

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