Bayonet Ring
A bayonet ring is a removable ring on a gauge. Most bayonet rings have three to five bayonets that are visible from the side. These bayonets look like indentations on the outside rim of the ring. The bayonet ring holds a window and gasket onto the gauge. Removing this ring will remove the gasket and window thereby exposing the dial. This ring is most suitable on a gauge that has an adjustable pointer or any other options that may require the operator to have access to the inside of the gauge.
**Crimp Ring**
This ring is used to hold a window and gasket onto a gauge. However, it is not removable because the ring is crimped on to the gauge. Crimping this ring to a gauge requires special tooling. This ring is suitable for gauges require a tamper-proof design.

**Profile Ring**
Mainly used in panel mounting with a mounting bracket such as a u-clamp. There are several types of profile rings: twist on bayonet profile ring, screw retained profile ring, and crimped profile ring. A profile ring has a protrusion or a lip on the side of the ring which allows the gauge to be panel mounted. A 213.40 2.5" CBM with a screw retained profile ring is shown below.
Standoff Ring
Used in panel mounting with a mounting bracket such as a u-clamp. This ring is mainly used on a gauge that has a bayonet ring. The standoff ring creates an offset between the panel and the bayonet ring. When mounted onto a panel, the standoff ring will be flush to the panel surface. This will allow the bayonet ring to be removed while letting the gauge stay mounted onto the panel. The standoff ring is standard on the 2XX.54 2.5" with u-clamp and is not available on any other gauge model or size.

When the 2XX.54 4" is ordered with a u-clamp bracket, it will not come standard with a standoff ring. In this configuration, the bayonet ring acts as the protrusion required to keep the gauge mounted in the panel and is suitable for most applications. However, the bayonet ring is not removable while the gauge is mounted in the panel due to the contact of the ring surface with the panel. Furthermore, the bayonet ring may also receive undue stress if the u-clamp and gauge is over-tightened in the panel cut-out.

However, to alleviate these problems, a standoff ring is available and must be ordered special with the u-clamp option. The standoff ring will be flush to the panel surface, relieving the stress on the bayonet ring. Also, the standoff ring will allow the bayonet ring to be removed while the gauge is still mounted in the panel.

Cover Ring
This ring, seen mainly on the 213.40, slides over the case on the gauge and covers it. It is mainly used for aesthetic purposes. The 213.40 2.5" LM is shown below with its gold plated-abs cover ring. On this particular model, the cover ring is pressed onto the gauge with an arbor press.
Friction Ring
A friction ring, mainly seen on the 111.10 and 111.12 models, is retained by friction and small indented tabs on the case. On a standard 111.10 or 111.12 gauge with a snap in window, the friction ring can be used as a cover ring. However, a 111.10 or 111.12 gauge with a glass or safety glass window must have a friction ring to hold the window in place. This is because the glass and safety glass windows cannot be retained to the case in any other way. A 111.10 gauge with a standard acrylic snap in window is shown below with a friction ring installed.