

Conversion of inches (in.) to millimeters (mm)

in.	mm ^a	in.	mm ^a	in.	mm ^a	in.	mm ^a
.0001	0.00254	.001	0.0254	.01	0.254	.1	2.54
.0002	0.00508	.002	0.0508	.02	0.508	.2	5.08
.0003	0.00762	.003	0.0762	.03	0.762	.3	7.62
.0004	0.01016	.004	0.1016	.04	1.016	.4	10.16
.0005	0.01270	.005	0.1270	.05	1.270	.5	12.70
.0006	0.01524	.006	0.1524	.06	1.524	.6	15.24
.0007	0.01778	.007	0.1778	.07	1.778	.7	17.78
.0008	0.02032	.008	0.2032	.08	2.032	.8	20.32
.0009	0.02286	.009	0.2286	.09	2.286	.9	22.86

in.	0	1	2	3	4	5	6	7	8	9
	Millimeters ^a									
0	-	25.4	50.8	76.2	101.6	127.0	152.4	177.8	203.2	228.6
10	254.0	279.4	304.8	330.2	355.6	381.0	406.4	431.8	457.2	482.6
20	508.0	533.4	558.8	584.2	609.6	635.0	660.4	685.8	711.2	736.6
30	762.0	787.4	812.8	838.2	863.6	889.0	914.4	939.8	965.2	990.6
40	1016.0	1041.4	1066.8	1092.2	1117.6	1143.0	1168.4	1193.8	1219.2	1244.6
50	1270.0	1295.4	1320.8	1346.2	1371.6	1397.0	1422.4	1447.8	1473.2	1498.6
60	1524.0	1549.4	1574.8	1600.2	1625.6	1651.0	1676.4	1701.8	1727.2	1752.6
70	1778.0	1803.4	1828.8	1854.2	1879.6	1905.0	1930.4	1955.8	1981.2	2006.6
80	2032.0	2057.4	2082.8	2108.2	2133.6	2159.0	2184.4	2209.8	2235.2	2260.6
90	2286.0	2311.4	2336.8	2362.2	2387.6	2413.0	2438.4	2463.8	2489.2	2514.6
100	2540.0	-	-	-	-	-	-	-	-	-

^a = Exact Figure

EXAMPLE: Convert 9.156 inches to millimeters

- 9.000 inches = 228.6000 millimeters
- .100 inches = 2.5400 millimeters
- .050 inches = 1.2700 millimeters
- .006 inches = 0.1524 millimeters
- 9.156 inches = 232.5624 millimeters (Rounded to 232.56 mm)

Metric & Imperial Bolt Comparison

METRIC BOLT		
M12	=	0.47
M16	=	0.63
M20	=	0.79
M24	=	0.95
M27	=	1.06
M30	=	1.18
M33	=	1.30
M36	=	1.42
M39	=	1.54
M45	=	1.77
M52	=	2.05

IMPERIAL BOLT		
1/2	=	12.70
5/8	=	15.88
3/4	=	19.05
7/8	=	22.23
1	=	25.40
1-1/8	=	28.58
1-1/4	=	31.75
1-3/8	=	34.93
1-1/2	=	38.10
1-3/4	=	44.45
2	=	50.8