

# JCM INDUSTRIES

P. O. Box 1220, Nash, TX 75569-1220

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[www.jcmindustries.com](http://www.jcmindustries.com)

## Typical Specification

### JCM 418 Fabricated Threaded Outlet Tapping Sleeve

Service fittings shall be the high strength type fabricated of a minimum ASTM A36, A516 GR 70 or equal, which conforms to and reinforces the pipe. Sleeve shall be minimum 8" wide and be sized to fit and reinforce the pipe circumference. Sleeve outlet shall have a minimum 3/4" wide Buna-N gasket in a machined groove around the threaded outlet. Standard service fitting shall be furnished with a corrosion resistant shop coat paint primer with Electro Coated Powercron 590-534, high strength low alloy oval neck track head bolt per ASTM A242 and nuts (per ASTM A563) or equal.

Service fittings shall be JCM 418 Threaded Outlet Tapping Sleeve or approved equal.

JCM 400 Series Tapping Sleeves are ANSI/NSF Standard 61, Annex G and ANSI/NSF 372 Certified. JCM 400 Series Tapping Sleeves meet MSS-SP124 and ANSI/AWWA Standard C223 Fabricated Steel and Stainless Steel Tapping Sleeves as applicable.



JCM 418 Threaded Outlet  
Tapping Sleeve  
Image reflects 6" nominal size

*This typical specification, provided by JCM Industries, is a proposed guideline for use by specifying agencies to ensure significant design and material features of this product are included within the agencies' individual specifications.*

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## Material Specification

### JCM 418 Fabricated Threaded Outlet Tapping Sleeve

**Body:** ASTM A36, A516 GR 70 or equal.

**Gasket:** Nitrile Butadiene Rubber (NBR, Buna-N) per ASTM D2000. Molded virgin rubber with a pressure activated hydromechanical design. Gasket is bonded into a cavity for internal and external retention. Gasket temperature range -40°F to 212°F (-40°C - 100°C) Gasket suitable for water, salt solutions, mild acids, bases, and sewage. Optional gasket materials available.

**Bolts:** Sleeve sizes 7.45 and smaller = 5/8", sleeve sizes 9.05 and larger = 3/4"

#### Service

**Rating:** 3/4" - 4" outlets: 250 PSI. Higher service rating available for specific applications and sizes.

JCM 400 Series Tapping Sleeves meet MSS-SP124 and ANSI/AWWA Standard C223 Fabricated Steel and Stainless Steel Tapping Sleeves as applicable.

#### Select Finish and Hardware Options:

##### Finishes

- Heavy coat of corrosion resistant shop coat primer.
- Fusion applied epoxy coating, minimum 12 mils thickness per ANSI/AWWA Standard C213 Fusion Bonded Epoxy Coatings and Linings for Steel Water Pipe and Fittings.

##### Bolts

- Electro Coated Powercron 590-534, high strength low alloy oval neck track head bolt per ASTM A242 and nuts (per ASTM A563) or equal.
- Stainless Steel Type 304
- Stainless Steel Type 316

**Other Options:** JCM 438 All (304) Stainless Steel Threaded Outlet Tapping Sleeve  
JCM 6438 All 316 Stainless Steel Threaded Outlet Tapping Sleeve

