11/16-24 Tap Drill Chart

Unified National Extra Fine (UNEF) · 24 threads per inch · ASME B1.1

TAP DRILL (87% THREAD)

41/64" = 0.6406 in = 16.27 mm

Drills for 11/16-24 (50–85% thread)

DRILL	INCH	MM	% THREAD	
21/32"	0.6563	16.67	58%	
41/64"	0.6406	16.27	87%	Recommended

Clearance hole (bolt passes through)

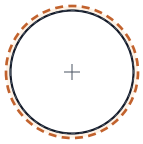
FIT	DRILL	INCH	MM
Close	47/64"	0.7344	18.65
Normal	49/64"	0.7656	19.45
Loose	13/16"	0.8125	20.64

Thread dimensions (basic)

DIMENSION	INCH	MM
Major diameter (basic)	0.6875	17.46
Pitch diameter (basic)	0.6604	16.78
Minor diameter, internal (basic)	0.6424	16.32
Pitch (1/24 in)	0.0417	1.06

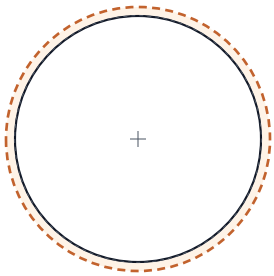
Actual size

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

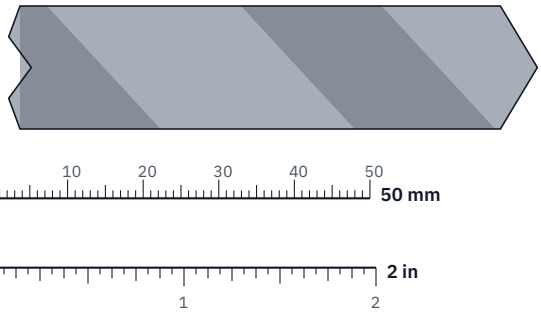


Dashed copper circle: thread major diameter; solid: tap drill hole; dotted: basic minor diameter.

Enlarged 2x:



Tap drill, actual size (16.27 mm):



Scan for the interactive version:

whatsizeis.com/tap-drill/11-16-24/

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/