M30x1.5 Tap Drill Chart

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

TAP DRILL (77% THREAD)

28.5 mm = 1.1220 in = 28.50 mm

Drills for M30x1.5 (50–85% thread)

DRILL	INCH	MM	% THREAD	
29 mm	1.1417	29.00	51%	
28.5 mm	1.1220	28.50	77%	Recommended

Clearance hole (bolt passes through)

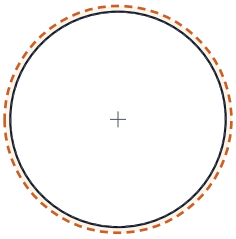
FIT	DRILL	INCH	MM
Close	31 mm	1.2205	31.00
Normal	33 mm	1.2992	33.00
Loose	35 mm	1.3780	35.00

Thread dimensions (basic)

DIMENSION	INCH	MM
Major diameter (basic)	1.1811	30.00
Pitch diameter (basic)	1.1427	29.03
Minor diameter, internal (basic)	1.1172	28.38
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.





Scan for the interactive version:

whatsizeis.com/tap-drill/m30x1-5/

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/