

English to Metric Conversion Table

Decimals to Millimeters				Fractions to Decimals to Millimeters					
Deci- mal	mm	Deci- mal	mm	Frac- tion	Deci- mal	mm	Frac- tion	Deci- mal	mm
0.001	0.0254	0.500	12.7000	$\frac{1}{64}$	0.0156	0.3969	$\frac{27}{64}$	0.5156	13.0969
0.002	0.0508	0.510	12.9540	$\frac{1}{32}$	0.0312	0.7938	$\frac{17}{32}$	0.5312	13.4938
0.003	0.0762	0.520	13.2080	$\frac{3}{64}$	0.0469	1.1906	$\frac{15}{64}$	0.5469	13.8906
0.004	0.1016	0.530	13.4620						
0.005	0.1270	0.540	13.7160						
0.006	0.1524	0.550	13.9700	$\frac{1}{16}$	0.0625	1.5875	$\frac{9}{16}$	0.5625	14.2875
0.007	0.1778	0.560	14.2240						
0.008	0.2032	0.570	14.4780						
0.009	0.2286	0.580	14.7320	$\frac{5}{64}$	0.0781	1.9844	$\frac{27}{64}$	0.5781	14.6844
0.010	0.2540	0.590	14.9860	$\frac{7}{32}$	0.0938	2.3812	$\frac{19}{32}$	0.5938	15.0812
0.020	0.5080			$\frac{7}{64}$	0.1094	2.7781	$\frac{19}{64}$	0.6094	15.4781
0.030	0.7620								
0.040	1.0160	0.600	15.2400						
0.050	1.2700	0.610	15.4940	$\frac{1}{8}$	0.1250	3.1750	$\frac{5}{8}$	0.6250	15.8750
0.060	1.5240	0.620	15.7480						
0.070	1.7780	0.630	16.0020						
0.080	2.0320	0.640	16.2560	$\frac{9}{64}$	0.1406	3.5719	$\frac{41}{64}$	0.6406	16.2719
0.090	2.2860	0.650	16.5100	$\frac{7}{32}$	0.1562	3.9688	$\frac{21}{32}$	0.6562	16.6688
0.100	2.5400	0.660	16.7640	$\frac{11}{64}$	0.1719	4.3656	$\frac{43}{64}$	0.6719	17.0656
0.110	2.7940	0.670	17.0180						
0.120	3.0480	0.680	17.2720	$\frac{1}{16}$	0.1875	4.7625	$\frac{11}{16}$	0.6875	17.4625
0.130	3.3020	0.690	17.5260						
0.140	3.5560								
0.150	3.8100			$\frac{13}{64}$	0.2031	5.1594	$\frac{45}{64}$	0.7031	17.8594
0.160	4.0640	0.700	17.7800	$\frac{7}{32}$	0.2188	5.5562	$\frac{23}{32}$	0.7188	18.2562
0.170	4.3180	0.710	18.0340	$\frac{15}{64}$	0.2344	5.9531	$\frac{47}{64}$	0.7344	18.6531
0.180	4.5720	0.720	18.2880						
0.190	4.8260	0.730	18.5420						
0.200	5.0800	0.740	18.7960	$\frac{1}{4}$	0.2500	6.3500	$\frac{3}{4}$	0.7500	19.0500
0.210	5.3340	0.750	19.0500						
0.220	5.5880	0.760	19.3040	$\frac{17}{64}$	0.2656	6.7469	$\frac{49}{64}$	0.7656	19.4469
0.230	5.8420	0.770	19.5580	$\frac{7}{32}$	0.2812	7.1438	$\frac{25}{32}$	0.7812	19.8438
0.240	6.0960	0.780	19.8120	$\frac{19}{64}$	0.2969	7.5406	$\frac{51}{64}$	0.7969	20.2406
0.250	6.3500	0.790	20.0660						
0.260	6.6040								
0.270	6.8580	0.800	20.3200	$\frac{5}{16}$	0.3125	7.9375	$\frac{13}{16}$	0.8125	20.6375
0.280	7.1120	0.810	20.5740						
0.290	7.3660	0.820	20.8280	$\frac{21}{64}$	0.3281	8.3344	$\frac{53}{64}$	0.8281	21.0344
0.300	7.6200	0.830	21.0820	$\frac{11}{32}$	0.3438	8.7312	$\frac{27}{32}$	0.8438	21.4312
0.310	7.8740	0.840	21.3360	$\frac{23}{64}$	0.3594	9.1281	$\frac{55}{64}$	0.8594	21.8281
0.320	8.1280	0.850	21.5900						
0.330	8.3820	0.860	21.8440						
0.340	8.6360	0.870	22.0980	$\frac{3}{8}$	0.3750	9.5250	$\frac{7}{8}$	0.8750	22.2250
0.350	8.8900	0.880	22.3520						
0.360	9.1440	0.890	22.6060						
0.370	9.3980			$\frac{25}{64}$	0.3906	9.9219	$\frac{57}{64}$	0.8906	22.6219
0.380	9.6520			$\frac{11}{32}$	0.4062	10.3188	$\frac{29}{32}$	0.9062	23.0188
0.390	9.9060			$\frac{27}{64}$	0.4219	10.7156	$\frac{59}{64}$	0.9219	23.4156
0.400	10.1600	0.900	22.8600						
0.410	10.4140	0.910	23.1140						
0.420	10.6680	0.920	23.3680	$\frac{7}{16}$	0.4375	11.1125	$\frac{15}{16}$	0.9375	23.8125
0.430	10.9220	0.930	23.6220						
0.440	11.1760	0.940	23.8760						
0.450	11.4300	0.950	24.1300	$\frac{19}{64}$	0.4531	11.5094	$\frac{61}{64}$	0.9531	24.2094
0.460	11.6840	0.960	24.3840	$\frac{15}{32}$	0.4688	11.9062	$\frac{11}{32}$	0.9688	24.6062
0.470	11.9380	0.970	24.6380	$\frac{31}{64}$	0.4844	12.3031	$\frac{63}{64}$	0.9844	25.0031
0.480	12.1920	0.980	24.8920						
0.490	12.4460	0.990	25.1460						
0.500	12.7000	1.000	25.4000	$\frac{1}{2}$	0.5000	12.7000	1	1.0000	25.4000