

Male Acme NoGo(Low Limit)Ring Gauge Instruction Sheet

1-1/4" – 3-1/4" Male Acme NoGo(Low Limit)Ring Gauges

NoGo Ring Gauges are intended for use with male acme threads only.

* It is recommended that this service procedure be conducted at a minimum of every six months or as necessary, depending on conditions and the frequency by which the fittings are used.

Warning: Acme Thread NoGo Gauges are set to exact tolerances and must not be mishandled or dropped as this will impact their accuracy.

Step I

Ensure all system pressure/gas has been released from the system piping in connection with the fitting to be checked before proceeding to step II. Failure to follow these instructions could result in an explosion and/or fire causing property damage and personal injury or death.

Step II

Be sure to inspect male acme fittings, including the nitrile gasket, for any visible defects or damage prior to gauging. If visible defects exist skip to step IV and replace acme fitting. Align the NoGo Gauge with the male acme thread by putting the imprinted side of the gauge toward the acme fitting. Place the gauge on the male acme thread and rotate counter-clockwise $\frac{1}{4}$ of a turn to align with lead thread of fitting. Once the lead thread has aligned itself into the gauge, rotate gauge clock-wise until the gauge will no longer thread onto the part. **Do not** use any tools or devices to tighten gauge onto the acme fitting, NoGo Ring Gauges are intended for hand tightening only!

Step III

Once the gauge has been fully engaged onto the male acme thread, you can judge the level of wear. A new acme fitting will travel approximately $\frac{1}{4}$ to 1 full turn into the NoGo Ring Gauge. This is an acceptable range for a new fitting. A fitting has become too worn (out of tolerance) and must be replaced immediately when the NoGo Gauge travels the full length of the thread, stopping at or near the wrench hex area of the male acme fitting.

Step IV

Replace fittings that are worn out of tolerance using quality MEC acme adapters and fittings.

Install, operate, and maintain Marshall Excelsior Co. equipment in accordance with federal, state, and local codes and these instructions. The installation in most states must also comply with NFPA #58, ANSI K61.1 and DOT standards.