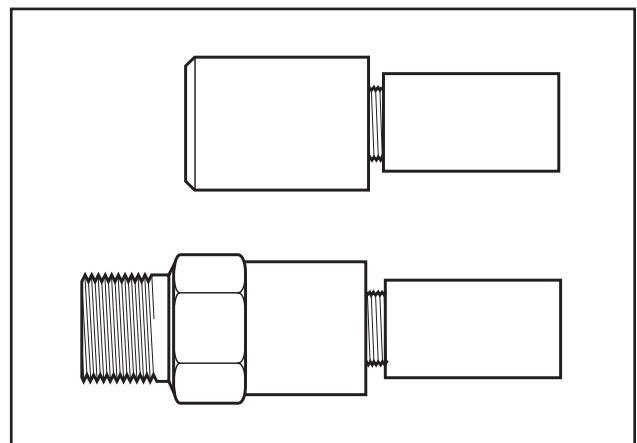
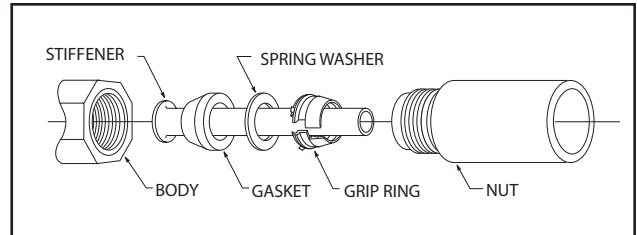


Style 501 SEAL-PLUS™

Restraining Ends with Shield Nuts

1. Cut tubing square and deburr. Tubing must be clean and free of longitudinal scratches. A slight chamfer approximately 1/16" x 45° on the end of tubing will facilitate insertion into the fitting.
2. If WELDING is required, remove components prior to welding, then reassemble parts in the sequence and orientation as shown.
3. Make sure nut shoulder is 1/4" to 5/16" from body contact.
4. Mark tubing for stab depth as follows: 5/8", 7/8" and 1-1/8" O.D. 4" length; 1-3/8" O.D. 4-1/8" length.
5. Check stiffener to assure it is for wall thickness of tubing used. (See the color code chart at right).
6. Stab tubing into fitting until it bottoms. If properly stabbed, the tube markings will be inside the UNTIGHTENED nut. STABBING NOTE: This fitting does not grip when the tubing is stabbed. If difficulty is encountered in stabbing, withdraw the tubing and try reinserting again. (Be sure nut flange is at least 1/4" from body.) After proper stabbing is determined, THE NUT MUST BE HAND TIGHTENED TO ACTUATE THE GRIP RING FOR HOLDING THE TUBING IN PLACE DURING FINAL TIGHTENING.
7. Tighten nut until shoulder contacts body.
8. Check stabbing marks on tubing. If the stab depth mark is located flush or within 1/8" of being flush with the end of nut, the tubing inserted correctly. If not, disassemble to check if stab mark depth is correct.
9. In reassembling an improperly stabbed end, cut off the tubing to eliminate the gripper teeth marks, reassemble parts in proper order, remark tubing, and then repeat the connection procedure.

NOTE: The gasket, spring washer and grip ring are held in place with shrink-wrap to facilitate assembly at the factory. The shrink-wrap does not need to be removed and is designed to break away during installation. However, if the fitting is disassembled following an improper installation, the shrink-wrap must be discarded prior to reassembly of the fitting as noted in Step 9 above.



COLOR CODE CHART

Tubing Wall (Any Diameter)	Stiffener Color
.062	Red
.077	Blue
.090	Silver
.099/.101/.103	Gold
.121	Black

WARNING

P.E. PIPE

Use proper insert in P.E. pipe end. Improper insert could result in escaping gas that could ignite and 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.

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