

Precision, Quality and Innovation... Since 1880

INCH/METRIC TAP DRILL SIZES & DECIMAL EQUIVALENTS

T	DRILL SIZE	DECIMAL	TAP SIZE	DRILL SIZE	DECIMAL	TAP SIZE
ŀ	80	.0135		10	.1935	
1	. 79	.0145		9	.1960	
1	64 70	.0156		8 7	.1990	1/. 20
	78 77	.0160 .0180		13 /	.2010 .2031	1/4 - 20
	76	.0200		64 6	.2040	智用品类。引
	75	.0210	THE LAND TO SERVICE	6 5 4	.2055	
	74 73	.0225 .0240		- 4 3	.2090 .2130	1/4 - 28
1	72	.0250		7 32 2	.2188	74-20
	71	.0260		_	.2210	
	70 69	.0280 .0292		1 A	.2280 .2340	
1	60	.0310		15 ^	.2344	
1	32	.0312		B C	.2380	
	67 66	.0320 .0330		C 4 D	.2420	
	65	.0350		1 E	.2460 .2500	
	64	.0360		" F	.2570	5/16 - 18
1	63	.0370		17 G	.2610	
	62 61	.0380 .0390		17 64 H	.2656 .2660	
	60	.0400		1	.2720	5/16 - 24
	59	.0410		J	.2770	
	58 57	.0420 .0430		9 K	.2810 .2812	
	EG	.0465		32 L	.2900	
	3 56	.0469	0 - 80	19 M	.2950	
	55 54	.0520 .0550		19 M	.2969 .3020	
	1 53	.0595	1 - 64, 72	16 O	.3125	³ /8 - 16
	16	.0625		U	.3160	
1	52 51	.0635 .0670		21 P 64 O	.3230 .3281	
	50	.0700	2 - 56, 64	64 Q	.3320	3/8 - 24
	49	.0730		D	.3390	
	5 48 64 47	.0760 .0781		11 K	.3438 .3480	
	64 47	.0785	3 - 48	ş	.3580	
	46	.0810		64	.3594	
	45 44	.0820 .0860	3 - 56	3 0	.3680	⁷ /16 - 14
	43	.0890	4 - 40	8 V	.3750 .3770	
	42	.0935	4 - 48	W	.3860	
	3 42 32 41	.0938		25 64	.3906	7/16 - 20
	40	.0980		12 X	.3970 .4040	
	39	.0995	F 40	22	.4062	
	38 37	.1015 .1040	5 - 40 5 - 44		.4130	11 10
	36	.1065	6 - 32	27 <u>2</u> 64 <u>7</u>	.4219	1/2 - 13
	7 36	.1094		29 16 64 15	.4531	1/2 - 20
	35 34	.1100 .1110		31 32	.4688	01 40
	33	.1130	6 - 40	64 1	.4844	9/16 - 12
	32	.1160		33 2 64 17	.5000 .5156	9/16 - 18
	1 31	.1200 .1250		35 32	.5312	5/8 - 11
	8 30	.1285		64 9	.5469	
	29 28	.1360	8 - 32, 36	37 16	.5625	5/o . 49
	9 28	.1405 .1406		64 19	.5781 .5938	5/8 - 18
	64 27	.1440		39 32 64 5	.6094	
	27 26	.1470			.6250	
	25 24	.1495 .1520	10 - 24	64 21	.6406 .6562	3/4 - 10
	22	.1540			.6719	
	32	.1562 .1570		64 <u>11</u> 45 16	.6875	³ /4 - 16
	32 22 21	1570	10.32	64 23	.7031 .7188	
	20	.1590 .1610	10 - 32	47 32	.7344	
	19	.1660		64 <u>3</u> 49 4	.7500	7.
	11 18	.1695		64 25	.7656	7/8 - 9
	64 17	.1719 .1730		51 32	.7812 .7969	
	16	.1770	12 - 24	64 <u>13</u> 53 16	.8125	7/8 - 14
	15	.1800			.8281	
	14 2 13	.1820 .1850	12 - 28	55 32	.8438 .8594	
	46	.1875			.8750	1 - 8
	10 12 11	.1890			.8906	
	111	.1910		64 <u>29</u> 32	.9062	

DRILL SIZE	DECIMAL EQUIVALENT	TAPSIZE	
59 64 15	.9219	1 - 12	
	.9375	1 - 14	
	.9531		
64 31	.9688		
63 32	.9844	11/8 - 7	
64 1 —	1.0000		
13/64	1.0469	11/8 - 12	
17/64	1.1094	11/4 - 7	
11/8 —	1.1250		
111/64	1.1719	11/4 - 12	
17/32	1.2188	$1^3/8 - 6$	
11/4 —	1.2500		
119/64	1.2969	13/8 - 12	
111/32	1.3438	$1^{1/2} - 6$	
13/8 —	1.3750		
127/64	1.4219	11/2 - 12	
11/2-	1.5000		

METRIC	C TAP DRILL SIZ	ES
METRIC TAP	TAP DRILL (mm)	DECIMAL (Inch)
M1.6 x 0.35	1.25 1.45	.0492
M1.8 x 0.35		.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 3.5	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 4	32.00	1.2598
M39 x 4	35.00	1.2992
M39 x 3	36.00	1.4173
MISAXS	30.00	1.41/3

THREAD	DRILL	THREAD	DRILL
1/8 - 27	11/32	$1^{1/2} - 11^{1/2}$	13/4
$^{1/4} - 18$	7/16	$2 - 11^{1/2}$	27/32
3/8 - 18	37/64	$2^{1/2} - 8$	221/32
1/2 - 14	23/32	3 – 8	31/4
$^{3}/_{4} - 14$	59/64	$3^{1/2} - 8$	33/4
1 - 111/2	15/32	4 – 8	41/4
11/4 - 111/2	11/2		