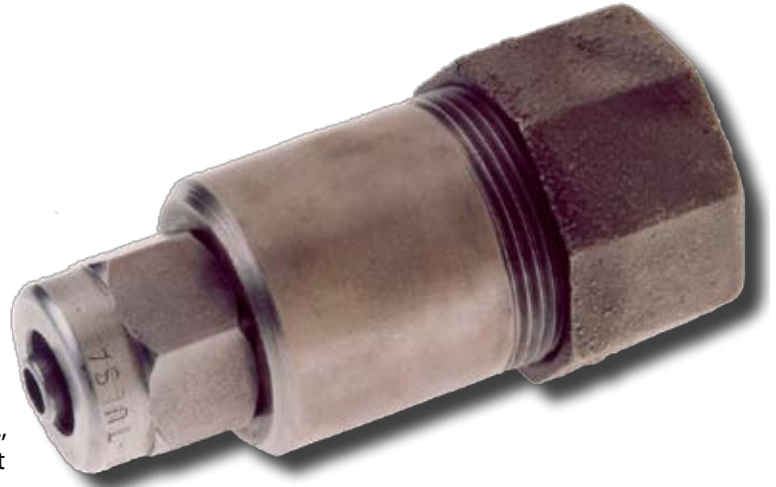




Continental's Steel Mechanical Compression Couplings provide the user with the following advantages:

- Continental's mechanical compression fittings have been sold to the Gas Distribution, Plumbing and Propane markets since 1962
- Millions are in service in the U.S.
- Cost effective joining method
- Simple assembly
- Permanent leakproof joint
- Gasket fully retained to prevent cold flow
- Designed for maximum pullout strength—tensile strength exceeds requirements of D.O.T., Title 49 of the Code of Federal Regulations, Part 192.283(b)
- Built in stiffener—no loose parts
- Lock Type Design—nut bottoms out to provide fool-proof controlled compression
- Meets or exceeds all D.O.T. and ASTM requirements



Continental Industries is an ISO 9001 Certified Company. Continental's Steel Mechanical Compression Couplings are manufactured and tested to the following industry standards.

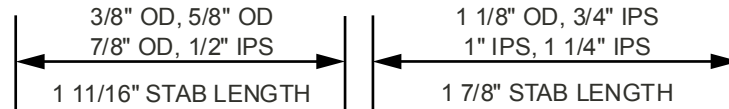
- ASTM D 2513 "Standard Specification for Thermoplastic Gas Pressure Pipe, Tubing and Fittings"
- ASTM F 1948 "Standard Specification for Metallic Mechanical Fittings for Use on Outside Diameter Controlled Thermoplastic Gas Distribution Pipe and Tubing"
- ASME B31.8-1995 "Gas Transmission and Distribution Piping Systems"
- D.O.T., Title 49 of the Code of Federal Regulations, Part 192.283 (b) & 192.367



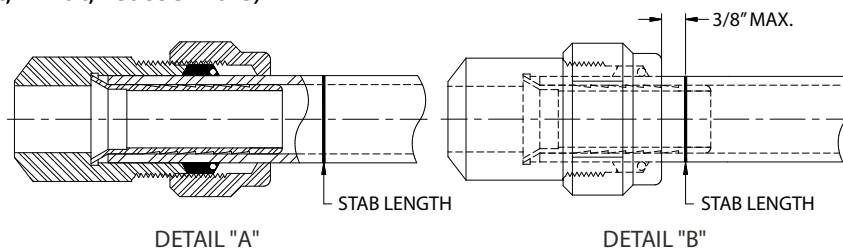


STEEL COUPLING INSTALLATION INSTRUCTIONS (PE Compression)

1. Cut pipe ends square, deburr outside and inside, clean thoroughly to assure there is no dirt, grease, oil, etc. on assembly area of pipe.
2. Mark stab length on pipe (see examples for correct pipe or tubing size and corresponding stab length). If a line shield nut is used, see examples for line shield nut stab depths.

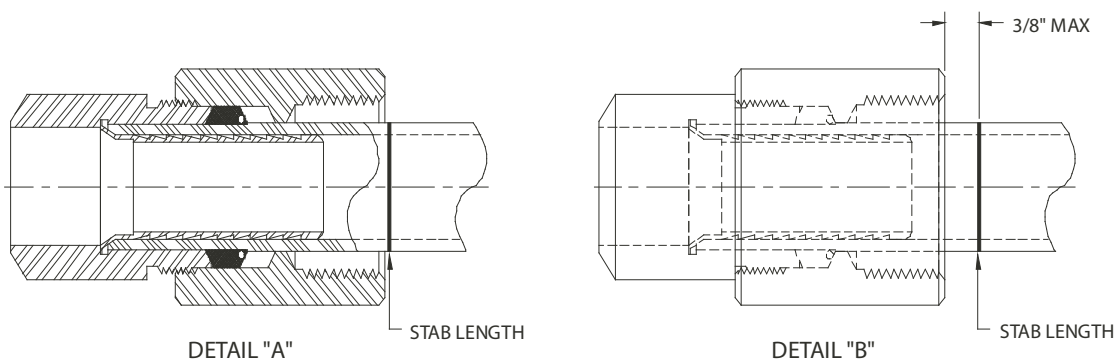
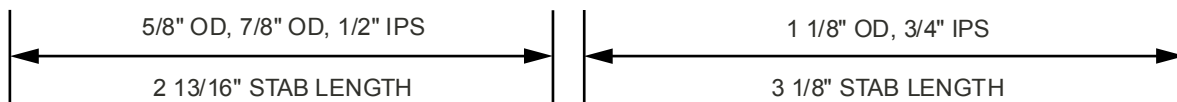


3. Loosen compression nut and insert pipe until it bottoms in outlet. (See detail "A")
4. Tighten compression nut until it shoulders against the outlet. (See detail "B") Line marked for stab length should be no more than 3/16" (3/8" for line shield nuts) from face of nut, if not, reassemble. **(NOTE:** If outlet is for 1-1/4" IPS, compression nut will not shoulder against outlet. Tighten compression nut to approx. 90 ft.lbs. Line marked for stab length should be no more than 5/8" from face of nut, if not, reassemble)



NOTICE

IF FITTING USES A LINE SHIELD NUT USE THE FOLLOWING STAB LENGTHS



NOTE: It is advisable to limit shear at main connections. In this regard, your company's policies should be followed. For further information, reference; ASTM D 2774 Standard Practice for Underground Installation of Thermoplastic Pressure Piping; Code of Federal Regulations, Title 49, Transportation Part 192; AGA Plastic Pipe Manual and/or The Guidance Manual for Operators of Small Gas Systems by the U.S. Department of Transportation.

TECHNICAL INFO



STEEL COUPLING INSTALLATION INSTRUCTIONS (Conductive Compression)

NON-LOCK TYPE CONDUCTIVE COMPRESSION OUTLETS

1. Clean pipe ends thoroughly. Remove coatings, dirt, etc.
2. Install pipe into outlet so that the pipe end is inserted to the back of the outlet. Pipe misalignment may be no more than 3½°.
3. Tighten compression nut to the values listed below. **Note:** Where pipe movement out of outlet might occur, proper pipe anchorage must be provided.

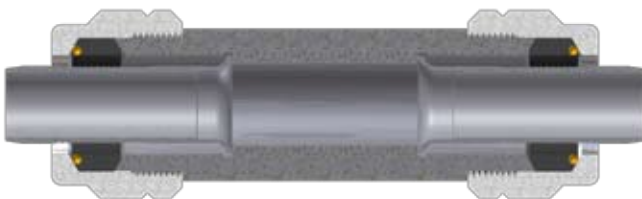
Steel Pipe and Tubing	
Size	Foot-Lbs.
7/8" OD.....	91
3/4" IPS.....	120-140

Steel Pipe and Tubing	
Size	Foot-Lbs.
1" IPS	120-140
1-1/4" IPS	286

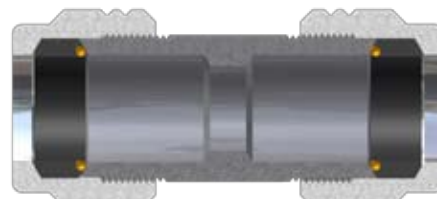
LOCK TYPE CONDUCTIVE COMPRESSION OUTLETS

1. Make sure that tubing surface is clean and free of coatings.
2. Loosen compression nut and insert tubing to the stop.
3. Tighten compression nut until it bottoms on shoulder. **Note:** Where pipe movement out of outlet might occur, proper pipe anchorage must be provided.

COMPRESSION STYLES



Compression Style Fitting For PE Pipe
(Lock Type Compression Shown)



Compression Style Fitting For Steel Pipe
(Standard Compression Shown)

Compression Style Fittings for PE Pipe — Compression style fittings for PE pipe are designed with a built in stiffener concept and are to be used with PE pipe manufactured to ASTM D-2513 specifications. Two basic designs are supplied; the lock type positive bottoming for controlled compression and the standard compression which requires controlled torquing to proper compression. Refer to the instructions given with each fitting for proper installation.

Compression Style Fittings for Steel Pipe — Two basic designs are supplied; the lock type and standard compression. Lock type compression is positive bottoming for controlled compression and the standard compression requires controlled torquing for proper compression. Refer to the instructions given with each fitting for proper installation.