



Steel Weights and Formulas

STEEL WEIGHT – SHEET

| DIA. INCHES | PER INCH | PER FOOT | 12FT BAR | DIA. INCHES | PER INCH | PER FOOT | 12FT BAR | DIA. INCHES | PER INCH | PER FOOT | 12FT BAR |
|-------------|----------|----------|----------|-------------|----------|----------|----------|-------------|----------|----------|----------|
| 1/16 | .001 | .010 | .12 | 29/32 | .183 | 2.193 | 26.32 | 1/4 | 2.36 | 28.21 | 338.5 |
| 5/64 | .001 | .016 | .19 | 15/16 | .196 | 2.347 | 28.16 | 5/16 | 2.45 | 29.30 | 351.6 |
| 3/32 | .002 | .023 | .28 | 31/32 | .209 | 2.506 | 30.07 | 3/8 | 2.54 | 30.42 | 365.0 |
| 7/64 | .003 | .032 | .38 | 1 | .22 | 2.670 | 32.04 | 7/16 | 2.64 | 31.55 | 378.6 |
| 1/8 | .004 | .042 | .50 | 1/64 | .23 | 2.750 | 33.00 | 1/2 | 2.73 | 32.71 | 392.5 |
| .130 | | .0451 | .54 | 1/16 | .25 | 3.014 | 36.17 | 5/8 | 2.93 | 35.09 | 421.1 |
| 9/64 | .004 | .053 | .64 | 3/32 | .27 | 3.194 | 38.33 | 11/16 | 3.03 | 36.31 | 435.7 |
| 5/32 | .005 | .065 | .78 | 1/8 | .28 | 3.379 | 38.33 | 3/4 | 3.14 | 37.55 | 450.6 |
| 11/64 | .007 | .079 | .95 | 9/64 | .29 | 3.470 | 41.64 | 7/8 | 3.35 | 40.10 | 481.2 |
| 3/16 | .008 | .094 | 1.13 | 5/32 | .30 | 3.570 | 42.84 | 15/16 | 3.45 | 41.40 | 496.8 |
| 13/64 | .009 | .110 | 1.32 | 3/16 | .31 | 3.766 | 45.19 | 4 | 3.56 | 42.73 | 512.6 |
| 7/32 | .011 | .128 | 1.54 | 1/4 | .35 | 4.173 | 50.08 | 1/8 | 3.79 | 45.43 | 545.2 |
| 15/64 | .012 | .147 | 1.76 | 17/64 | .36 | 4.276 | 51.31 | 1/4 | 4.02 | 48.23 | 578.7 |
| 1/4 | .014 | .167 | 2.00 | 9/32 | .37 | 4.384 | 52.60 | 3/8 | 4.26 | 51.11 | 613.3 |
| 17/64 | .016 | .188 | 2.256 | 5/16 | .38 | 4.600 | 55.20 | 7/16 | 4.39 | 52.58 | 630.9 |
| 9/32 | .018 | .211 | 2.53 | 3/8 | .42 | 5.049 | 60.59 | 1/2 | 4.51 | 54.07 | 648.9 |
| 19/64 | .019 | .235 | 2.82 | 13/32 | .44 | 5.279 | 63.35 | 5/8 | 4.76 | 57.12 | 685.4 |
| 5/16 | .022 | .261 | 3.13 | 7/16 | .46 | 5.518 | 66.22 | 3/4 | 5.03 | 60.25 | 723.0 |
| 21/64 | .024 | .287 | 3.44 | 1/2 | .50 | 6.008 | 72.10 | 7/8 | 5.29 | 63.45 | 761.5 |
| 11/32 | .026 | .316 | 3.79 | 17/32 | .52 | 6.261 | 75.13 | 15/16 | 5.42 | 65.10 | 781.2 |
| 23/64 | .029 | .345 | 4.14 | 9/16 | .54 | 6.520 | 78.24 | 5 | 5.56 | 66.75 | 801.1 |
| 3/8 | .031 | .376 | 4.51 | 5/8 | .59 | 7.051 | 84.61 | 1/8 | 5.84 | 70.13 | 841.6 |
| 25/64 | .034 | .407 | 4.88 | 11/16 | .64 | 7.604 | 91.25 | 1/4 | 6.13 | 73.60 | 883.2 |
| 13/32 | .037 | .441 | 5.29 | 3/4 | .68 | 8.178 | 98.14 | 3/8 | 6.43 | 77.15 | 925.7 |
| 27/64 | .039 | .475 | 5.70 | 13/16 | .73 | 8.773 | 105.30 | 7/16 | 6.60 | 78.95 | 947.4 |
| 7/16 | .043 | .511 | 6.13 | 7/8 | .78 | 9.388 | 112.70 | 1/2 | 6.73 | 80.77 | 969.2 |
| 29/64 | .048 | .546 | 6.576 | 15/16 | .84 | 10.02 | 120.20 | 5/8 | 7.04 | 84.48 | 1013.8 |
| 15/32 | .049 | .587 | 7.04 | 2 | .89 | 10.68 | 128.2 | 3/4 | 7.36 | 88.29 | 1059.0 |
| 31/64 | .052 | .626 | 7.51 | 1/16 | .95 | 11.36 | 136.3 | 15/16 | 7.84 | 94.14 | 1130.0 |
| 1/2 | .056 | .668 | 8.02 | 1/8 | 1.01 | 12.06 | 144.7 | 6 | 8.01 | 96.12 | 1153.5 |
| 33/64 | .059 | .710 | 8.52 | 3/16 | 1.07 | 12.78 | 153.4 | 1/8 | 8.35 | 100.2 | 1202.4 |

| DIA. INCHES | PER INCH | PER FOOT | 12FT BAR | DIA. INCHES | PER INCH | PER FOOT | 12FT BAR | DIA. INCHES | PER INCH | PER FOOT | 12FT BAR |
|----------------|-------------|-------------|-------------|----------------|-------------|-------------|-------------|----------------|-------------|-------------|-------------|
| 17/32 | .063 | .754 | 9.05 | 1/4 | 1.13 | 13.52 | 162.2 | 1/4 | 8.71 | 104.3 | 1252. |
| 9/16 | .070 | .845 | 10.14 | 5/16 | 1.19 | 14.28 | 171.4 | 1/2 | 9.40 | 112.8 | 1353.8 |
| 37/64 | .074 | .892 | 10.70 | 3/8 | 1.26 | 15.06 | 180.7 | 3/4 | 10.14 | 121.7 | 1460. |
| 19/32 | .078 | .941 | 11.29 | 7/16 | 1.33 | 15.87 | 190.4 | 7 | 10.90 | 130.8 | 1570.8 |
| 5/8 | .087 | 1.043 | 12.52 | 1/2 | 1.39 | 16.69 | 200.3 | 1/4 | 11.70 | 140.4 | 1684.1 |
| 41/64 | .092 | 1.096 | 13.15 | 9/16 | 1.46 | 17.53 | 210.4 | 1/2 | 12.52 | 150.2 | 1802.2 |
| 21/32 | .096 | 1.150 | 13.80 | 5/8 | 1.54 | 18.40 | 220.8 | 3/4 | 13.36 | 160.4 | 1924.4 |
| 11/16 | .105 | 1.262 | 15.14 | 11/16 | 1.61 | 19.29 | 231.5 | 8 | 14.24 | 170.9 | 2050.6 |
| 23/32 | .115 | 1.379 | 16.55 | 3/4 | 1.69 | 20.20 | 242.4 | 1/4 | 15.14 | 181.7 | 2180.7 |
| 3/4 | .125 | 1.502 | 18.02 | 13/16 | 1.76 | 21.12 | 253.4 | 1/2 | 16.08 | 192.9 | 2315.0 |
| 49/64 | .131 | 1.565 | 18.78 | 7/8 | 1.84 | 22.07 | 264.8 | 3/4 | 17.04 | 204.5 | 2453.1 |
| 25/32 | .136 | 1.630 | 19.56 | 15/16 | 1.92 | 23.04 | 276.5 | 9 | 18.02 | 216.3 | 2595.2 |
| 13/16 | .147 | 1.763 | 21.16 | 3 | 2.01 | 24.03 | 288.4 | 1/4 | 19.04 | 228.5 | 2741.4 |
| 27/32 | .158 | 1.901 | 22.81 | 1/16 | 2.09 | 25.05 | 300.6 | 1/2 | 20.08 | 241.0 | 2891.6 |
| 7/8 | .170 | 2.044 | 24.53 | 1/8 | 2.18 | 26.08 | 312.9 | 3/4 | 21.15 | 253.8 | 3045.8 |
| 57/64 | .177 | 2.118 | 25.42 | 3/16 | 2.27 | 27.13 | 325.6 | 10 | 22.25 | 287.0 | 3204.0 |

1248 - 6 th AVENUE SOUTH * SEATTLE* WA * 98134 - 1308
(206) 382 - 0305 PHONE * TOLL FREE (800) 785 - 9778 *
(206) 382 -9204 FAX