#50 Drill Size

Number (wire gauge) drill · decimal inch and millimetre equivalents

DIAMETER

#50 = 0.0700 in = 1.78 mm

Closest sizes in other systems

SYSTEM	DRILL	INCH	DIFFERENCE
Fractional drill	1/16"	0.0625	−0.0075 in
Metric drill	1.8 mm	0.0709	+0.0009 in

Nearby drill sizes

DRILL	TYPE	INCH	MM
1.5 mm	metric	0.0591	1.50
#53	number	0.0595	1.51
1/16"	fractional	0.0625	1.59
1.6 mm	metric	0.0630	1.60
#52	number	0.0635	1.61
#51	number	0.0670	1.70
#50	number	0.0700	1.78
#49	number	0.0730	1.85
#48	number	0.0760	1.93
5/64"	fractional	0.0781	1.98
#47	number	0.0785	1.99
2 mm	metric	0.0787	2.00
2.05 mm	metric	0.0807	2.05

Used for

THREAD / SCREW	USE
2-56 UNC	Tap drill (69% thread)
2-64 UNF	Tap drill (79% thread)
#0	Clearance hole, normal fit

Actual size

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



End view, 1.78 mm

Enlarged 4x (not to actual size):







Scan for the interactive version:

whatsizeis.com/drill/number-50/

Number and letter drill diameters per ASME B94.11M; 1 in = 25.4 mm exactly. Method: whatsizeis.com/how-we-calculate/