

JCM 161 Fabricated Lug All Stainless Steel Clamps

The new JCM 161 Fabricated Lug All Stainless Steel Clamp offers an economical solution to problems such as breaks, splits, cracks, holes in all types of pipe. Available in standard sizes for cast iron, ductile iron, IPS PVC, C-900/905 PVC, steel, asbestos cement, polyethylene. The 161 is a stainless steel clamp that offers all the benefits of stainless: corrosion resistance, lightweight, flexible yet

strong. The JCM 161 is especially recommended for hot soil conditions and corrosive environments.

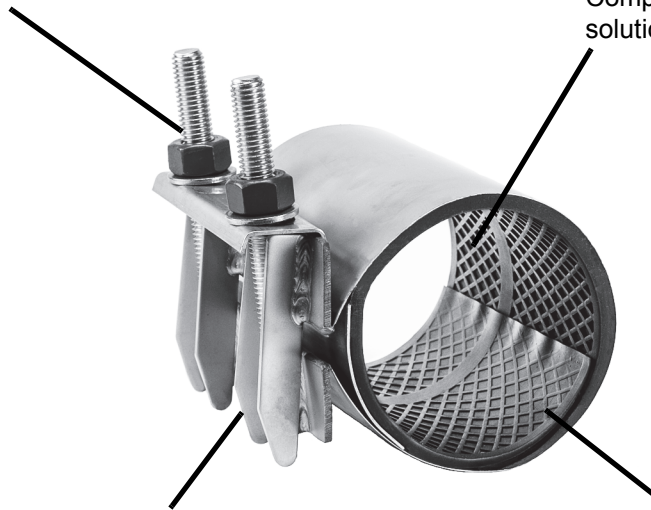
The full circumferential gasket provides a complete repair while the molded in stainless steel bridge plate provides the full stainless steel barrier to aggressive elements.

MATERIAL SPECIFICATIONS - JCM 161, 162, 163, 168 FABRICATED LUG ALL STAINLESS STEEL CLAMP COUPLINGS

Bolting Assembly:	18-8 Type 304 Stainless Steel
Band:	18-8 Type 304 Stainless Steel
Bolts And Nuts:	18-8 Type 304 Stainless Steel
Gasket:	Virgin Styrene-Butadiene Rubber (SBR) - Compounded for use with water, salt solutions, mild acids and bases. Per ASTM D-2000 M4AA 607. 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. Meets ANSI/AWWA C230 Stainless-Steel Full-Encirclement Repair and Service Connection Clamps.

Strong Stainless Steel Studs - permanently attached to eliminate loose parts and nuts are treated to speed installation and prevent seizing.

Thick Gridded Gasket - long tapered ends and recessed bridge plate assure even gasket pressure throughout range - without wrinkling or crimping. Compounded for use with water, salt solutions, mild acids and bases.



Positive Attachment of Band to Lugs - strong TIG welds eliminate mechanical weaknesses and prevents band separation. Thick stainless lifter bar plate prevents distortion or warping during tightening.

Image Reflects 7" Clamp Width

Type 304 Stainless Steel Band - conforms to pipe irregularities, maintaining sealing pressure over the entire gasket.



JCM 161 Fabricated Lug Stainless Steel Universal Clamps

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Image Reflects 7" Clamp Width

Nom. Pipe Size (IN.)	Clamp O.D. Range (IN.)	161 Stainless Steel Universal Clamp Clamp Number	Clamp Width - Approximate Weight					
			7"	12"	15"	18"	24"	30"
			Lbs.#	Lbs.#	Lbs.#	Lbs.#	Lbs.#	Lbs.#
2 - 2-1/2	2.35 - 2.63 2.70 - 3.13	0238 0275	•	•	•	-	-	-
			5#	8#	10#			
3	3.46 - 3.70 3.73 - 4.13	0350 0400	•	•	•	-	-	-
			6#	9#	11#			
4	4.45 - 4.75 4.74 - 5.14 4.95 - 5.35 5.22 - 5.62	0450 0480 0500 0525	•	•	•	•	•	•
			7#	10#	12#	17#	20#	24#
6	5.95 - 6.35 6.56 - 6.96 6.85 - 7.25 7.05 - 7.45 7.45 - 7.85	0600 0663 0690 0710 0745	•	•	•	•	•	•
			9#	13#	17#	20#	26#	34#
8	7.95 - 8.35 8.54 - 8.94 8.99 - 9.39 9.27 - 9.67 9.90 - 10.30	0800 0863 0905 0940 1000	•	•	•	•	•	•
			11#	16#	21#	25#	32#	44#
10	10.60 - 11.00 11.04 - 11.44 11.34 - 11.74 11.75 - 12.15 12.00 - 12.40	1075 1110 1140 1175 1200	•	•	•	•	•	•
			15#	18#	24#	30#	36#	50#
12	12.60 - 13.02 13.10 - 13.50 13.40 - 13.80 13.70 - 14.10 14.00 - 14.40	1275 1320 1340 1370 1400	•	•	•	•	•	•
			17#	20#	27#	34#	40#	56#
Number of Bolts			2	3	4	4	6	8

HOW TO ORDER

- Determine O.D. of pipe.
 - Select proper clamp O.D. range and band width.
 - Determine Model Number.
 - Specify clamp number.
Example: To fit Cast Iron pipe, 6.90 O.D. with 6" width, order: 161-0690-6
- Clamp width should be equal to or greater than the pipe diameter for higher working pressures.
 - Not recommended for use for joining plain end pressure pipe.
 - Other ranges and widths available upon request.
 - Clamps do not prevent lateral movement of pipe. Applications in which the pipe may move out of the clamp, proper anchorage of the pipe must be provided.

Available Options Upon Request

Models 161-162

- Pipe sizes and ranges not listed
- Conductive Buttons
- Specialty Gaskets
- Tapped clamps, see page 18
- Other Sizes and Ranges

