M30 Tap Drill Chart

Metric coarse (ISO) · 3.5 mm pitch · ISO 261 / ISO 68-1

TAP DRILL (77% THREAD)

26.5 mm = 1.0433 in = 26.50 mm

Drills for M30 (50–85% thread)

DRILL	INCH	MM	% THREAD	
27.5 mm	1.0827	27.50	55%	
27 mm	1.0630	27.00	66%	
26.5 mm	1.0433	26.50	77%	Recommended

Clearance hole (bolt passes through)

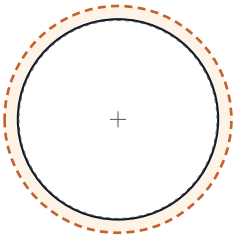
FIT	DRILL	INCH	MM
Close	31 mm	1.2205	31.00
Normal	33 mm	1.2992	33.00
Loose	35 mm	1.3780	35.00

Thread dimensions (basic)

DIMENSION	INCH	MM
Major diameter (basic)	1.1811	30.00
Pitch diameter (basic)	1.0916	27.73
Minor diameter, internal (basic)	1.0319	26.21
Pitch	0.1378	3.50

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/m30/

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/