Understand the Tap Drill Chart: A Quick Guide

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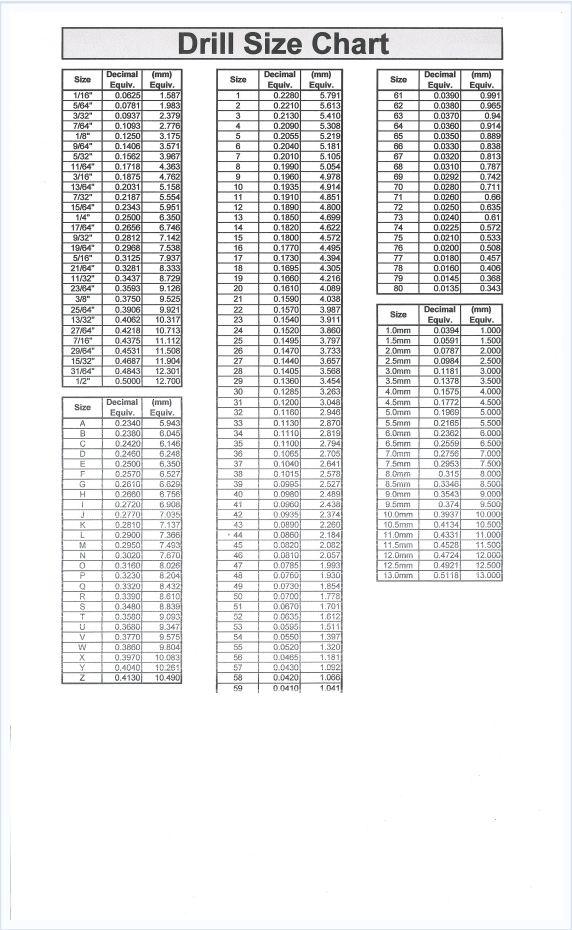

Drill Size Chart

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

You're here, searching for a quick fix, a reliable guide to help you with your tap drill chart needs. Well, you've come to the right place! This handy reference tool is your go-to for all things related to drilling and tapping. Whether you're a pro or a DIY enthusiast, the tap drill chart is an essential companion, offering a simple and visual way to ensure your projects are precise and accurate. It's like having a secret weapon, a map to guide you through the world of thread sizes and drill bits. Understanding the Tap Drill Chart The tap drill chart is your handy guide to choosing the right drill bit size for creating threads with a tap. It's a simple yet powerful tool that ensures your projects turn out just right. Think of it as a map to help you navigate the world of drilling and tapping. Comparing Common Thread Types When it comes to threads, there are a few common standards: the Unified Thread Standard (UTS)

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