

## Decimal Equivalents - drill sizes and popular tap drill sizes (approx. 75% of thread)

| Drill Size | mm   | Decimal Equiv. | Tap Size    | Drill Size | mm   | Decimal Equiv. | Tap Size    | Drill Size | mm    | Decimal Equiv. | Tap Size   |
|------------|------|----------------|-------------|------------|------|----------------|-------------|------------|-------|----------------|------------|
| -          | 0.10 | 0.0039         |             | 3/32       | 2.38 | 0.0938         |             | Q          | 8.43  | 0.3320         | 3/8-24     |
| 97         | 0.15 | 0.0059         |             | 41         | 2.44 | 0.0960         |             | R          | 8.50  | 0.3346         | M10 x 1.5  |
| 96         | 0.16 | 0.0063         |             | 40         | 2.50 | 0.0980         | M3 x 0.5    |            | 8.61  | 0.3390         | 1/8-27 NPT |
| 95         | 0.17 | 0.0067         |             | 39         | 2.53 | 0.0995         |             | 11/32      | 8.73  | 0.3438         |            |
| 94         | 0.18 | 0.0071         |             | 38         | 2.58 | 0.1015         | #5-40       |            | 8.75  | 0.3445         | M10 x 1.25 |
| 93         | 0.19 | 0.0075         |             | 37         | 2.64 | 0.1040         | #5-44       | S          | 8.84  | 0.3480         | 1/8-27 NPS |
| 92         | 0.20 | 0.0079         |             | 36         | 2.71 | 0.1065         | #6-32       |            | 9.00  | 0.3543         | M10 x 1.0  |
| 91         | 0.21 | 0.0083         |             | 7/64       | 2.78 | 0.1094         |             | T          | 9.09  | 0.3580         |            |
| 90         | 0.22 | 0.0087         |             | 35         | 2.79 | 0.1100         |             | 23/64      | 9.13  | 0.3594         |            |
| 89         | 0.23 | 0.0091         |             | 34         | 2.82 | 0.1110         |             | U          | 9.35  | 0.3680         | 7/16-14    |
| 88         | 0.24 | 0.0095         |             | 33         | 2.87 | 0.1130         | #6-40       |            | 9.50  | 0.3740         | M11 x 1.5  |
| -          | 0.25 | 0.0098         |             |            | 2.90 | 0.1142         | M3.5 x 0.6  | 3/8        | 9.53  | 0.3750         |            |
| 87         | 0.25 | 0.0100         |             | 32         | 2.95 | 0.1160         |             | V          | 9.56  | 0.3770         |            |
| -          | 0.26 | 0.0102         |             | -          | 3.00 | 0.1181         |             | W          | 9.80  | 0.3860         |            |
| 86         | 0.27 | 0.0105         |             | 31         | 3.05 | 0.1200         |             | 25/64      | 9.92  | 0.3906         | 7/16-20    |
| -          | 0.27 | 0.0106         |             | 1/8        | 3.18 | 0.1250         |             | -          | 10.00 | 0.3937         | M12 x 1.75 |
| 85         | 0.28 | 0.0110         |             | 30         | 3.26 | 0.1285         |             | X          | 10.08 | 0.3970         |            |
| -          | 0.29 | 0.0114         |             |            | 3.30 | 0.1299         | M4 x 0.7    | Y          | 10.26 | 0.4040         |            |
| 84         | 0.29 | 0.0115         |             | 29         | 3.45 | 0.1360         | #8-32       | 13/32      | 10.32 | 0.4062         |            |
| -          | 0.30 | 0.0118         |             |            | 3.50 | 0.1378         |             | Z          | 10.49 | 0.4130         |            |
| 83         | 0.30 | 0.0120         |             | 28         | 3.57 | 0.1405         |             |            | 10.50 | 0.4134         | M12 x 1.25 |
| 82         | 0.32 | 0.0125         |             | 9/64       | 3.57 | 0.1406         |             | 27/64      | 10.72 | 0.4219         | 1/2-13     |
| -          | 0.32 | 0.0126         |             | 27         | 3.66 | 0.1440         |             | -          | 11.00 | 0.4331         |            |
| 81         | 0.33 | 0.0130         |             | 26         | 3.73 | 0.1470         |             | 7/16       | 11.11 | 0.4375         | 1/4-18 NPT |
| 80         | 0.34 | 0.0135         |             |            | 3.75 | 0.1476         | M4.5 x 0.75 |            | 11.50 | 0.4528         |            |
| 79         | 0.37 | 0.0145         |             | 25         | 3.80 | 0.1495         | #10-24      | 29/64      | 11.51 | 0.4531         | 1/2-20     |
| 1/64       | 0.40 | 0.0156         |             | 24         | 3.86 | 0.1520         |             | 15/32      | 11.91 | 0.4688         |            |
| 78         | 0.41 | 0.0160         |             | 23         | 3.91 | 0.1540         |             | -          | 12.00 | 0.4724         | M14 x 2.0  |
| 77         | 0.46 | 0.0180         |             | 5/32       | 3.97 | 0.1562         |             | 31/64      | 12.30 | 0.4844         | 9/16-12    |
| -          | 0.50 | 0.0197         |             | 22         | 3.99 | 0.1570         |             |            | 12.50 | 0.4921         | M14 x 1.5  |
| 76         | 0.51 | 0.0200         |             | -          | 4.00 | 0.1575         |             | 1/2        | 12.70 | 0.5000         |            |
| 75         | 0.53 | 0.0210         |             | 21         | 4.04 | 0.1590         | #10-32      | -          | 13.00 | 0.5118         | M14 x 1.25 |
| 74         | 0.57 | 0.0225         |             | 20         | 4.09 | 0.1610         |             | 33/64      | 13.10 | 0.5156         | 9/16-18    |
| -          | 0.60 | 0.0236         |             |            | 4.20 | 0.1654         | M5 x 0.8    | 17/32      | 13.49 | 0.5312         | 5/8-11     |
| 73         | 0.61 | 0.0240         |             | 19         | 4.22 | 0.1660         |             |            | 13.50 | 0.5315         |            |
| 72         | 0.64 | 0.0250         |             | 18         | 4.31 | 0.1695         |             | 35/64      | 13.89 | 0.5469         |            |
| 71         | 0.66 | 0.0260         |             | 11/64      | 4.37 | 0.1719         |             | -          | 14.00 | 0.5512         | M16-2      |
| -          | 0.70 | 0.0276         |             | 17         | 4.39 | 0.1730         |             | 9/16       | 14.29 | 0.5625         |            |
| 70         | 0.71 | 0.0280         |             | 16         | 4.50 | 0.1770         | #12-24      |            | 14.50 | 0.5709         | M16 x 1.5  |
| 69         | 0.74 | 0.0292         |             | 15         | 4.57 | 0.1800         |             | 37/64      | 14.68 | 0.5781         | 5/16-18    |
| -          | 0.75 | 0.0295         |             | 14         | 4.62 | 0.1820         | #12-28      | -          | 15.00 | 0.5906         |            |
| 68         | 0.79 | 0.0310         |             | 13         | 4.70 | 0.1850         |             | 19/32      | 15.08 | 0.5938         | 3/8-18 NPS |
| 1/32       | 0.79 | 0.0313         |             | 3/16       | 4.76 | 0.1875         |             | 39/64      | 15.48 | 0.6094         |            |
| -          | 0.80 | 0.0315         |             | 12         | 4.80 | 0.1890         |             |            | 15.50 | 0.6102         | M18 x 2.5  |
| 67         | 0.81 | 0.0320         |             | 11         | 4.85 | 0.1910         |             | 5/8        | 15.88 | 0.6250         |            |
| 66         | 0.84 | 0.0330         |             | 10         | 4.91 | 0.1935         |             | -          | 16.00 | 0.6299         | M18 x 2.0  |
| 65         | 0.89 | 0.0350         |             | 9          | 4.98 | 0.1960         |             | 41/64      | 16.27 | 0.6406         |            |
| -          | 0.90 | 0.0354         |             | -          | 5.00 | 0.1968         | M6 x 1.0    |            | 16.50 | 0.6496         |            |
| 64         | 0.91 | 0.0360         |             | 8          | 5.05 | 0.1990         |             | 21/32      | 16.67 | 0.6562         | 3/4-10     |
| 63         | 0.94 | 0.0370         |             | 7          | 5.11 | 0.2010         | 1/4-20      | -          | 17.00 | 0.6693         |            |
| 62         | 0.97 | 0.0380         |             | 13/64      | 5.16 | 0.2031         |             | 43/64      | 17.07 | 0.6719         |            |
| 61         | 0.99 | 0.0390         |             | 6          | 5.18 | 0.2040         |             | 11/16      | 17.46 | 0.6875         | 3/4-16     |
| -          | 1.00 | 0.0394         |             | 5          | 5.22 | 0.2055         |             |            | 17.50 | 0.6890         | M20 x 2.5  |
| 60         | 1.02 | 0.0400         |             |            | 5.25 | 0.2067         | M6 x 0.75   | 45/64      | 17.86 | 0.7031         |            |
| 59         | 1.04 | 0.0410         |             | 4          | 5.31 | 0.2090         | 1/4-24      | -          | 18.00 | 0.7087         | M20 x 2.0  |
| 58         | 1.07 | 0.0420         |             | 3          | 5.41 | 0.2130         | 1/4-28      | 23/32      | 18.26 | 0.7188         | 1/2-14 NPT |
| 57         | 1.09 | 0.0430         |             |            | 5.50 | 0.2165         |             |            | 18.50 | 0.7283         | M20 x 1.5  |
| 56         | 1.18 | 0.0465         |             | 7/32       | 5.56 | 0.2188         |             | 47/64      | 18.65 | 0.7344         | 1/2-14 NPS |
| 3/64       | 1.19 | 0.0469         | #0-80       | 2          | 5.61 | 0.2210         |             | -          | 19.00 | 0.7480         |            |
| -          | 1.20 | 0.0472         |             | 1          | 5.79 | 0.2280         |             | 3/4        | 19.05 | 0.7500         |            |
| -          | 1.25 | 0.0492         | M1.6 x 0.35 | A          | 5.94 | 0.2340         |             | 49/64      | 19.45 | 0.7656         | 7/8-9      |
| -          | 1.30 | 0.0512         |             | 15/64      | 5.95 | 0.2344         |             |            | 19.50 | 0.7677         | M22 x 2.5  |
| 55         | 1.32 | 0.0520         |             | -          | 6.00 | 0.2362         | M7 x 1      | 25/32      | 19.84 | 0.7812         |            |
| 54         | 1.40 | 0.0550         |             | B          | 6.05 | 0.2380         |             | -          | 20.00 | 0.7874         | M22 x 2.0  |
| -          | 1.45 | 0.0571         | M1.8 x 0.35 | C          | 6.15 | 0.2420         |             | 51/64      | 20.24 | 0.7969         |            |
| -          | 1.50 | 0.0591         |             | D          | 6.25 | 0.2460         | 1/16-27 NPT |            | 20.50 | 0.8071         | M22 x 1.5  |
| 53         | 1.51 | 0.0595         | #1-64       | 1/4        | 6.35 | 0.2500         | 1/16-27 NPS | 13/16      | 20.64 | 0.8125         | 7/8-14     |
| -          | 1.55 | 0.0610         |             | E          | 6.35 | 0.2500         |             | -          | 21.00 | 0.8268         | M24 x 3.0  |
| 1/16       | 1.59 | 0.0625         |             |            | 6.50 | 0.2559         |             | 53/64      | 21.03 | 0.8281         |            |
| -          | 1.60 | 0.0630         | M2 x 0.4    | F          | 6.53 | 0.2570         |             | 27/32      | 21.43 | 0.8438         |            |
| 52         | 1.61 | 0.0635         |             | G          | 6.63 | 0.2610         | 5/16-18     |            | 21.50 | 0.8465         |            |
| -          | 1.65 | 0.0650         |             | 17/64      | 6.75 | 0.2656         |             | 55/64      | 21.84 | 0.8594         |            |
| 51         | 1.70 | 0.0670         | #2-56       |            | 6.75 | 0.2657         | M8 x 1.25   | -          | 22.00 | 0.8661         | M24 x 2.0  |
| -          | 1.75 | 0.0689         | M2.2 x 0.45 | H          | 6.76 | 0.2660         |             | 7/8        | 22.23 | 0.8750         | 1-8        |
| 50         | 1.78 | 0.0700         | #2-64       | I          | 6.91 | 0.2720         | 5/16-24     |            | 22.50 | 0.8858         | M24 x 1.5  |
| -          | 1.80 | 0.0709         |             | -          | 7.00 | 0.2756         | M8 x 1.0    | 57/64      | 22.62 | 0.8906         |            |
| 49         | 1.85 | 0.0730         |             | J          | 7.04 | 0.2772         |             | -          | 23.00 | 0.9055         |            |
| -          | 1.90 | 0.0748         | M2.3 x 0.4  | K          | 7.14 | 0.2810         |             | 29/32      | 23.02 | 0.9062         |            |
| 48         | 1.93 | 0.0760         |             | 9/32       | 7.14 | 0.2812         |             | 59/64      | 23.42 | 0.9219         | 3/4-14 NPT |
| -          | 1.95 | 0.0768         |             | L          | 7.37 | 0.2900         |             |            | 23.50 | 0.9252         |            |
| 5/64       | 1.98 | 0.0781         |             | M          | 7.49 | 0.2949         |             | 15/16      | 23.81 | 0.9375         | 1-14       |
| 47         | 1.99 | 0.0785         | #3-48       |            | 7.50 | 0.2953         |             | -          | 24.00 | 0.9449         | M27 x 3.0  |
| -          | 2.00 | 0.0787         |             | 19/64      | 7.54 | 0.2969         |             | 61/64      | 24.21 | 0.9531         |            |
| -          | 2.05 | 0.0807         | M2.5 x 0.45 | N          | 7.67 | 0.3020         |             |            | 24.50 | 0.9646         |            |
| 46         | 2.06 | 0.0810         |             |            | 7.75 | 0.3051         | M9 x 1.25   | 31/32      | 24.61 | 0.9688         |            |
| 45         | 2.08 | 0.0820         | #3-56       | 5/16       | 7.94 | 0.3125         | 3/8-16      | -          | 25.00 | 0.9843         | M27 x 2.0  |
| -          | 2.15 | 0.0846         | M2.6 x 0.45 | -          | 8.00 | 0.3150         |             | 63/64      | 25.00 | 0.9844         | 1-1/8 -7   |
| 44         | 2.18 | 0.0860         | #4-36       | O          | 8.03 | 0.3160         |             | 1          | 25.40 | 1.0000         |            |
| 43         | 2.26 | 0.0890         | #4-40       | P          | 8.20 | 0.3230         |             |            |       |                |            |
| 42         | 2.37 | 0.0935         | #4-48       | 21/64      | 8.33 | 0.3281         |             |            |       |                |            |