

INCH / METRIC TAP DRILL SIZES & DECIMAL EQUIVALENTS

INCH			METRIC		
DRILL SIZE	DECIMAL EQUIVALENT	TAP SIZE	DRILL SIZE	DECIMAL EQUIVALENT	TAP SIZE
80 1 64 79	.0135	0 - 80	10 9 8 7	.1935	1/4 - 20
78 77 76 75 74 73 72 71 70 69 68	.0145 .0156 .0160 .0180 .0200 .0210 .0225 .0240 .0250 .0260 .0280 .0292		13 64	.1960 .1990 .2010 .2031 .2040 .2055 .2090 .2130 .2188 .2210 .2280 .2340	
1 32	.0310		15 64	.2344	
67 66 65 64 63 62 61 60 59 58 57 56	.0312 .0320 .0330 .0350 .0360 .0370 .0380 .0390 .0400 .0410 .0420 .0430 .0465		7 32	.2380 .2420 .2460 1 4 .2500 .2570 .2610 .2656 .2660 .2720 .2770 .2810 .2812 .2900	
3 64	.0469		17 64	.2950 .2969 .3020	
55 54 53	.0520 .0550 .0595		19 64	.3160	
1 16	.0625		5 16	.3125	
52 51 50 49 48	.0635 .0670 .0700 .0730 .0760		21 64	.3230 .3281 .3320 .3390 .3438 .3480 .3580 .3594 .3680	
5 64	.0781		11 32	.3770 .3860 .3906 .3970 .4040 .4062 .4130 .4219 .4375	
47 46 45 44 43 42	.0785 .0810 .0820 .0860 .0890 .0935		23 64	.4531 .4688 .4844 .5000	
3 32	.0938	8 - 32, 36	25 64	.5156 .5312 .5469 .5625	
41 40 39 38 37 36	.0960 .0980 .0995 .1015 .1040 .1065		13 32	.5781 .5938 .6094 .6250	
7 64	.1094		27 64	.6406 .6562 .6719 .6875	
35 34 33 32 31	.1100 .1110 .1130 .1160 .1200		15 32	.7031 .7188 .7344 .7500	
1 8	.1250		33 64	.7656 .7812 .7969 .8125	
30 29 28	.1285 .1360 .1405		35 32	.8281 .8438 .8594 .8750	
9 64	.1406		41 64	.8906 .9062	
27 26 25 24 23	.1440 .1470 .1495 .1520 .1540		43 64		
5 32	.1562		45 64		
22 21 20 19 18	.1570 .1590 .1610 .1660 .1695		47 64		
17 16 15 14 13	.1730 .1770 .1800 .1820 .1850	12 - 28	49 64		
11 64	.1719		25 32		
	.1730		51 64		
3 16	.1875	12 - 24	53 64		7/8 - 14
12 11	.1890 .1910		27 32		
			55 64		
			57 64		1 - 8
			29 32		

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