

CONVERSION TABLES INCHES INTO MILLIMETERS

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Due to the current move to convert or switch from inches to the metric system as a universal measuring system we are including the three tables below to allow conversion from inches into millimeters.

Examples:

Convert 0.588 inches into millimeters
 From Table I 0.580 inches = 14.73 millimeters
 From Table I 0.008 inches = 0.203 millimeters
 Total 0.588 inches = 14.933 millimeters

Convert 3.065 inches into millimeters
 From Table II 3 inches = 76.2002 millimeters
 From Table I 0.060 inches = 1.524 millimeters
 From Table I 0.005 inches = 0.127 millimeters
 Total 3.065 inches = 77.8512 millimeters

Convert 2-51/64 inches into millimeters
 From Table II 2-25/32 inches = 70.6439 millimeters
 From Table II 1/64 inches = 0.3969 millimeters
 Total 2-51/64 inches = 71.0408 millimeters

**TABLE I
Decimals of
an inch into
millimeters**

Inches	Milli- meters	Inches	Milli- meters
0.001	0.025	0.460	11.68
0.002	0.051	0.470	11.94
0.003	0.076	0.480	11.94
0.004	0.102	0.490	12.45
0.005	0.127	0.500	12.70
0.006	0.152	0.510	12.95
0.007	0.178	0.520	13.21
0.008	0.203	0.530	13.26
0.009	0.229	0.540	13.72
0.010	0.254	0.550	13.97
0.020	0.508	0.560	14.22
		0.570	14.48
0.030	0.762	0.580	14.73
0.040	1.016	0.590	14.99
0.050	1.270	0.600	15.24
0.060	1.524	0.610	15.49
0.070	1.778	0.620	15.75
0.080	2.032	0.630	16.00
0.090	2.286	0.640	16.26
0.100	2.540	0.650	16.51
0.110	2.794	0.660	16.76
0.120	3.048	0.670	17.02
0.130	3.302	0.680	17.27
0.140	3.556	0.690	17.53
0.150	3.810	0.700	17.78
0.160	4.064	0.710	18.03
0.170	4.318	0.720	18.29
0.180	4.572	0.730	18.54
0.190	4.826	0.740	18.80
0.200	5.080	0.750	19.05
0.210	5.334	0.760	19.30
0.220	5.588	0.770	19.56
0.230	5.842	0.780	19.81
0.240	6.096	0.790	20.07
0.250	6.350	0.800	20.32
0.260	6.604	0.810	20.57
0.270	6.858	0.820	20.83
0.280	7.112	0.830	21.08
0.290	7.366	0.840	21.34
0.300	7.620	0.850	21.59
0.310	7.874	0.860	21.84
0.320	8.128	0.870	22.10
0.330	8.382	0.880	22.35
0.340	8.636	0.890	22.61
0.350	8.890	0.900	22.86
0.360	9.144	0.910	23.11
0.370	9.398	0.920	23.37
0.380	9.652	0.930	23.62
0.390	9.906	0.940	23.88
0.400	10.160	0.950	24.13
0.410	10.414	0.960	24.38
0.420	10.668	0.970	24.64
0.430	10.922	0.980	24.89
0.440	11.176	0.990	25.15
0.450	11.430	1.000	25.40

For Taper
Dimensions
in inches
and
millimeters
see Page 7.

**TABLE II
Fractions of
an inch into
millimeters**

Inches	Milli- meters	Inches	Milli- meters
1/64	0.3969	33/64	13.0969
1/32	0.7937	17/32	13.4937
3/64	1.1906	35/64	13.8906
1/16	1.5875	9/16	14.2875
5/64	1.9844	37/64	14.6844
3/32	2.3812	19/32	15.0812
7/64	2.7781	39/64	15.4781
1/8	3.1750	5/8	15.8750
9/64	3.5719	41/64	16.2719
5/32	3.9687	21/32	16.6687
11/64	4.3656	43/64	17.0656
3/16	4.7625	11/16	17.4625
13/64	5.1594	45/64	17.8594
7/32	5.5562	23/32	18.2562
15/64	5.9531	47/64	18.6531
1/4	6.3500	3/4	19.0500
17/64	6.7469	49/64	19.4469
9/32	7.1437	25/32	19.8437
19/64	7.5406	51/64	20.2406
5/16	7.9375	13/16	20.6375
21/64	8.3344	53/64	21.0344
11/32	8.7312	27/32	21.4312
23/64	9.1281	55/64	21.8281
3/8	9.5250	7/8	22.2250
25/64	9.9219	57/64	22.6219
13/32	10.3187	29/32	23.0187
27/64	10.7156	59/64	23.4156
7/16	11.1125	15/16	23.8125
29/64	11.5094	61/64	24.2094
15/32	11.9062	31/32	24.6062
31/64	12.3031	63/64	25.0031
1/2	12.7000	1	25.4001

**TABLE III
Gage-Decimal-
Millimeter Conver-
sion Chart**

Gage	Decimal	Millimeter
3	.239	6.350
4	.234	5.953
5	.209	5.556
6	.194	5.159
7	.179	4.762
8	.164	4.365
9	.150	3.968
10	.135	3.571
11	.120	3.175
12	.105	2.778
13	.090	2.381
14	.075	1.984
15	.067	1.778
16	.060	1.587
17	.054	1.422
18	.048	1.270
19	.042	1.118
20	.036	.965
21	.033	.865
22	.030	.793
23	.027	.711
24	.024	.635
25	.021	.559
26	.018	.483
27	.016	.432
28	.015	.396
29	.014	.356
30	.012	.330
31	.011	.279
32	.010	.254
33	.009	.229
34	.0082	.216
35	.008	.203
36	.007	.178
37	.0064	.168
38	.006	.152