M33x2 Tap Drill Chart

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

TAP DRILL (77% THREAD)

31 mm = 1.2205 in = 31.00 mm

Drills for M33x2 (50–85% thread)

DRILL	INCH	MM	% THREAD	
31.5 mm	1.2402	31.50	58%	
31 mm	1.2205	31.00	77%	Recommended

Clearance hole (bolt passes through)

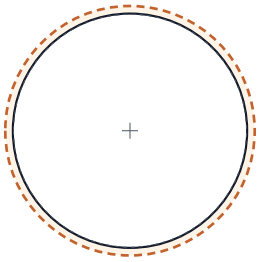
FIT	DRILL	INCH	MM
Close	34 mm	1.3386	34.00
Normal	36 mm	1.4173	36.00
Loose	38 mm	1.4961	38.00

Thread dimensions (basic)

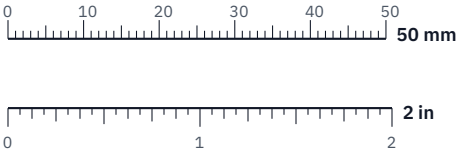
DIMENSION	INCH	MM
Major diameter (basic)	1.2992	33.00
Pitch diameter (basic)	1.2481	31.70
Minor diameter, internal (basic)	1.2140	30.83
Pitch	0.0787	2.00

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.



Scan for the interactive version:

whatsizeis.com/tap-drill/m33x2/

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/