

Drill Bit Decimal Equivalency Chart

For exact decimal equivalent, multiply mm times .03937. For exact mm equivalent, multiply decimal times 25.4.

Fraction, Number or Letter Size	Metric Size	Decimal Equivalent (in.)	Decimal Equivalent (mm)	Fraction, Number or Letter Size	Metric Size	Decimal Equivalent (in.)	Decimal Equivalent (mm)
80		0.0135	0.343	58		0.0420	1.067
	0.35	0.0138	0.350	57		0.0430	1.092
79		0.0145	0.368		1.10	0.0433	1.100
	0.38	0.0150	0.380		1.15	0.0453	1.150
1/64		0.0156	0.396	56		0.0465	1.181
	0.40	0.0157	0.400	3/64		0.0469	1.191
78		0.0160	0.406		1.20	0.0472	1.200
	0.42	0.0165	0.420		1.25	0.0492	1.250
	0.45	0.0177	0.450		1.30	0.0512	1.300
77		0.0180	0.457	55		0.0520	1.321
	0.48	0.0189	0.480		1.35	0.0531	1.350
	0.50	0.0197	0.500	54		0.0550	1.397
76		0.0200	0.508		1.40	0.0551	1.400
75		0.0210	0.533		1.45	0.0571	1.450
	0.55	0.0217	0.550		1.50	0.0591	1.500
74		0.0225	0.572	53		0.0595	1.511
	0.60	0.0236	0.600		1.55	0.0610	1.550
73		0.0240	0.610	1/16		0.0625	1.588
72		0.0250	0.635		1.60	0.0630	1.600
	0.65	0.0256	0.650	52		0.0635	1.613
71		0.0260	0.660		1.65	0.0650	1.650
	0.70	0.0276	0.700		1.70	0.0669	1.700
70		0.0280	0.711	51		0.0670	1.702
69		0.0292	0.742		1.75	0.0689	1.750
	0.75	0.0295	0.750	50		0.0700	1.778
68		0.0310	0.787		1.80	0.0709	1.800
1/32		0.0312	0.792		1.85	0.0728	1.850
	0.80	0.0315	0.800	49		0.0730	1.854
67		0.0320	0.813		1.90	0.0748	1.900
66		0.0330	0.838	48		0.0760	1.930
	0.85	0.0335	0.850		1.95	0.0768	1.950
65		0.0350	0.889	5/64		0.0781	1.984
	0.90	0.0354	0.899	47		0.0785	1.994
64		0.0360	0.914		2.00	0.0787	2.000
63		0.0370	0.940		2.05	0.0807	2.050
	0.95	0.0374	0.950	46		0.0810	2.057
62		0.0380	0.965	45		0.0820	2.083
61		0.0390	0.991		2.10	0.0827	2.100
	1.00	0.0394	1.000		2.15	0.0846	2.150
60		0.0400	1.016	44		0.0860	2.184
59		0.0410	1.041		2.20	0.0866	2.200
	1.05	0.0413	1.050		2.25	0.0866	2.250

Drill Bit Decimal Equivalency Chart (cont'd.)

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43		0.0890	2.261				
	2.30	0.0906	2.300	23		0.1540	3.912
	2.35	0.0925	2.350				
42		0.0935	2.375	22		0.1570	3.988
3/32		0.0938	2.383				
	2.40	0.0945	2.400	21		0.1590	4.039
41		0.0960	2.438				
	2.45	0.0965	2.450		4.10	0.1614	4.100
40		0.0980	2.489				
	2.50	0.0984	2.500	19		0.1660	4.216
39		0.0995	2.527				
38		0.1015	2.578	18		0.1695	4.305
	2.60	0.1024	2.600				
37		0.1040	2.642	17		0.1730	4.394
	2.70	0.1063	2.700				
36		0.1065	2.705	16		0.1770	4.496
7/64		0.1094	2.779				
35		0.1100	2.794	15		0.1800	4.572
	2.80	0.1102	2.800				
34		0.1110	2.819	14		0.1820	4.623
33		0.1130	2.870				
	2.90	0.1142	2.900	3/16		0.1875	4.762
32		0.1160	2.946				
	3.00	0.1181	3.000	11		0.1910	4.851
31		0.1200	3.048				
	3.10	0.1220	3.100	10		0.1935	4.915
1/8		0.1250	3.175				
	3.20	0.1260	3.200		5.00	0.1969	5.000
30		0.1285	3.264				
	3.30	0.1299	3.300		5.10	0.2008	5.100
	3.40	0.1339	3.400				
29		0.1360	3.454	13/64		0.2031	5.159
	3.50	0.1378	3.500				
28		0.1405	3.569		5.20	0.2047	5.200
9/64		0.1406	3.571				
	3.60	0.1417	3.600		5.30	0.2087	5.300
27		0.1440	3.658				
	3.70	0.1457	3.700		5.40	0.2126	5.400
26		0.1470	3.734				
25		0.1495	3.797		5.50	0.2165	5.500
	3.80	0.1496	3.800				
24		0.1520	3.861		5.60	0.2205	5.600

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2		0.2210	5.613		7.90	0.3110	7.900
	5.70	0.2244	5.700	5/16		0.3125	7.938
1		0.2280	5.791		8.00	0.3150	8.000
	5.80	0.2283	5.800	O		0.3160	8.026
	5.90	0.2323	5.900		8.10	0.3189	8.100
A		0.2340	5.944		8.20	0.3228	8.200
15/64		0.2344	5.954	P		0.3230	8.204
	6.00	0.2362	6.000		8.30	0.3268	8.300
B		0.2380	6.045	21/64		0.3281	8.334
	6.10	0.2402	6.100		8.40	0.3307	8.400
C		0.2420	6.147	Q		0.3320	8.433
	6.20	0.2441	6.200		8.50	0.3346	8.500
D		0.2460	6.248		8.60	0.3386	8.600
	6.30	0.2480	6.300	R		0.3390	8.611
E		0.2500	6.350		8.70	0.3425	8.700
	6.40	0.2520	6.400	11/32		0.3438	8.733
	6.50	0.2559	6.500		8.80	0.3465	8.800
F		0.2570	6.528	S		0.3480	8.839
	6.60	0.2598	6.600		8.90	0.3504	8.900
G		0.2610	6.629		9.00	0.3543	9.000
	6.70	0.2638	6.700	T		0.3580	9.093
17/64		0.2656	6.746		9.10	0.3583	9.100
H		0.2660	6.756	23/64		0.3594	9.129
	6.80	0.2677	6.800		9.20	0.3622	9.200
	6.90	0.2717	6.900		9.30	0.3661	9.300
I		0.2720	6.909	U		0.3680	9.347
	7.00	0.2756	7.000		9.40	0.3701	9.400
J		0.2770	7.036		9.50	0.3740	9.500
	7.10	0.2795	7.100	3/8		0.3750	9.525
K		0.2810	7.137	V		0.3770	9.576
9/32		0.2812	7.142		9.60	0.3780	9.600
	7.20	0.2835	7.200		9.70	0.3819	9.700
	7.30	0.2874	7.300		9.80	0.3858	9.800
L		0.2900	7.366	W		0.3860	9.804
	7.40	0.2913	7.400		9.90	0.3898	9.900
M		0.2950	7.493	25/64		0.3906	9.921
	7.50	0.2953	7.500		10.00	0.3937	10.000
19/64		0.2969	7.541	X		0.3970	10.084
	7.60	0.2992	7.600		10.20	0.4016	10.200
N		0.3020	7.671	Y		0.4040	10.262
	7.70	0.3031	7.700	13/32		0.4062	10.317
	7.80	0.3071	7.800	Z		0.4130	10.490

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	10.50	0.4134	10.500		16.75	0.6594	16.750
27/64		0.4219	10.716		17.00	0.6693	17.000
	10.80	0.4252	10.800	43/64		0.6719	17.066
	11.00	0.4331	11.000		17.25	0.6791	17.250
7/16		0.4375	11.112	11/16		0.6875	17.462
	11.20	0.4409	11.200		17.50	0.6890	17.500
	11.50	0.4528	11.500	45/64		0.7031	17.859
29/64		0.4531	11.509		18.00	0.7087	18.000
	11.80	0.4646	11.800	23/32		0.7188	18.258
15/32		0.4688	11.908		18.50	0.7283	18.500
	12.00	0.4724	12.000	47/64		0.7344	18.654
	12.20	0.4803	12.200		19.00	0.7480	19.000
31/64		0.4844	12.304	3/4		0.7500	19.050
	12.50	0.4921	12.500	49/64		0.7656	19.446
1/2		0.5000	12.700		19.50	0.7677	19.500
	12.80	0.5039	12.800	25/32		0.7812	19.845
	13.00	0.5118	13.000		20.00	0.7879	20.000
33/64		0.5156	13.096	51/64		0.7969	20.241
	13.20	0.5197	13.200		20.50	0.8071	20.500
17/32		0.5312	13.492	13/16		0.8125	20.638
	13.50	0.5315	13.500		21.00	0.8268	21.000
	13.80	0.5433	13.800	53/64		0.8281	21.034
35/64		0.5469	13.891	27/32		0.8438	21.433
	14.00	0.5512	14.000		21.50	0.8465	21.500
	14.25	0.5610	14.250	55/64		0.8594	21.829
9/16		0.5625	14.288		22.00	0.8661	22.000
	14.50	0.5709	14.500	7/8		0.8750	22.225
37/64		0.5781	14.684		22.50	0.8858	22.500
	14.75	0.5807	14.750	57/64		0.8906	22.621
	15.00	0.5906	15.000		23.00	0.9055	23.000
19/32		0.5938	15.083	29/32		0.9062	23.017
	15.25	0.6004	15.250	59/64		0.9219	23.416
39/64		0.6094	15.479		23.50	0.9252	23.500
	15.50	0.6102	15.500	15/16		0.9375	23.812
	15.75	0.6201	15.750		24.00	0.9449	24.000
5/8		0.6250	15.875	61/64		0.9531	24.209
	16.00	0.6299	16.000		24.50	0.9646	24.500
	16.25	0.6398	16.250	31/32		0.9688	24.608
41/64		0.6406	16.271		25.00	0.9843	25.000
	16.50	0.6496	16.500	63/64		0.9844	25.004
21/32		0.6562	16.669	1		1.0000	25.400