

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		$\frac{64}{64}$		$\frac{15}{16}$	1 - 14			
		.0156			8				.1990				
		.0160			7				.2010				
		.0180			6				.2031				
		.0200			6				.2040				1 1/8 - 7
		.0210			5				.2055			1	1.0000
		.0225			4				.2090				1.0469
		.0240			4				.2090				1.1094
		.0250			3				.2130			1 1/8	1.1250
		.0260			3				.2188				1.1719
		.0280			2				.2210				1.2188
		.0292			1				.2280			1 1/4	1.2500
		.0310			A				.2340				1.2969
		.0312			B				.2344			1 1/4	1.3438
		.0320			C				.2380				1.3750
		.0330			D				.2420			1 3/8	1.4219
		.0350			E				.2460			1 1/2	1.5000
		.0360			F				.2500				
		.0370			G				.2570		5/16 - 18		
		.0380							.2610				
	.0390			.2656									
	.0400			.2660									
	.0410			.2720	5/16 - 24								
	.0420			.2770									
	.0430			.2810									
	.0465			.2812									
	.0469			.2900									
	.0520	0 - 80		.2950									
	.0550			.2969									
	.0595	1 - 64, 72		.3020									
	.0625			.3160									
	.0635			.3230									
	.0670			.3281									
	.0700	2 - 56, 64		.3320									
	.0730			.3390									
	.0760			.3438									
	.0781			.3480									
	.0785	3 - 48		.3580									
	.0810			.3594									
	.0820	3 - 56		.3680									
	.0860			.3770									
	.0890	4 - 40		.3860									
	.0935	4 - 48		.3906									
	.0938			.3970									
	.0960			.3970									
	.0980			.4040									
	.0995			.4062									
	.1015	5 - 40		.4130									
	.1040	5 - 44		.4219									
	.1065	6 - 32		.4375									
	.1094			.4531									
	.1100			.4688									
	.1110			.4844									
	.1130	6 - 40		.5000									
	.1160			.5156									
	.1200			.5312									
	.1250			.5469									
	.1285			.5625									
	.1360	8 - 32, 36		.5781									
	.1405			.5938									
	.1406			.6094									
	.1440			.6250									
	.1470			.6406									
	.1495	10 - 24		.6562									
	.1520			.6719									
	.1540			.6875									
	.1562			.7031									
	.1570			.7188									
	.1590	10 - 32		.7344									
	.1610			.7500									
	.1660			.7656									
	.1695			.7812									
	.1719			.7969									
	.1730	12 - 24		.8125									
	.1770			.8281									
	.1800	12 - 28		.8438									
	.1820			.8594									
	.1850			.8750									
	.1875			.8906									
	.1890			.9062									
	.1910												

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		