



Full Circle® Repair Clamp

Double Band

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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, HDPE, Fiberglass and other pipe types.

Key Features:

- Working pressure up to 175 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
- Standard widths through 30" (221 standard is 5")
- 360° gasket seal
- Flexi-Coat® Epoxy Finish for corrosion resistance
- Range up to .80" in double band
- Drop-in bolts for easier installation

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

NOTE: Also available in metric sizes. HDPE applications will require clamps with spring washers

Pipe Applications: Cast Iron, Ductile Iron, Steel, Asbestos Cement, Copper, Aluminum, PVC, HDPE, Fiberglass and other pipe types

Sizes (in inches): 3, 4, 6, 8, 10, 12. Other sizes available upon request.

Bolt Numbers:

BAND WIDTH INCHES	NUMBER OF BOLTS	BOLT SIZES
7.5	6	Drop-In lug 5/8"x6" or 16mmx152mm
10	8	
12.5	10	
15	12	Closed lug 5/8"x6 7/8" or 16mmx175mm
20	16	
30	24	



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				W/LOW ALLOY BOLTS & NUTS	W/STAINLESS STEEL BOLTS & NUTS	METRIC			
NOMINAL SIZE INCHES	O.D. RANGE INCHES	WIDTH INCHES	WT. EACH LBS.	CATALOG NUMBER	CATALOG NUMBER	NOMINAL SIZE MM	O.D. RANGE MM	WIDTH MM	WT. EACH KG
3	3.49-4.29	7.5	18	227-00035007-000	227-00035007-001	80-100	89-108	190	8.2
		10	24	227-00035010-000	227-00035010-001		89-108	254	11.0
		12.5	30	227-00035012-000	227-00035012-001		89-108	317	13.8
		15	36	227-00035015-000	227-00035015-001		89-108	381	16.5
		20	48	227-00035020-000	227-00035020-001		89-108	508	22.0
		30	72	227-00035030-000	227-00035030-001		89-108	762	33.0
4	4.44-5.24	7.5	19	227-00045007-000	227-00045007-001	100	113-133	190	8.6
		10	25	227-00045010-000	227-00045010-001		113-133	254	11.6
		12.5	31	227-00045012-000	227-00045012-001		113-133	317	14.4
		15	37	227-00045015-000	227-00045015-001		113-133	381	16.8
		20	49	227-00045020-000	227-00045020-001		113-133	508	22.6
		30	74	227-00045030-000	227-00045030-001		113-133	762	33.9
4	4.74-5.57	7.5	19	227-00048007-000	227-00048007-001	100-125	121-141	190	8.6
		10	25	227-00048010-000	227-00048010-001		121-141	254	11.5
		12.5	31	227-00048012-000	227-00048012-001		121-141	317	14.3
		15	37	227-00048015-000	227-00048015-001		121-141	381	17.0
		20	50	227-00048020-000	227-00048020-001		121-141	508	23.0
		30	75	227-00048030-000	227-00048030-001		121-141	762	34.4
6	6.62-7.42	7.5	20	227-00066307-000	227-00066307-001	150	169-188	190	9.2
		10	27	227-00066310-000	227-00066310-001		169-188	254	12.4
		12.5	33	227-00066312-000	227-00066312-001		169-188	317	15.3
		15	39	227-00066315-000	227-00066315-001		169-188	381	18.0
		20	53	227-00066320-000	227-00066320-001		169-188	508	24.3
		30	78	227-00066330-000	227-00066330-001		169-188	762	35.9
6	6.84-7.64	7.5	20	227-00069007-000	227-00069007-001	150	174-194	190	9.2
		10	27	227-00069010-000	227-00069010-001		174-194	254	12.4
		12.5	33	227-00069012-000	227-00069012-001		174-194	317	15.3
		15	39	227-00069015-000	227-00069015-001		174-194	381	18.0
		20	53	227-00069020-000	227-00069020-001		174-194	508	24.4
		30	79	227-00069030-000	227-00069030-001		174-194	762	36.1
8	8.62-9.42	7.5	22	227-00086307-000	227-00086307-001	200	219-239	190	10.0
		10	29	227-00086310-000	227-00086310-001		219-239	254	13.5
		12.5	35	227-00086312-000	227-00086312-001		219-239	317	16.4
		15	42	227-00086315-000	227-00086315-001		219-239	381	19.5
		20	56	227-00086320-000	227-00086320-001		219-239	508	25.9
		30	84	227-00086330-000	227-00086330-001		219-239	762	38.9

NOTE: Other sizes available upon request.

STANDARD				W/LOW ALLOY BOLTS & NUTS	W/STAINLESS STEEL BOLTS & NUTS	METRIC			
NOMINAL SIZE INCHES	O.D. RANGE INCHES	WIDTH INCHES	WT. EACH LBS.	CATALOG NUMBER	CATALOG NUMBER	NOMINAL SIZE MM	O.D. RANGE MM	WIDTH MM	WT. EACH KG
8	8.99-9.79	7.5	21	227-00090507-000	227-00090507-001	200	229-248	190	10.1
		10	29	227-00090510-000	227-00090510-001		229-248	254	13.7
		12.5	36	227-00090512-000	227-00090512-001		229-248	317	16.8
		15	42	227-00090515-000	227-00090515-001		229-248	381	19.6
		20	59	227-00090520-000	227-00090520-001		229-248	508	27.1
		30	86	227-00090530-000	227-00090530-001		229-248	762	39.6
10	10.75-11.55	10	31	227-00107510-000	227-00107510-001	250	273-293	254	14.4
		15	47	227-00107515-000	227-00107515-001		273-293	381	21.8
		20	63	227-00107520-000	227-00107520-001		273-293	508	29.1
		30	94	227-00107530-000	227-00107530-001		273-293	762	43.6
10	11.10-11.90	10	33	227-00111010-000	227-00111010-001	250	282-302	254	15.4
		15	47	227-00111015-000	227-00111015-001		282-302	381	21.9
		20	65	227-00111020-000	227-00111020-001		282-302	508	29.9
		30	97	227-00111030-000	227-00111030-001		282-302	762	44.9
10	11.04-12.24	10	33	227-00111010-050	227-00111010-051	250-300	280-311	254	15.4
		15	47	227-00111015-050	227-00111015-051		280-311	381	21.9
		20	65	227-00111020-050	227-00111020-051		280-311	508	30.0
		30	97	227-00111030-050	227-00111030-051		280-311	762	45.0
10	11.60-12.40	10	33	227-00116010-000	227-00116010-001	250-300	295-315	254	15.5
		15	47	227-00116015-000	227-00116015-001		295-315	381	22.0
		20	65	227-00116020-000	227-00116020-001		295-315	508	30.3
		30	98	227-00116020-000	227-00116020-001		295-315	762	45.2
12	12.75-13.55	10	33	227-00127510-000	227-00127510-001	300	324-344	254	15.2
		15	49	227-00127515-000	227-00127515-001		324-344	381	22.8
		20	65	227-00127520-000	227-00127520-001		324-344	508	29.9
		30	99	227-00127530-000	227-00127530-001		324-344	762	45.5
12	13.20-14.00	10	34	227-00132010-000	227-00132010-001	300-350	335-356	254	15.9
		15	49	227-00132015-000	227-00132015-001		335-356	381	23.0
		20	65	227-00132020-000	227-00132020-001		335-356	508	30.3
		30	99	227-00132030-000	227-00132030-001		335-356	762	46.0
12	13.14-14.34	10	34	227-00132010-050	227-00132010-051	300-350	334-364	254	15.9
		15	49	227-00132015-050	227-00132015-051		334-364	381	23.0
		20	65	227-00132020-050	227-00132020-051		334-364	508	30.3
		30	100	227-00132030-050	227-00132030-051		334-364	762	46.0
12	13.65-14.45	10	35	227-00136510-000	227-00136510-001	300-350	347-367	254	15.9
		15	50	227-00136515-000	227-00136515-001		347-367	381	23.0
		20	68	227-00136520-000	227-00136520-001		347-367	508	31.3
		30	102	227-00136530-000	227-00136530-001		347-367	762	46.9
12	13.65-14.85	10	34	227-00136510-050	227-00136510-051	300-350	347-377	254	15.9
		15	50	227-00136515-050	227-00136515-051		347-377	381	23.0
		20	65	227-00136520-050	227-00136520-051		347-377	508	30.3
		30	102	227-00136530-050	227-00136530-051		347-377	762	46.0

NOTE: Other sizes available upon request.