M14x1.5 Tap Drill Chart

Metric fine (ISO) · 1.5 mm pitch · ISO 261 / ISO 68-1

TAP DRILL (77% THREAD)

12.5 mm = 0.4921 in = 12.50 mm

Drills for M14x1.5 (50–85% thread)

DRILL	INCH	MM	% THREAD	
13 mm	0.5118	13.00	51%	
12.9 mm	0.5079	12.90	56%	
12.8 mm	0.5039	12.80	62%	
12.7 mm	0.5000	12.70	67%	
12.6 mm	0.4961	12.60	72%	
12.5 mm	0.4921	12.50	77%	Recommended
12.4 mm	0.4882	12.40	82%	

Clearance hole (bolt passes through)

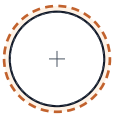
FIT	DRILL	INCH	MM
Close	15 mm	0.5906	15.00
Normal	15.5 mm	0.6102	15.50
Loose	16.5 mm	0.6496	16.50

Thread dimensions (basic)

DIMENSION	INCH	MM
Major diameter (basic)	0.5512	14.00
Pitch diameter (basic)	0.5128	13.03
Minor diameter, internal (basic)	0.4873	12.38
Pitch	0.0591	1.50

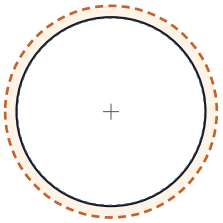
Actual size

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



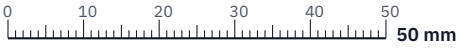
Dashed copper circle: thread major diameter; solid: tap drill hole; dotted: basic minor diameter.

Enlarged 2x:



Tap drill, actual size (12.50 mm):







Scan for the interactive version:

whatsizeis.com/tap-drill/m14x1-5/

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/