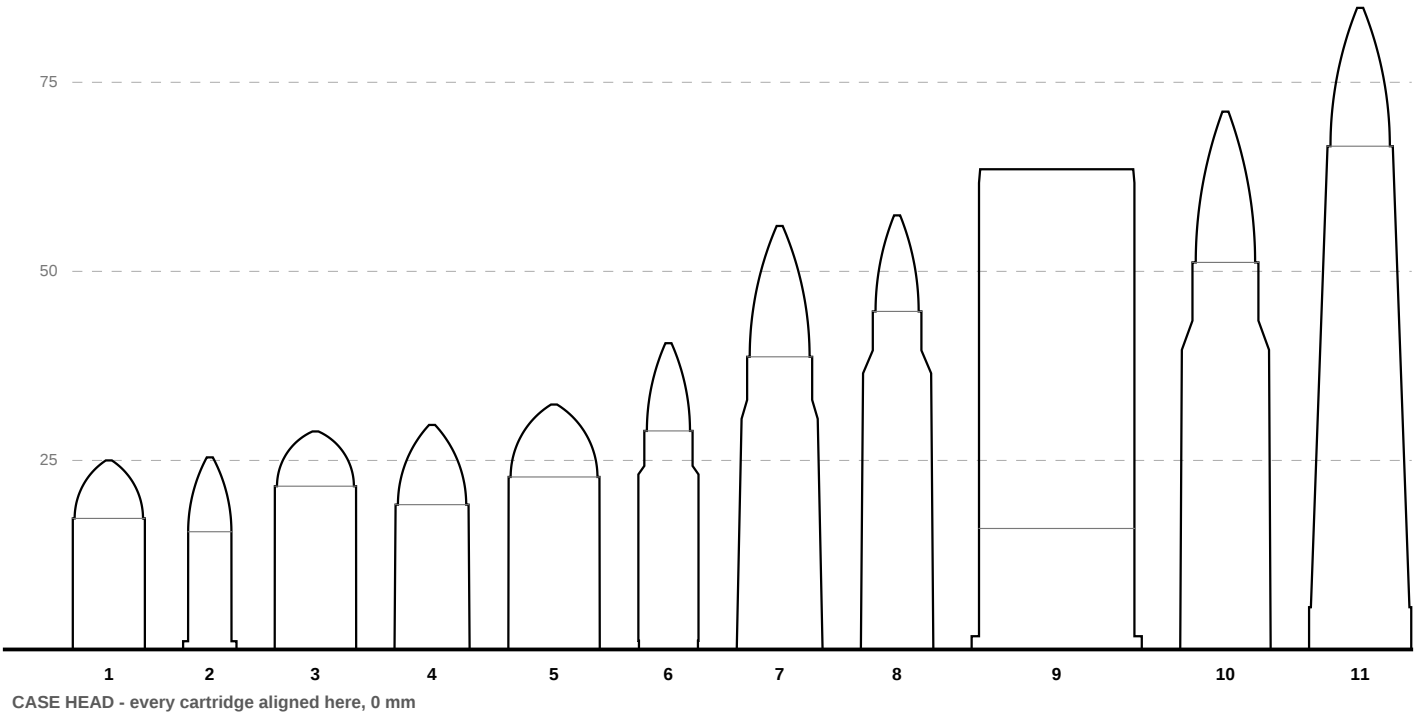


CARTRIDGE SIZE COMPARISON

Eleven cartridges drawn 1:1, every case head on one line. Print at 100% and lay the real round on the outline.



Dimensions, drawn 1:1

#	Cartridge	Overall	Case	Bullet	Widest	Form
1	.380 ACP	25.0 mm	17.33 mm	9.04 mm	9.53 mm	straight
2	.22 LR	25.4 mm	15.57 mm	5.72 mm	7.06 mm	rimmed
3	.40 S&W	28.8 mm	21.59 mm	10.17 mm	10.77 mm	straight
4	9x19mm Para	29.7 mm	19.15 mm	9.03 mm	9.96 mm	straight
5	.45 ACP	32.4 mm	22.81 mm	11.48 mm	12.19 mm	straight
6	5.7x28mm	40.5 mm	28.90 mm	5.70 mm	7.95 mm	rebated
7	7.62x39mm	56.0 mm	38.70 mm	7.92 mm	11.35 mm	bottleneck
8	5.56x45 NATO	57.4 mm	44.70 mm	5.70 mm	9.60 mm	bottleneck
9	12 Gauge 2¾"	63.5 mm	69.80 mm	18.53 mm	22.50 mm	shotshell
10	.308 Win	71.1 mm	51.18 mm	7.85 mm	12.01 mm	bottleneck
11	.300 Win Mag	84.8 mm	66.55 mm	7.85 mm	13.51 mm	belted

Overall length is the standard MAXIMUM cartridge length, not a fixed property: it depends on the bullet seated and how deep, so each outline is one representative loading. Noses are drawn as tangent ogives with a 0.8 mm meplat - a hollow point, a wadcutter or a flat point of the same length has a different front end. Extractor grooves are omitted. "12 Gauge 2 3/4 in" names the fired case length, 69.8 mm; a loaded shell folds over at the mouth and is drawn at its loaded 63.5 mm, which is the length you can actually lay on the paper. Figures are C.I.P. TDCC and SAAMI standard dimensions - the site database holds none of the head, shoulder or neck diameters a 1:1 profile needs. Measure the bar below before trusting any dimension off this sheet.

SOURCES

- 1

.380 ACP - C.I.P. TAB. IV, 9 mm Browning court
- 2

.22 LR - C.I.P. TAB. V, 22 Long Rifle
- 3

.40 S&W - C.I.P. TAB. IV, 40 S. & W.
- 4

9x19mm Para - C.I.P. TAB. IV, 9 mm Luger
- 5

.45 ACP - SAAMI, 45 Automatic
- 6

5.7x28mm - C.I.P. TAB. I, 5,7 x 28
- 7

7.62x39mm - C.I.P. TAB. I, 7,62 x 39
- 8

5.56x45 NATO - C.I.P. TAB. I, 223 Rem.
- 9

12 Gauge 2¾" - SAAMI 12 ga; C.I.P. TAB. VII shot-cartridge form
- 10

.308 Win - C.I.P. TAB. I, 308 Win.
- 11

.300 Win Mag - C.I.P. TAB. III, 300 Win. Mag.

CHECK BEFORE USE - this bar must measure exactly 100 mm. Print at 100%, not "fit to page".

