

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

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		