

**Scale Dimension Conversions**  
**Selected Ratios Commonly Used With 7.25" and 7.5" Track Gauge**

Scale Dimension Conversions												
Selected Ratios Commonly Used With 7.25" and 7.5" Track Gauge												
12" = 1'	Standard Gauge						3' Narrow Gauge			2' Narrow Gauge		
100.00%	1.5" = 1'			1.6" = 1'			2.5" = 1'			3.75" = 1'		
Scale	12.50%			13.33%			20.83%			31.25%		
Inches	Actual			Actual			Actual			Actual		
	Inches			Inches			Inches			Inches		
0.0625	0.0078			0.0083			0.0130			0.0195		
0.125	0.0156			0.0167			0.0260			0.0391		
0.25	0.0313			0.0333			0.0521			0.0781		
0.5	0.0625			0.0667			0.1042			0.1563		
0.75	0.0938			0.1000			0.1563			0.2344		
1	0.1250			0.1333			0.2083			0.3125		
2	0.2500			0.2667			0.4167			0.6250		
3	0.3750			0.4000			0.6250			0.9375		
4	0.5000			0.5333			0.8333			1.2500		
5	0.6250			0.6667			1.0417			1.5625		
6	0.7500			0.8000			1.2500			1.8750		
7	0.8750			0.9333			1.4583			2.1875		
8	1.0000			1.0667			1.6667			2.5000		
9	1.1250			1.2000			1.8750			2.8125		
10	1.2500			1.3333			2.0833			3.1250		
11	1.3750			1.4667			2.2917			3.4375		
12	1.5000			1.6000			2.5000			3.7500		
Scale	Actual	Actual		Actual	Actual		Actual	Actual		Actual	Actual	
Feet	Inches	Feet	Inches	Inches	Feet	Inches	Inches	Feet	Inches	Inches	Feet	Inches
1	1.5	0	1.5	1.6	0	1.6	2.5	0	2.5	3.75	0	3.75
2	3	0	3	3.2	0	3.2	5	0	5	7.5	0	7.5
3	4.5	0	4.5	4.8	0	4.8	7.5	0	7.5	11.25	0	11.25
4	6	0	6	6.4	0	6.4	10	0	10	15	1	3
5	7.5	0	7.5	8	0	8	12.5	1	0.5	18.75	1	6.75
6	9	0	9	9.6	0	9.6	15	1	3	22.5	1	10.5
7	10.5	0	10.5	11.2	0	11.2	17.5	1	5.5	26.25	2	2.25
8	12	1	0	12.8	1	0.8	20	1	8	30	2	6
9	13.5	1	1.5	14.4	1	2.4	22.5	1	10.5	33.75	2	9.75
10	15	1	3	16	1	4	25	2	1	37.5	3	1.5
11	16.5	1	4.5	17.6	1	5.6	27.5	2	3.5	41.25	3	5.25
12	18	1	6	19.2	1	7.2	30	2	6	45	3	9
13	19.5	1	7.5	20.8	1	8.8	32.5	2	8.5	48.75	4	0.75
14	21	1	9	22.4	1	10.4	35	2	11	52.5	4	4.5
15	22.5	1	10.5	24	2	0	37.5	3	1.5	56.25	4	8.25
16	24	2	0	25.6	2	1.6	40	3	4	60	5	0
17	25.5	2	1.5	27.2	2	3.2	42.5	3	6.5	63.75	5	3.75
18	27	2	3	28.8	2	4.8	45	3	9	67.5	5	7.5
19	28.5	2	4.5	30.4	2	6.4	47.5	3	11.5	71.25	5	11.25
20	30	2	6	32	2	8	50	4	2	75	6	3
21	31.5	2	7.5	33.6	2	9.6	52.5	4	4.5	78.75	6	6.75
22	33	2	9	35.2	2	11.2	55	4	7	82.5	6	10.5
23	34.5	2	10.5	36.8	3	0.8	57.5	4	9.5	86.25	7	2.25
24	36	3	0	38.4	3	2.4	60	5	0	90	7	6
25	37.5	3	1.5	40	3	4	62.5	5	2.5	93.75	7	9.75
26	39	3	3	41.6	3	5.6	65	5	5	97.5	8	1.5
27	40.5	3	4.5	43.2	3	7.2	67.5	5	7.5	101.25	8	5.25
28	42	3	6	44.8	3	8.8	70	5	10	105	8	9
29	43.5	3	7.5	46.4	3	10.4	72.5	6	0.5	108.75	9	0.75
30	45	3	9	48	4	0	75	6	3	112.5	9	4.5
31	46.5	3	10.5	49.6	4	1.6	77.5	6	5.5	116.25	9	8.25
32	48	4	0	51.2	4	3.2	80	6	8	120	10	0
33	49.5	4	1.5	52.8	4	4.8	82.5	6	10.5	123.75	10	3.75
34	51	4	3	54.4	4	6.4	85	7	1	127.5	10	7.5
35	52.5	4	4.5	56	4	8	87.5	7	3.5	131.25	10	11.25
36	54	4	6	57.6	4	9.6	90	7	6	135	11	3
37	55.5	4	7.5	59.2	4	11.2	92.5	7	8.5	138.75	11	6.75
38	57	4	9	60.8	5	0.8	95	7	11	142.5	11	10.5
39	58.5	4	10.5	62.4	5	2.4	97.5	8	1.5	146.25	12	2.25
40	60	5	0	64	5	4	100	8	4	150	12	6
41	61.5	5	1.5	65.6	5	5.6	102.5	8	6.5	153.75	12	9.75
42	63	5	3	67.2	5	7.2	105	8	9	157.5	13	1.5
43	64.5	5	4.5	68.8	5	8.8	107.5	8	11.5	161.25	13	5.25
44	66	5	6	70.4	5	10.4	110	9	2	165	13	9
45	67.5	5	7.5	72	6	0	112.5	9	4.5	168.75	14	0.75
46	69	5	9	73.6	6	1.6	115	9	7	172.5	14	4.5
47	70.5	5	10.5	75.2	6	3.2	117.5	9	9.5	176.25	14	8.25
48	72	6	0	76.8	6	4.8	120	10	0	180	15	0
49	73.5	6	1.5	78.4	6	6.4	122.5	10	2.5	183.75	15	3.75
50	75	6	3	80	6	8	125	10	5	187.5	15	7.5