

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 172 Removeable Lug Multi-Band Clamps (sizes 4" through 8")

All full circumferential multi-band repair clamps 4" – 8" shall have a minimum material standard of certifiable prime 304 Stainless Steel band; heavy duty, low profile Ductile Iron Lugs per ASTM A536 with mutually supporting sliding fingers; open ear lug shall be removable from the band to facilitate sliding band under pipe or installing in confined spaces; 5/8" corrosion resistant alloy bolts, per ASTM A242 / ANSI 21.11/ AWWA C-111, and a 1/4" thick Styrene-Butadiene Rubber (SBR) gridded gasket with tapered lap joint ends and a 304 stainless steel bridge plate molded flush into the gasket. Gaskets shall be 1/4" thick. Clamp shall be similar to JCM 172 Removeable Lug Extended Universal Clamp Coupling or approved equal. Optional features available; see material specification.

JCM 172 Multi-Band Clamps (sizes 10" and larger)

All full circumferential multi-band repair clamps 10" and larger shall have a minimum material of 17 gauge certifiable prime 304 Stainless Steel band; heavy duty Ductile Iron Lugs per ASTM A536 with mutually supporting sliding fingers; open ear lug shall be removable from the band to facilitate sliding band under pipe or installing in confined spaces; 3/4" corrosion resistant alloy bolts, per ASTM A242 / ANSI 21.11 / AWWA C-111, and a 1/4" thick Styrene-Butadiene Rubber (SBR) gridded gasket with tapered stainless steel bridge plate molded flush into the gasket. Clamp shall be similar to JCM 172 Removeable Extended Range Universal Clamp Coupling or approved equal. Optional features available; see material specification.

JCM 100 Series Universal Clamp Couplings are ANSI/NSF Standard 61 and Standard 61 Annex G Certified.

JCM 100 Series Universal Clamp Couplings meet or exceed ANSI/AWWA C230 Standard for Stainless –Steel Full-Encirclement Repair and Service Connection Clamps as applicable.



JCM 172 Multi Band Universal Clamp Coupling
Image reflects 12" width

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 Universal Clamp Couplings – Models 101, 102, 171, 172

- Band:** 18-8 Type 304 Certifiable Prime Stainless Steel
- Lugs:** Ductile Iron ASTM A-536, 60-40-18
- Bolts:** Corrosion resistant low alloy per ASTM A242, ANSI A21.11, AWWA C-111. National coarse rolled thread and heavy hex nut. Optional Stainless Steel 18-8 Type 304 or 316 available. Optional Epoxy Coated low alloy bolts/nuts available.
- Gaskets:** Virgin Styrene-Butadiene Rubber (SBR) - Compounded for use with water, salt solutions, mild acids and bases. Per ASTM D-2000 M4AA 607. 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.
- Coating:** Corrosion resistant shop coat paint primer.

JCM Tapped Universal Clamp Couplings – Models 103, 104, 173, 174

Threaded

Outlet: 18-8 Type 304 Stainless Steel

JCM 100 Series Clamps are ANSI/NSF Standard 61 and Standard 61 Annex G Certified.

For ranges and widths, see JCM Industries General Product Directory Catalog.

Information based on data available at the date printed below and subject to change without notice. Contact JCM Industries for amendments or changes.



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JCM 172 Removeable Lug Extended Range Double Band Universal Clamp Coupling Design Specifications Sizes 4" – 20"

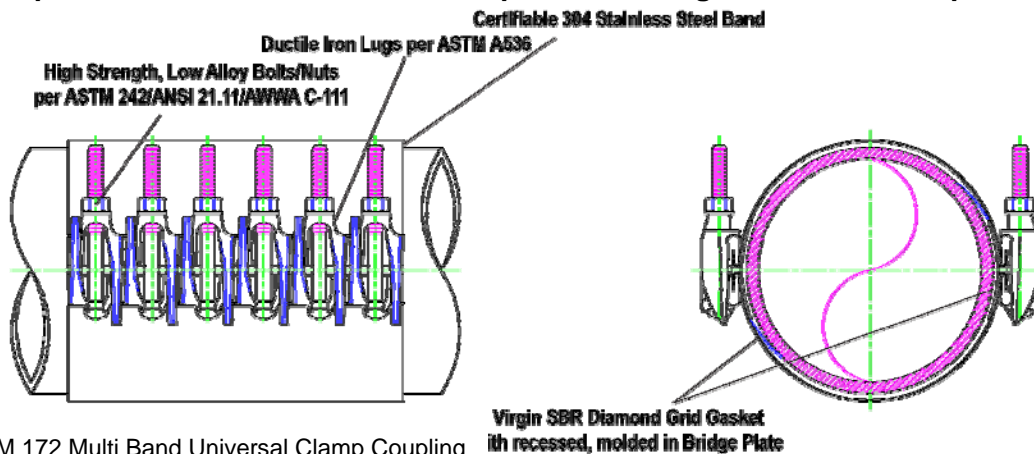
| Clamp Width (Inches) | Number of Bolts |
|----------------------|-----------------|
| 6 | 4 |
| 7 | 4 |
| 12 | 8 |
| 15 | 8 |
| 18 | 12 |
| 24 | 16 |
| 30 | 20 |

| Clamp Size (Inches) | Stainless Band Gauge |
|---------------------|----------------------|
| 4 - 8 | 20 |
| 10 and larger | 17 |

| Clamp Size (Inches) | Gasket Thickness |
|---------------------|------------------|
| 4 and larger | 1/4" |

| Clamp Size (Inches) | Bolt Size |
|---------------------|-----------|
| 4 – 8 | 5/8" |
| 10 and larger | 3/4" |

Design specifications for Multi-Band Clamps 24" and larger are available upon request.



JCM 172 Multi Band Universal Clamp Coupling
 Image reflects 18" width

