

MODEL BUILDERS SCALE CHART

SCALE	Fraction In./Ft.	Decimal In./Ft.	6' Man Height	Ft./In.	Common Use
1:1		12.0	72.0"	0.08	Life-Size
1:2		6.0	36.0"	0.17	One Half Life-Size
1:4		3.0	18.0"	0.33	One Quarter Life-Size
1:6		2.0	12.0"	0.50	Live Steam Trains
1:8		1.5	9.0"	0.67	Live Steam Trains, R/C Cars
1:10		1.2	7.2"	0.83	
1:12		1.0	6.0"	1.00	Doll House Scale
1:16	3/4	.750	4.5"	1.33	Live Steam Trains, 120mm Figures
1:18		.667	4.0"	1.50	Automobile Kits
1:20	19/32	.600	3.6"	1.67	90mm Figures
1:22.5	17/32	.533	3.2"	1.88	"G" Gauge Trains
1:24	1/2	.500	3.0"	2.00	77mm Figures
1:25	31/64	.480	2.88"	2.08	Metric "Equivalent" of 1:24 Kits
1:32	3/8	.375	2.25"	2.67	54mm Fig's., Aircraft Kits, #1 Gauge
1:35	11/32	.343	2.06"	2.92	Armor Kits
1:43	9/32	.279	1.67"	3.58	Die Cast Automobiles
1:45+	17/64	.266	1.59"	3.76	"O" Gauge Trains (Early)
1:48	1/4	.250	1.50"	4.00	"O" Gauge Trains (Common)
1:50	15/64	.240	1.44"	4.17	Metric "Equivalent" of 1:48 Kits
1:64	3/16	.188	1.13"	5.33	"S" Gauge Trains, Ship Models
1:72	11/64	.167	1.00"	6.00	WWII Aircraft ID Models
1:76	5/32	.158	.95"	6.33	Armor Kits
1:87+	9/64	.138	.83"	7.26	"HO" Gauge (Exactly 3.5 mm / ft.)
1:96	1/8	.125	.75"	8.00	Ship Models
1:100		.120	.72"	8.33	Aircraft Kits
1:120		.100	.60"	10.00	"TT" Gauge Trains
1:128	3/32	.094	.56"	10.67	
1:144		.083	.50"	12.00	Aircraft Kits
1:160		.075	.45"	13.33	"N" Gauge Trains
1:192	1/16	.063	.38"	16.00	Ship Models
1:220	3/64	.055	.33"	18.33	"Z" Gauge Trains
1:300		.040	.24"	25.00	Plastic Ship Model Kits
1:350		.034	.21"	29.17	Plastic Ship Model Kits
1:384	1/32	.031	.19"	32.00	
1:432		.028	.17"	36.00	WWII Aircraft ID Models (Miniature)
1:500		.024	.14"	41.67	WWII Ship ID Models (Teacher's Scale)
1:700		.017	.10"	58.33	Plastic Ship Models Kits
1:720		.017	.10"	60.00	Plastic Ship Models Kits
1:768	1/64	.016	.09"	64.00	
1:1200		.010	.06"	100.00	WWII Ship ID Models (Small scale)
1:1250		.010	.06"	104.00	Modern Cast Metal Ship Models
1:2400		.005	.03"	200.00	War Games (Ships)
1:3000		.004	.02"	250.00	War Games (Ships)

- Jim Smith 2008