

## What about scale...

**This is a subject of great importance for hobbyists who dabble in perfection.** When it comes to scale model racing, there are several scales to calculate from. Each refers to some basis of units when referenced to the actual object being “scaled” ...not weighed. *Note: A 1980 Monte Carlo wheelbase is 3 7/16 in 1:32 scale. [L,H or W/32.04=1:32 scale.](#)*

**In 1:32 scale SLOT CAR 1 inch equals 2' 8" or 32 inches. 3 inches = 8 feet.** 12 foot by 1 foot board = 4.5 by 3/8 in.

Scale	1" =	1 scale foot = (inches • decimals)	1 scale meter =	Prevalent models in this scale
1/4	4"	3" • 3"	250 mm	Flying models, steam trains
1/8	8"	1 1/2" • 1.5"	125 mm	Die-cast cars, motorcycles, steam trains
1/12	1'	1" • 1"	83.3 mm	Cars, figures, motorcycles
1/16	1' 4"	3/4" • .75"	62.5 mm	Cars, motorcycles, armor
1/20	1' 8"	19/32" • .6"	50 mm	Cars
1/22.5	1' 10 1/2"	17/32" • .53"	44.4 mm	G scale trains
1/24	2'	1/2" • .5"	41.7 mm	<b>Slot Car Scale Racing</b>
1/25	2' 1"	15/32" • .48"	40 mm	Cars, trucks
1/32	2' 8"	3/8" • .375"	31.25 mm	<b>Slot Car Scale Racing</b>
1/35	2' 11"	11/32" • .343"	28.57 mm	Armor, boats, figures, diorama structures
1/43	3' 7"	9/32" • .279"	23.25 mm	White-metal cars and trucks
1/48	4'	1/4" • .25"	20.83 mm	Aircraft, armor, cars and trucks, O scale trains
1/64	5' 4"	3/16" • .187"	15.62 mm	Aircraft, S scale trains
1/72	6'	1 1/64" • .167"	13.88 mm	Aircraft, armor, boats
1/76	6' 4"	5/32" • .158"	13.16 mm	Armor, OO scale trains
1/87	7' 3"	9/64" • .138"	11.49 mm	Armor, HO scale trains
1/96	8'	1/8" • .125"	10.42 mm	1/8" scale ships, aircraft
1/100	8' 4"	— • .120"	10 mm	Aircraft
1/125	10' 5"	— • .096"	8 mm	Aircraft
1/144	12'	— • .083"	6.94 mm	Aircraft, ships
1/160	13' 4"	— • .075"	6.25 mm	N scale trains

FYI: A few Plasticville scale buildings can be incorporated into 1:32 diorama because of an “O” gauge compromise.

In 1:32 construction (close to scale), an 8 foot 2 by 4 lumber, the scale is equal to 1/16 by 1/8 by 3 inches long.

**Less than one foot:** 1/2 inch = 16 inches, 1/4 inch = 8 inches, 1/8 = 4 inches, 1/16 = 2 inches and **1/32 = 1 inch.**