

CONVERSION TABLES

SCALE EQUIVALENTS

1" = 100'	1:1200
1" = 75'	1:900
1" = 60'	1:700
1" = 50'	1:600
1" = 40'	1:500
1" = 30'	1:400
1" = 20'	1:250
1" = 10'	1:125
1/32" = 1'	1:400
1/16" = 1'	1:200
3/32" = 1'	1:125
1/8" = 1'	1:100
3/16" = 1'	1:75
1/4" = 1'	1:48
3/8" = 1'	1:32
1/2" = 1'	1:24
3/4" = 1'	1:16
1" = 1'	1:12

HOBBY CONVERSION CHART

COMPUTED TO THE NEAREST 1/64"

ACTUAL SIZE	1" = 1' 1:12	G 1:24	#1 1:32	O 1:48	S 1:64	HO 1:87	TT 1:120	N 1:160	Z 1:250
2"	5/32"	5/64"	1/16"	3/64"	1/32"	1/64"	1/64"	1/64"	1/64"
4"	11/32"	11/64"	1/8"	5/64"	1/16"	3/64"	1/32"	1/64"	1/64"
6"	1/2"	1/4"	3/16"	1/8"	3/32"	1/16"	3/64"	1/32"	1/64"
8"	21/32"	21/64"	1/4"	11/64"	1/8"	3/32"	1/16"	3/64"	1/32"
10"	27/32"	27/64"	5/16"	13/64"	5/32"	7/64"	5/64"	1/16"	3/64"
1'	1"	1/2"	3/8"	1/4"	3/16"	9/64"	3/32"	5/64"	1/16"
2'	2"	1"	3/4"	1/2"	3/8"	9/32"	13/64"	5/32"	7/64"
3'	3"	1-1/2"	1-1/8"	3/4"	9/16"	13/32"	19/64"	15/64"	5/32"
4'	4"	2"	1-1/2"	1"	3/4"	35/64"	13/32"	19/64"	7/32"
5'	5"	2-1/2"	1-7/8"	1-1/4"	15/16"	11/16"	1/2"	3/8"	17/64"
10'	10"	5"	3-3/4"	2-1/2"	1-7/8"	1-3/8"	1"	3/4"	35/64"

FRACTION TO DECIMAL CONVERSION CHART

FRA.	DEC.	FRA.	DEC.	FRA.	DEC.	FRA.	DEC.
1/64	.0156	17/64	.2656	33/64	.5156	49/64	.7656
1/32	.0312	9/32	.2812	17/32	.5312	25/32	.7812
3/64	.0468	19/64	.2968	35/64	.5468	51/64	.7968
1/16	.0625	5/16	.3125	9/16	.5625	13/16	.8125
5/64	.0781	21/64	.3281	37/64	.5781	53/64	.8281
3/32	.0937	11/32	.3437	19/32	.5937	27/32	.8437
7/64	.1093	23/64	.3593	39/64	.6093	55/64	.8593
1/8	.125	3/8	.375	5/8	.625	7/8	.875
9/64	.1406	25/64	.3906	41/64	.6406	57/64	.8906
5/32	.1562	13/32	.4062	21/32	.6562	29/32	.9062
11/64	.1718	27/64	.4218	43/64	.6718	59/64	.9218
3/16	.1875	7/16	.4375	11/16	.6875	15/16	.9375
13/64	.2031	29/64	.4531	45/64	.7031	61/64	.9531
7/32	.2187	15/32	.4687	23/32	.7187	31/32	.9687
15/64	.2343	31/64	.4843	47/64	.7343	63/64	.9843
1/4	.2500	1/2	.5000	3/4	.7500	1	1.000

FRACTIONS & DECIMALS TO MILLIMETERS

inch	mm	inch	mm	inch	mm	inch	mm	inch	mm
1/64	0.4	17/64	6.7	33/64	13.1	49/64	19.4	1-1/8	28.6
1/32	0.8	9/32	7.1	17/32	13.5	25/32	19.8	1-1/4	31.8
3/64	1.2	19/64	7.5	35/64	13.9	51/64	20.2	1-1/2	38.1
1/16	1.6	5/16	7.9	9/16	14.3	13/16	20.6	1-3/4	44.5
5/64	2.0	21/64	8.3	37/64	14.7	53/64	21.0	2	50.8
3/32	2.4	11/32	8.7	19/32	15.1	27/32	21.4	3	76.2
7/64	2.8	23/64	9.1	39/64	15.5	55/64	21.8	4	101.6
1/8	3.2	3/8	9.5	5/8	15.9	7/8	22.2	5	127.0
9/64	3.6	25/64	9.9	41/64	16.3	57/64	22.6	6	152.4
5/32	4.0	13/32	10.3	21/32	16.7	29/32	23.0	10	254.0
11/64	4.4	27/64	10.7	43/64	17.1	59/64	23.4	12	304.8
3/16	4.8	7/16	11.1	11/16	17.5	15/16	23.8	15	381.0
13/64	5.2	29/64	11.5	45/64	17.9	61/64	24.2	24	609.6
7/32	5.6	15/32	11.9	23/32	18.3	31/32	24.6	30	762.0
15/64	6.0	31/64	12.3	47/64	18.7	63/64	25.0	36	914.0
1/4	6.4	1/2	12.7	3/4	19.1	1	25.4		
inch	mm	inch	mm	inch	mm	inch	mm	inch	mm
.010	0.3	.110	2.8	.310	7.9	.520	13.2	.920	23.4
.015	0.4	.120	3.0	.320	8.1	.540	13.7	.940	23.9
.020	0.5	.130	3.3	.330	8.4	.560	14.2	.960	24.4
.025	0.6	.140	3.6	.340	8.6	.580	14.7	.980	24.9
.030	0.8	.150	3.8	.350	8.9	.600	15.2	1.00	25.4
.035	0.9	.160	4.1	.360	9.1	.620	15.7	1.25	31.8
.040	1.0	.170	4.3	.370	9.4	.640	16.3	1.50	38.1
.045	1.1	.180	4.6	.380	9.7	.660	16.8	1.75	44.5
.050	1.3	.190	4.8	.390	9.9	.680	17.3	2.00	50.8
.055	1.4	.200	5.1	.400	10.2	.700	17.8	2.25	57.2
.060	1.5	.210	5.3	.410	10.4	.720	18.3	2.50	63.5
.065	1.7	.220	5.6	.420	10.7	.740	18.8	2.75	69.9
.070	1.8	.230	5.8	.430	10.9	.760	19.3	3.00	76.2
.075	1.9	.240	6.1	.440	11.2	.780	19.8	3.50	88.9
.080	2.0	.250	6.4	.450	11.4	.800	20.3	4.00	101.6
.085	2.2	.260	6.6	.460	11.7	.820	20.8	4.50	114.3
.090	2.3	.270	6.9	.470	11.9	.840	21.3	5.00	127.0
.095	2.4	.280	7.1	.480	12.2	.860	21.8	5.50	139.7
.100	2.5	.290	7.4	.490	12.4	.880	22.4	6.00	152.4
		.300	7.6	.500	12.7	.900	22.9		