

Measurement Conversion Chart

DECIMALS

MILLIMETERS

	$\frac{1}{64}$	0.015625	—	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
$\frac{1}{8}$	$\frac{9}{64}$	.1250	—	3.175
	$\frac{11}{64}$	.140625	—	3.572
	$\frac{5}{32}$	.15625	—	3.969
	$\frac{13}{64}$	.171875	—	4.366
	$\frac{3}{16}$	.1875	—	4.763
	$\frac{15}{64}$	.203125	—	5.159
	$\frac{7}{32}$	.21875	—	5.556
$\frac{1}{4}$	$\frac{17}{64}$	.234375	—	5.953
	$\frac{19}{64}$	.2500	—	6.350
	$\frac{9}{32}$	.265625	—	6.747
	$\frac{21}{64}$	.28125	—	7.144
	$\frac{11}{16}$	.296875	—	7.541
	$\frac{23}{64}$	.3125	—	7.938
	$\frac{13}{32}$	.328125	—	8.334
	$\frac{25}{64}$	.34375	—	8.731
$\frac{3}{8}$	$\frac{27}{64}$	.359375	—	9.128
	$\frac{29}{64}$	.3750	—	9.525
	$\frac{15}{32}$	.390625	—	9.922
	$\frac{31}{64}$	.40625	—	10.319
	$\frac{17}{16}$	.421875	—	10.716
	$\frac{19}{32}$	.4375	—	11.113
	$\frac{21}{16}$	.453125	—	11.509
	$\frac{23}{32}$	.46875	—	11.906
$\frac{1}{2}$	$\frac{31}{64}$	.484375	—	12.303
	$\frac{33}{64}$	.5000	—	12.700

1 mm = .03937"

DECIMALS

MILLIMETERS

	$\frac{33}{64}$	0.515625	—	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
$\frac{5}{8}$	$\frac{39}{64}$	.609375	—	15.478
	$\frac{41}{64}$	.6250	—	15.875
	$\frac{21}{16}$	.640625	—	16.272
	$\frac{43}{64}$	.65625	—	16.669
	$\frac{23}{32}$	.671875	—	17.066
	$\frac{11}{16}$	.6875	—	17.463
	$\frac{45}{64}$	.703125	—	17.859
	$\frac{25}{32}$	.71875	—	18.256
$\frac{3}{4}$	$\frac{47}{64}$	.734375	—	18.653
	$\frac{49}{64}$	.7500	—	19.050
	$\frac{27}{16}$	.765625	—	19.447
	$\frac{51}{64}$	.78125	—	19.844
	$\frac{29}{32}$	.796875	—	20.241
	$\frac{13}{16}$	.8125	—	20.638
	$\frac{53}{64}$	.828125	—	21.034
	$\frac{27}{32}$	.84375	—	21.431
$\frac{7}{8}$	$\frac{55}{64}$	.859375	—	21.828
	$\frac{57}{64}$	.8750	—	22.225
	$\frac{29}{16}$	.890625	—	22.622
	$\frac{59}{64}$	.90625	—	23.019
	$\frac{31}{32}$	.921875	—	23.416
	$\frac{15}{16}$	.9375	—	23.813
	$\frac{61}{64}$	.953125	—	24.209
	$\frac{31}{32}$	.96875	—	24.606
1	$\frac{63}{64}$	.984375	—	25.003
	$\frac{64}{64}$	1.000	—	25.400

.001" = .0254 mm

MM INCHES

MM INCHES

.1	.0039	46	1.8119
.2	.0079	47	1.8504
.3	.0118	48	1.8889
.4	.0157	49	1.9274
.5	.0197	50	1.9659
.6	.0236	51	2.0044
.7	.0276	52	2.0429
.8	.0315	53	2.0814
.9	.0354	54	2.1199
1	.0394	55	2.1584
2	.0787	56	2.2047
3	.1181	57	2.2411
4	.1575	58	2.2775
5	.1969	59	2.3139
6	.2362	60	2.3503
7	.2756	61	2.3867
8	.3150	62	2.4231
9	.3543	63	2.4595
10	.3937	64	2.4959
11	.4331	65	2.5323
12	.4724	66	2.5687
13	.5118	67	2.6051
14	.5512	68	2.6415
15	.5906	69	2.6779
16	.6299	70	2.7143
17	.6693	71	2.7507
18	.7087	72	2.7871
19	.7480	73	2.8235
20	.7874	74	2.8599
21	.8268	75	2.8963
22	.8661	76	2.9327
23	.9055	77	2.9691
24	.9449	78	3.0055
25	.9843	79	3.0419
26	1.0236	80	3.0783
27	1.0630	81	3.1147
28	1.1024	82	3.1511
29	1.1417	83	3.1875
30	1.1811	84	3.2239
31	1.2205	85	3.2603
32	1.2598	86	3.2967
33	1.2992	87	3.3331
34	1.3386	88	3.3695
35	1.3780	89	3.4059
36	1.4173	90	3.4423
37	1.4567	91	3.4787
38	1.4961	92	3.5151
39	1.5354	93	3.5515
40	1.5748	94	3.5879
41	1.6142	95	3.6243
42	1.6535	96	3.6607
43	1.6929	97	3.6971
44	1.7323	98	3.7335
45	1.7717	99	3.7699
		100	3.8063