



Steel Fabricated Coupling

Straight Connection

452

Description: A bolted sleeve type coupling for joining plain end pipe of the same diameters.

Application: Joining plain end pipe without the need for welding or special pipe fittings.

KEY FEATURES:

- Allows for limited expansion and contraction
- Will dampen vibration to reduce pipe fatigue
- Easy to install, no special pipe end preparation required
- Available for the oilfield and natural gas markets with several sleeve lengths
- Has good deflection capabilities; allows change in piping direction without extra fittings
- Steel sizes built to specific OD's.

Material Specifications (subject to change):

Sleeve: ASTM A53, ASTM A512 or Carbon Steel having minimum yield of 30,000 psi

Follower Flange: High Strength, low alloy steel Gr. 80

Bolts & Nuts: High strength, low alloy steel with heavy semi-finished hexagon nuts

Optional: Stainless Steel and Carbon Steel ASTM A307 electro-galvanized with di-chromatic seal

Gasket: Nitrile (Buna-N) - Oilfield Applications. Bonded gasket for natural gas applications

Temperature Range: -20F to 180F

Finish: Red Fusion bonded, epoxy coating

Optional: Green Epoxy (OD only) Natural Gas Application

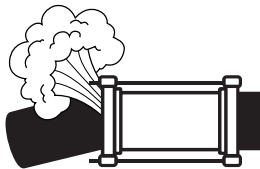
Working Pressure: 225 PSI

Pipe Applications: Steel Pipe sizes. Contact Smith-Blair Engineering for questions

Sizes: 1/2" up to 12"

NOTE: Larger sizes available in our E-Series coupling line

WARNING



THIS PRODUCT DOES NOT RESTRAIN PIPE MOVEMENT. Proper anchoring is required to prevent pipe pullout. Failure to anchor or improper anchoring can result in dangerous pipe content escape, property damage, serious injury, or death. Read the product installation instructions prior to installing this product.