

# 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 131 All Stainless Universal Clamp Couplings (sizes 1-1/2" – 8")

All full circumferential single band repair clamps 1-1/2" and larger shall have a minimum material standard of certifiable prime 304 stainless steel band; low profile CF-8 Cast Stainless Steel lugs (equivalent to 304 stainless steel) with mutually supporting sliding fingers; minimum 5/8" 304 stainless steel, oval neck track head, replaceable bolts and nuts, and a Styrene-Butadiene Rubber (SBR) gridded gasket with tapered lap joint ends and a 304 stainless steel bridge plate molded flush into the gasket. Gaskets in sizes 3" and larger shall be 1/4" thick. Clamps shall be JCM 131 All Stainless Steel Universal Clamp Coupling or approved equal.

### JCM 131 All Stainless Universal Clamp Couplings (sizes 10" and larger)

All full circumferential single band repair clamps 10" and larger shall have a minimum material standard of 17 gauge certifiable prime 304 stainless steel band; heavy duty, low profile CF-8 Cast Stainless Steel lugs (equivalent to 304 stainless steel) with mutually supporting sliding fingers; minimum 3/4" 304 stainless steel, oval neck track head, replaceable bolts and nuts, and a Styrene-Butadiene Rubber (SBR) gridded gasket with tapered lap joint ends and a 304 stainless steel bridge plate molded flush into the gasket. To provide extra tightening capability, the band shall be permanently attached to the lugs. The attachment shall withstand a minimum of 100 ft. lbs. of torque per bolt. Clamp shall be similar to JCM 131 All Stainless Steel Universal Clamp Coupling or approved equal.

JCM 100 Series Universal Clamp Couplings are ANSI/NSF Standard 61, Annex G and ANSI/NSF Standard 372 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 131 All Stainless Clamp Coupling  
Image reflects 7" 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 131 All Stainless Steel Universal Clamp Couplings

**Band:** 18-8 Type 304 Stainless Steel  
Optional 18-8 Type 316 Stainless Steel available

**Lugs:** CF-8 Cast Stainless Steel (equivalent to 304 Stainless Steel)  
Optional CF-8M Cast Stainless equal to 316 Stainless Steel available

**Bolts:** 18-8 Type 304 Stainless Steel  
Optional 18-8 Type 316 Stainless Steel available

**Gasket:** Virgin Styrene-Butadiene Rubber (SBR) - Compounded for use with water, salt solutions, mild acids and bases. 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.

### Tapped Outlet

**(Model 133):** 18-8 Type 304 Stainless Steel

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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 131 All Stainless Steel Universal Clamp Coupling Design Specifications

Clamp Width (Inches)	Number of Bolts
6	2
7	2
12	4
15	4
18	6
24	8
30	10

Clamp Size (Inches)	Stainless Band Gauge
1-1/2 – 4.50	24
4.80 – 9.40	20
10 – 12	17 minimum

Clamp Size (Inches)	Gasket Thickness
1-1/2 – 2	3/16"
3 and larger	1/4"

Clamp Size (Inches)	Bolt Size
1-1/2 – 8	5/8"
10 – 12	3/4"

