

**CONSECUTIVE DRILL BIT SIZES
DECIMAL EQUIVALENTS and TAP SIZES**

<u>Drill Size</u>	<u>Decimal Equivalent</u>	<u>Metric Tap Size</u>	<u>American Tap Size</u>		<u>Body Clearance</u>
			<u>Cut Threads</u>	<u>Rolled Threads</u>	
81	.0130				
80	.0135				
79	.0145				
1/64	.0156				
78	.0160				
77	.0180				
.5 mm	.0197				
76	.0200				
75	.0210				
74	.0225				
73	.0240				
72	.0250				
71	.0260				
70	.0280				
69	.0292				
68	.0310				
1/32	.0312				
67	.0320				
66	.0330				
65	.0350				
64	.0360				
63	.0370				
62	.0380				
61	.0390				
1.0 mm	.0394				
60	.0400				
59	.0410				
58	.0420				
57	.0430				
56	.0465				
3/64	.0469		0-80		
1.25mm	.0492	1.6-.35			
55	.0520				
54	.0550		1-56	0-80	
1.45mm	.0571	1.8-.35			
1.5mm	.0591				
53	.0595		1-64		
			1-72		
1/16	.0625				
1.6mm	.0630	2.0-.4			
52	.0635				
51	.0670		2-56	1-72	
1.75mm	.0689	2.2-.45			
50	.0700		2-64		
49	.0730				
48	.0760				
5/64	.0781		3-48	2-56	
47	.0785			6-64	
2.0mm	.0787				
2.05mm	.0807	2.5-.45			
46	.0810		3-56		
45	.0820	2.6-.45	4-32		

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			<u>Cut Threads</u>	<u>Rolled Threads</u>	
44	.0860				2 - 5 6
43	.0890	3.0-.75	4 - 40	3 - 48 3 - 56	
42	.0935		4 - 48		
3/32	.0937	3.0-.60			
41	.0960				
40	.0980				
2.5mm	.0984	3.0-.50			
39	.0995		5 - 40		
38	.1015			4 - 40 4 - 48	
37	.1040		5 - 44		
36	.1065		6 - 32		
7/64	.1094				
35	.1100				
34	.1110				
33	.1130		6 - 36 6 - 40	5 - 40	4 - 40
2.9mm	.1142	3.5-.60			
32	.1160			5 - 44	
3.0mm	.1181				
31	.1200				
1/8	.1250	4.0-.75		6 - 32	
30	.1285			6 - 40	
3.3mm	.1299	4.0-.70			
29	.1360		8 - 32 8 - 36		
3.5mm	.1378				
28	.1405		8 - 40		6 - 32
9/64	.1406				
27	.1440				
3.7mm	.1457	4.5-.75			
26	.1470				
25	.1495		10 - 24	8 - 32	
24	.1520			8 - 36	
23	.1540				
5/32	.1562	5.0-1.00			
22	.1570		10 - 30		
4.0mm	.1575				
21	.1590		10 - 32		
20	.1610	5.0-.90			
4.2mm	.1654	5.0-.80			
19	.1660	5.0-.75			8 - 32
18	.1695				
11/64	.1719			10 - 24	
17	.1730		12 - 24		
16	.1770			10 - 32	
4.5mm	.1772				
15	.1800		12 - 28		
14	.1820	5.5-.90			
13	.1850		12 - 32		
3/16	.1875	5.5-.75 6.0-1.25			

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12	.1890				
11	.1910				10-32
					10-24
10	.1935				
9	.1960	6.0-1.00			
5.0mm	.1968	6.0-1.00			
8	.1990		1/4-20	12-24	
7	.2010			12-28	
13/64	.2031				
6	.2040				
5	.2055				
4	.2090				
3	.2130		1/4-28		
5.5mm	.2165				
7/32	.2187				12-24
2	.2210				
1	.2280	7.0-1.25		1/4-20	
A	.2340				
15/64	.2344			1/4-28	
6.0mm	.2362	7.0-1.00			
B	.2380				
C	.2420				
D	.2460				
1/4	.2500				
E					
6.5mm	.2559				
F	.2570		5/16-18		
G	.2610				
6.7mm	.2638	8.0-1.25			
17/64	.2656				
H	.2660				
I	.2720		5/16-24		
7.0mm	.2756	8.0-1.00			
J	.2770				
K	.2810				
9/32	.2812				
L	.2900			5/16-18	
M	.2950			5/16-24	
7.5mm	.2953				
19/64	.2969				
N	.3020				
5/16	.3125	9.0-1.00	3/8-16		
		9.0-1.25			
8.0mm	.3150				
O	.3160				
P	.3230				
21/64	.3281				
Q	.3320		3/8-24		
8.5mm	.3346	10.0-1.50			
R	.3390				
8.7mm	.3425	10.0-1.25			
11/32	.3437				
S	.3480			3/8-16	
9.0mm	.3543				

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T	.3580			3/8 - 24	
23/64	.3594	10.0-1.00			
U	.3680		7/16 - 14		
9.5mm	.3740				
3/8	.3750	11.0-1.50			
V	.3770				
W	.3860		7/16 - 20		
25/64	.3906				
10.0mm	.3937				
X	.3970				
10.2mm	.4016	12.0-1.75			
Y	.4040				
13/32	.4062	12.0-1.50		7/16 - 14	
		12.0-1.75			
Z	.4130			7/16 - 20	
10.5mm	.4134				
27/64	.4219		1/2 - 13		
10.8mm	.4252	12.0-1.25			
11.0mm	.4331				
7/16	.4375				
		13.0-2.00			
11.5mm	.4528				
29/64	.4531	13.0-1.50	1/2 - 20		
		13.0-1.75			
15/32	.4687			1/2 - 13	
12.0mm	.4724	14.0-2.00			
31/64	.4844		9/16 - 12	1/2 - 20	
12.5mm	.4921	14.0-1.50			
1/2	.5000	14.0-1.75			
13.0mm	.5118				
33/64	.5156	14.0-1.25	9/16 - 18		
		15.0-2.00			
17/32	.5312	15.0-1.75	5/8 - 11		
13.5mm	.5315				
35/64	.5469				
14.0mm	.5512	16.0-2.00			
9/16	.5625				
14.5mm	.5709	16.0-1.50			
37/64	.5781		5/8 - 18		
15.0mm	.5906				
19/32	.5937	17.0-2.00	11/16 - 11		
39/64	.6094				
15.5mm	.6102				
15.5mm	.6102	18.0-2.50			
5/8	.6250		11/16 - 16		
16.0mm	.6299				
41/64	.6406				
16.5mm	.6496	18.0-1.50			
21/32	.6562		3/4 - 10		
17.0mm	.6693				
43/64	.6719				
11/16	.6875		3/4 - 16		
17.5mm	.6890	20.0-2.50			
45/64	.7031				

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18.0mm	.7087				
23/32	.7187				
18.5mm	.7283	20.0-1.50			
47/64	.7344				
19.0mm	.7480				
3/4	.7500				
49/64	.7656		7/8-9		
19.5mm	.7677	22.0-2.50			
25/32	.7812				
20.0mm	.7874				
51/64	.7969				
20.5mm	.8071	22.0-1.50			
13/16	.8125		7/8-14		
21.0mm	.8268	24.0-3.00			
53/64	.8281				
27/32	.8437				
21.5mm	.8465				
55/64	.8594				
22.0mm	.8661	24.0-2.00			
7/8	.8750		1-8		
22.5mm	.8858				
57/64	.8906				
23.0mm	.9055				
29/32	.9062				
59/64	.9219				
23.5mm	.9252				
15/16	.9375		1-12		
			1-14		
24.0mm	.9449	27.0-3.00			
61/64	.9531				
24.5mm	.9646				
31/32	.9687				
25.0mm	.9843	27.0-2.00			
63/64	.9844		1 1/8-7		
1	1.0000				
25.4mm	1.0000				
26.5mm	1.0433	30.0-3.50			
1 3/64	1.0469		1 1/8-12		
28.0mm	1.1024	30.0-2.00			
1 7/64	1.1094		1 1/4-7		
1 1/8	1.1250				
29.5mm	1.1614	33.0-3.50			
1 11/64	1.1719		1 1/4-12		
1 7/32	1.2188		1 3/8-6		
31.0mm	1.2205	33.0-2.00			
1 1/4	1.2500				
32.0mm	1.2598	36.0-4.00			
1 19/64	1.2969		1 3/8-12		
33.0mm	1.2992	36.0-3.00			
1 11/32	1.3438		1 1/2-6		
1 3/8	1.3750				
35.0mm	1.3780	39.0-4.00			
36.0mm	1.4173	39.0-3.00			
1 27/64	1.4219		1 1/2-12		

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1 1/2	1.5000				
1 35/64	1.5469		1 3/4- 5		
1 43/64	1.6719		1 3/4- 12		
1 25/32	1.7813		2-4 1/2		
1 59/64	1.9129		2 - 12		
2 1/32	2.0313		2 1/4-4 1/2		
2 1/4	2.2500		2 1/2- 4		
2 1/2	2.5000		2 3/4- 4		
3 3/4	3.7500		3 - 4		

