

**Inch - Millimetre and Inch - Centimetre Conversion Table\***  
(Based on 1 inch = 25.4 millimetres, exactly)

<b>INCHES TO MILLIMETRES</b>											
<b>in.</b>	<b>mm</b>	<b>in.</b>	<b>mm</b>	<b>in.</b>	<b>mm</b>	<b>in.</b>	<b>mm</b>	<b>in.</b>	<b>mm</b>	<b>in.</b>	<b>mm</b>
10	254.00000	1	25.40000	.1	2.54000	.01	.25400	.001	.02540	.0001	.00254
20	508.00000	2	50.80000	.2	5.08000	.02	.50800	.002	.05080	.0002	.00508
30	762.00000	3	76.20000	.3	7.62000	.03	.76200	.003	.07620	.0003	.00762
40	1,016.00000	4	101.60000	.4	10.16000	.04	1.01600	.004	.10160	.0004	.01016
50	1,270.00000	5	127.00000	.5	12.70000	.05	1.27000	.005	.12700	.0005	.01270
60	1,524.00000	6	152.40000	.6	15.24000	.06	1.52400	.006	.15240	.0006	.01524
70	1,778.00000	7	177.80000	.8	17.78000	.07	1.77800	.007	.17780	.0007	.01778
80	2,032.00000	8	203.20000	.8	20.32000	.08	2.03200	.008	.20320	.0008	.02032
90	2,286.00000	9	228.60000	.9	22.86000	.09	2.28600	.009	.22860	.0009	.02286
100	2,540.00000	10	254.00000	1.0	25.40000	.10	2.54000	.010	.25400	.0010	.02540
<b>MILLIMETRES TO INCHES</b>											
<b>mm</b>	<b>in.</b>	<b>mm</b>	<b>in.</b>	<b>mm</b>	<b>in.</b>	<b>mm</b>	<b>in.</b>	<b>mm</b>	<b>in.</b>	<b>mm</b>	<b>in.</b>
100	3.93701	10	.39370	1	.03937	.1	.00394	.01	.00039	.001	.00004
200	7.87402	20	.78740	2	.07874	.2	.00787	.02	.00079	.002	.00008
300	11.81102	30	1.18110	3	.11811	.3	.01181	.03	.00118	.003	.00012
400	15.74803	40	1.57480	4	.15748	.4	.01575	.04	.00157	.004	.00016
500	19.68504	50	1.96850	5	.19685	.5	.01969	.05	.00197	.005	.00020
600	23.62205	60	2.36220	6	.23622	.6	.02362	.06	.00236	.006	.00024
700	27.55906	70	2.75591	7	.27559	.7	.02756	.07	.00276	.007	.00028
800	31.49606	80	3.14961	8	.31496	.8	.03150	.08	.00315	.008	.00031
900	35.43307	90	3.54331	9	.35433	.9	.03543	.09	.00354	.009	.00035
1000	39.37008	100	3.93701	10	.39370	1.0	.03937	.10	.00394	.010	.00039

\*For inches to centimetres, shift decimal point in mm column one place to left and read centimetres, thus: 40 in. = 1016 mm = 101.6 cm

For centimetres to inches, shift decimal point of centimetre value one place to right and enter mm column, thus; 70 cm = 700 mm = 27.55906 inches

Use of conversion tables - The previous tables are given which permit conversion from English to metric units and vice versa over a wide range of values. Where the desired value cannot be obtained directly from these tables, a simple addition of two or more values taken directly from the table will suffice as shown in the following examples:

**Example 1:**

Find the millimetre equivalent of 0.4476 inch.

$$.4 \text{ in.} = 10.16000 \text{ mm}$$

$$.04 \text{ in.} = 1.01600 \text{ mm}$$

$$.007 \text{ in.} = .17780 \text{ mm}$$

$$\underline{.0006 \text{ in.}} = \underline{.01524 \text{ mm}}$$

$$.4476 \text{ in.} = 11.36904 \text{ mm}$$

**Example 2:**

Find the inch equivalent of 84.9 mm

$$80. \text{ mm} = 3.14961 \text{ in.}$$

$$4. \text{ mm} = 0.15748 \text{ in.}$$

$$\underline{0.9 \text{ mm}} = \underline{0.03543 \text{ in.}}$$

$$84.9 \text{ mm} = 3.34252 \text{ in.}$$