

DECIMAL EQUIVALENT CHART

QUICK REFERENCE GUIDE



| METRIC - GREEN | | | FRACTIONAL - RED | | | LETTER SIZE - BLUE | | | WIRE GAUGE - BLACK | | |
|----------------|----------------|------------|------------------|------------|----------------|--------------------|----------------|------------|--------------------|------------|----------------|
| DRILL SIZE | DECIMAL INCHES | DRILL SIZE | DECIMAL INCHES | DRILL SIZE | DECIMAL INCHES | DRILL SIZE | DECIMAL INCHES | DRILL SIZE | DECIMAL INCHES | DRILL SIZE | DECIMAL INCHES |
| 0.30mm | 0.0118 | 54 | 0.0550 | 3.10mm | 0.1220 | 5.50mm | 0.2165 | 8.50mm | 0.3346 | 9/16 | 0.5625 |
| 0.32mm | 0.0126 | 1.40mm | 0.0551 | 1/8 | 0.1250 | 7/32 | 0.2188 | 8.60mm | 0.3386 | 14.50mm | 0.5709 |
| 80 | 0.0135 | 1.45mm | 0.0571 | 3.20mm | 0.1260 | 5.60mm | 0.2205 | R | 0.3390 | 37/64 | 0.5781 |
| 0.35mm | 0.0138 | 1.50mm | 0.0591 | 30 | 0.1285 | 2 | 0.2210 | 8.70mm | 0.3425 | 14.75mm | 0.5807 |
| 79 | 0.0145 | 53 | 0.0595 | 3.30mm | 0.1299 | 5.70mm | 0.2244 | 11/32 | 0.3438 | 15.00mm | 0.5906 |
| 0.38mm | 0.0150 | 1.55mm | 0.0610 | 3.40mm | 0.1339 | 1 | 0.2280 | 8.80mm | 0.3465 | 19/32 | 0.5938 |
| 1/64 | 0.0156 | 1/16 | 0.0625 | 29 | 0.1360 | 5.80mm | 0.2283 | S | 0.3480 | 15.25mm | 0.6004 |
| 0.40mm | 0.0157 | 1.60mm | 0.0630 | 3.50mm | 0.1378 | 5.90mm | 0.2323 | 8.90mm | 0.3504 | 39/64 | 0.6094 |
| 78 | 0.0160 | 52 | 0.0635 | 28 | 0.1405 | A | 0.2340 | 9.00mm | 0.3543 | 15.50mm | 0.6102 |
| 0.42mm | 0.0165 | 1.65mm | 0.0650 | 9/64 | 0.1406 | 15/64 | 0.2344 | T | 0.3580 | 15.75mm | 0.6201 |
| 0.45mm | 0.0177 | 1.70mm | 0.0669 | 3.60mm | 0.1417 | 6.00mm | 0.2362 | 9.10mm | 0.3583 | 5/8 | 0.6250 |
| 77 | 0.0180 | 51 | 0.0670 | 27 | 0.1440 | B | 0.2380 | 23/64 | 0.3594 | 16.00mm | 0.6295 |
| 0.48mm | 0.0189 | 1.75mm | 0.0689 | 3.70mm | 0.1457 | 6.10mm | 0.2402 | 9.20mm | 0.3622 | 16.25mm | 0.6398 |
| 0.50mm | 0.0197 | 50 | 0.0700 | 26 | 0.1470 | C | 0.2420 | 9.30mm | 0.3661 | 41/64 | 0.6406 |
| 76 | 0.0200 | 1.80mm | 0.0709 | 25 | 0.1495 | 6.20mm | 0.2441 | U | 0.3680 | 16.50mm | 0.6496 |
| 75 | 0.0210 | 1.85mm | 0.0728 | 3.80mm | 0.1496 | D | 0.2460 | 9.40mm | 0.3701 | 21/32 | 0.6562 |
| 0.55mm | 0.0217 | 49 | 0.0730 | 24 | 0.1520 | 6.30mm | 0.2480 | 9.5mm | 0.3740 | 16.75mm | 0.6594 |
| 74 | 0.0225 | 1.90mm | 0.0748 | 3.90mm | 0.1535 | 1/4, E | 0.2500 | 3/8 | 0.3750 | 17.00mm | 0.6693 |
| 0.60mm | 0.0236 | 48 | 0.0760 | 23 | 0.1540 | 6.40mm | 0.2520 | V | 0.3770 | 43/64 | 0.6719 |
| 73 | 0.0240 | 1.95mm | 0.0768 | 5/32 | 0.1562 | 6.50mm | 0.2559 | 9.60mm | 0.3780 | 17.25mm | 0.6791 |
| 0.62mm | 0.0244 | 5/64 | 0.0781 | 22 | 0.1570 | F | 0.2570 | 9.70mm | 0.3819 | 11/16 | 0.6875 |
| 72 | 0.0250 | 47 | 0.0785 | 4.00mm | 0.1575 | 6.60mm | 0.2598 | 9.8mm | 0.3858 | 17.50mm | 0.6890 |
| 0.65mm | 0.0256 | 2.00mm | 0.0787 | 21 | 0.1590 | G | 0.2610 | W | 0.3860 | 45/64 | 0.7031 |
| 71 | 0.0260 | 2.05mm | 0.0807 | 20 | 0.1610 | 6.70mm | 0.2638 | 9.90mm | 0.3898 | 18.00mm | 0.7087 |
| 0.70mm | 0.0276 | 46 | 0.0810 | 4.10mm | 0.1614 | 17/64 | 0.2656 | 25/64 | 0.3906 | 23/32 | 0.7188 |
| 70 | 0.0280 | 45 | 0.0820 | 4.20mm | 0.1654 | H | 0.2660 | 10.00mm | 0.3937 | 18.50mm | 0.7283 |
| 69 | 0.0292 | 2.10mm | 0.0827 | 19 | 0.1660 | 6.80mm | 0.2677 | X | 0.3970 | 47/64 | 0.7344 |
| 0.75mm | 0.0295 | 2.15mm | 0.0846 | 4.30mm | 0.1693 | 6.90mm | 0.2717 | 10.20mm | 0.4016 | 19.00mm | 0.7480 |
| 68 | 0.0310 | 44 | 0.0860 | 18 | 0.1695 | I | 0.2720 | Y | 0.4040 | 3/4 | 0.7500 |
| 1/32 | 0.0312 | 2.20mm | 0.0866 | 11/64 | 0.1719 | 7.00mm | 0.2756 | 13/32 | 0.4062 | 49/64 | 0.7656 |
| 0.80mm | 0.0315 | 2.25mm | 0.0886 | 17 | 0.1730 | J | 0.2770 | Z | 0.4130 | 19.50mm | 0.7677 |
| 67 | 0.0320 | 43 | 0.0890 | 4.40mm | 0.1732 | 7.10mm | 0.2795 | 10.50mm | 0.4134 | 25/32 | 0.7812 |
| 66 | 0.0330 | 2.30mm | 0.0906 | 16 | 0.1770 | K | 0.2810 | 27/64 | 0.4219 | 20.00mm | 0.7874 |
| 0.85mm | 0.0335 | 2.35mm | 0.0925 | 4.50mm | 0.1772 | 9/32 | 0.2812 | 10.80mm | 0.4252 | 51/64 | 0.7969 |
| 65 | 0.0350 | 42 | 0.0935 | 15 | 0.1800 | 7.20mm | 0.2835 | 11.00mm | 0.4331 | 20.50mm | 0.8071 |
| 0.90mm | 0.0354 | 3/32 | 0.0938 | 4.60mm | 0.1811 | 7.30mm | 0.2874 | 7/16 | 0.4375 | 13/16 | 0.8125 |
| 64 | 0.0360 | 2.40mm | 0.0945 | 14 | 0.1820 | L | 0.2900 | 11.20mm | 0.4409 | 21.00mm | 0.8268 |
| 63 | 0.0370 | 41 | 0.0960 | 4.70mm, 13 | 0.1850 | 7.40mm | 0.2913 | 11.50mm | 0.4528 | 53/64 | 0.8281 |
| 0.95mm | 0.0374 | 2.45mm | 0.0965 | 3/16 | 0.1875 | M | 0.2950 | 29/64 | 0.4531 | 27/32 | 0.8438 |
| 62 | 0.0380 | 40 | 0.0980 | 4.80mm, 12 | 0.1890 | 7.50mm | 0.2953 | 11.80mm | 0.4646 | 21.50mm | 0.8465 |
| 61 | 0.0390 | 2.50mm | 0.0984 | 11 | 0.1910 | 19/64 | 0.2969 | 15/32 | 0.4688 | 55/64 | 0.8594 |
| 1.00mm | 0.0394 | 39 | 0.0995 | 4.90mm | 0.1929 | 7.60mm | 0.2992 | 12.00mm | 0.4724 | 22.00mm | 0.8661 |
| 60 | 0.0400 | 38 | 0.1015 | 10 | 0.1935 | N | 0.3020 | 12.20mm | 0.4803 | 7/8 | 0.8750 |
| 59 | 0.0410 | 2.60mm | 0.1024 | 9 | 0.1960 | 7.70mm | 0.3031 | 31/64 | 0.4844 | 22.50mm | 0.8858 |
| 1.05mm | 0.0413 | 37 | 0.1040 | 5.00mm | 0.1969 | 7.80mm | 0.3071 | 12.50mm | 0.4921 | 54/64 | 0.8906 |
| 58 | 0.0420 | 2.70mm | 0.1063 | 8 | 0.1990 | 7.90mm | 0.3110 | 1/2 | 0.5000 | 23.00mm | 0.9055 |
| 57 | 0.0430 | 36 | 0.1065 | 5.10mm | 0.2008 | 5/16 | 0.3125 | 12.80mm | 0.5039 | 29/32 | 0.9062 |
| 1.10mm | 0.0433 | 7/64 | 0.1094 | 7 | 0.2010 | 8.00mm | 0.3150 | 13.00mm | 0.5118 | 59/64 | 0.9219 |
| 1.15mm | 0.0453 | 35 | 0.1100 | 13/64 | 0.2031 | O | 0.3160 | 33/64 | 0.5156 | 23.50mm | 0.9252 |
| 56 | 0.0465 | 2.80mm | 0.1102 | 6 | 0.2040 | 8.10mm | 0.3189 | 13.20mm | 0.5197 | 15/16 | 0.9375 |
| 3/64 | 0.0469 | 34 | 0.1110 | 5.20mm | 0.2047 | 8.20mm | 0.3228 | 17/32 | 0.5312 | 24.00mm | 0.9449 |
| 1.20mm | 0.0472 | 33 | 0.1130 | 5 | 0.2055 | P | 0.3230 | 13.50mm | 0.5315 | 61/64 | 0.9531 |
| 1.25mm | 0.0492 | 2.90mm | 0.1142 | 5.30mm | 0.2087 | 8.30mm | 0.3268 | 13.80mm | 0.5433 | 24.50mm | 0.9646 |
| 1.30mm | 0.0512 | 32 | 0.1160 | 4 | 0.2090 | 21/64 | 0.3281 | 35/64 | 0.5469 | 31/32 | 0.9688 |
| 55 | 0.0520 | 3.00mm | 0.1181 | 5.40mm | 0.2126 | 8.40mm | 0.3307 | 14.00mm | 0.5512 | 25.00mm | 0.9843 |
| 1.35mm | 0.0531 | 31 | 0.1200 | 3 | 0.2130 | Q | 0.3320 | 14.25mm | 0.5610 | 63/64 | 0.9844 |
| | | | | | | | | | | 1" | 1.0000 |

*The information provided here is for general use only, and may not cover all specific cases or applications.