

Providing Metalforming Solutions to Industry Since 1929

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				$\frac{63}{64}$		$\frac{15}{16}$	$\frac{11}{8}$ - 7												
	78	.0160		7	.2010						$\frac{31}{32}$			1 1/8 - 7										
	77	.0180		6	.2031								$\frac{1}{1}$			1 1/8 - 12								
	76	.0200		5	.2040										$\frac{17}{32}$			1 1/4 - 7						
	75	.0210		4	.2055												$\frac{111}{64}$			1 1/4 - 12				
	74	.0225		3	.2090														$\frac{17}{32}$			1 3/8 - 6		
	73	.0240		2	.2130																$\frac{119}{64}$			1 3/8 - 12
	72	.0250		1	.2188																		$\frac{111}{32}$	
71	.0260	A	.2210	$\frac{13}{8}$		1 1/2 - 12																		
70	.0280	B	.2280		$\frac{11}{2}$																			
69	.0292	C	.2340																					
68	.0310	D	.2344																					
$\frac{1}{32}$.0312	$\frac{15}{64}$.2380															
	67	.0320							.2420															
	66	.0330							.2460															
	65	.0350							.2500															
	64	.0360							.2570															
	63	.0370							.2610															
	62	.0380				.2656																		
	61	.0390			.2660																			
	60	.0400			.2720																			
	59	.0410			.2770																			
$\frac{3}{64}$	58	.0420	$\frac{17}{64}$.2810																			
	57	.0430			.2812																			
	56	.0465			.2900																			
		.0469			.2950																			
	55	.0520			.2969																			
	54	.0550			.3020																			
	53	.0595			.3125																			
		.0625			.3160																			
	52	.0635			.3230																			
	51	.0670			.3281																			
$\frac{1}{16}$	50	.0700	$\frac{9}{32}$.3320																			
	49	.0730			.3390																			
	48	.0760			.3438																			
		.0781			.3480																			
	47	.0785			.3580																			
	46	.0810			.3594																			
	45	.0820			.3680																			
	44	.0860			.3770																			
	43	.0890			.3860																			
	42	.0935			.3906																			
$\frac{5}{64}$.0938	$\frac{11}{32}$.3970																			
	41	.0960			.4040																			
	40	.0980			.4062																			
	39	.0995			.4130																			
	38	.1015			.4219																			
	37	.1040			.4219																			
	36	.1065			.4375																			
		.1094			.4531																			
	35	.1100			.4688																			
	34	.1110			.4844																			
$\frac{7}{64}$	33	.1130	$\frac{25}{64}$.5000																			
	32	.1160			.5156																			
	31	.1200			.5312																			
		.1250			.5469																			
	30	.1285			.5625																			
	29	.1360			.5781																			
	28	.1405			.5938																			
		.1406			.6094																			
	27	.1440			.6250																			
	26	.1470			.6406																			
$\frac{9}{64}$	25	.1495	$\frac{13}{32}$.6562																			
	24	.1520			.6719																			
	23	.1540			.6875																			
		.1562			.7031																			
	22	.1570			.7188																			
	21	.1590			.7344																			
	20	.1610			.7500																			
	19	.1660			.7656																			
	18	.1695			.7812																			
		.1719			.7969																			
$\frac{11}{64}$	17	.1730	$\frac{27}{64}$.8125																			
	16	.1770			.8281																			
	15	.1800			.8438																			
	14	.1820			.8594																			
	13	.1850			.8750																			
		.1875			.8906																			
	12	.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