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1:64 Scale Reference Sheet

Real-world dimensions converted to 1/64 model dimensions. Print on A4 and keep it at the bench.

A4 · PRINTABLE

4 reference tables

Printable scale bar

model dimension = real dimension ÷ 64

Reference car used throughout: 2020 Porsche 911 Carrera S, manufacturer dimensions 4,519 mm long, 1,852 mm wide and 1,300 mm tall. Every figure below is that measurement divided by the scale denominator.

CONTENTS

1. How big is a 1:64 car? 1
2. The same car at every scale 1
3. Everyday objects at 1:64 2
4. Converting between two scales 2

1. HOW BIG IS A 1:64 CAR?

Real car (911 Carrera S)	Real size	At 1:64
Length	4,519 mm	70.6 mm (2.78 in)
Width (body, no mirrors)	1,852 mm	28.9 mm (1.14 in)
Height	1,300 mm	20.3 mm (0.80 in)

2. THE SAME CAR AT EVERY SCALE

Scale	Length	Width	Height	Typical use
1:12	376.6 mm	154.3 mm	108.3 mm	Large collector models, motorways
1:18	251.1 mm	102.9 mm	72.2 mm	Display-grade diecast, garage collections
1:24	188.3 mm	77.2 mm	54.2 mm	Detailed diecast and plastic kits
1:32	141.2 mm	57.9 mm	40.6 mm	Slot cars, mid-size diecast
1:43	105.1 mm	43.1 mm	30.2 mm	European collector standard
1:64	70.6 mm	28.9 mm	20.3 mm	Hot Wheels, Matchbox, Mini GT, dioramas
1:87	51.9 mm	21.3 mm	14.9 mm	HO model railway scenery

3. EVERYDAY OBJECTS AT 1:64

Object	Real size	At 1:64
Adult human figure	1,750 mm	27.3 mm
Interior door	2,030 mm	31.7 mm
Residential garage door	2,130 × 2,440 mm	33.3 × 38.1 mm
Single garage bay	2,700 × 5,500 mm	42.2 × 85.9 mm
Parking space	2,500 × 5,000 mm	39.1 × 78.1 mm
Single traffic lane	3,600 mm	56.3 mm
Standard traffic sign	600 × 600 mm	9.4 × 9.4 mm
Kerb height	125 mm	2.0 mm
Street lamp	8,000 mm	125.0 mm
Workbench	1,800 × 700 × 900 mm	28.1 × 10.9 × 14.1 mm
Wheelie bin	1,100 × 1,000 × 1,400 mm	17.2 × 15.6 × 21.9 mm
Two-post lift base	2,400 mm	37.5 mm

4. CONVERTING BETWEEN TWO SCALES

From	To	Multiply the model by
1:64	1:43	1.4884 (148.84%)
1:64	1:32	2.0000 (200%)
1:64	1:24	2.6667 (266.67%)
1:64	1:18	3.5556 (355.56%)
1:64	1:87	0.7385 (73.85%)

PRINTABLE SCALE BAR

Cut along the line and use it to check scale on the bench. The bar is 5 m of real road at 1:64, which measures 78,1 mm on this sheet. Tick marks are every 0,5 m real (7,8 mm at 1:64). Top row: real metres. Bottom row: the same distance in millimetres at 1:64.

