



# Top Bolt®

## Long Sleeve, Wide Range, Two Bolt Coupling System

PATENT NO. 8,582,945 / 8,776,351 / 9,789,832

# 422



**Description:** Two bolt, stab fit coupling featuring removable/replaceable inner gaskets to expand range of product and reduce number of SKUs that must be stocked.

### Applications:

- Joining plain-end pipe of same outside diameters
- Joining wide range plain-end pipe of different outside diameters with same nominal size.
- Replacing split or excessively damaged pipe

### Key Features:

- Easy to install — One bolt on each end to tighten
- Removable inner gasket for larger O.D.s
- Bi-directional inner gasket can be reinstalled
- Corrugated armor — reduces friction between gasket and armor, thus allowing better gasket seating; prevents armor from gouging flange finish, thus reducing possible corrosion point
- Wide range - Up to 1.31 inches
- Reduces inventory by having wide range
- Lightweight
- Stab insertion of pipe ends
- Corrosion resistant Flexi-Coat® Epoxy Finish
- Epoxy coated 304 Stainless Steel hardware and fluoropolymer coated nuts to reduce galling
- Optional anode connector for additional corrosion protection
- Easily disassembled when necessary

### Materials Specifications (subject to change):

SLEEVE: Carbon Steel

FLANGES: Carbon Steel

ARMOR: 304 Stainless Steel

GASKET: Nitrile (Buna N)

BOLTS: Type 304 Stainless Steel with Flexi-Coat® Fusion Bonded Epoxy Finish

NUTS: Type 304 Stainless Steel or equivalent, with fluoropolymer finish to prevent galling

FINISH: Flexi-Coat® Fusion Bonded Epoxy Finish

**Working Pressure:** 260 PSI

**Pipe Applications:** Steel, PVC, Ductile Iron, Asbestos Cement and Copper tube sizes

**Sizes (in inches):** 2, 3, 4, 6, 8, 10, 12 and 10 oversize and 12 oversize

**Deflection:** 4° per end



**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.



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NOM. SIZE (IN.)	CATALOG NUMBER	OVERALL RANGE (IN.)	LOWER RANGE (IN.)	UPPER RANGE (IN.)	WIDTH (IN.)	HEIGHT (IN.)	SLEEVE LENGTH (IN.)	LAYING LENGTH (IN.)	MAX GAP (IN.)	BOXED WEIGHT (LBS.)
2	422-02130295-031	2.13-2.95	2.13-2.60	2.50-2.95	5.38	7.25	8	12.00	4	11
3	422-03100420-031	3.10-4.20	3.10-3.56	3.70-4.20	6.88	8.38	12	16.00	8	16
4	422-04460560-031	4.46-5.60	4.46-5.05	5.00-5.60	8.75	10	12	16.00	8	26
6	422-06560760-031	6.65-7.60	6.65-7.05	7.00-7.60	10.88	12.13	16	21.00	12	39
8	422-08540985-031	8.54-9.85	8.54-9.15	9.15-9.85	13.13	14.38	16	21.00	12	49
10	422-10641183-031	10.64-11.83	10.64-11.18	11.13-11.83	15.5	16.5	16	21.00	12	58
12	422-12621367-031	12.62-13.67	12.62-13.06	13.10-13.67	17.63	18.75	16	21.00	12	67