



Tapped Full Circle[®] Repair Clamp Double Band

239



Description:

A tapped clamp to repair damaged pipe at broken or torn out service connections or branch lines.

Application: Service connection or branch line connections.

Key Features:

- Stainless Steel outlet welded to band
- Select from outlets with NPT, CC or BSP (AWWA) threads
- Removable lugs allow installation in tight spaces
- Maximum support and reinforcement with 360° coverage
- Drop-in bolts in the joint to be opened help ease installation
- 18-8 Type 304 Stainless Steel band for corrosion resistance
- A wide variety of outlet sizes and thread types available to meet demand
- All closed lugs on the multi-band, except the joint, which is opened for installation
- Lugs have a Fusion-Bonded Flexi-Coat[®] Epoxy Finish for great corrosion resistance
- One starter (longer) bolt minimum per clamp thru 4.5" O.D. size to help with installation
- Widths up to 30"
- Pressure rating up to 175 PSI

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: 302 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 Steel bolts with fluoropolymer coated nuts to prevent galling

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

Pipe Applications: Cast Iron, Ductile Iron, Asbestos Cement, Steel, PVC, HDPE and most other types of pipe

Sizes (in inches):

- 4, 6, 8, 10, 12 offered with ¾", 1 ¼", 1 ½" or 2" NPT or CC Taps
- 4, 6, 8, 10, 12 offered with ¾", 1" or 2" taps.
- 4, 6, 8, 10, 12 offered with 1¼", 1½" or 2" NPT taps.



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.

239



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Bolt Numbers

BAND WIDTH INCHES	# OF BOLTS	BOLT SIZES
7.5	6	Drop-in lug 5/8" x 6" Closed lug 5/8" x 6 7/8"
10	8	
12.5	10	
15	12	

Stainless Steel Bolts

TAP SIZE	LAST 3 DIGITS FOR ALLOY BOLTS	LAST 3 DIGITS FOR STAINLESS STEEL BOLTS
3/4" NPT	-006	-106
1" NPT	-008	-108
1 1/4" NPT	-010	-110
1 1/2" NPT	-012	-112
2" NPT	-014	-114
3/4" CC	-007	-107
1" CC	-009	-109
1 1/4" CC	-011	-111
1 1/2" CC	-013	-113
2" CC	-015	-115

3/4" and 1" NPT Taps

STANDARD				3/4" NPT 20 MM	1" NPT 25 MM	METRIC			
NOMINAL SIZE INCHES	O.D. RANGE INCHES	WIDTH INCHES	WT. EACH LBS.	CATALOG NUMBER	CATALOG NUMBER	NOM. SIZE MM	O.D. RANGE MM	WIDTH MM	WT. EACH KG.
4	4.44-5.24	7.5	19	239-00045007-006	239-00045007-008	100	113-133	190	8.6
	4.44-5.24	10.0	25	239-00045010-006	239-00045010-008		113-133	254	11.3
	4.44-5.24	12.5	31	239-00045012-006	239-00045012-008		113-133	317	14.0
	4.44-5.24	15.0	37	239-00045015-006	239-00045015-008		113-133	381	16.8
6	6.62-7.42	7.5	20	239-00066307-006	239-00066307-008	125	168-188	190	9.1
	6.62-7.42	10.0	27	239-00066310-006	239-00066310-008		168-188	254	12.2
	6.62-7.42	12.5	33	239-00066312-006	239-00066312-008		168-188	317	15.0
	6.62-7.42	15.0	39	239-00066315-006	239-00066315-008		168-188	381	17.7
6	6.84-7.64	7.5	20	239-00069007-006	239-00069007-008	150	174-194	190	9.1
	6.84-7.64	10.0	27	239-00069010-006	239-00069010-008		174-194	254	12.2
	6.84-7.64	12.5	33	239-00069012-006	239-00069012-008		174-194	317	15.0
	6.84-7.64	15.0	39	239-00069015-006	239-00069015-008		174-194	381	17.7
8	8.62-9.42	7.5	22	239-00086307-006	239-00086307-008	200	219-239	190	10.0
	8.62-9.42	10.0	30	239-00086310-006	239-00086310-008		219-239	254	13.6
	8.62-9.42	12.5	36	239-00086312-006	239-00086312-008		219-239	317	16.3
	8.62-9.42	15.0	43	239-00086315-006	239-00086315-008		219-239	381	19.5

3/4" and 1" NPT Taps Continued

STANDARD				3/4" NPT 20 MM	1" NPT 25 MM	METRIC			
NOMINAL SIZE INCHES	O.D. RANGE INCHES	WIDTH INCHES	WT. EACH LBS.	CATALOG NUMBER	CATALOG NUMBER	NOM. SIZE MM	O.D. RANGE MM	WIDTH MM	WT. EACH KG.
8	8.99-9.79	7.5	22	239-00090507-006	239-00090507-008	200	229-248	190	10.0
	8.99-9.79	10.0	30	239-00090510-006	239-00090510-008		229-248	254	13.6
	8.99-9.79	12.5	36	239-00090512-006	239-00090512-008		229-248	317	16.3
	8.99-9.79	15.0	43	239-00090515-006	239-00090515-008		229-248	381	19.5
10	10.75-11.55	10.0	31	239-00107510-006	239-00107510-008	250	273-293	254	14.1
	10.75-11.55	12.5	40	239-00107512-006	239-00107512-008		273-293	317	18.1
	10.75-11.55	15.0	48	239-00107515-006	239-00107515-008		273-293	381	21.8
10	11.10-11.90	10.0	34	239-00111010-006	239-00111010-008	250	282-302	254	15.4
	11.10-11.90	12.5	43	239-00111012-006	239-00111012-008		282-302	317	19.5
	11.10-11.90	15.0	48	239-00111015-006	239-00111015-008		282-302	381	21.8
12	12.75-13.55	10.0	34	239-00127510-006	239-00127510-008	300	324-344	254	15.4
	12.75-13.55	12.5	43	239-00127512-006	239-00127512-008		324-344	317	19.5
	12.75-13.55	15.0	50	239-00127515-006	239-00127515-008		324-344	381	22.7
12	13.20-14.00	10.0	34	239-00132010-006	239-00132010-008	300	335-355	254	15.4
	13.20-14.00	12.5	43	239-00132012-006	239-00132012-008		335-355	317	19.5
	13.20-14.00	15.0	50	239-00132015-006	239-00132015-008		335-355	381	22.7

1 1/4", 1 1/2" and 2" NPT Taps

STANDARD				1 1/4" NPT 32 MM	1 1/2" NPT 40 MM	2" NPT 50 MM	METRIC			
NOM. SIZE INCHES	O.D. RANGE INCHES	WIDTH INCHES	WT. EACH LBS.	CATALOG NUMBER	CATALOG NUMBER	CATALOG NUMBER	NOM. SIZE MM	O.D. RANGE MM	WIDTH MM	WT. EACH KG.
4	4.44-5.24	7.5	19	239-00045007-010	239-00045007-012	239-00045007-014	100	113-133	190	8.6
		10	25	239-00045010-010	239-00045010-012	239-00045010-014			254	11.3
		12.5	31	239-00045012-010	239-00045012-012	239-00045012-014			317	14.0
		15	37	239-00045015-010	239-00045015-012	239-00045015-014			381	16.8
6	6.62-7.42	7.5	20	239-00066307-010	239-00066307-012	239-00066307-014	150	169-188	190	9.1
		10	27	239-00066310-010	239-00066310-012	239-00066310-014			254	12.2
		12.5	33	239-00066312-010	239-00066312-012	239-00066312-014			317	15.0
		15	39	239-00066315-010	239-00066315-012	239-00066315-014			381	17.7
6	6.84-7.64	7.5	20	239-00069007-010	239-00069007-012	239-00069007-014	150	174-194	190	9.1
		10	27	239-00069010-010	239-00069010-012	239-00069010-014			254	12.2
		12.5	33	239-00069012-010	239-00069012-012	239-00069012-014			317	15.0
		15	39	239-00069015-010	239-00069015-012	239-00069015-014			381	17.7
8	8.62-9.42	7.5	22	239-00086307-010	239-00086307-012	239-00086307-014	200	219-239	190	10.0
		10	30	239-00086310-010	239-00086310-012	239-00086310-014			254	13.6
		12.5	36	239-00086312-010	239-00086312-012	239-00086312-014			317	16.3
		15	43	239-00086315-010	239-00086315-012	239-00086315-014			381	19.5
8	8.99-9.79	7.5	22	239-00090507-010	239-00090507-012	239-00090507-014	200	229-248	190	10.0
		10	30	239-00090510-010	239-00090510-012	239-00090510-014			254	13.6
		12.5	36	239-00090512-010	239-00090512-012	239-00090512-014			317	16.3
		15	43	239-00090515-010	239-00090515-012	239-00090515-014			381	19.5
10	10.75-11.55	10	31	239-00107510-010	239-00107510-012	239-00107510-014	250	273-293	254	14.1
		12.5	40	239-00107512-010	239-00107512-012	239-00107512-014			317	18.1
		15	48	239-00107515-010	239-00107515-012	239-00107515-014			381	21.8
10	11.10-11.90	10	31	239-00111010-010	239-00111010-012	239-00111010-014	250	281-310	254	14.1
		12.5	40	239-00111012-010	239-00111012-012	239-00111012-014			317	18.1
		15	48	239-00111015-010	239-00111015-012	239-00111015-014			381	21.8
12	12.75-13.55	10	34	239-00127510-010	239-00127510-012	239-00127510-014	300	324-353	254	15.4
		12.5	43	239-00127512-010	239-00127512-012	239-00127512-014			317	19.5
		15	50	239-00127515-010	239-00127515-012	239-00127515-014			381	22.7
12	13.20-14.00	10	34	239-00132010-010	239-00132010-012	239-00132010-014	300	334-364	254	15.4
		12.5	43	239-00132012-010	239-00132012-012	239-00132012-014			317	19.5
		15	50	239-00132015-010	239-00132015-012	239-00132015-014			381	22.7

Maximum available clamp width is 30 inches. All sizes of Full Circle®s are available with tapped outlets.
Suitable anchorage must be provided when excessive pipe movement could cause the pipe to move out of the clamp.

3/4", 1" and 2" CC Taps - Low Alloy Bolts and Nuts

STANDARD				3/4" CC 20 MM	1" CC 25 MM	2" CC 50 MM	METRIC			
NOM. SIZE INCHES	O.D. RANGE INCHES	WIDTH INCHES	WT. EACH LBS.	CATALOG NUMBER	CATALOG NUMBER	CATALOG NUMBER	NOM. SIZE MM	O.D. RANGE MM	WIDTH MM	WT. EACH KG.
4	4.44-5.24	7.5	19	239-00045007-007	239-00045007-009	239-00045007-015	100	113-133	190	8.6
		10	25	239-00045010-007	239-00045010-009	239-00045010-015			254	11.3
		12.5	31	239-00045012-007	239-00045012-009	239-00045012-015			317	14.0
		15	37	239-00045015-007	239-00045015-009	239-00045015-015			381	16.8
6	6.62-7.42	7.5	20	239-00066307-007	239-00066307-009	239-00066307-015	150	169-188	190	9.1
		10	27	239-00066310-007	239-00066310-009	239-00066310-015			254	12.2
		12.5	33	239-00066312-007	239-00066312-009	239-00066312-015			317	15.0
		15	39	239-00066315-007	239-00066315-009	239-00066315-015			381	17.7
6	6.84-7.64	7.5	20	239-00069007-007	239-00069007-009	239-00069007-015	150	174-194	190	9.1
		10	27	239-00069010-007	239-00069010-009	239-00069010-015			254	12.2
		12.5	33	239-00069012-007	239-00069012-009	239-00069012-015			317	15.0
		15	39	239-00069015-007	239-00069015-009	239-00069015-015			381	17.7
8	8.62-9.42	7.5	22	239-00086307-007	239-00086307-009	239-00086307-015	200	219-239	190	10.0
		10	30	239-00086310-007	239-00086310-009	239-00086310-015			254	13.6
		12.5	36	239-00086312-007	239-00086312-009	239-00086312-015			317	16.3
		15	43	239-00086315-007	239-00086315-009	239-00086315-015			381	19.5
8	8.99-9.79	7.5	22	239-00090507-007	239-00090507-009	239-00090507-015	200	229-248	190	10.0
		10	30	239-00090510-007	239-00090510-009	239-00090510-015			254	13.6
		12.5	36	239-00090512-007	239-00090512-009	239-00090512-015			317	16.3
		15	43	239-00090515-007	239-00090515-009	239-00090515-015			381	19.5
10	10.75-11.55	10	31	239-00107510-007	239-00107510-009	239-00107510-015	250	273-293	254	14.1
		12.5	40	239-00107512-007	239-00107512-009	239-00107512-015			317	18.1
		15	48	239-00107515-007	239-00107515-009	239-00107515-015			381	21.8
10	11.10-11.90	10	31	239-00111010-007	239-00111010-009	239-00111010-015	250	281-310	254	14.1
		12.5	40	239-00111012-007	239-00111012-009	239-00111012-015			317	18.1
		15	48	239-00111015-007	239-00111015-009	239-00111015-015			381	21.8
12	12.75-13.55	10	34	239-00127510-007	239-00127510-009	239-00127510-015	300	324-353	254	15.4
		12.5	43	239-00127512-007	239-00127512-009	239-00127512-015			317	19.5
		15	50	239-00127515-007	239-00127515-009	239-00127515-015			381	22.7
12	13.20-14.00	10	34	239-00132010-007	239-00132010-009	239-00132010-015	300	334-364	254	15.4
		12.5	43	239-00132012-007	239-00132012-009	239-00132012-015			317	19.5
		15	50	239-00132015-007	239-00132015-009	239-00132015-015			381	22.7

Maximum available clamp width is 30 inches. Suitable anchorage must be provided when excessive pipe movement could cause the pipe to move out of the clamp. Other tap sizes are available.