

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		$\frac{61}{64}$			1 - 14												
		.0156		8	.1990				$\frac{15}{16}$.9219											
	78	.0160		7	.2010		$\frac{63}{64}$		$\frac{31}{32}$.9531												
	77	.0180		6	.2031				1		.9688											
	76	.0200		5	.2040					$\frac{13}{64}$.9844										
	75	.0210		4	.2055						$\frac{17}{64}$		1.0000									
	74	.0225		3	.2090							$\frac{11}{64}$		1.0469								
	73	.0240		2	.2130								$\frac{17}{32}$		1.1094							
	72	.0250		1	.2188									$\frac{11}{8}$		1.1250						
	71	.0260		A	.2210										$\frac{11}{4}$		1.1719					
	70	.0280		B	.2280											$\frac{13}{8}$		1.2188				
69	.0292	C	.2340	$\frac{11}{2}$		1.2500																
68	.0310	D	.2344		$\frac{119}{64}$			1.2969														
$\frac{1}{32}$.0312	$\frac{15}{64}$			E		.2380									$\frac{111}{32}$		1.3438			
	67	.0320				F	.2420	$\frac{13}{8}$											1.3750			
	66	.0330				G	.2460		$\frac{127}{64}$										1.4219			
	65	.0350				H	.2500			1.5000									1.5000			
	64	.0360				I	.2570				5/16 - 18											
	63	.0370				J	.2610					5/16 - 24										
	62	.0380				K	.2656						3/8 - 16									
	61	.0390				L	.2660							3/8 - 24								
	60	.0400				M	.2720								7/16 - 14							
	59	.0410				N	.2770									7/16 - 20						
	58	.0420		O		.2810	1/2 - 13															
	57	.0430		P	.2812	1/2 - 20																
56	.0465	9	.2812	9/16 - 12																		
$\frac{3}{64}$.0469	$\frac{9}{32}$		32			.2812									9/16 - 18					
		.0469			L			.2900	5/8 - 11													
		.0469			M			.2950		5/8 - 18												
		.0520			N			.2969			7/8 - 9											
		.0550			O			.3020				7/8 - 14										
		.0595			P			.3125					7/8 - 18									
		.0625			21			.3160						1 - 8								
		.0635			$\frac{23}{64}$			32							.3230			1 - 12				
		.0670						64							.3281	1 - 14						
		.0700					11	.3320							1 - 18							
		.0730				$\frac{3}{32}$	32	.3390											1 - 24			
		.0760		64			.3438	2 - 8														
	.0781	11	.3480	2 - 12																		
	.0785	$\frac{25}{64}$	32				.3580		2 - 16													
	.0810		64				.3594			2 - 20												
	.0820		3				.3680				2 - 24											
	.0860		$\frac{3}{8}$				8					.3770					2 - 28					
	.0890						11					.3860	2 - 32									
	.0935						$\frac{27}{64}$					32		.3906						2 - 36		
	.0938				64							.3970		2 - 40								
	.0960				13							.4040				2 - 44						
	.0980				$\frac{29}{64}$							32			.4062			2 - 48				
	.0995					64						.4130			2 - 52							
	.1015					7		.4219				2 - 56										
	.1040			$\frac{29}{64}$		16		.4375											2 - 60			
	.1065	31				.4531		2 - 64														
	.1094	$\frac{31}{64}$				32			.4688	2 - 68												
	.1100					64			.4844		2 - 72											
	.1110		1			.5000			2 - 76													
	.1130		$\frac{33}{64}$			2							.5156				2 - 80					
	.1160					17	.5312						2 - 84									
	.1200					$\frac{35}{64}$	32							.5469						2 - 88		
	.1250						64							.5625		2 - 92						
	.1285				9		.5781							2 - 96								
	.1360				$\frac{37}{64}$		16								.5938			2 - 100				
	.1405						32					.6094			2 - 104							
	.1406			$\frac{41}{64}$			5					.6250							2 - 108			
	.1440						8	.6406				2 - 112										
	.1470	$\frac{43}{64}$					8	.6562		2 - 116												
	.1495						21	.6719			2 - 120											
	.1520						$\frac{45}{64}$	16	.6875												2 - 124	
	.1540		23					.7031	2 - 128													
	.1562		$\frac{47}{64}$					32					.7188				2 - 132					
	.1570					3		.7344					2 - 136									
	.1590					$\frac{49}{64}$		4								.7500				2 - 140		
	.1610							25						.7656		2 - 144						
	.1660				$\frac{51}{64}$			32						.7812				2 - 148				
	.1695							13						.7969	2 - 152							
	.1719			$\frac{53}{64}$				16						.8125					2 - 156			
	.1730							27				.8281		2 - 160								
	.1770	$\frac{55}{64}$						32		.8438		2 - 164										
	.1800							7		.8594	2 - 168											
	.1820						$\frac{57}{64}$	8		.8750											2 - 172	
	.1850							29	.8906	2 - 176												
	.1875		$\frac{59}{64}$					32	.9062								2 - 180					
	.1890							11					2 - 184									
	.1910								2 - 188													

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		