

INCH/METRIC TAP DRILL SIZES & DECIMAL EQUIVALENTS

DRILL SIZE	DECIMAL EQUIVALENT	TAP SIZE	DRILL SIZE	DECIMAL EQUIVALENT	TAP SIZE	DRILL SIZE	DECIMAL EQUIVALENT	TAP SIZE
	80 .0135		10	.1935		59		
1	79 .0145		9	.1960		64	15	.9219
64	.0156		8	.1990		61	16	.9375
	78 .0160		7	.2010	1/4 - 20	64	31	.9531
	77 .0180		6	.2031		63	32	.9688
	76 .0200		64	.2040		64	1	.9844
	75 .0210		6	.2055				11/8 - 7
	74 .0225		5	.2090		13/64		1.0000
	73 .0240		4	.2130	1/4 - 28	17/64		1.0469
	72 .0250		3	.2188		11/8		1.1094
	71 .0260		32	.2210				1.1250
	70 .0280		2	.2280		111/64		1.1719
	69 .0292		1	.2340		17/32		1.2188
	68 .0310		A	.2344				1.2500
1	32 .0312		64	.2380		119/64		1.2969
	67 .0320			.2420		111/32		1.3438
	66 .0330			.2460		13/8		1.3750
	65 .0350		1	.2500		127/64		1.4219
	64 .0360		4	.2570	5/16 - 18			1.5000
	63 .0370			.2610				
	62 .0380		17	.2656				
	61 .0390		64	.2660				
	60 .0400			.2720	5/16 - 24			
	59 .0410			.2770				
	58 .0420			.2810				
	57 .0430		9	.2812				
	56 .0465		32	.2812				
3	64 .0469	0 - 80		.2900				
	55 .0520		19	.2950				
	54 .0550		64	.2969				
1	16 53 .0595	1 - 64, 72		.3020				
	.0625		5	.3125	3/8 - 16			
	52 .0635		16	.3160				
	51 .0670			.3230				
	50 .0700	2 - 56, 64	21	.3281				
	49 .0730		64	.3320	3/8 - 24			
	48 .0760			.3390				
5	64 .0781		11	.3438				
	47 .0785	3 - 48	32	.3480				
	46 .0810			.3580				
	45 .0820	3 - 56	23	.3594				
	44 .0860		64	.3680	7/16 - 14			
	43 .0890	4 - 40		.3750				
	42 .0935	4 - 48	3	.3770				
3	32 .0938		8	.3770				
	41 .0960			.3860				
	40 .0980		25	.3906	7/16 - 20			
	39 .0995		64	.3970				
	38 .1015	5 - 40		.4040				
	37 .1040	5 - 44	13	.4062				
	36 .1065	6 - 32	32	.4130				
7	64 .1094		27	.4219	1/2 - 13			
	35 .1100		64	.4219				
	34 .1110		7	.4375	1/2 - 20			
	33 .1130		29	.4531				
	32 .1160	6 - 40	64	.4688	9/16 - 12			
	31 .1200		15	.4844				
	30 .1250		31	.5000	9/16 - 18			
	29 .1285		32	.5156	5/8 - 11			
	28 .1360	8 - 32, 36	17	.5312				
	27 .1405		35	.5469				
9	64 .1406		64	.5625				
	26 .1440		9	.5781	5/8 - 18			
	25 .1470		19	.5938				
	24 .1495	10 - 24	32	.6094				
	23 .1520		5	.6250				
	22 .1540		8	.6406				
5	32 .1562		41	.6562	3/4 - 10			
	21 .1570		21	.6719				
	20 .1590	10 - 32	32	.6875	3/4 - 16			
	19 .1610		11	.7031				
	18 .1660		16	.7188				
	17 .1695		23	.7344				
	16 .1719		32	.7500	7/8 - 9			
	15 .1730		4	.7656				
	14 .1770	12 - 24	25	.7812				
	13 .1800		32	.7969				
	12 .1820	12 - 28	13	.8125	7/8 - 14			
	11 .1850		16	.8281				
3	16 13 .1875		53	.8438				
	12 .1890		27	.8594				
	11 .1910		32	.8750	1 - 8			
			7	.8906				
			8	.9062				
			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

PIPE THREAD SIZES (NPSC)			
THREAD	DRILL	THREAD	DRILL
1/8 - 27	11/32	1 1/2 - 11 1/2	1 3/4
1/4 - 18	7/16	2 - 11 1/2	2 7/32
3/8 - 18	37/64	2 1/2 - 8	2 21/32
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	15/32	4 - 8	4 1/4
1 1/4 - 11 1/2	11/2		