Understanding the Drill Tap Chart: A Simple Guide

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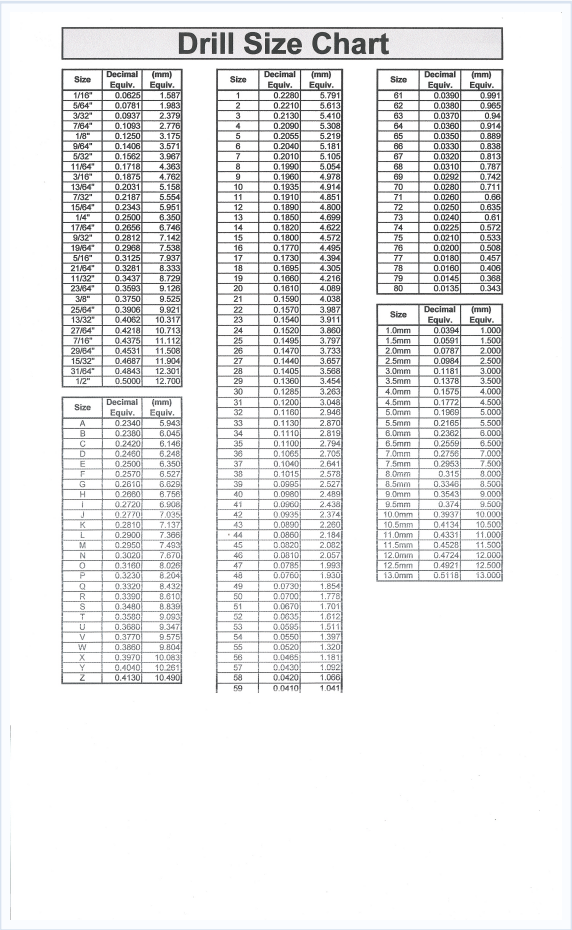

Drill Size Chart

Size	Decimal Equiv.	(mm) Equiv.
1/16"	0.0625	1.587
5/64"	0.0781	1.983
3/32"	0.0937	2.379
7/64"	0.1093	2.776
1/8"	0.1250	3.175
9/64"	0.1406	3.571
5/32"	0.1562	3.967
11/64"	0.1718	4.363
3/16"	0.1875	4.762
13/64"	0.2031	5.158
7/32"	0.2187	5.554
15/64"	0.2343	5.951
1/4"	0.2500	6.350
17/64"	0.2656	6.746
9/32"	0.2812	7.142
19/64"	0.2968	7.538
5/16"	0.3125	7.937
21/64"	0.3281	8.333
11/32"	0.3437	8.729
23/64"	0.3593	9.126
3/8"	0.3750	9.525
25/64"	0.3906	9.921
13/32"	0.4062	10.317
27/64"	0.4218	10.713
7/16"	0.4375	11.112
29/64"	0.4531	11.508
15/32"	0.4687	11.904
31/64"	0.4843	12.301
1/2"	0.5000	12.700

Size	Decimal Equiv.	(mm) Equiv.
A	0.2340	5.943
B	0.2380	6.045
C	0.2420	6.146
D	0.2460	6.248
E	0.2500	6.350
F	0.2570	6.527
G	0.2610	6.629
H	0.2660	6.756
I	0.2720	6.908
J	0.2770	7.035
K	0.2810	7.137
L	0.2900	7.366
M	0.2950	7.493
N	0.3020	7.670
O	0.3160	8.026
P	0.3230	8.204
Q	0.3320	8.432
R	0.3390	8.610
S	0.3480	8.839
T	0.3580	9.093
U	0.3680	9.347
V	0.3770	9.575
W	0.3860	9.804
X	0.3970	10.083
Y	0.4040	10.261
Z	0.4130	10.490

Size	Decimal Equiv.	(mm) Equiv.
1	0.2280	5.791
2	0.2210	5.613
3	0.2130	5.410
4	0.2090	5.308
5	0.2055	5.219
6	0.2040	5.181
7	0.2010	5.105
8	0.1990	5.054
9	0.1960	4.978
10	0.1935	4.914
11	0.1910	4.851
12	0.1890	4.800
13	0.1850	4.699
14	0.1820	4.622
15	0.1800	4.572
16	0.1770	4.495
17	0.1730	4.394
18	0.1695	4.305
19	0.1660	4.216
20	0.1610	4.089
21	0.1590	4.038
22	0.1570	3.987
23	0.1540	3.911
24	0.1520	3.860
25	0.1495	3.797
26	0.1470	3.733
27	0.1440	3.657
28	0.1405	3.568
29	0.1360	3.454
30	0.1285	3.263
31	0.1200	3.048
32	0.1160	2.946
33	0.1130	2.870
34	0.1110	2.819
35	0.1100	2.794
36	0.1065	2.705
37	0.1040	2.641
38	0.1015	2.578
39	0.0995	2.527
40	0.0980	2.489
41	0.0960	2.438
42	0.0935	2.374
43	0.0890	2.260
44	0.0860	2.184
45	0.0820	2.082
46	0.0810	2.057
47	0.0785	1.993
48	0.0760	1.930
49	0.0730	1.854
50	0.0700	1.778
51	0.0670	1.701
52	0.0635	1.612
53	0.0595	1.511
54	0.0550	1.397
55	0.0520	1.320
56	0.0465	1.181
57	0.0430	1.092
58	0.0420	1.066
59	0.0410	1.041

Size	Decimal Equiv.	(mm) Equiv.
61	0.0390	0.991
62	0.0380	0.965
63	0.0370	0.94
64	0.0360	0.914
65	0.0350	0.889
66	0.0330	0.838
67	0.0320	0.813
68	0.0310	0.787
69	0.0292	0.742
70	0.0280	0.711
71	0.0260	0.66
72	0.0250	0.635
73	0.0240	0.61
74	0.0225	0.572
75	0.0210	0.533
76	0.0200	0.508
77	0.0180	0.457
78	0.0160	0.406
79	0.0145	0.368
80	0.0135	0.343

Size	Decimal Equiv.	(mm) Equiv.
1.0mm	0.0394	1.000
1.5mm	0.0591	1.500
2.0mm	0.0787	2.000
2.5mm	0.0984	2.500
3.0mm	0.1181	3.000
3.5mm	0.1378	3.500
4.0mm	0.1575	4.000
4.5mm	0.1772	4.500
5.0mm	0.1969	5.000
5.5mm	0.2165	5.500
6.0mm	0.2362	6.000
6.5mm	0.2559	6.500
7.0mm	0.2756	7.000
7.5mm	0.2953	7.500
8.0mm	0.315	8.000
8.5mm	0.3346	8.500
9.0mm	0.3543	9.000
9.5mm	0.374	9.500
10.0mm	0.3937	10.000
10.5mm	0.4134	10.500
11.0mm	0.4331	11.000
11.5mm	0.4528	11.500
12.0mm	0.4724	12.000
12.5mm	0.4921	12.500
13.0mm	0.5118	13.000

Printing & Usage Overview

Many folks tend to overlook the drill tap chart , assuming it's just a simple table, but it's a powerful tool with a hidden depth. This chart is a handy reference, often overlooked, yet it holds the key to precise drilling and tapping, ensuring your projects are spot on. While it may seem straightforward, there's more to it than meets the eye, and understanding its nuances is crucial for accurate results. Understanding the Drill Tap Chart The drill tap chart is a handy reference tool for anyone working with drills and taps. It provides a quick guide to selecting the right drill bit size for a specific tap size, ensuring a secure and efficient fit. This chart is a valuable resource for professionals and hobbyists alike, offering a simple way to determine the correct drill bit diameter needed to create the perfect thread for your tap. Key Details and Categories The drill tap chart typically displays two main categories:

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