



Pipe Fittings & Fabrications for Industrial Service

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JCM All Stainless Steel Universal Clamp Couplings for Industrial Service

JCM 131 All Stainless Steel Universal Clamp Couplings JCM 133 All Stainless Steel Tapped Universal Clamp Couplings

For immediate repair, temporary or permanent, of breaks, cracks, splits, corroded areas and similar types of pipeline damage in acidic, hot or aggressive environments. The full circumferential gasket provides a fluid tight seal on the full circumference of the pipe preventing leakage or infiltration. The stainless steel band conforms to the contour of the pipe and provides gasket compression to flat and uneven pipe exteriors. JCM All Stainless Steel Universal Clamp Couplings are available for emergency shipment in a variety of options and sizes for specific applications. Custom sizes and ranges are available for immediate delivery. JCM All Stainless Steel Universal Clamp Couplings working pressure capabilities are directly related to the parameters of the application; for specific product recommendation and submittal, contact JCM Engineered and Technical Sales Team.



Heavy Duty Bolting Lug Unit - Cast Stainless Steel (CF8 equal to 304 or CF8M equal to 316) lugs provide strength and weight to withstand high bolt torques for greatest gasket compression. Specially balanced, low profile lug design ensures engagement of the clamp with efficient transfer of bolt torque energy from the lug to the gasket. Mutually supporting sliding fingers aid bolt alignment and prevents distortion during tightening. Stainless steel oval neck track bolts catch securely in the canted ears and inhibit turning or rotation during tightening.

Heavy Gauge Stainless Steel Band - Maximum thickness of stainless steel band provides full gasket compression on the circumference of the pipe.

Positive Attachment of Band to Lug - Secure attachment of the heavy stainless steel band to the lug unit is accomplished with GTAW (TIG) weld process for the full length of the clamp. Welds are fully passivated to return the stainless to its neutral state. This prevents band/lug separate during or after installation. **Drop-in, Swing Away Bolts** - Eases installation with the bolt nut and washer intact with no loose parts. Independent bolts enables simple replacement should damage occur.

Thick, Gridded Gasket - 1/4" thick gasket (sizes 3" and larger) conforms to the pipe wall and fills surface pits and voids to assist sealing on irregular pipe surfaces. **Molded In Stainless Steel Bridge Plate** - blocks pinched gasket problems associated with glued-on plates, provides an even surface for ease of installation and full stainless steel encirclement protection.



JCM All Stainless Steel Universal Clamp Couplings are available in all 304 or all 316 stainless steel.

JCM All Stainless Steel Universal Clamp Couplings are suitable for: chemical and acid lines, air/vacuum lines, natural gas (see JCM 151 Gas Repair Clamps & JCM 153 Gas Service Clamps - USDOT 192), cooling water, methane, potable and wastewater, slurry, process and other line contents. Gasket materials readily available include: SBR, Buna-N, EPDM, Hypalon and others upon request. Provide content information to JCM representatives for application recommendation. Advise JCM representatives of any possible line solids or abrasives within the line content.

Suitable for these types of damage:



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For submittal, provide the following information:

- Type of pipe
- Size/Outside Diameter of Pipe
- Type and Size of Damage
- Line Content and Temperature
- Working and Test Pressure Requirements
- Environmental concerns, spacial or limited access information

Specify Repair And Service Clamp Order Number:

Model - Clamp Number - Width

For Model 131 Clamp for 6" (150mm) C-900 PVC - 6.90 O.D., 12" wide,
 Specify: 131-0690-12
 For JCM 133 Tapped Clamp, indicate type and size of outlet

Typical Application:
 Repair
 Temporary/Permanent

Breaks, Cracks
Splits, Holes
Corroded Areas, Pin Holes
Connection of Plain End Pipe

For application parameters, contact
JCM Engineered & Technical Sales
800-527-8482 or 903-832-2581

NOMINAL PIPE SIZE		PIPE O.D. RANGE		CLAMP NUMBER	Clamp Width - Approximate Weight						
					6"	7"	12"	15"	18"	24"	30"
IN	MM	IN	MM		Lbs.#	Lbs.#	Lbs.#	Lbs.#	Lbs.#	Lbs.#	Lbs.#
1-1/2	40	1.88 - 2.15	48 - 54	0190	•		•				
					7#		14#				
2 - 2-1/2	50 65	2.35 - 2.63 2.70 - 3.13	60 - 67 68 - 79	0238 0275	•	•	•	•			
					8#	9#	15#	19#			
3	80	3.46 - 3.70 3.73 - 4.13	88 - 93 94 - 105	0350 0400	•	•	•	•			
					8#	10#	16#	20#			
4	100	4.45 - 4.75 4.74 - 5.14 4.95 - 5.35	113 - 120 120 - 130 125 - 135	0450 0480 0500	•	•	•	•	•	•	•
					9#	11#	18#	22#	27#	36#	44#
6	150	5.95 - 6.35 6.56 - 6.96 6.85 - 7.25	151 - 161 166 - 176 174 - 184	0600 0663 0690	•	•	•	•	•	•	•
					10#	12#	19#	24#	29#	38#	48#
8	200	7.95 - 8.35 8.54 - 8.94 8.99 - 9.39 9.90 - 10.30	201 - 212 216 - 227 228 - 238 251 - 261	0800 0863 0905 1000	•	•	•	•	•	•	•
					11#	13#	21#	27#	32#	42#	53#
10	250	10.60 - 11.00 11.04 - 11.44 12.00 - 12.40	269 - 279 280 - 290 304 - 315	1075 1110 1200		•	•	•	•	•	•
						19#	36#	39#	52#	70#	78#
12	300	12.60 - 13.02 13.10 - 13.50 14.00 - 14.40	320 - 330 332 - 342 355 - 365	1275 1320 1400		•	•	•	•	•	•
						20#	37#	40#	52#	74#	82#
Number of Bolts					2	2	4	4	6	8	10

*Single Band Clamps provide approximately .40 working range. Other sizes and ranges available upon request.
 Conversion of U.S./Metric dimensions are approximate; application pipe diameter and range to be verified by the end user. Clamps do not prevent lateral movement of pipe. For applications in which the pipe may move out of the clamp, proper anchorage of the pipe must be provided. Gas clamp series 120 and 150 not for repair of Polyethylene Gas Pipe. Suitable for reshaping and marking squeeze off locations.