

JCM INDUSTRIES

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

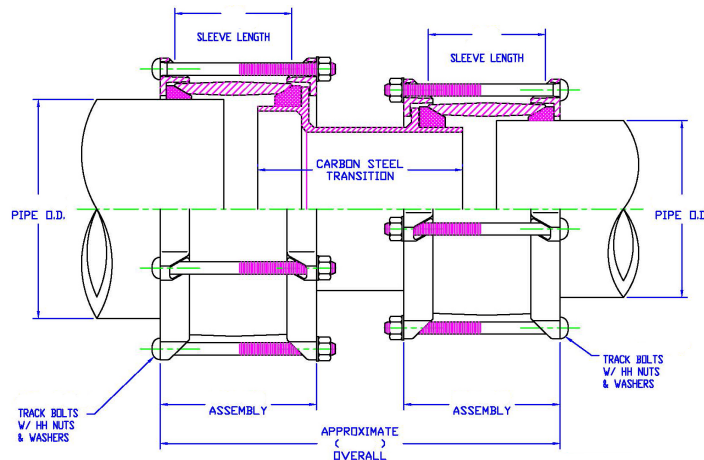
Phone 800-527-8482 or 903-832-2581

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

www.jcmindustries.com

Typical Specification

Reducing Couplings shall be constructed of 2 bolted couplings to accommodate pipe diameters/industry tolerances to be joined with a custom fabricated carbon steel transition spool piece used between the two couplings to reduce between the two pipe sizes.



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 213 FABRICATED REDUCING COUPLING

Ductile Iron Coupling Components

Sleeve & Flanges: Ductile Iron Per ASTM A536

Gaskets: Styrene-Butadiene Rubber (SBR) has good physical properties. Compounded for use with water, salt solutions, mild acids and bases; has excellent abrasion resistance. Per ASTM D-2000. Standard temperature range from -40° to 150°F (-40° to 65°C) constant, maximum intermittent 180°F (82°C). For applications on high temperatures or chemical pipelines, contact JCM Industries Technical Services. The material is not recommended for use on oil, ozone or weather resistant applications.

Steel Coupling Components

Sizes 2" - 12" Middle Ring: Steel per ASTM A36

Followers: Ductile Iron ASTM A536

Sizes 14" and Larger: Middle Ring: Steel per ASTM A36

Followers: Steel per ASTM A36

Gaskets: Nitrile Butadiene Rubber (NBR, Buna-N) per ASTM D2000. Molded virgin rubber. Gasket temperature range -40°F to 212°F (-40°C - 100°C) Recommended for water, salt solutions, mild acids, bases, sewage and natural gas. Available Options: EPDM

Balance of Components

Spool: Carbon steel pipe or tubing

Bolts: 5/8" Corrosion resistant, high strength low alloy oval neck track head bolts per ASTM A242/ANSI 21.11/AWWA C111 and heavy hex nuts per A563 or equal. Optional Hardware: Stainless Steel 18-8 Type 304 or 316, or Epoxy Coated Alloy Hardware, Powercron 590-534 black cationic electrocoat.

Coating: Corrosion resistant shop coat paint primer. Optional fusion applied epoxy coating per ANSI/AWWA C-213. Other coatings available upon request.

Working Pressure: Fittings are rated for 150 PSI working pressure when installed per manufacturer's instructions. Inspection of pipe integrity is the responsibility of the end user. For higher working pressure applications, contact JCM Industries.

JCM 200 Series Steel Couplings are ANSI/NSF Standard 61, Annex G and ANSI/NSF 372 Certified.

JCM 200 Series Bolted Couplings meet or exceed the ANSI/AWWA C219 Standard as applicable.