



## Fractional, Decimal and Millimeter Equivalents

	Decimals	Millimeters
$\frac{1}{64}$	.015625	0.397
$\frac{1}{32}$	.03125	0.794
$\frac{3}{64}$	.046875	1.191
$\frac{1}{16}$	.0625	1.588
$\frac{5}{64}$	.078125	1.984
$\frac{3}{32}$	.09375	2.381
$\frac{7}{64}$	.109375	2.778
$\frac{1}{8}$	.1250	3.175
$\frac{9}{64}$	.140625	3.572
$\frac{5}{32}$	.15625	3.969
$\frac{11}{64}$	.171875	4.366
$\frac{3}{16}$	.1875	4.763
$\frac{13}{64}$	.203125	5.159
$\frac{7}{32}$	.21875	5.556
$\frac{15}{64}$	.234375	5.953
$\frac{1}{4}$	.2500	6.350
$\frac{17}{64}$	.265625	6.747
$\frac{9}{32}$	.28125	7.144
$\frac{19}{64}$	.296875	7.541
$\frac{5}{16}$	.3125	7.938
$\frac{21}{64}$	.328125	8.334
$\frac{11}{32}$	.34375	8.731
$\frac{23}{64}$	.359375	9.128
$\frac{3}{8}$	.3750	9.525
$\frac{25}{64}$	.390625	9.922
$\frac{13}{32}$	.40625	10.319
$\frac{27}{64}$	.421875	10.716
$\frac{7}{16}$	.4375	11.113
$\frac{29}{64}$	.453125	11.509
$\frac{15}{32}$	.46875	11.906
$\frac{31}{64}$	.484375	12.303
$\frac{1}{2}$	.5000	12.700

1 mm = .03937"

	Decimals	Millimeters
$\frac{33}{64}$	.515625	13.097
$\frac{17}{32}$	.53125	13.494
$\frac{35}{64}$	.546875	13.891
$\frac{9}{16}$	.5625	14.288
$\frac{37}{64}$	.578125	14.684
$\frac{19}{32}$	.59375	15.081
$\frac{39}{64}$	.609375	15.478
$\frac{5}{8}$	.6250	15.875
$\frac{41}{64}$	.640625	16.272
$\frac{21}{32}$	.65625	16.669
$\frac{43}{64}$	.671875	17.066
$\frac{11}{16}$	.6875	17.463
$\frac{45}{64}$	.703125	17.859
$\frac{23}{32}$	.71875	18.256
$\frac{47}{64}$	.734375	18.653
$\frac{3}{4}$	.7500	19.050
$\frac{49}{64}$	.765625	19.447
$\frac{25}{32}$	.78125	19.844
$\frac{51}{64}$	.796875	20.241
$\frac{13}{16}$	.8125	20.638
$\frac{53}{64}$	.828125	21.034
$\frac{27}{32}$	.84375	21.431
$\frac{55}{64}$	.859375	21.828
$\frac{7}{8}$	.8750	22.225
$\frac{57}{64}$	.890625	22.622
$\frac{29}{32}$	.90625	23.019
$\frac{59}{64}$	.921875	23.416
$\frac{15}{16}$	.9375	23.813
$\frac{61}{64}$	.953125	24.209
$\frac{31}{32}$	.96875	24.606
$\frac{63}{64}$	.984375	25.003
$1$	1.000	25.400

.001" = .0254 mm

mm	inches	mm	inches
0.1	.0039	46	1.8110
0.2	.0079	47	1.8504
0.3	.0118	48	1.8898
0.4	.0157	49	1.9291
0.5	.0197	50	1.9685
0.6	.0236	51	2.0079
0.7	.0276	52	2.0472
0.8	.0315	53	2.0866
0.9	.0354	54	2.1260
1	.0394	55	2.1654
2	.0787	56	2.2047
3	.1181	57	2.2441
4	.1575	58	2.2835
5	.1969	59	2.3228
6	.2362	60	2.3622
7	.2756	61	2.4016
8	.3150	62	2.4409
9	.3543	63	2.4803
10	.3937	64	2.5197
11	.4331	65	2.5591
12	.4724	66	2.5984
13	.5118	67	2.6378
14	.5512	68	2.6772
15	.5906	69	2.7165
16	.6299	70	2.7559
17	.6693	71	2.7953
18	.7087	72	2.8346
19	.7480	73	2.8740
20	.7874	74	2.9134
21	.8268	75	2.9528
22	.8661	76	2.9921
23	.9055	77	3.0315
24	.9449	78	3.0709
25	.9843	79	3.1102
26	1.0236	80	3.1496
27	1.0630	81	3.1890
28	1.1024	82	3.2283
29	1.1417	83	3.2677
30	1.1811	84	3.3071
31	1.2205	85	3.3465
32	1.2598	86	3.3858
33	1.2992	87	3.4252
34	1.3386	88	3.4646
35	1.3780	89	3.5039
36	1.4173	90	3.5433
37	1.4567	91	3.5827
38	1.4961	92	3.6220
39	1.5354	93	3.6614
40	1.5748	94	3.7008
41	1.6142	95	3.7402
42	1.6535	96	3.7795
43	1.6929	97	3.8189
44	1.7323	98	3.8583
45	1.7717	99	3.8976
100	3.9370		

When You Know	Multiply by	To Find
Inches (in)	2.54	Centimeters (cm)
Feet (ft)	30.48	Centimeters (cm)
Yards (yds)	0.9	Meters (m)
Miles (mi)	1.6	Kilometers (km)