M14 Tap Drill Chart

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

TAP DRILL (77% THREAD)

12 mm = 0.4724 in = 12.00 mm

Drills for M14 (50–85% thread)

DRILL	INCH	MM	% THREAD	
12.7 mm	0.5000	12.70	50%	
12.6 mm	0.4961	12.60	54%	
12.5 mm	0.4921	12.50	58%	
12.4 mm	0.4882	12.40	62%	
12.3 mm	0.4843	12.30	65%	
12.2 mm	0.4803	12.20	69%	
12.1 mm	0.4764	12.10	73%	
12 mm	0.4724	12.00	77%	Recommended
11.9 mm	0.4685	11.90	81%	
11.8 mm	0.4646	11.80	85%	

Clearance hole (bolt passes through)

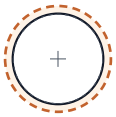
FIT	DRILL	INCH	MM
Close	15 mm	0.5906	15.00
Normal	15.5 mm	0.6102	15.50
Loose	16.5 mm	0.6496	16.50

Thread dimensions (basic)

DIMENSION	INCH	MM
Major diameter (basic)	0.5512	14.00
Pitch diameter (basic)	0.5000	12.70
Minor diameter, internal (basic)	0.4659	11.83
Pitch	0.0787	2.00

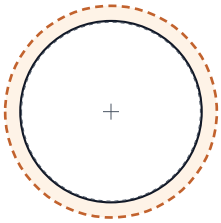
Actual size

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 (12.00 mm):







Scan for the interactive version:

whatsizeis.com/tap-drill/m14/

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/