M16 Tap Drill Chart

Metric coarse (ISO) · 2 mm pitch · ISO 261 / ISO 68-1

TAP DRILL (77% THREAD)

14 mm = 0.5512 in = 14.00 mm

Drills for M16 (50–85% thread)

DRILL	INCH	MM	% THREAD	
14.5 mm	0.5709	14.50	58%	
14 mm	0.5512	14.00	77%	Recommended
13.9 mm	0.5472	13.90	81%	
13.8 mm	0.5433	13.80	85%	

Clearance hole (bolt passes through)

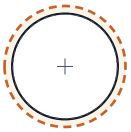
FIT	DRILL	INCH	MM
Close	17 mm	0.6693	17.00
Normal	17.5 mm	0.6890	17.50
Loose	18.5 mm	0.7283	18.50

Thread dimensions (basic)

DIMENSION	INCH	MM
Major diameter (basic)	0.6299	16.00
Pitch diameter (basic)	0.5788	14.70
Minor diameter, internal (basic)	0.5447	13.83
Pitch	0.0787	2.00

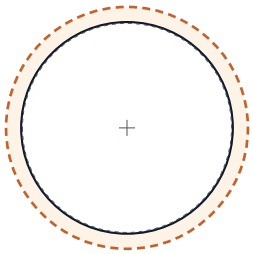
Actual size

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

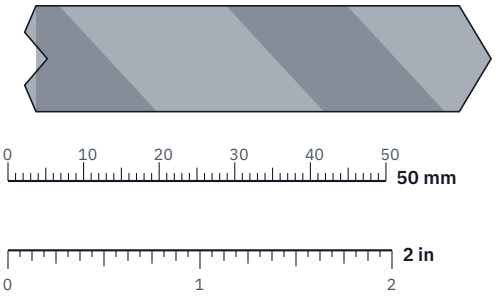


Dashed copper circle: thread major diameter; solid: tap drill hole; dotted: basic minor diameter.

Enlarged 2x:



Tap drill, actual size (14.00 mm):



Scan for the interactive version:

whatsizeis.com/tap-drill/m16/

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/