 | .006 |
| 1/2" x 3/4" | .120 | 1.44 | .006 | .007 | .118 | 1.42 | .007 | .008 |
| 1/2" x 1" | .160 | 1.92 | .006 | .007 | .158 | 1.90 | .007 | .008 |
| 1/2" x 1-1/2" | .240 | 2.88 | .007 | .009 | .237 | 2.84 | .008 | .010 |
| 1/2" x 2" | .320 | 3.84 | .007 | .009 | .316 | 3.80 | .008 | .010 |
| 1/2" x 3" | .480 | 5.76 | .007 | .015 | .474 | 5.69 | .009 | .007 |
| 5/8" x 5/8" | .125 | 1.50 | .006 | .006 | .123 | 1.48 | .007 | .007 |
| 5/8" x 3/4" | .150 | 1.80 | .006 | .007 | | | | |
| 5/8" x 1" | .200 | 2.40 | .006 | .007 | .197 | 2.37 | .007 | .008 |
| 5/8" x 1-1/2" | .300 | 3.60 | .007 | .009 | .296 | 3.55 | .008 | .010 |
| 5/8" x 2" | | | | | .395 | 4.74 | .008 | .010 |
| 3/4" x 3/4" | .180 | 2.16 | .006 | .006 | .178 | 2.14 | .007 | .007 |
| 3/4" x 1" | .240 | 2.88 | .006 | .007 | .237 | 2.84 | .007 | .008 |
| 3/4" x 1-1/2" | .360 | 4.32 | .007 | .009 | .355 | 4.26 | .008 | .010 |
| 3/4" x 1-3/4" | .420 | 5.04 | .007 | .009 | | | | |
| 3/4" x 2" | .480 | 5.76 | .007 | .009 | .474 | 5.69 | .008 | .010 |
| 3/4" x 2-1/2" | .600 | 7.20 | .008 | .013 | .622 | 7.94 | .009 | .013 |
| 3/4" x 3" | .720 | 8.64 | .008 | .015 | .711 | 8.53 | .009 | .016 |
| 1" x 1" | .320 | 3.84 | .006 | .006 | .316 | 3.79 | .006 | .006 |
| 1" x 1-1/4" | .400 | 4.80 | .007 | .009 | .442 | 5.30 | .007 | .009 |
| 1" x 1-1/2" | .480 | 5.76 | .007 | .009 | .474 | 5.69 | .007 | .009 |
| 1" x 2" | .640 | 7.68 | .007 | .009 | .632 | 7.58 | .007 | .009 |
| 1" x 2-1/2" | .800 | 9.60 | .008 | .013 | | | .008 | .013 |
| 1" x 3" | .960 | 11.52 | .008 | .015 | .948 | 11.38 | .008 | .015 |
| 1-1/4" x 1-1/4" | .500 | 6.00 | .007 | .007 | .494 | 5.92 | .007 | .007 |
| 1-1/4" x 1-1/2" | .600 | 7.20 | .007 | .009 | .601 | 7.21 | .007 | .009 |
| 1-1/4" x 1-3/4" | .700 | 8.40 | .007 | .009 | | | .007 | .009 |
| 1-1/4" x 2" | .800 | 9.60 | .007 | .009 | | | .007 | .009 |
| 1-1/2" x 1-1/2" | .720 | 8.64 | .007 | .007 | .711 | 8.53 | .007 | .007 |
| 1-1/2" x 2" | .960 | 11.52 | .007 | .009 | .948 | 11.38 | .007 | .009 |
| 1-1/2" x 3" | 1.440 | 17.28 | .009 | .015 | 1.422 | 17.06 | .009 | .015 |
| 1-3/4" x 2" | 1.120 | 13.44 | .007 | .009 | 1.100 | 13.20 | .007 | .009 |
| 1-3/4" x 3" | | | | | 1.659 | 19.91 | | |
| 2" x 2" | 1.280 | 15.36 | .009 | .009 | 1.264 | 15.17 | .009 | .009 |
| 2" x 3" | | | | | 1.896 | 22.75 | | |

BAR STOCK SIZES AND WEIGHTS

Hexagon Rod

| Size | Class 2 | | Tolerance +/- (across flats) |
|--------|----------|----------|---------------------------------|
| | lbs./in. | lbs./ft. | |
| 1/2" | .069 | .837 | .005 |
| 5/8" | .157 | 1.88 | .005 |
| 3/4" | .183 | 2.20 | .005 |
| 7/8" | .212 | 2.54 | .005 |
| 1" | .276 | 3.33 | .005 |
| 1-1/8" | .351 | 4.21 | .006 |
| 1-1/4" | .433 | 5.20 | .006 |
| 1-1/2" | .625 | 7.50 | .006 |