JCM
INDUSTRIES

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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 Clamps are ANSI/NSF Standard 61 and ANSI/NSF Standard 61 Annex G, ANSI/NSF 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.

Effective 11.16.11

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

JCM 100 Series Clamps are ANSI/NSF Standard 61 and ANSI/NSF Standard 61 Annex G, ANSI/NSF 372 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 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

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"

Effective 11.16.11