

Drill Size Chart - Decimal Equivalents

Number, letter, fractional and metric drills in size order.

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Size	Inch	mm
0.3mm	0.0118	0.30
#80	0.0135	0.34
0.35mm	0.0138	0.35
#79	0.0145	0.37
1/64"	0.0156	0.40
0.4mm	0.0157	0.40
#78	0.0160	0.41
0.45mm	0.0177	0.45
#77	0.0180	0.46
0.5mm	0.0197	0.50
#76	0.0200	0.51
#75	0.0210	0.53
0.55mm	0.0217	0.55
#74	0.0225	0.57
0.6mm	0.0236	0.60
#73	0.0240	0.61
#72	0.0250	0.64
0.65mm	0.0256	0.65
#71	0.0260	0.66
0.7mm	0.0276	0.70
#70	0.0280	0.71
#69	0.0292	0.74
0.75mm	0.0295	0.75
#68	0.0310	0.79
1/32"	0.0312	0.79
0.8mm	0.0315	0.80
#67	0.0320	0.81
#66	0.0330	0.84
0.85mm	0.0335	0.85
#65	0.0350	0.89
0.9mm	0.0354	0.90
#64	0.0360	0.91
#63	0.0370	0.94
0.95mm	0.0374	0.95
#62	0.0380	0.97
#61	0.0390	0.99
#60	0.0400	1.02
#59	0.0410	1.04
#58	0.0420	1.07
#57	0.0430	1.09
1.1mm	0.0433	1.10
#56	0.0465	1.18
3/64"	0.0469	1.19
1.2mm	0.0472	1.20
1.3mm	0.0512	1.30
#55	0.0520	1.32
#54	0.0550	1.40
1.4mm	0.0551	1.40
1.5mm	0.0591	1.50
#53	0.0595	1.51
1/16"	0.0625	1.59
1.6mm	0.0630	1.60
#52	0.0635	1.61
1.7mm	0.0669	1.70
#51	0.0670	1.70

Size	Inch	mm
#50	0.0700	1.78
1.8mm	0.0709	1.80
#49	0.0730	1.85
1.9mm	0.0748	1.90
#48	0.0760	1.93
5/64"	0.0781	1.98
#47	0.0785	1.99
2.0mm	0.0787	2.00
#46	0.0810	2.06
#45	0.0820	2.08
2.1mm	0.0827	2.10
#44	0.0860	2.18
2.2mm	0.0866	2.20
#43	0.0890	2.26
2.3mm	0.0906	2.30
#42	0.0935	2.37
3/32"	0.0938	2.38
2.4mm	0.0945	2.40
#41	0.0960	2.44
#40	0.0980	2.49
2.5mm	0.0984	2.50
#39	0.0995	2.53
#38	0.1015	2.58
2.6mm	0.1024	2.60
#37	0.1040	2.64
2.7mm	0.1063	2.70
#36	0.1065	2.71
7/64"	0.1094	2.78
#35	0.1100	2.79
2.8mm	0.1102	2.80
#34	0.1110	2.82
#33	0.1130	2.87
2.9mm	0.1142	2.90
#32	0.1160	2.95
3.0mm	0.1181	3.00
#31	0.1200	3.05
3.1mm	0.1220	3.10
1/8"	0.1250	3.17
3.2mm	0.1260	3.20
#30	0.1285	3.26
3.3mm	0.1299	3.30
3.4mm	0.1339	3.40
#29	0.1360	3.45
3.5mm	0.1378	3.50
#28	0.1405	3.57
9/64"	0.1406	3.57
3.6mm	0.1417	3.60
#27	0.1440	3.66
3.7mm	0.1457	3.70
#26	0.1470	3.73
#25	0.1495	3.80
3.8mm	0.1496	3.80
#24	0.1520	3.86
3.9mm	0.1535	3.90
#23	0.1540	3.91

Size	Inch	mm
5/32"	0.1562	3.97
#22	0.1570	3.99
4.0mm	0.1575	4.00
#21	0.1590	4.04
#20	0.1610	4.09
4.1mm	0.1614	4.10
4.2mm	0.1654	4.20
#19	0.1660	4.22
4.3mm	0.1693	4.30
#18	0.1695	4.31
11/64"	0.1719	4.37
#17	0.1730	4.39
4.4mm	0.1732	4.40
#16	0.1770	4.50
4.5mm	0.1772	4.50
#15	0.1800	4.57
4.6mm	0.1811	4.60
#14	0.1820	4.62
#13	0.1850	4.70
4.7mm	0.1850	4.70
3/16"	0.1875	4.76
4.8mm	0.1890	4.80
#12	0.1890	4.80
#11	0.1910	4.85
4.9mm	0.1929	4.90
#10	0.1935	4.91
#9	0.1960	4.98
5.0mm	0.1969	5.00
#8	0.1990	5.05
5.1mm	0.2008	5.10
#7	0.2010	5.11
13/64"	0.2031	5.16
#6	0.2040	5.18
5.2mm	0.2047	5.20
#5	0.2055	5.22
5.3mm	0.2087	5.30
#4	0.2090	5.31
5.4mm	0.2126	5.40
#3	0.2130	5.41
5.5mm	0.2165	5.50
7/32"	0.2188	5.56
5.6mm	0.2205	5.60
#2	0.2210	5.61
5.7mm	0.2244	5.70
#1	0.2280	5.79
5.8mm	0.2283	5.80
5.9mm	0.2323	5.90
A	0.2340	5.94
15/64"	0.2344	5.95
6.0mm	0.2362	6.00
B	0.2380	6.05
6.1mm	0.2402	6.10
C	0.2420	6.15
6.2mm	0.2441	6.20
D	0.2460	6.25

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Size	Inch	mm
6.3mm	0.2480	6.30
1/4"	0.2500	6.35
E	0.2500	6.35
6.4mm	0.2520	6.40
6.5mm	0.2559	6.50
F	0.2570	6.53
6.6mm	0.2598	6.60
G	0.2610	6.63
6.7mm	0.2638	6.70
17/64"	0.2656	6.75
H	0.2660	6.76
6.8mm	0.2677	6.80
6.9mm	0.2717	6.90
I	0.2720	6.91
7.0mm	0.2756	7.00
J	0.2770	7.04
7.1mm	0.2795	7.10
K	0.2810	7.14
9/32"	0.2812	7.14
7.2mm	0.2835	7.20
7.3mm	0.2874	7.30
L	0.2900	7.37
7.4mm	0.2913	7.40
M	0.2950	7.49
7.5mm	0.2953	7.50
19/64"	0.2969	7.54
7.6mm	0.2992	7.60
N	0.3020	7.67
7.7mm	0.3031	7.70
7.8mm	0.3071	7.80
7.9mm	0.3110	7.90
5/16"	0.3125	7.94
8.0mm	0.3150	8.00
O	0.3160	8.03
8.1mm	0.3189	8.10
8.2mm	0.3228	8.20
P	0.3230	8.20
8.3mm	0.3268	8.30
21/64"	0.3281	8.33
8.4mm	0.3307	8.40
Q	0.3320	8.43
8.5mm	0.3346	8.50
8.6mm	0.3386	8.60
R	0.3390	8.61
8.7mm	0.3425	8.70
11/32"	0.3438	8.73
8.8mm	0.3465	8.80
S	0.3480	8.84
8.9mm	0.3504	8.90
9.0mm	0.3543	9.00
T	0.3580	9.09
9.1mm	0.3583	9.10
23/64"	0.3594	9.13
9.2mm	0.3622	9.20
9.3mm	0.3661	9.30

Size	Inch	mm
U	0.3680	9.35
9.4mm	0.3701	9.40
9.5mm	0.3740	9.50
3/8"	0.3750	9.52
V	0.3770	9.58
9.6mm	0.3780	9.60
9.7mm	0.3819	9.70
9.8mm	0.3858	9.80
W	0.3860	9.80
9.9mm	0.3898	9.90
25/64"	0.3906	9.92
10.0mm	0.3937	10.00
X	0.3970	10.08
10.1mm	0.3976	10.10
10.2mm	0.4016	10.20
Y	0.4040	10.26
10.3mm	0.4055	10.30
13/32"	0.4062	10.32
10.4mm	0.4094	10.40
Z	0.4130	10.49
10.5mm	0.4134	10.50
10.6mm	0.4173	10.60
10.7mm	0.4213	10.70
27/64"	0.4219	10.72
10.8mm	0.4252	10.80
10.9mm	0.4291	10.90
11.0mm	0.4331	11.00
11.1mm	0.4370	11.10
7/16"	0.4375	11.11
11.2mm	0.4409	11.20
11.3mm	0.4449	11.30
11.4mm	0.4488	11.40
11.5mm	0.4528	11.50
29/64"	0.4531	11.51
11.6mm	0.4567	11.60
11.7mm	0.4606	11.70
11.8mm	0.4646	11.80
11.9mm	0.4685	11.90
15/32"	0.4688	11.91
12.0mm	0.4724	12.00
12.1mm	0.4764	12.10
12.2mm	0.4803	12.20
12.3mm	0.4843	12.30
31/64"	0.4844	12.30
12.4mm	0.4882	12.40
12.5mm	0.4921	12.50
12.6mm	0.4961	12.60
1/2"	0.5000	12.70
12.7mm	0.5000	12.70
12.8mm	0.5039	12.80
12.9mm	0.5079	12.90
13.0mm	0.5118	13.00
33/64"	0.5156	13.10
17/32"	0.5312	13.49

Size	Inch	mm
13.5mm	0.5315	13.50
35/64"	0.5469	13.89
14.0mm	0.5512	14.00
9/16"	0.5625	14.29
14.5mm	0.5709	14.50
37/64"	0.5781	14.68
15.0mm	0.5906	15.00
19/32"	0.5938	15.08
39/64"	0.6094	15.48
15.5mm	0.6102	15.50
5/8"	0.6250	15.88
16.0mm	0.6299	16.00
41/64"	0.6406	16.27
16.5mm	0.6496	16.50
21/32"	0.6562	16.67
17.0mm	0.6693	17.00
43/64"	0.6719	17.07
11/16"	0.6875	17.46
17.5mm	0.6890	17.50
45/64"	0.7031	17.86
18.0mm	0.7087	18.00
23/32"	0.7188	18.26
18.5mm	0.7283	18.50
47/64"	0.7344	18.65
19.0mm	0.7480	19.00
3/4"	0.7500	19.05
49/64"	0.7656	19.45
19.5mm	0.7677	19.50
25/32"	0.7812	19.84
20.0mm	0.7874	20.00
51/64"	0.7969	20.24
20.5mm	0.8071	20.50
13/16"	0.8125	20.64
21.0mm	0.8268	21.00
53/64"	0.8281	21.03
27/32"	0.8438	21.43
21.5mm	0.8465	21.50
55/64"	0.8594	21.83
22.0mm	0.8661	22.00
7/8"	0.8750	22.22
22.5mm	0.8858	22.50
57/64"	0.8906	22.62
23.0mm	0.9055	23.00
29/32"	0.9062	23.02
59/64"	0.9219	23.42
23.5mm	0.9252	23.50
15/16"	0.9375	23.81
24.0mm	0.9449	24.00
61/64"	0.9531	24.21
24.5mm	0.9646	24.50
31/32"	0.9688	24.61
25.0mm	0.9843	25.00
63/64"	0.9844	25.00
1"	1.0000	25.40