

DRILL BIT SIZE CONVERSION CHART



| Fraction | Decimal (in.) | Wire # or Letter | Fraction | Decimal (in.) | Wire # or Letter | Fraction | Decimal (in.) | Wire # or Letter |
|----------|---------------|------------------|----------|---------------|------------------|----------|---------------|------------------|
| | 0.0135 | 80 | | 0.1200 | 31 | | 0.3160 | O |
| | 0.0145 | 79 | 1/8" | 0.1250 | | | 0.3230 | P |
| 1/64" | 0.0156 | | | 0.1285 | 30 | 21/64" | 0.3281 | |
| | 0.0160 | 78 | | 0.1360 | 29 | | 0.3320 | Q |
| | 0.0180 | 77 | | 0.1405 | 28 | | 0.3390 | R |
| | 0.0200 | 76 | 9/64" | 0.1406 | | 11/32" | 0.3438 | |
| | 0.0210 | 75 | | 0.1440 | 27 | | 0.3480 | S |
| | 0.0225 | 74 | | 0.1470 | 26 | | 0.3580 | T |
| | 0.0240 | 73 | | 0.1495 | 25 | 23/64" | 0.3594 | |
| | 0.0250 | 72 | | 0.1520 | 24 | | 0.3680 | U |
| | 0.0260 | 71 | | 0.1540 | 23 | 3/8" | 0.3750 | |
| | 0.0280 | 70 | 5/32" | 0.1563 | | | 0.3770 | V |
| | 0.2920 | 69 | | 0.1570 | 22 | | 0.3860 | W |
| | 0.0310 | 68 | | 0.1590 | 21 | 25/64" | 0.3906 | |
| 1/32" | 0.0313 | | | 0.1610 | 20 | | 0.3970 | X |
| | 0.0320 | 67 | | 0.1660 | 19 | | 0.4040 | Y |
| | 0.0330 | 66 | | 0.1695 | 18 | 13/32" | 0.4063 | |
| | 0.0350 | 65 | 11/64" | 0.1719 | | | 0.4130 | Z |
| | 0.0360 | 64 | | 0.1730 | 17 | 27/64" | 0.4219 | |
| | 0.0370 | 63 | | 0.1770 | 16 | 7/16" | 0.4375 | |
| | 0.0380 | 62 | | 0.1800 | 15 | 29/64" | 0.4531 | |
| | 0.0390 | 61 | | 0.1820 | 14 | 15/32" | 0.4688 | |
| | 0.0400 | 60 | | 0.1850 | 13 | 31/64" | 0.4844 | |
| | 0.0410 | 59 | 3/16" | 0.1875 | | 1/2" | 0.5000 | |
| | 0.0420 | 58 | | 0.1890 | 12 | 33/64" | 0.5156 | |
| | 0.0430 | 57 | | 0.1910 | 11 | 17/32" | 0.5313 | |
| | 0.0465 | 56 | | 0.1935 | 10 | 35/64" | 0.5469 | |
| 3/64" | 0.0469 | | | 0.1960 | 9 | 9/16" | 0.5625 | |
| | 0.0520 | 55 | | 0.1990 | 8 | 37/64" | 0.5781 | |
| | 0.0550 | 54 | | 0.2010 | 7 | 19/32" | 0.5938 | |
| | 0.0595 | 53 | 13/64" | 0.2031 | | 39/64" | 0.6094 | |
| 1/16" | 0.0625 | | | 0.2040 | 6 | 5/8" | 0.6250 | |
| | 0.0635 | 52 | | 0.2055 | 5 | 41/64" | 0.6406 | |
| | 0.0670 | 51 | | 0.2090 | 4 | 21/32" | 0.6563 | |
| | 0.0700 | 50 | | 0.2130 | 3 | 43/64" | 0.6719 | |
| | 0.0730 | 49 | 7/32" | 0.2188 | | 11/16" | 0.6875 | |
| | 0.0760 | 48 | | 0.2210 | 2 | 45/64" | 0.7031 | |
| 5/64" | 0.0781 | | | 0.2280 | 1 | 23/32" | 0.7188 | |
| | 0.0785 | 47 | | 0.2340 | A | 47/64" | 0.7344 | |
| | 0.0810 | 46 | 15/64" | 0.2344 | | 3/4" | 0.7500 | |
| | 0.0820 | 45 | | 0.2380 | B | 49/64" | 0.7656 | |
| | 0.0860 | 44 | | 0.2420 | C | 25/32" | 0.7813 | |
| | 0.0890 | 43 | | 0.2460 | D | 51/64" | 0.7969 | |
| | 0.0935 | 42 | 1/4" | 0.2500 | E | 13/16" | 0.8125 | |
| 3/32" | 0.0938 | | | 0.2570 | F | 53/64" | 0.8281 | |
| | 0.0960 | 41 | | 0.2610 | G | 27/32" | 0.8438 | |
| | 0.0980 | 40 | 17/64" | 0.2656 | | 55/64" | 0.8594 | |
| | 0.0995 | 39 | | 0.2660 | H | 7/8" | 0.8750 | |
| | 0.1015 | 38 | | 0.2720 | I | 57/64" | 0.8906 | |
| | 0.1040 | 37 | | 0.2770 | J | 29/32" | 0.9063 | |
| | 0.1065 | 36 | | 0.2810 | K | 59/64" | 0.9219 | |
| 7/64" | 0.1094 | | 9/32" | 0.2813 | | 15/16" | 0.9375 | |
| | 0.1100 | 35 | | 0.2900 | L | 61/64" | 0.9531 | |
| | 0.1110 | 34 | | 0.2950 | M | 31/32" | 0.9688 | |
| | 0.1130 | 33 | 19/64" | 0.2969 | | 63/64" | 0.9844 | |
| | 0.1160 | 32 | | 0.3020 | N | 1" | 1.0000 | |