

INCH/METRIC TAP DRILL SIZES & DECIMAL EQUIVALENTS

DRILL SIZE	DECIMAL EQUIVALENT	TAP SIZE	METRIC TAP DRILL SIZES			
			METRIC TAP	TAP DRILL (mm)	DECIMAL (Inch)	
$\frac{39}{64}$ $\frac{19}{32}$	.5938	$\frac{3}{4}$ - 10	M1.6 x 0.35	1.25	.0492
$\frac{64}{64}$ $\frac{5}{8}$	.6094		M1.8 x 0.35	1.45	.0571
$\frac{41}{64}$ $\frac{5}{8}$	.6250		M2 x 0.4	1.60	.0630
$\frac{64}{64}$ $\frac{21}{32}$	.6406		M2.2 x 0.45	1.75	.0689
$\frac{43}{64}$ $\frac{32}{64}$	.6562	$\frac{3}{4}$ - 16	M2.5 x 0.45	2.05	.0807
$\frac{64}{64}$ $\frac{11}{16}$	.6719		M3 x 0.5	2.50	.0984
$\frac{45}{64}$ $\frac{11}{16}$	.6875		M3.5 x 0.6	2.90	.1142
$\frac{64}{64}$ $\frac{23}{32}$	.7031		M4 x 0.7	3.30	.1299
$\frac{47}{64}$ $\frac{32}{64}$	.7188	$\frac{7}{8}$ - 9	M4.5 x 0.75	3.70	.1457
$\frac{64}{64}$ $\frac{3}{4}$	.7344		M5 x 0.8	4.20	.1654
$\frac{49}{64}$ $\frac{3}{4}$	.7500		M6 x 1	5.00	.1968
$\frac{64}{64}$ $\frac{25}{32}$	.7656		M7 x 1	6.00	.2362
$\frac{51}{64}$ $\frac{32}{64}$	.7812	$\frac{7}{8}$ - 14	M8 x 1.25	6.70	.2638
$\frac{64}{64}$ $\frac{13}{16}$	.7969		M8 x 1	7.00	.2756
$\frac{53}{64}$ $\frac{13}{16}$	.8125		M10 x 1.5	8.50	.3346
$\frac{64}{64}$ $\frac{27}{32}$	.8281		M10 x 1.25	8.70	.3425
$\frac{55}{64}$ $\frac{32}{64}$	.8438	1 - 8	M12 x 1.75	10.20	.4016
$\frac{64}{64}$ $\frac{7}{8}$	.8594		M12 x 1.25	10.80	.4252
$\frac{57}{64}$ $\frac{7}{8}$	.8750		M14 x 2	12.00	.4724
$\frac{64}{64}$ $\frac{29}{32}$	.8906		M14 x 1.5	12.50	.4921
$\frac{59}{64}$ $\frac{32}{64}$	.9062	1 - 12	M16 x 2	14.00	.5512
$\frac{64}{64}$ $\frac{15}{16}$	.9219		M16 x 1.5	14.50	.5709
$\frac{61}{64}$ $\frac{15}{16}$	.9375		M18 x 2.5	15.50	.6102
$\frac{64}{64}$ $\frac{31}{32}$	.9531		M18 x 1.5	16.50	.6496
$\frac{63}{64}$ $\frac{32}{64}$	.9688	$\frac{11}{8}$ - 7	M20 x 2.5	17.50	.6890
$\frac{64}{64}$ 1	1.0000		M20 x 1.5	18.50	.7283	
$\frac{13}{64}$	1.0469		M22 x 2.5	19.50	.7677	
$\frac{17}{64}$	1.1094		M22 x 1.5	20.50	.8071	
$\frac{11}{64}$ $\frac{11}{8}$	1.1250	$\frac{11}{4}$ - 12	M24 x 3	21.00	.8268	
$\frac{11}{64}$ $\frac{17}{32}$	1.1719		M24 x 2	22.00	.8661	
$\frac{17}{64}$ $\frac{11}{4}$	1.2188		M27 x 3	24.00	.9449	
$\frac{119}{64}$ $\frac{11}{4}$	1.2969		M27 x 2	25.00	.9843	
$\frac{111}{64}$ $\frac{13}{8}$	1.3438	$\frac{11}{2}$ - 12	M30 x 3.5	26.50	1.0433	
$\frac{127}{64}$ $\frac{13}{8}$	1.3750		M30 x 2	28.00	1.1024	
$\frac{127}{64}$ $\frac{11}{2}$	1.4219		M33 x 3.5	29.50	1.1614	
$\frac{11}{2}$	1.5000		M33 x 2	31.00	1.2205	
PIPE THREAD SIZES (NPSC)				M36 x 4	32.00	1.2598
THREAD	DRILL	THREAD	DRILL	M36 x 3	33.00	1.2992
$\frac{1}{8}$ - 27	$\frac{11}{32}$	$\frac{11}{2}$ - $\frac{11}{2}$	$\frac{13}{4}$	M39 x 4	35.00	1.3780
$\frac{1}{4}$ - 18	$\frac{7}{16}$	2 - $\frac{11}{2}$	$\frac{27}{32}$	M39 x 3	36.00	1.4173
$\frac{3}{8}$ - 18	$\frac{37}{64}$	$\frac{21}{2}$ - 8	$\frac{221}{32}$			
$\frac{1}{2}$ - 14	$\frac{23}{32}$	3 - 8	$\frac{31}{4}$			
$\frac{3}{4}$ - 14	$\frac{59}{64}$	$\frac{31}{2}$ - 8	$\frac{33}{4}$			
1 - $\frac{11}{2}$	$\frac{15}{32}$	4 - 8	$\frac{41}{4}$			
$\frac{11}{4}$ - $\frac{11}{2}$	$\frac{11}{2}$					

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DRILL SIZE	DECIMAL EQUIV.	TAP SIZE	DRILL SIZE	DECIMAL EQUIV.	TAP SIZE	DRILL SIZE	DECIMAL EQUIV.	TAP SIZE
	80 .0135		37 .1040		5 - 44	D	.2460	
$\frac{1}{64}$	79 .0145		36 .1065		6 - 32	$\frac{1}{4}$ E	.2500	
						F	.2570	5/16 - 18
	78 .0160		35 .1100			G	.2610	
	77 .0180		34 .1110				.2656	
	76 .0200		33 .1130		6 - 40	H	.2660	
	75 .0210		32 .1160			I	.2720	5/16 - 24
	74 .0225		31 .1200			J	.2770	
	73 .0240		$\frac{1}{8}$ 30 .1250			K	.2810	
	72 .0250		29 .1285		8 - 32, 36	$\frac{9}{32}$ L	.2812	
	71 .0260		28 .1360			M	.2900	
	70 .0280		27 .1405				.2950	
	69 .0292		26 .1406			$\frac{19}{64}$ N	.2969	
$\frac{1}{32}$	68 .0310		$\frac{9}{64}$ 27 .1440			$\frac{5}{16}$ O	.3020	3/8 - 16
			26 .1470			P	.3125	
	67 .0320		25 .1495		10 - 24		.3160	
	66 .0330		24 .1520			21 Q	.3230	
	65 .0350		23 .1540			$\frac{21}{64}$ R	.3281	
	64 .0360		$\frac{5}{32}$ 22 .1562				.3320	3/8 - 24
	63 .0370		21 .1570			11 S	.3390	
	62 .0380		20 .1590		10 - 32	$\frac{11}{32}$ T	.3438	
	61 .0390		19 .1610				.3480	
	60 .0400		18 .1660			23 U	.3580	
	59 .0410		17 .1695			$\frac{23}{64}$ V	.3594	
	58 .0420		$\frac{11}{64}$ 16 .1719			$\frac{3}{8}$ W	.3680	7/16 - 14
	57 .0430		15 .1730				.3750	
$\frac{3}{64}$	56 .0465		14 .1770		12 - 24	X	.3770	
		0 - 80	13 .1800			25 Y	.3860	
	55 .0469		12 .1820		12 - 28	$\frac{25}{64}$ Z	.3906	7/16 - 20
	54 .0550		11 .1850				.3970	
	$\frac{1}{16}$ 53 .0595	1 - 64, 72	$\frac{3}{16}$ 10 .1875			13	.4040	
			9 .1890			$\frac{13}{32}$	.4062	
	52 .0635		8 .1910			27	.4130	
	51 .0670		7 .1935			$\frac{27}{64}$ 7	.4219	1/2 - 13
	50 .0700	2 - 56, 64	6 .1960			$\frac{29}{16}$	.4375	
	49 .0730		5 .1990			$\frac{29}{64}$	.4531	1/2 - 20
	48 .0760		4 .2010		1/4 - 20			
$\frac{5}{64}$			$\frac{13}{64}$ 3 .2031			15	.4688	
			2 .2040			$\frac{15}{32}$		
	47 .0785	3 - 48	1 .2055			31	.4844	9/16 - 12
	46 .0810		3/4 4 .2090			$\frac{31}{64}$ 1	.5000	
	45 .0820	3 - 56	3/8 3 .2130		1/4 - 28	$\frac{33}{64}$ 2	.5156	9/16 - 18
	44 .0860		2 .2188					
	43 .0890	4 - 40	$\frac{7}{32}$ 1 .2210			17	.5312	5/8 - 11
	42 .0935	4 - 48	1/2 A .2280			$\frac{17}{32}$		
$\frac{3}{32}$			3/4 B .2340			35	.5469	
			$\frac{15}{64}$ 1/2 C .2344			$\frac{35}{64}$ 9	.5625	
	41 .0960		1/2 B .2380			$\frac{37}{64}$ 16	.5781	5/8 - 18
	40 .0980		3/4 C .2420					
	39 .0995	5 - 40						
	38 .1015							