

# JCM INDUSTRIES

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

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

## Typical Specification

### JCM 204 Steel Reducing Couplings

Couplings shall consist of one steel middle ring, length and thickness to be specified, two follower flanges, two compounded wedged gaskets and a proper amount of bolts to correctly compress the gaskets into the coupling for the application. Coupling shall provide appropriate reduction capability between two pipe sizes.

Each coupling shall be assembled on the job in a manner to assure a permanent joint under reasonable conditions, shifting and settlement, unavoidable variations in trench gradient and any other unforeseen changes in environment.

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 C-219 Standard as applicable..

Note: Applications in which pipe may move out of the coupling, correct anchorage of the pipe must be provided. In applications for HDPE Pipe, the use of pipe stiffeners is recommended. For additional JCM HDPE product information, see the JCM Fittings and Fabrications for High Density Polyethylene Pipe General Application Information.



JCM 204 Steel Reducing Coupling

*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 204 Steel Reducing Couplings

#### Sizes 1/2" through 1-1/2"

MIDDLE RING: Steel per ASTM A-36

FOLLOWERS: Ductile Iron ASTM A536

BOLTS: Minimum 1/2" ASTM A242 high strength, low alloy epoxy coated, Powercron 590-534 black cationic electrocoat.

#### Sizes 2" - 12"

MIDDLE RING: Steel per ASTM A-36

FOLLOWERS: Ductile Iron ASTM A536

#### Sizes 14" and Larger

MIDDLE RING: Steel per ASTM A-36

FOLLOWERS: Steel per ASTM A-36

**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

**Bolts & Nuts:** Nominal sizes 2" and larger: minimum 5/8" bolts ASTM A242/ANSI 21.11/AWWA C-111 corrosion resistant, high strength low alloy; heavy hex nuts A563 per ANSI/AWWA C-219. Available Options: epoxy coated, Powercron 590-534; Stainless Steel 18-8

**Finish:** Heavy coat of corrosion resistant shop coat primer. Optional fusion applied epoxy per ANSI/AWWA C-213.

**Working Pressure:** Rated for 250 PSI working pressure when installed per manufacturer's instructions. Please contact JCM concerning pressure rating on specific sizes.

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Information based on data available at the date printed below and subject to change without notice.



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