

Drill Bit Size Decimal Equivalent Chart: Quick Reference Guide

This chart gives you a fast way to find the decimal equivalent for common drill bit sizes. Whether you're using fractional, number, or letter drill bits, this guide helps you understand their exact diameter in inches. It's a handy tool for anyone working on DIY projects, machining, or general repair where knowing the precise hole size is key to success.

TYPE ↕	SIZE ↕	DECIMAL EQUIVALENT (INCHES) ↕
Number	#80	0.0135
Number	#79	0.0145
Fractional	1/64	0.0156
Number	#78	0.0160
Number	#77	0.0180
Number	#76	0.0200
Number	#75	0.0210
Number	#74	0.0225
Number	#73	0.0240
Number	#72	0.0250
Number	#71	0.0260
Number	#70	0.0280
Number	#69	0.0292
Number	#68	0.0310
Fractional	1/32	0.03125
Number	#67	0.0320
Number	#66	0.0330
Number	#65	0.0350
Number	#64	0.0360
Number	#63	0.0370
Number	#62	0.0380
Number	#61	0.0390
Number	#60	0.0400
Number	#59	0.0410
Number	#58	0.0420
Number	#57	0.0430
Number	#56	0.0465
Fractional	3/64	0.0469
Number	#55	0.0520
Number	#54	0.0550
Number	#53	0.0595
Fractional	1/16	0.0625
Number	#52	0.0635

TYPE ↕	SIZE ↕	DECIMAL EQUIVALENT (INCHES) ↕
Number	#50	0.0700
Number	#49	0.0730
Number	#48	0.0760
Fractional	5/64	0.0781
Number	#47	0.0785
Number	#46	0.0810
Number	#45	0.0820
Number	#44	0.0860
Number	#43	0.0890
Number	#42	0.0935
Fractional	3/32	0.0938
Number	#41	0.0960
Number	#40	0.0980
Number	#39	0.0995
Number	#38	0.1015
Number	#37	0.1040
Number	#36	0.1065
Fractional	7/64	0.1094
Number	#35	0.1100
Number	#34	0.1110
Number	#33	0.1130
Number	#32	0.1160
Number	#31	0.1200
Fractional	1/8	0.1250
Number	#30	0.1285
Number	#29	0.1360
Number	#28	0.1405
Fractional	9/64	0.1406
Number	#27	0.1440
Number	#26	0.1470
Number	#25	0.1495
Number	#24	0.1520
Number	#23	0.1540
Fractional	5/32	0.15625
Number	#22	0.1570
Number	#21	0.1590
Number	#20	0.1610
Number	#19	0.1660

TYPE ↕	SIZE ↕	DECIMAL EQUIVALENT (INCHES) ↕
Fractional	11/64	0.1719
Number	#17	0.1730
Number	#16	0.1770
Number	#15	0.1800
Number	#14	0.1820
Number	#13	0.1850
Fractional	3/16	0.1875
Number	#12	0.1890
Number	#11	0.1910
Number	#10	0.1935
Number	#9	0.1960
Number	#8	0.1990

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