#33 Drill Size

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

DIAMETER

#33 = 0.1130 in = 2.87 mm

Closest sizes in other systems

SYSTEM	DRILL	INCH	DIFFERENCE
Fractional drill	7/64"	0.1094	−0.0036 in
Metric drill	2.9 mm	0.1142	+0.0012 in

Nearby drill sizes

DRILL	TYPE	INCH	MM
#38	number	0.1015	2.58
#37	number	0.1040	2.64
#36	number	0.1065	2.71
7/64"	fractional	0.1094	2.78
#35	number	0.1100	2.79
#34	number	0.1110	2.82
#33	number	0.1130	2.87
2.9 mm	metric	0.1142	2.90
#32	number	0.1160	2.95
3 mm	metric	0.1181	3.00
#31	number	0.1200	3.05
1/8"	fractional	0.1250	3.18
#30	number	0.1285	3.26

Used for

THREAD / SCREW	USE
6-40 UNF	Tap drill (77% thread)

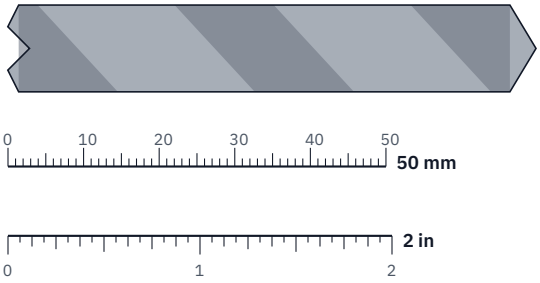
Actual size

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





Enlarged 4x (not to actual size):



Scan for the interactive version:

whatsizeis.com/drill/number-33/

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