

TAP DRILL SIZE CHART

Common starting references for cutting standard internal threads. Confirm with the tap manufacturer.

Thread	Tap Drill	Decimal
#4-40 UNC	#43	.0890
#6-32 UNC	#36	.1065
#8-32 UNC	#29	.1360
#10-24 UNC	#25	.1495
#10-32 UNF	#21	.1590
1/4-20 UNC	#7	.2010
1/4-28 UNF	#3	.2130
5/16-18 UNC	F	.2570
5/16-24 UNF	I	.2720
3/8-16 UNC	5/16	.3125
3/8-24 UNF	Q	.3320
7/16-14 UNC	U	.3680
7/16-20 UNF	25/64	.3906
1/2-13 UNC	27/64	.4219
1/2-20 UNF	29/64	.4531
9/16-12 UNC	31/64	.4844
5/8-11 UNC	17/32	.5313
5/8-18 UNF	37/64	.5781
3/4-10 UNC	21/32	.6563
3/4-16 UNF	11/16	.6875

COMMON METRIC COARSE STARTING SIZES

M3 × 0.5

2.5 mm

M4 × 0.7

3.3 mm

M5 × 0.8

4.2 mm

M6 × 1.0

5.0 mm

M8 × 1.25

6.8 mm

M10 × 1.5

8.5 mm

M12 × 1.75

10.2 mm

Reference only. Verify the required drill size and follow the relevant tool, fastener, tap, and manufacturer instructions before drilling.

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Cutting taps and thread-forming taps can require different hole sizes. Verify the exact tap chart before drilling.