



Full Circle[®] Repair Clamp

Single Band, Low Pressure

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Description:

These clamps provide fast, economical means for repairing full circumferential breaks, holes, cracks and other types of damage.

Application:

Works on Cast and Ductile Iron, Steel, Asbestos Cement, Copper, Aluminum, PVC, Fiberglass and other pipe types where pressure does not exceed 50 PSI.

Key Features:

- Stainless Steel bands
- Working pressure up to 50 PSI
- Nominal temperature range -20°F to 180°F
- Removable lugs to allow installation in tight spaces
- May be used to join plain end pipe of the same diameter
- 360° gasket seal

Materials Specifications (subject to change):

BAND: Stainless Steel Type 304

LUGS: Ductile Iron ASTM A536, 80-55-06

GASKET: Nitrile (Buna N) compounded to produce superior storage and performance characteristics, while resisting water, acids, alkalis, most (aliphatic) hydrocarbon and many other chemicals

Temperature Range: -20°F to 180°F. Consult manufacturer for specific applications and other service temperatures

BRIDGE PLATE: 304 Stainless Steel recessed flush and bonded into gasket

BOLTS: High strength, low alloy Steel with heavy, semi-finished hexagon nuts per ANSI B.18.2.2

Optional 304 Stainless bolts with fluoropolymer coated nuts to reduce galling

FINISH: Flexi-Coat[®] Fusion Bonded Epoxy

Pipe Applications: Cast and Ductile Iron, Steel, Asbestos Cement, Copper, Aluminum, PVC, Fiberglass and other pipe types where pressure does not exceed 50 PSI

Sizes (in inches): 2, 2 ¼-2 ½, 3, 3-4, 4, 4-5, 6, 8, 8-10, 10, 10-12, 12, 12-14



THIS PRODUCT DOES NOT RESTRAIN PIPE MOVEMENT. Proper anchoring is required to prevent pipe pullout. Failure to anchor or improper anchoring can result in dangerous pipe content escape, property damage, serious injury, or death. Read the product installation instructions prior to installing this product.





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STANDARD				WITH LOW ALLOY BOLTS & NUTS	WITH STAINLESS STEEL BOLTS & NUTS	METRIC			
NOMINAL SIZE INCHES	OD RANGE INCHES	WIDTH INCHES	WT. EACH LBS	CATALOG NUMBER	CATALOG NUMBER	NOMINAL SIZE MM	OD RANGE MM	WIDTH MM	WT EACH KG
2	2.35-2.63	5	6	221-00023805-000	221-00023805-001	50	60-67	127	2.7
2 1/4-2 1/2	2.70-3.00	5	6	221-00027505-000	221-00027505-001	65	69-76	127	2.7
3	2.97-3.25	5	6	221-00030005-000	221-00030005-001	65-80	75-83	127	2.8
	3.46-3.70	5	6	221-00035005-000	221-00035005-001		88-94	127	2.8
3-4	3.73-4.00	5	6	221-00037505-000	221-00037505-001	80-100	95-102	127	2.9
	3.96-4.25	5	6	221-00040005-000	221-00040005-001		101-108	127	2.9
4	4.45-4.73	5	7	221-00045005-000	221-00045005-001	100	113-120	127	3.0
	4.74-5.14	5	7	221-00048005-000	221-00048005-001		120-131	127	3.3
4-5	4.95-5.35	5	7	221-00050005-000	221-00050005-001	125	126-136	127	3.3
	5.22-5.62	5	7	221-00052505-000	221-00052505-001		133-143	127	3.4
6	5.95-6.35	5	8	221-00060005-000	221-00060005-001	125-150	151-161	127	3.4
	6.56-6.96	5	8	221-00066305-000	221-00066305-001		167-177	127	3.5
	6.84-7.24	5	8	221-00069005-000	221-00069005-001		174-184	127	3.5
	7.05-7.45	5	8	221-00071005-000	221-00071005-001		179-189	127	3.6
	7.45-7.85	5	8	221-00074505-000	221-00074505-001		189-199	127	3.6
8	7.95-8.35	5	8	221-00080005-000	221-00080005-001	200	202-212	127	3.6
	8.54-8.94	5	9	221-00086305-000	221-00086305-001		217-227	127	3.9
	8.99-9.39	5	9	221-00090505-000	221-00090505-001		226-239	127	3.9
	9.27-9.67	5	9	221-00094005-000	221-00094005-001		235-246	127	3.9
8-10	9.70-10.10	5	9	221-00100005-000	221-00100005-001	225	246-257	127	3.9
	10.10-10.50	5	9	221-00102005-000	221-00102005-001		247-267	127	4.3
10	10.64-11.04	5	10	221-00107505-000	221-00107505-001	250	270-280	127	4.3
	11.04-11.44	5	10	221-00111005-000	221-00111005-001		280-291	127	4.4
	11.34-11.74	5	10	221-00114005-000	221-00114005-001		288-298	127	4.4
	11.75-12.15	5	10	221-00117505-000	221-00117505-001		298-309	127	4.4
10-12	12.00-12.40	5	10	221-00120005-000	221-00120005-001	250-315	305-315	127	4.5
12	12.62-13.02	5	10	221-00127505-000	221-00127505-001	300	321-331	127	4.6
	13.10-13.50	5	10	221-00132005-000	221-00132005-001		333-343	127	4.7
	13.40-13.80	5	10	221-00134005-000	221-00134005-001		340-351	127	4.7
12-14	13.70-14.10	5	11	221-00137005-000	221-00137005-001	300-350	348-358	127	5.1
	14.00-14.40	5	11	221-00140005-000	221-00140005-001		356-366	127	5.3

NOTE: Other sizes available upon request.

