

DRILL TAP DECIMAL EQUIVALENT CHART

DRILL SIZE	DECIMAL EQUIVALENT	TAP SIZE	DRILL SIZE	DECIMAL EQUIVALENT	TAP SIZE	DRILL SIZE	DECIMAL EQUIVALENT	TAP SIZE		
1/64	80	.0125	13/64	10	.1935	5/8	59	.9219	1 - 12	
	79	.0145		9	.1960		64	15/16	.9375	1 - 14
	78	.0156		8	.1990		61	31/64	.9531	
	77	.0180		7	.2010		64	32	.9688	
	76	.0200		6	.2031		64	32	.9844	1 1/8 - 7
	75	.0210		5	.2040		1 3/64	1	1.0000	1 1/8 - 12
	74	.0225		4	.2055		17/64	1 1/8	1.0469	1 1/8 - 7
	73	.0240		3	.2090		1 1/4	1 1/8	1.1250	
	72	.0250		2	.2130		1 1/2	1 1/4	1.1719	1 1/4 - 12
	71	.0260		1	.2188		1 3/4	1 1/2	1.2188	1 3/8 - 6
	70	.0280		A	.2210		1 7/8	1 3/4	1.2500	1 3/8 - 12
	1/32	69		.0292	15/64		1	.2280	1 19/64	1 1/2
68		.0310	B	.2340	1 1/2	1 3/4	1.3750	1 1/2 - 12		
67		.0320	C	.2344	1 3/4	1 7/8	1.4219			
66		.0330	D	.2380	1 7/8	2	1.5000			
65		.0350	E	.2420	2					
64		.0360	F	.2460						
63		.0370	G	.2500						
62		.0380	H	.2570						
61		.0390	I	.2610						
60		.0400	J	.2660						
59		.0410	K	.2720						
3/64		58	.0420	9/32	9	.2770				
	57	.0430	L	.2810						
	56	.0445	M	.2812						
	55	.0469	19/64	19	.2900					
	54	.0520	N	.2950						
	53	.0550	O	.2969						
	52	.0625	P	.3020						
	51	.0635	Q	.3125						
	50	.0700	R	.3160						
	49	.0730	S	.3230						
	48	.0760	T	.3281						
	5/64	47	.0781	11/32	11	.3320				
46		.0785	U	.3390						
45		.0810	V	.3438						
44		.0820	W	.3480						
43		.0860	X	.3580						
42		.0890	Y	.3594						
41		.0935	Z	.3680						
40		.0960		.3750						
39		.0980		.3770						
38		.0995		.3860						
37		.1040		.3906						
7/64		36	.1065	13/32	13	.3970				
	35	.1094		.4040						
	34	.1100		.4062						
	33	.1130		.4130						
	32	.1160		.4219						
	31	.1200		.4294						
	30	.1250		.4375						
	29	.1285		.4531						
	28	.1340		.4688						
	27	.1400		.4844						
	26	.1440		.5000						
	9/64	25	.1495	15/32	15	.5156				
24		.1520		.5160						
23		.1540		.5312						
22		.1562		.5469						
21		.1570		.5525						
20		.1590		.5781						
19		.1610		.5938						
18		.1640		.6094						
17		.1695		.6250						
16		.1719		.6406						
15		.1730		.6562						
11/64		14	.1770	17/32	17	.6719				
	13	.1800		.6875						
	12	.1820		.7031						
	11	.1850		.7188						
	10	.1875		.7344						
	9	.1890		.7500						
	8	.1910		.7656						
	7	.1935		.7812						
	6	.1960		.7969						
	5	.1990		.8125						
	4	.2010		.8281						
	3	.2031		.8438						
2	.2040		.8594							
1	.2055		.8750							
A	.2090		.8906							
B	.2130		.9062							
C	.2188									
D	.2210									
E	.2280									
F	.2340									
G	.2344									
H	.2380									
I	.2420									
J	.2460									
K	.2500									
L	.2570									
M	.2610									
N	.2660									
O	.2720									
P	.2770									
Q	.2810									
R	.2812									
S	.2900									
T	.2950									
U	.2969									
V	.3020									
W	.3125									
X	.3160									
Y	.3230									
Z	.3281									

METRIC TAP DRILL SIZES		
METRIC TAP	TAP DRILL (mm)	DECIMAL (inch)
M1.6 x 0.35	1.25	.0492
M1.8 x 0.35	1.45	.0571
M2 x 0.4	1.60	.0630
M2.2 x 0.45	1.75	.0689
M2.5 x 0.45	2.05	.0807
M3 x 0.5	2.50	.0984
M3.5 x 0.6	2.90	.1142
M4 x 0.7	3.30	.1299
M4.5 x 0.75	3.70	.1457
M5 x 0.8	4.20	.1654
M6 x 1	5.00	.1968
M7 x 1	6.00	.2362
M8 x 1.25	6.70	.2638
M8 x 1	7.00	.2756
M10 x 1.5	8.50	.3346
M10 x 1.25	8.70	.3425
M12 x 1.75	10.20	.4016
M12 x 1.25	10.80	.4252
M14 x 2	12.00	.4724
M14 x 1.5	12.50	.4921
M16 x 2	14.00	.5512
M16 x 1.5	14.50	.5709
M18 x 2.5	15.50	.6102
M18 x 1.5	16.50	.6496
M20 x 2.5	17.50	.6890
M20 x 1.5	18.50	.7283
M22 x 2.5	19.50	.7677
M22 x 1.5	20.50	.8071
M24 x 3	21.00	.8268
M24 x 2	22.00	.8661
M27 x 3	24.00	.9449
M27 x 2	25.00	.9843
M30 x 3.5	26.50	1.0433
M30 x 2	28.00	1.1024
M33 x 3.5	29.50	1.1614
M33 x 2	31.00	1.2205
M36 x 4	32.00	1.2598
M36 x 3	33.00	1.2992
M39 x 4	35.00	1.3780
M39 x 3	36.00	1.4173

THREAD DRILL EQUIVALENTS			
THREAD	DRILL	THREAD	DRILL
1 1/8 - 27	11/32	1 1/2 - 11 1/2	1 3/4
1 1/4 - 18	7/16	2 - 11 1/2	2 1/2
3/8 - 18	31/64	2 1/2 - 8	2 1/2
1/2 - 14	23/32	3 - 8	3 1/4
3/4 - 14	59/64	3 1/2 - 8	3 3/4
1 - 11 1/2	1 5/32	4 - 8	4 1/4
1 1/4 - 11 1/2	1 1/2		

