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BLIND
SPECIALISTS, LLC



INCH/METRIC TAP DRILL SIZES & DECIMAL EQUIVALENTS

DRILL SIZE	DECIMAL EQUIV.	TAP SIZE	DRILL SIZE	DECIMAL EQUIV.	TAP SIZE	DRILL SIZE	DECIMAL EQUIV.	TAP SIZE
<u>1</u> 64	80 .0135		37 .1040	.1040	5 - 44	D	.2460	5/16 - 18
	79 .0145		36 .1065	6 - 32	<u>1</u> 4	E	.2500	
	.0156		.1094		F	.2570		
	78 .0160		35 .1100		G	.2610		
	77 .0180		34 .1110	6 - 40	17 64	H	.2656	
	76 .0200		33 .1130		I	.2660		
	75 .0210		32 .1160		J	.2720		
	74 .0225		31 .1200		K	.2770		
	73 .0240		<u>1</u> 8	.1250	9 32	L	.2810	
	72 .0250		30 .1285	8 - 32, 36	32	M	.2812	
71 .0260	29 .1360		19 64	N	.2900			
70 .0280	28 .1405		5 16	O	.2950			
69 .0292	27 .1440	10 - 24	21 64	P	.2969			
<u>1</u> 32	.0310	26 .1470			Q	.3020	3/8 - 16	
.0312	25 .1495	10 - 32	11 32	R	.3125			
67 .0320	24 .1520			S	.3160			
66 .0330	23 .1540		23 64	T	.3230			
65 .0350	<u>5</u> 32	.1562		U	.3281			
64 .0360	22 .1570			V	.3320			
63 .0370	21 .1590		13 32	W	.3390			
62 .0380	20 .1610			X	.3438			
61 .0390	19 .1660		23 64	Y	.3480			
60 .0400	18 .1695		3 8	Z	.3580			
59 .0410	17 .1719	12 - 24				.3594	7/16 - 14	
58 .0420	16 .1730	12 - 28	25 64			.3680		
57 .0430	15 .1800		7 16			.3750		
56 .0465	14 .1820					.3770		
<u>3</u> 64	.0469	1 - 64, 72	13 16	.1875				.3860
55 .0520	12 .1890		12	.1890				.3906
54 .0550	11 .1910		11	.1910				.3970
<u>1</u> 16	53 .0595		10	.1935				.4040
.0625	9 .1960		9	.1960				.4062
52 .0635	8 .1990		8	.1990				.4130
51 .0670	7 .2010	2 - 56, 64	7	.2010	1/4 - 20	15 32	.4219	
50 .0700	.2031		6	.2031		31 64	.4375	
49 .0730	.2040		5	.2040		2 16	.4531	
48 .0760	.2055	3 - 48	4	.2055	1/4 - 28	33 64	.4688	
<u>5</u> 64	.0781	3 - 56	3	.2090		17 32	.4844	
47 .0785	.0781		2	.2130		9 16	.5000	
46 .0810	.0785	4 - 40	1	.2188			.5156	
45 .0820	.0810	4 - 48	A	.2210		35 64	.5312	
44 .0860	.0820		B	.2280		3 8	.5469	
43 .0890	.0860		C	.2340			.5625	
42 .0935	.0890	5 - 40		.2344			.5781	
<u>3</u> 32	.0938			.2380				
41 .0960	.0935			.2420				
40 .0980	.0960							
39 .0995	.0980							
38 .1015	.0995							



INCH/METRIC TAP DRILL SIZES & DECIMAL EQUIVALENTS

DRILL SIZE	DECIMAL EQUIVALENT	TAP SIZE	METRIC TAP DRILL SIZES		
			METRIC TAP	TAP DRILL (mm)	DECIMAL (Inch)
<u>39</u> ¹⁹ / ₃₂	.5938		M1.6 x 0.35	1.25	.0492
<u>64</u> ⁵ / ₈	.6094		M1.8 x 0.35	1.45	.0571
<u>41</u> ⁵ / ₈	.6250		M2 x 0.4	1.60	.0630
<u>64</u> ²¹ / ₃₂	.6406		M2.2 x 0.45	1.75	.0689
<u>43</u> ³² / ₃₂	.6562	3/4 - 10	M2.5 x 0.45	2.05	.0807
<u>64</u> ¹¹ / ₁₆	.6719		M3 x 0.5	2.50	.0984
<u>45</u> ¹¹ / ₁₆	.6875	3/4 - 16	M3.5 x 0.6	2.90	.1142
<u>64</u> ²³ / ₃₂	.7031		M4 x 0.7	3.30	.1299
<u>47</u> ³² / ₃₂	.7188				
<u>64</u> ³ / ₄	.7344		M4.5 x 0.75	3.70	.1457
<u>49</u> ³ / ₄	.7500		M5 x 0.8	4.20	.1654
<u>64</u> ²⁵ / ₃₂	.7656	7/8 - 9	M6 x 1	5.00	.1968
<u>51</u> ³² / ₃₂	.7812		M7 x 1	6.00	.2362
<u>64</u> ¹³ / ₁₆	.7969				
<u>53</u> ¹³ / ₁₆	.8125	7/8 - 14	M8 x 1.25	6.70	.2638
<u>64</u> ²⁷ / ₃₂	.8281		M8 x 1	7.00	.2756
<u>55</u> ³² / ₃₂	.8438		M10 x 1.5	8.50	.3346
<u>64</u> ⁷ / ₈	.8594		M10 x 1.25	8.70	.3425
<u>57</u> ⁷ / ₈	.8750	1 - 8	M12 x 1.75	10.20	.4016
<u>64</u> ²⁹ / ₃₂	.8906		M12 x 1.25	10.80	.4252
<u>59</u> ³² / ₃₂	.9062		M14 x 2	12.00	.4724
<u>64</u> ¹⁵ / ₁₆	.9219	1 - 12	M14 x 1.5	12.50	.4921
<u>61</u> ¹⁵ / ₁₆	.9375	1 - 14			
<u>64</u> ³¹ / ₃₂	.9531		M16 x 2	14.00	.5512
<u>63</u> ³² / ₃₂	.9688		M16 x 1.5	14.50	.5709
<u>64</u> ¹ / ₁	.9844	1 1/8 - 7	M18 x 2.5	15.50	.6102
	1.0000		M18 x 1.5	16.50	.6496
¹³ / ₆₄	1.0469	1 1/8 - 12			
¹⁷ / ₆₄	1.1094	1 1/4 - 7	M20 x 2.5	17.50	.6890
¹¹ / ₈	1.1250		M20 x 1.5	18.50	.7283
¹¹ / ₆₄	1.1719	1 1/4 - 12	M22 x 2.5	19.50	.7677
¹⁷ / ₃₂	1.2188	1 3/8 - 6	M22 x 1.5	20.50	.8071
¹¹ / ₄	1.2500				
¹¹⁹ / ₆₄	1.2969	1 3/8 - 12	M24 x 3	21.00	.8268
¹¹¹ / ₃₂	1.3438	1 1/2 - 6	M24 x 2	22.00	.8661
¹³ / ₈	1.3750		M27 x 3	24.00	.9449
¹²⁷ / ₆₄	1.4219	1 1/2 - 12	M27 x 2	25.00	.9843
¹¹ / ₂	1.5000				
PIPE THREAD SIZES (NPSC)			M30 x 3.5	26.50	1.0433
THREAD	DRILL	THREAD	M30 x 2	28.00	1.1024
1/8 - 27	11/32	1 1/2 - 11 1/2	M33 x 3.5	29.50	1.1614
1/4 - 18	7/16	2 - 11 1/2	M33 x 2	31.00	1.2205
3/8 - 18	37/64	2 1/2 - 8			
1/2 - 14	23/32	3 - 8	M36 x 4	32.00	1.2598
3/4 - 14	59/64	3 1/2 - 8	M36 x 3	33.00	1.2992
1 - 11 1/2	15/32	4 - 8	M39 x 4	35.00	1.3780
1 1/4 - 11 1/2	1 1/2		M39 x 3	36.00	1.4173