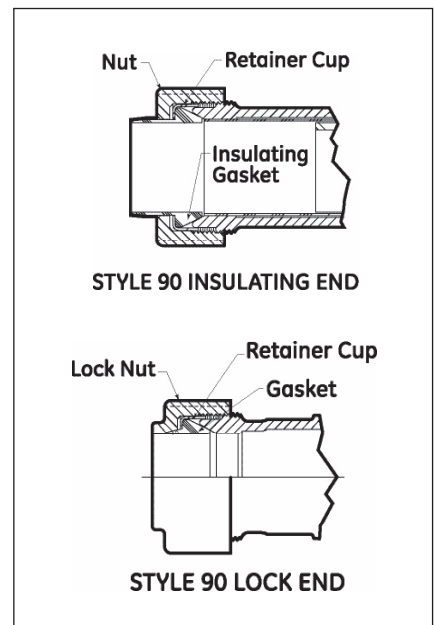
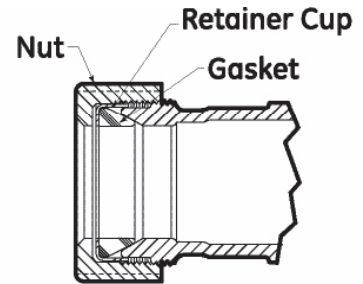


# Style 90 Valve Ends

For use on Steel Pipe Only

Style 90 ends (gasket, retainer cup and nut) are for use by equipment, fitting and valve manufacturers having male threads meeting Dresser thread specification. Style 90 ends are intended for use in a natural gas piping system and it is the responsibility of the purchaser of Style 90 ends for use on their product to make sure that the end user of the product receives Dresser’s recommended installation instructions.

1. Clean pipe ends and remove any metal burrs, loose scale, rust or dirt that might impair the performance of the seal. Apply soapy water to the gaskets, (anti-freeze may be added in freezing weather).
2. For the purpose of proper pipe insertion, mark each pipe 2” from end (add 1/4” additional stab depth for Plastisol coated fittings).
3. Loosen nut about one-quarter turn to relieve gasket pressure. Stab pipe end to full entry (a minimum pipe entrance of 2” is required).
4. Tighten each nut independently while holding the valve body from rotating - see table for wrench size. Recommended minimum torque for lock ends is a pull of 100 lbs. applied to the end of the wrench and a pull of 75 lbs. for other types of ends.
5. Style 90 ends are recommended for maximum operating temperature of 150° F. and 175 PSIG. Seal only.
6. Dresser Lock Ends may be used for restraint against internal line pressures up to 150 PSI. When pipe movement out of the coupling might occur as a result of forces other than that caused by internal pressures up to 150 PSI, proper anchorage of the pipe must be provided.
7. When Style 90 ends are used on a product that is subjected to welding, the nut, gasket and insulator if used must be removed prior to welding.



**⚠ WARNING**

When pipe pullout could occur, pipe joint **MUST** be anchored. Failure to anchor pipe joint could result in escaping line content and cause property damage, serious injury or death.

**⚠ WARNING**

You **MUST** mark and stab the pipe into the fitting to the proper stab depth. Failure to do so could result in escaping line content that could cause property damage, serious injury or death.

**⚠ WARNING**

**BEFORE WELDING:**  
Remove all compression end components. Failure to do so could destroy the gasket and result in escaping gas that could ignite and cause property damage, serious injury or death.

**WARNING**  
This Product is for use on **STEEL PIPE ONLY!**  
Do Not Use for PE Applications!

| Nominal Steel Pipe Size (ID) | Wrench Size (in) |
|------------------------------|------------------|
| 3/8"                         | 10               |
| 1/2"                         | 14               |
| 3/4"                         | 14               |
| 1"                           | 18               |
| 1-1/4"                       | 18               |
| 1-1/2"                       | 24               |
| 2"                           | 24               |



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