

Precision, Quality and Innovation...
Since 1880

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