# M1.6 Tap Drill Chart

Metric coarse (ISO) · 0.35 mm pitch · ISO 261 / ISO 68-1

TAP DRILL (77% THREAD)

**1.25 mm** = 0.0492 in = 1.25 mm

## Drills for M1.6 (50–85% thread)

| DRILL | INCH | MM | % THREAD | |
|---|---|---|---|---|
| 1.35 mm | 0.0531 | 1.35 | 55% | |
| 1.3 mm | 0.0512 | 1.30 | 66% | |
| 1.25 mm | 0.0492 | 1.25 | 77% | Recommended |

## Clearance hole (bolt passes through)

| FIT | DRILL | INCH | MM |
|---|---|---|---|
| Close | 1.7 mm | 0.0669 | 1.70 |
| Normal | 1.8 mm | 0.0709 | 1.80 |
| Loose | 2 mm | 0.0787 | 2.00 |

## Thread dimensions (basic)

| DIMENSION | INCH | MM |
|---|---|---|
| Major diameter (basic) | 0.0630 | 1.60 |
| Pitch diameter (basic) | 0.0540 | 1.37 |
| Minor diameter, internal (basic) | 0.0481 | 1.22 |
| Pitch | 0.0138 | 0.35 |

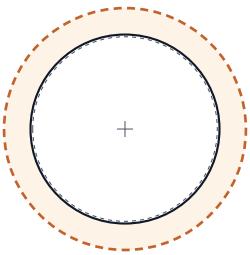
## Actual size

Print at 100% scale ("Actual size", not "Fit to page"). Check with the rulers below.

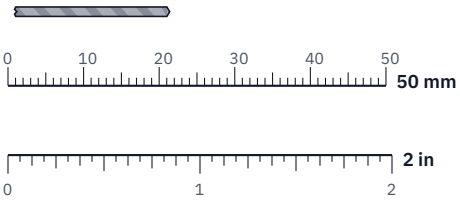


Dashed copper circle: thread major diameter; solid: tap drill hole; dotted: basic minor diameter.

**Enlarged 20x:**



**Tap drill, actual size (1.25 mm):**




Scan for the interactive version:

**whatsizeis.com/tap-drill/m1-6/**

Values from the ASME B1.1, ISO 261/68-1 and ASME B1.20.1 thread formulas; drill sizes per ASME B94.11M; clearance holes per ISO 273. Method: whatsizeis.com/how-we-calculate/