

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

## Typical Specification

### JCM 241 - 242 Optimum Range Ductile Iron Coupling

Couplings for pipe sizes 3" - 16" shall be of ductile iron construction. Couplings shall be of the optimum range type to fit Steel, Cast Iron, Ductile Iron, PVC, HDPE, Asbestos Cement and other common types of pipe within a nominal size without modification. Coupling sleeve shall be minimum 6" in length for standard coupling and 10" for long coupling with bolt quantities as follows:

Nominal Pipe Size (IN)	Number of Bolts
3	3
4	4
6	5
8	6
10	8
12	8
14	10
16	11

Ductile Iron Couplings shall be JCM 241, 242 or approved equal.

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

JCM 200 Series Couplings meet or exceed the ANSI/AWWA C-219 Standard as applicable.

**Note:** For applications with High Density Polyethylene Pipe, refer to the JCM HDPE Fittings Manual or contact JCM Industries.



JCM 241  
Optimum  
Coupling  
Epoxy  
Coated



JCM 242  
Optimum  
Coupling  
Epoxy  
Coated



Effective 01.30.19

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## Material Specification

### JCM 200 Series Ductile Iron Couplings – 241 - 242

**Sleeve & Flanges:** Ductile Iron Per ASTM A536 65-45-12

**Gaskets:** Nitrile Butadiene Rubber (NBR, Buna-N) per ASTM D2000. Gasket temperature range -40°F to 212°F (-40°C - 100°C) Gasket suitable for water, salt solutions, mild acids, bases, and sewage.

**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  
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 250 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.

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