

JCM INDUSTRIES

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

Phone 800-527-8482 or 903-832-2581

Fax 800-874-9524 or 903-838-6260

www.jcmindustries.com

Typical Specification

JCM 418 Fabricated Threaded Outlet Tapping Sleeve

Service fittings shall be the high strength type fabricated of a minimum of ASTM 283 Grade C Steel, 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 recessed in a machined groove around the threaded outlet. Service fitting shall be furnished with a corrosion resistant shop coat paint primer with high strength, low alloy corrosion resistant bolts and nuts A242/ANSI 21.11/AWWA C111. Optional Fusion applied epoxy coating (AWWA C213) and stainless steel bolts and nuts available. Service fittings shall be JCM 418 Threaded Outlet Tapping Sleeve or approved equal.

*Higher test and working pressure ratings available upon request, contact JCM Industries.

JCM 400 Series Tapping Sleeves are ANSI/NSF Standard 61 and Standard 61 Annex G 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 283 Grade C, ASTM 285 Grade C, ASTM A-36 Steel 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: Corrosion resistant, high strength low alloy oval neck track head bolts per A242/ANSI A21.11/AWWA C111 and heavy hex nuts per A563 or equal. Optional stainless steel hardware available.

Finish: Heavy coat of corrosion resistant shop coat primer. Optional fusion epoxy coating available.

Service

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

