M48 Tap Drill Chart

Metric coarse (ISO) · 5 mm pitch · ISO 261 / ISO 68-1

TAP DRILL (77% THREAD)

43 mm = 1.6929 in = 43.00 mm

Drills for M48 (50–85% thread)

DRILL	INCH	MM	% THREAD	
44.5 mm	1.7520	44.50	54%	
44 mm	1.7323	44.00	62%	
43.5 mm	1.7126	43.50	69%	
43 mm	1.6929	43.00	77%	Recommended
42.5 mm	1.6732	42.50	85%	

Clearance hole (bolt passes through)

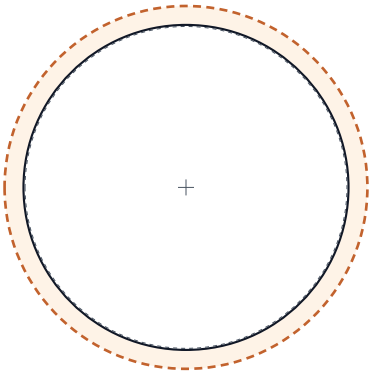
FIT	DRILL	INCH	MM
Close	50 mm	1.9685	50.00
Normal	52 mm	2.0472	52.00
Loose	56 mm	2.2047	56.00

Thread dimensions (basic)

DIMENSION	INCH	MM
Major diameter (basic)	1.8898	48.00
Pitch diameter (basic)	1.7619	44.75
Minor diameter, internal (basic)	1.6767	42.59
Pitch	0.1969	5.00

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.





Scan for the interactive version:

whatsizeis.com/tap-drill/m48/

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/