

# METRIC CONVERSION TABLE

## CONVERSION OF MILLIMETER SIZE TO INCHES

Size Millimeter	Size Inches	Basic Tap Blank Size
M1	.03937	0
M1.5	.05906	0
M1.6	.06299	0
M1.8	.07087	1
M2	.07874	2
M2.2	.08661	2
M2.3	.09055	3
M2.5	.09843	3
M2.6	.10236	3
M3	.11811	5
M3.15	.12402	5
M3.5	.13780	6
M4	.15748	8
M4.5	.17717	10
M5	.19685	10
M5.5	.21654	12
M6	.23622	1/4
M6.3	.24803	1/4
M7	.27559	5/16
M8	.31496	5/16
M9	.35433	3/8
M10	.39370	3/8
M11	.43307	7/16
M12	.47244	1/2
M12.5	.49213	1/2
M13	.51181	9/16
M14	.55118	9/16

*Continued next column*

Size Millimeter	Size Inches	Basic Tap Blank Size
M15	.59055	5/8
M16	.62992	5/8
M17	.66929	11/16
M18	.70866	11/16
M19	.74803	3/4
M20	.78740	13/16
M22	.86614	7/8
M23	.90551	15/16
M24	.94488	15/16
M25	.98425	1
M26	1.02362	1-1/16
M27	1.06299	1-1/16
M28	1.10236	1-1/8
M30	1.18110	1-3/16
M32	1.25984	1-1/4
M33	1.29921	1-5/16
M34	1.33858	1-3/8
M36	1.41732	1-7/16
M38	1.49606	1-1/2
M39	1.53543	1-5/8
M40	1.57480	1-5/8
M42	1.65354	1-3/4
M44	1.73228	1-3/4
M45	1.77165	1-7/8
M46	1.81102	1-7/8
M48	1.88976	2
M50	1.96850	2
M52	2.04724	2-1/8

## CONVERSION OF MILLIMETER PITCH TO THREADS PER INCH

Pitch In Millimeters	Pitch In Inches	Threads Per Inch (Ref)	Basic Thread Height
0.35	.01378	72.57	.00895
0.4	.01575	63.50	.01023
0.45	.01772	56.44	.01151
0.5	.01969	50.80	.01279
0.6	.02362	42.33	.01534
0.7	.02756	36.29	.01790
0.75	.02953	33.87	.01918
0.8	.03150	31.75	.02046
0.9	.03543	28.22	.02301
1	.03937	25.40	.02557
1.25	.04921	20.32	.03196
1.5	.05906	16.93	.03836
1.75	.06890	14.51	.04475
2	.07874	12.70	.05114
2.5	.09843	10.16	.06393
3	.11811	8.47	.07671
3.5	.13780	7.26	.08950
4	.15748	6.35	.10229
4.5	.17717	5.64	.11507
5	.19685	5.08	.12786
6	.23622	4.23	.15343