

Duragauge[®] Pressure Gauge

DU/PI-24A

1/4" HIGH PRESSURE TUBING CONNECTION

The subject connection is standard for all Duragauges with ranges above 20,000 psi. It is also available as an option on Duragauges with ranges 20,000 psi and lower. It is listed on the Optional Features List Price Sheet – “09” Code under the “Applicable to Bourdon Tube System Assemblies” section.

This special connection should only be used with matching fittings having a non-rotating seat. Note that the fitting is a three-piece design. By correctly positioning the sleeve, the socket seat will mate properly with the tube seat. Tightening the gland nut results in a metal-to-metal leak tight joint. Because of the three-piece design the seating surfaces do not rotate.

If a one-piece fitting is used, the seats can be scored during tightening. Also concentricity of mating parts is better with a three-piece design.

The following fittings are recommended:

- 1/4" AMINCO High Pressure Fitting
- AUTOCLAVE F-250-C
- 1/4" PRESSURE PRODUCTS H.P. Fitting