How to Measure your Level Gauge & Get a Part Number

Ideally, when ordering a gauge, we would like to know your tank measurements in order to be able to manufacture the correct gauge. The measurements we need are as follows:

- Tank depth, or the distance from empty to full.
- Extension length, or the distance from full to gauge threads.
  Extension length may be 0.
- NPT Opening Size.

Part Number Format
(gauge type-opening size-tank depth-extension-options)

**Tank Depth** is the distance in your tank from empty to full.

**Extension** is the distance in your tank from full to threads.

When getting these measurements from an existing gauge, use the picture to the left and the formulas below.

- **Formula** - (2xA)+1 = Tank Depth
- **Formula** - (B-1)-A = Extension Length (may be 0)

Measure bottom / outside of the bushing. Generally, NPT bushings measure .25” larger than they actually are.

We make .75”, 1.5” and 2” bushings.

**Example without Extension:**

Measurement A is 23
Measurement B is 24

Formula - (2 x 23) + 1 = 47” tank depth
Formula - (24 - 1) - 23 = 0” extension
Opening measures 1.75” = 1.5” opening

Part Number = D-1.5-47

**Example with Extension:**

Measurement A is 23
Measurement B is 35

Formula - (2 x 23) + 1 = 47” tank depth
Formula - (35 - 1) - 23 = 11” extension
Opening measures 2.25” = 2” opening

Part Number = D-1.5-47+11