

## Many of the Popular Modeling Scales

| Scale         | 1 Inch =     | 1 Scale foot = | 1 Scale foot = (decimal) | 1 Scale meter = | Letter or # | Comments (Typical Model Subjects)            |
|---------------|--------------|----------------|--------------------------|-----------------|-------------|----------------------------------------------|
| <b>1/4</b>    | 4 in         | 3 in           | 3.0 in                   | 250.0 mm        | -----       | Flying models, live steam trains.            |
| <b>1/8</b>    | 8 in         | 1 ½ in         | 1.5 in                   | 125.0 mm        | -----       | Cars, motorcycles, live steam trains         |
| <b>1/12</b>   | 1 ft         | 1 in           | 1.0 in                   | 83.3 mm         | -----       | Cars, motorcycles, dollhouses                |
| <b>1/16</b>   | 1 ft 4 in    | ¾ in           | .75 in                   | 62.5 mm         | -----       | Cars, motorcycles, armor, live steam trains. |
| <b>1/20</b>   | 1 ft 8 in    | 19/32 in       | .6 in                    | 50.0 mm         | -----       | Cars                                         |
| <b>1/22.5</b> | 1 ft 10 ½ in | 17/32 in       | .53 in                   | 44.4 mm         | <b>G</b>    | Trains                                       |
| <b>1/24</b>   | 2 ft         | 1/2 in         | .5 in                    | 41.7 mm         | -----       | Cars, trucks, dollhouses                     |
| <b>1/25</b>   | 2ft 1 in     | 15/32 in       | .48 in                   | 40.0 mm         | -----       | Cars, trucks                                 |
| <b>1/32</b>   | 2 ft 8 in    | 3/8 in         | .375 in                  | 31.25 mm        | <b>1</b>    | Aircraft, cars, armor, No. 1 scale trains    |
| <b>1/35</b>   | 2 ft 11 in   | 11/32 in       | .343 in                  | 28.57 in        | -----       | Armor                                        |
| <b>1/43</b>   | 3 ft 7 in    | 9/32 in        | .279 in                  | 23.25 mm        | -----       | Cars, trucks                                 |
| <b>1/48</b>   | 4 ft         | 1/4 in         | .25 in                   | 20.83 mm        | <b>O</b>    | Aircraft, armor, vehicles, trains            |
| <b>1/64</b>   | 5 ft 4 in    | 3/16 in        | .187 in                  | 15.62 mm        | <b>S</b>    | Aircraft, vehicles, trains                   |
| <b>1/72</b>   | 6 ft         | 11/64 in       | .167 in                  | 13.88 mm        | -----       | Aircraft, armor, vehicles, ships, subs       |
| <b>1/76</b>   | 6 ft 4 in    | 5/32 in        | .158 in                  | 13.16 mm        | -----       | Armor, vehicles, ships                       |
| <b>1/87</b>   | 7 ft 3 in    | -----          | .138 in                  | 11.49 mm        | <b>HO</b>   | Armor, vehicles, figures, trains             |
| <b>1/96</b>   | 8 ft         | 1/8 in         | .125 in                  | 10.42 mm        | -----       | Ships, aircraft                              |
| <b>1/100</b>  | 8 ft 4 in    | -----          | .120 in                  | 10.0 mm         | -----       | Aircraft,                                    |
| <b>1/125</b>  | 10 ft 5 in   | -----          | .096 in                  | 8.0 mm          | -----       | Aircraft, ships                              |
| <b>1/144</b>  | 12 ft        | -----          | .083 in                  | 6.94 mm         | -----       | Aircraft, ships, subs, armor                 |
| <b>1/160</b>  | 13 ft 4 in   | -----          | .075 in                  | 6.25 mm         | <b>N</b>    | Ships, trains                                |
| <b>1/192</b>  | 16 ft        | 1/16 in        | .062 in                  | 5.21 mm         | -----       | Ships                                        |
| <b>1/200</b>  | 16 ft 8 in   | -----          | .06 in                   | 5.0 mm          | -----       | Aircraft, ships                              |
| <b>1/220</b>  | 18 ft 4 in   | -----          | .054 in                  | 4.54 mm         | <b>Z</b>    | Trains                                       |
| <b>1/285</b>  | 23 ft 9 in   | -----          | .042 in                  | 3.5 mm          | -----       | Wargaming, Ships, Vehicles                   |
| <b>1/350</b>  | 29 ft 2 in   | -----          | .034 in                  | 2.86 mm         | -----       | Ships, subs, aircraft, armor                 |
| <b>1/400</b>  | 33 ft 3 in   | -----          | .03 in                   | 2.50 mm         | -----       | Ships, subs                                  |
| <b>1/700</b>  | 58 ft 4 in   | -----          | .017 in                  | 1.43 mm         | -----       | Ships, subs                                  |
| <b>1/720</b>  | 60 ft 0 in   | -----          | .016 in                  | 1.38 mm         | -----       | Ships                                        |
| <b>1/1200</b> | 100 ft 0 in  | -----          | .01 in                   | .833 mm         | -----       | Wargaming, Ships                             |
| <b>1/2400</b> | 200 ft 0 in  | -----          | .005 in                  | .412 mm         | -----       | Wargaming, Ships                             |

For **Model Figures** that are in millimeters (mm), let's assume an "average man" height of 5 ft 8 in.

5 ft 8 in = 1717 mm.....so.....1717 *divided* by figure size (mm) = **scale approximation**.

Example: 1717 *divided* by **54 mm** = 31.8 mm. By the chart above, we see it is almost 31.25mm, or 1 / 32 scale.