

DRILL BIT DECIMAL EQUIVALENT CHART

Compare selected fractional, number, letter, and metric drill sizes by actual diameter.

SIZE	TYPE	DECIMAL	SIZE	TYPE	DECIMAL	SIZE	TYPE	DECIMAL
#80	Number	0.0135	1/64	Fraction	0.0156	#70	Number	0.0280
1/32	Fraction	0.0312	1 mm	Metric	0.0394	#60	Number	0.0400
3/64	Fraction	0.0469	#55	Number	0.0520	1.5 mm	Metric	0.0591
1/16	Fraction	0.0625	#50	Number	0.0700	5/64	Fraction	0.0781
2 mm	Metric	0.0787	#45	Number	0.0820	3/32	Fraction	0.0938
#40	Number	0.0980	2.5 mm	Metric	0.0984	#36	Number	0.1065
7/64	Fraction	0.1094	3 mm	Metric	0.1181	1/8	Fraction	0.1250
#30	Number	0.1285	#29	Number	0.1360	3.5 mm	Metric	0.1378
9/64	Fraction	0.1406	#25	Number	0.1495	5/32	Fraction	0.1562
4 mm	Metric	0.1575	#21	Number	0.1590	11/64	Fraction	0.1719
#16	Number	0.1770	4.5 mm	Metric	0.1772	3/16	Fraction	0.1875
#10	Number	0.1935	5 mm	Metric	0.1969	#7	Number	0.2010
13/64	Fraction	0.2031	#3	Number	0.2130	5.5 mm	Metric	0.2165
7/32	Fraction	0.2188	#1	Number	0.2280	A	Letter	0.2340
15/64	Fraction	0.2344	6 mm	Metric	0.2362	D	Letter	0.2460
1/4	Fraction	0.2500	6.5 mm	Metric	0.2559	F	Letter	0.2570
17/64	Fraction	0.2656	H	Letter	0.2660	7 mm	Metric	0.2756
J	Letter	0.2770	9/32	Fraction	0.2812	L	Letter	0.2900
19/64	Fraction	0.2969	N	Letter	0.3020	5/16	Fraction	0.3125
8 mm	Metric	0.3150	P	Letter	0.3230	21/64	Fraction	0.3281

Compare by decimal diameter. Use the specified bit when fit, strength, or safety matters.

Reference only. Verify the required drill size and follow the relevant tool, fastener, tap, and manufacturer instructions before drilling.

Metric, number, letter, and fractional drills often fall close together without being exact equivalents.