

STANDARD DRILL DIMENSIONS



Inch Size Drills (all dimensions inches)

Drill Size	Decimal Equivalent	<i>Screw Machine Length</i>		<i>Jobbers Length</i>		<i>Taper Length</i>	
		Overall Length	Flute Length	Overall Length	Flute Length	Overall Length	Flute Length
1/64	.0156	—	—	3/4	3/16	1-1/2	5/16
80	.0135	—	—	3/4	1/8	1-1/2	5/16
79	.0145	—	—	3/4	1/8	1-1/2	5/16
78	.0160	—	—	7/8	3/16	1-1/2	5/16
77	.0180	—	—	7/8	3/16	1-1/2	5/16
76	.0200	—	—	7/8	3/16	1-1/2	5/16
75	.0210	—	—	1	1/4	1-1/2	5/16
74	.0225	—	—	1	1/4	1-1/2	5/16
73	.0240	—	—	1-1/8	5/16	1-1/2	5/16
72	.0250	—	—	1-1/8	5/16	1-1/2	5/16
71	.0260	—	—	1-1/4	3/8	2	3/4
70	.0280	—	—	1-1/4	3/8	2	3/4
69	.0292	—	—	1-3/8	1/2	2	3/4
68	.0310	—	—	1-3/8	1/2	2	3/4
1/32	.0312	1-3/8	1/2	1-3/8	1/2	2	3/4
67	.0320	—	—	1-3/8	1/2	2	3/4
66	.0330	—	—	1-3/8	1/2	2	3/4
65	.0350	—	—	1-1/2	5/8	2	3/4
64	.0360	—	—	1-1/2	5/8	2	3/4
63	.0370	—	—	1-1/2	5/8	2	3/4
62	.0380	—	—	1-1/2	5/8	2	3/4
61	.0390	—	—	1-5/8	11/16	2-1/4	1-1/8
60	.0400	1-3/8	1/2	1-5/8	11/16	2-1/4	1-1/8
59	.0410	1-3/8	1/2	1-5/8	11/16	2-1/4	1-1/8
58	.0420	1-3/8	1/2	1-5/8	11/16	2-1/4	1-1/8
57	.0430	1-3/8	1/2	1-3/4	3/4	2-1/4	1-1/8
56	.0465	1-3/8	1/2	1-3/4	3/4	2-1/4	1-1/8
3/64	.0469	1-3/8	1/2	1-3/4	3/4	2-1/4	1-1/8
55	.0520	1-5/8	5/8	1-7/8	7/8	3	1-3/4
54	.0550	1-5/8	5/8	1-7/8	7/8	3	1-3/4
53	.0595	1-5/8	5/8	1-7/8	7/8	3	1-3/4
1/16	.0625	1-5/8	5/8	1-7/8	7/8	3	1-3/4
52	.0635	1-11/16	11/16	1-7/8	7/8	3-3/4	2
51	.0670	1-11/16	11/16	2	1	3-3/4	2
50	.0700	1-11/16	11/16	2	1	3-3/4	2
49	.0730	1-11/16	11/16	2	1	3-3/4	2
48	.0760	1-11/16	11/16	2	1	3-3/4	2
5/64	.0781	1-11/16	11/16	2	1	3-3/4	2
47	.0785	1-3/4	3/4	2	1	4-1/4	2-1/4
46	.0810	1-3/4	3/4	2-1/8	1-1/8	4-1/4	2-1/4
45	.0820	1-3/4	3/4	2-1/8	1-1/8	4-1/4	2-1/4
44	.0860	1-3/4	3/4	2-1/8	1-1/8	4-1/4	2-1/4
43	.0890	1-3/4	3/4	2-1/4	1-1/4	4-1/4	2-1/4
42	.0935	1-3/4	3/4	2-1/4	1-1/4	4-1/4	2-1/4
3/32	.0938	1-3/4	3/4	2-1/4	1-1/4	4-1/4	2-1/4
41	.0960	1-13/16	13/16	2-3/8	1-3/8	4-5/8	2-1/2

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		Overall Length	Flute Length	Overall Length	Flute Length	Overall Length	Flute Length
40	.0980	1-13/16	13/16	2-3/8	1-3/8	4-5/8	2-1/2
39	.0995	1-13/16	13/16	2-3/8	1-3/8	4-5/8	2-1/2
38	.1015	1-13/16	13/16	2-1/2	1-7/16	4-5/8	2-1/2
37	.1040	1-13/16	13/16	2-1/2	1-7/16	4-5/8	2-1/2
36	.1065	1-13/16	13/16	2-1/2	1-7/16	4-5/8	2-1/2
7/64	.1094	1-13/16	13/16	2-5/8	1-1/2	4-5/8	2-1/2
35	.1100	1-7/8	7/8	2-5/8	1-1/2	5-1/8	2-3/4
34	.1110	1-7/8	7/8	2-5/8	1-1/2	5-1/8	2-3/4
33	.1130	1-7/8	7/8	2-5/8	1-1/2	5-1/8	2-3/4
32	.1160	1-7/8	7/8	2-3/4	1-5/8	5-1/8	2-3/4
31	.1200	1-7/8	7/8	2-3/4	1-5/8	5-1/8	2-3/4
1/8	.1250	1-7/8	7/8	2-3/4	1-5/8	5-1/8	2-3/4
30	.1285	1-15/16	15/16	2-3/4	1-5/8	5-3/8	3
29	.1360	1-15/16	15/16	2-7/8	1-3/4	5-3/8	3
28	.1405	1-15/16	15/16	2-7/8	1-3/4	5-3/8	3
9/64	.1406	1-15/16	15/16	2-7/8	1-3/4	5-3/8	3
27	.1440	2-1/16	1	3	1-7/8	5-3/8	3
26	.1470	2-1/16	1	3	1-7/8	5-3/8	3
25	.1495	2-1/16	1	3	1-7/8	5-3/8	3
24	.1520	2-1/16	1	3-1/8	2	5-3/8	3
23	.1540	2-1/16	1	3-1/8	2	5-3/8	3
5/32	.1562	2-1/16	1	3-1/8	2	5-3/8	3
22	.1570	2-1/8	1-1/16	3-1/8	2	5-3/4	3-3/8
21	.1590	2-1/8	1-1/16	3-1/4	2-1/8	5-3/4	3-3/8
20	.1610	2-1/8	1-1/16	3-1/4	2-1/8	5-3/4	3-3/8
19	.1660	2-1/8	1-1/16	3-1/4	2-1/8	5-3/4	3-3/8
18	.1695	2-1/8	1-1/16	3-1/4	2-1/8	5-3/4	3-3/8
11/64	.1719	2-1/8	1-1/16	3-1/4	2-1/8	5-3/4	3-3/8
17	.1730	2-3/16	1-1/8	3-3/8	2-3/16	5-3/4	3-3/8
16	.1770	2-3/16	1-1/8	3-3/8	2-3/16	5-3/4	3-3/8
15	.1800	2-3/16	1-1/8	3-3/8	2-3/16	5-3/4	3-3/8
14	.1820	2-3/16	1-1/8	3-3/8	2-3/16	5-3/4	3-3/8
13	.1850	2-3/16	1-1/8	3-1/2	2-5/16	5-3/4	3-3/8
3/16	.1875	2-3/16	1-1/8	3-1/2	2-5/16	5-3/4	3-3/8
12	.1890	2-1/4	1-3/16	3-1/2	2-5/16	6	3-5/8
11	.1910	2-1/4	1-3/16	3-1/2	2-5/16	6	3-5/8
10	.1935	2-1/4	1-3/16	3-5/8	2-7/16	6	3-5/8
9	.1960	2-1/4	1-3/16	3-5/8	2-7/16	6	3-5/8
8	.1990	2-1/4	1-3/16	3-5/8	2-7/16	6	3-5/8
7	.2010	2-1/4	1-3/16	3-5/8	2-7/16	6	3-5/8
13/64	.2031	2-1/4	1-3/16	3-5/8	2-7/16	6	3-5/8
6	.2040	2-3/8	1-1/4	3-3/4	2-1/2	6	3-5/8
5	.2055	2-3/8	1-1/4	3-3/4	2-1/2	6	3-5/8
4	.2090	2-3/8	1-1/4	3-3/4	2-1/2	6	3-5/8
3	.2130	2-3/8	1-1/4	3-3/4	2-1/2	6	3-5/8
7/32	.2188	2-3/8	1-1/4	3-3/4	2-1/2	6	3-5/8

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		Overall Length	Flute Length	Overall Length	Flute Length	Overall Length	Flute Length
2	.2210	2-7/16	1-5/16	3-7/8	2-5/8	6-1/8	3-3/4
1	.2280	2-7/16	1-5/16	3-7/8	2-5/8	6-1/8	3-3/4
A	.2340	2-7/16	1-5/16	3-7/8	2-5/8	6-1/8	3-3/4
15/64	.2344	2-7/16	1-5/16	3-7/8	2-5/8	6-1/8	3-3/4
B	.2380	2-1/2	1-3/8	4	2-3/4	6-1/8	3-3/4
C	.2420	2-1/2	1-3/8	4	2-3/4	6-1/8	3-3/4
D	.2460	2-1/2	1-3/8	4	2-3/4	6-1/8	3-3/4
1/4-E	.2500	2-1/2	1-3/8	4	2-3/4	6-1/8	3-3/4
F	.2570	2-5/8	1-7/16	4-1/8	2-7/8	6-1/8	3-3/4
G	.2610	2-5/8	1-7/16	4-1/8	2-7/8	6-1/8	3-3/4
17/64	.2656	2-5/8	1-7/16	4-1/8	2-7/8	6-1/4	3-7/8
H	.2660	2-11/16	1-1/2	4-1/8	2-7/8	6-1/4	3-7/8
I	.2720	2-11/16	1-1/2	4-1/8	2-7/8	6-1/4	3-7/8
J	.2770	2-11/16	1-1/2	4-1/8	2-7/8	6-1/4	3-7/8
9/32	.2812	2-11/16	1-1/2	4-1/4	2-15/16	6-1/4	3-7/8
K	.2812	2-11/16	1-1/2	4-1/4	2-15/16	6-1/4	3-7/8
L	.2900	2-3/4	1-9/16	4-1/4	2-15/16	6-1/4	3-7/8
M	.2950	2-3/4	1-9/16	4-3/8	3-1/16	6-3/8	4
19/64	.2969	2-3/4	1-9/16	4-3/8	3-1/16	6-3/8	4
N	.3020	2-13/16	1-5/8	4-3/8	3-1/16	6-3/8	4
5/16	.3125	2-13/16	1-5/8	4-1/2	3-3/16	6-3/8	4
O	.3160	2-15/16	1-11/16	4-1/2	3-3/16	6-3/8	4
P	.3230	2-15/16	1-11/16	4-5/8	3-5/16	6-3/8	4
21/64	.3281	2-15/16	1-11/16	4-5/8	3-5/16	6-1/2	4-1/8
Q	.3320	3	1-11/16	4-3/4	3-7/16	6-1/2	4-1/8
R	.3390	3	1-11/16	4-3/4	3-7/16	6-1/2	4-1/8
11/32	.3438	3	1-11/16	4-3/4	3-7/16	6-1/2	4-1/8
S	.3480	3-1/16	1-3/4	4-7/8	3-1/2	6-3/4	4-1/4
T	.3580	3-1/16	1-3/4	4-7/8	3-1/2	6-3/4	4-1/4
23/64	.3594	3-1/16	1-3/4	4-7/8	3-1/2	6-3/4	4-1/4
U	.3680	3-1/8	1-13/16	5	3-5/8	6-3/4	4-1/4
3/8	.3750	3-1/8	1-13/16	5	3-5/8	6-3/4	4-1/4
V	.3770	3-1/4	1-7/8	5	3-5/8	6-3/4	4-1/4
W	.3860	3-1/4	1-7/8	5-1/8	3-3/4	6-3/4	4-1/4
25/64	.3906	3-1/4	1-7/8	5-1/8	3-3/4	7	4-3/8
X	.3970	3-5/16	1-15/16	5-1/8	3-3/4	7	4-3/8
Y	.4040	3-5/16	1-15/16	5-1/4	3-7/8	7	4-3/8
13/32	.4062	3-5/16	1-15/16	5-1/4	3-7/8	7	4-3/8
Z	.4130	3-3/8	2	5-1/4	3-7/8	7-1/4	4-5/8
27/64	.4219	3-3/8	2	5-3/8	3-15/16	7-1/4	4-5/8
7/16	.4375	3-7/16	2-1/16	5-1/2	4-1/16	7-1/4	4-5/8
29/64	.4531	3-9/16	2-1/8	5-5/8	4-3/16	7-1/2	4-3/4
15/32	.4688	3-5/8	2-1/8	5-3/4	4-5/16	7-1/2	4-3/4
31/64	.4844	3-11/16	2-3/16	5-7/8	4-3/8	7-3/4	4-3/4
1/2	.5000	3-3/4	2-1/4	6	4-1/2	7-3/4	4-3/4
33/64	.5156	3-7/8	2-3/8	6-5/8	4-13/16	8	4-3/4

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		Overall Length	Flute Length	Overall Length	Flute Length	Overall Length	Flute Length
17/32	.5312	3-7/8	2-3/8	6-5/8	4-13/16	8	4-3/4
35/64	.5469	4	2-1/2	6-5/8	4-13/16	8-1/4	4-7/8
9/16	.5625	4	2-1/2	6-5/8	4-13/16	8-1/4	4-7/8
37/64	.5781	4-1/8	2-5/8	6-5/8	4-13/16	8-3/4	4-7/8
19/32	.5938	4-1/8	2-5/8	7-1/8	5-3/16	8-3/4	4-7/8
39/64	.6094	4-1/4	2-3/4	7-1/8	5-3/16	8-3/4	4-7/8
5/8	.6250	4-1/4	2-3/4	7-1/8	5-3/16	8-3/4	4-7/8
41/64	.6406	4-1/2	2-7/8	7-1/8	5-3/16	9	5-1/8
21/32	.6562	4-1/2	2-7/8	7-1/8	5-3/16	9	5-1/8
43/64	.6719	4-5/8	2-7/8	7-5/8	5-5/8	9-1/4	5-3/8
11/16	.6875	4-5/8	2-7/8	7-5/8	5-5/8	9-1/4	5-3/8
45/64	.7031	4-3/4	3	—	—	9-1/2	5-5/8
23/32	.7188	4-3/4	3	—	—	9-1/2	5-5/8
47/64	.7344	5	3-1/8	—	—	9-3/4	5-7/8
3/4	.7500	5	3-1/8	—	—	9-3/4	5-7/8
49/64	.7656	5-1/8	3-1/4	—	—	9-7/8	6
25/32	.7812	5-1/8	3-1/4	—	—	9-7/8	6
51/64	.7969	5-1/4	3-3/8	—	—	10	6-1/8
13/16	.8125	5-1/4	3-3/8	—	—	10	6-1/8
53/64	.8281	5-3/8	3-1/2	—	—	10	6-1/8
27/32	.8438	5-3/8	3-1/2	—	—	10	6-1/8
55/64	.8594	5-1/2	3-1/2	—	—	10	6-1/8
7/8	.8750	5-1/2	3-1/2	—	—	10	6-1/8
57/64	.8906	5-5/8	3-5/8	—	—	10	6-1/8
29/32	.9062	5-5/8	3-5/8	—	—	10	6-1/8
59/64	.9219	5-3/4	3-3/4	—	—	10-3/4	6-1/8
15/16	.9375	5-3/4	3-3/4	—	—	10-3/4	6-1/8
61/64	.9531	5-7/8	3-7/8	—	—	11	6-3/8
31/32	.9688	5-7/8	3-7/8	—	—	11	6-3/8
63/64	.9844	6	4	—	—	11	6-3/8
1	1.0000	6	4	—	—	11	6-3/8