



# Tapped Full Circle<sup>®</sup> Repair Clamp Single Band

# 238

## IMPORTANT LINKS

Click appropriate words to go to:

- Standard Limited Warranty
- Sales Terms & Conditions
- Freight Policy
- Returns Policy
- Corrosion & Product Selection Notice



**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.

### 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 and features a choice of NPT, CC, AWWA or BSP 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
- A wide variety of outlet sizes and thread types available to meet demand
- Lugs have a Fusion-Bonded Flexi-Coat<sup>®</sup> Epoxy Finish for great corrosion resistance
- One starter (longer) bolt minimum per clamp thru 4.5" O.D. size to help with installation
- Range up to .40"
- Pressure ratings up to 300 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:** 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 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):

- 3, 4, 6, 8, 10, 12 offered with ¾" or 1" NPT taps
- 4, 6, 8, 10, 12 offered with 1¼", 1½" or 2" NPT taps
- 3, 4, 6, 8, 10, 12 offered with ¾", 1", 1¼", 1½", or 2" CC taps



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With 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 20MM	1" NPT 25MM	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	3.46-3.70	7.5	8.3	238-00035007-006	238-00035007-008	80	88-93	190	3.8
	3.46-3.70	12.5	12.8	238-00035012-006	238-00035012-008		88-93	317	5.8
	3.73-4.00	7.5	8.3	238-00037507-006	238-00037507-008		95-101	190	3.8
	3.73-4.00	12.5	12.8	238-00037512-006	238-00037512-008		95-101	317	5.8
3	3.96-4.25	7.5	8.3	238-00040007-006	238-00040007-008	80-100	101-107	190	3.8
	3.96-4.25	12.5	12.8	238-00040012-006	238-00040012-008		101-107	317	5.8
4	4.45-4.73	7.5	8.3	238-00045007-006	238-00045007-008	100	114-120	190	3.8
	4.45-4.73	12.5	12.8	238-00045012-006	238-00045012-008		114-120	317	5.8
	4.74-5.14	7.5	10.7	238-00048007-006	238-00048007-008		121-130	190	4.9
	4.74-5.14	12.5	18.0	238-00048012-006	238-00048012-008		121-130	317	8.3
6	6.56-6.96	7.5	11.1	238-00066307-006	238-00066307-008	150	167-176	190	5.4
	6.56-6.96	12.5	17.1	238-00066312-006	238-00066312-008		167-176	317	8.9
	6.84-7.24	7.5	11.3	238-00069007-006	238-00069007-008		174-183	190	5.4
	6.84-7.24	12.5	19.3	238-00069012-006	238-00069012-008		174-183	317	8.9
8	8.54-8.94	7.5	13.2	238-00086307-006	238-00086307-008	200	217-227	190	6.1
	8.54-8.94	12.5	21.4	238-00086312-006	238-00086312-008		217-227	317	9.8
	8.99-9.39	7.5	13.2	238-00090507-006	238-00090507-008		229-238	190	6.1
	8.99-9.39	12.5	21.4	238-00090512-006	238-00090512-008		229-238	317	9.8

Suitable anchorage must be provided. Excessive pipe movement could cause pipe to pull out. Other tap sizes available.

1¼", 1½" 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	4.45-4.73	7.5	10	238-00045007-010	238-00045007-012	238-00045007-014	100	114-120	190	4.1
	4.45-4.73	10	13	238-00045010-010	238-00045010-012	238-00045010-014		114-120	254	5.9
	4.45-4.73	12.5	16	238-00045012-010	238-00045012-012	238-00045012-014		114-120	317	7.3
	4.45-4.73	15	19	238-00045015-010	238-00045015-012	238-00045015-014		114-120	381	8.6
4	4.74-5.14	7.5	11	238-00048007-010	238-00048007-012	238-00048007-014	100	121-130	190	5.0
	4.74-5.14	10	15	238-00048010-010	238-00048010-012	238-00048010-014		121-130	254	6.8
	4.74-5.14	12.5	18	238-00048012-010	238-00048012-012	238-00048012-014		121-130	317	8.2
	4.74-5.14	15	21	238-00048015-010	238-00048015-012	238-00048015-014		121-130	381	9.5
6	6.56-6.96	7.5	12	238-00066307-010	238-00066307-012	238-00066307-014	150	167-176	190	5.4
	6.56-6.96	10	16	238-00066310-010	238-00066310-012	238-00066310-014		167-176	254	7.3
	6.56-6.96	12.5	19	238-00066312-010	238-00066312-012	238-00066312-014		167-176	317	8.6
	6.56-6.96	15	23	238-00066315-010	238-00066315-012	238-00066315-014		167-176	381	11.8
6	6.84-7.24	7.5	12	238-00069007-010	238-00069007-012	238-00069007-014	150	174-183	190	5.4
	6.84-7.24	10	16	238-00069010-010	238-00069010-012	238-00069010-014		174-183	254	7.3
	6.84-7.24	12.5	19	238-00069012-010	238-00069012-012	238-00069012-014		174-183	317	8.6
	6.84-7.24	15	23	238-00069015-010	238-00069015-012	238-00069015-014		174-183	381	10.4
8	8.54-8.94	7.5	13	238-00086307-010	238-00086307-012	238-00086307-014	200	217-227	190	5.9
	8.54-8.94	10	17	238-00086310-010	238-00086310-012	238-00086310-014		217-227	254	7.7
	8.54-8.94	12.5	21	238-00086312-010	238-00086312-012	238-00086312-014		217-227	317	9.5
	8.54-8.94	15	25	238-00086315-010	238-00086315-012	238-00086315-014		217-227	381	11.30
8	8.99-9.39	7.5	13	238-00090507-010	238-00090507-012	238-00090507-014	200	229-238	190	5.9
	8.99-9.39	10	17	238-00090510-010	238-00090510-012	238-00090510-014		229-238	254	7.7
	8.99-9.39	12.5	21	238-00090512-010	238-00090512-012	238-00090512-014		229-238	317	9.5
	8.99-9.39	15	25	238-00090515-010	238-00090515-012	238-00090515-014		229-238	381	11.34
10	10.64-11.04	7.5	14	238-00107507-010	238-00107507-012	238-00107507-014	250	270-280	190	6.4
	10.64-11.04	10	19	238-00107510-010	238-00107510-012	238-00107510-014		270-280	254	8.6
	10.64-11.04	12.5	23	238-00107512-010	238-00107512-012	238-00107512-014		270-280	317	10.4
	10.64-11.04	15	27	238-00107515-010	238-00107515-012	238-00107515-014		270-280	381	12.2
10	11.04-11.44	7.5	14	238-00111007-010	238-00111007-012	238-00111007-014	250	280-291	190	6.4
	11.04-11.44	10	19	238-00111010-010	238-00111010-012	238-00111010-014		280-291	254	8.6
	11.04-11.44	12.5	23	238-00111012-010	238-00111012-012	238-00111012-014		280-291	317	10.4
	11.04-11.44	15	27	238-00111015-010	238-00111015-012	238-00111015-014		280-291	381	12.7
12	12.62-13.02	7.5	16	238-00127507-010	238-00127507-012	238-00127507-014	300	321-331	190	7.3
	12.62-13.02	10	20	238-00127510-010	238-00127510-012	238-00127510-014		321-331	254	9.1
	12.62-13.02	12.5	25	238-00127512-010	238-00127512-012	238-00127512-014		321-331	317	11.3
	12.62-13.02	15	29	238-00127515-010	238-00127515-012	238-00127515-014		321-331	381	13.15
12	13.10-13.50	7.5	16	238-00132007-010	238-00132007-012	238-00132007-014	300	333-343	190	7.7
	13.10-13.50	10	20	238-00132010-010	238-00132010-012	238-00132010-014		333-343	254	9.5
	13.10-13.50	12.5	25	238-00132012-010	238-00132012-012	238-00132012-014		333-343	317	11.3
	13.10-13.50	15	29	238-00132015-010	238-00132015-012	238-00132015-014		333-343	381	13.2

Maximum available clamp width is 35". Suitable anchorage must be provided. Excessive pipe movement could cause pipe to pull out. Other tap sizes available.

¾", 1" and 2" CC Taps

STANDARD				¾" 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.
3	3.46-3.70	7.5	9	238-00035007-007	238-00035007-009		80	88-93	190	4.0
	3.46-3.70	10	13	238-00035010-007	238-00035010-009			88-93	254	5.9
	3.46-3.70	12.5	16	238-00035012-007	238-00035012-009			88-93	317	7.3
	3.46-3.70	15	18	238-00035015-007	238-00035015-009			88-93	381	8.2
3	3.73-4.00	7.5	9	238-00037507-007	238-00037507-009		80	95-101	190	4.0
	3.73-4.00	10	13	238-00037510-007	238-00037510-009			95-101	254	5.9
	3.73-4.00	12.5	16	238-00037512-007	238-00037512-009			95-101	317	7.3
	3.73-4.00	15	18	238-00037515-007	238-00037515-009			95-101	381	8.2
3	3.96-4.25	7.5	9	238-00040007-007	238-00040007-009		80	101-107	190	4.0
	3.96-4.25	10	13	238-00040010-007	238-00040010-009			101-107	254	5.9
	3.96-4.25	12.5	16	238-00040012-007	238-00040012-009			101-107	317	7.3
	3.96-4.25	15	18	238-00040015-007	238-00040015-009			101-107	381	8.2
4	4.45-4.73	7.5	10	238-00045007-007	238-00045007-009	238-00045007-015	100	114-120	190	4.0
	4.45-4.73	10	13	238-00045010-007	238-00045010-009	238-00045010-015		114-120	254	5.9
	4.45-4.73	12.5	16	238-00045012-007	238-00045012-009	238-00045012-015		114-120	317	7.3
	4.45-4.73	15	19	238-00045015-007	238-00045015-009	238-00045015-015		114-120	381	8.2
4	4.74-5.14	7.5	10	238-00048007-007	238-00048007-009	238-00048007-015	100	121-130	190	5.0
	4.74-5.14	10	13	238-00048010-007	238-00048010-009	238-00048010-015		121-130	254	6.8
	4.74-5.14	12.5	16	238-00048012-007	238-00048012-009	238-00048012-015		121-130	317	8.2
	4.74-5.14	15	19	238-00048015-007	238-00048015-009	238-00048015-015		121-130	381	9.5
6	6.56-6.96	7.5	12	238-00066307-007	238-00066307-009	238-00066307-015	150	167-176	190	5.4
	6.56-6.96	10	16	238-00066310-007	238-00066310-009	238-00066310-015		167-176	254	7.3
	6.56-6.96	12.5	19	238-00066312-007	238-00066312-009	238-00066312-015		167-176	317	8.2
	6.56-6.96	15	23	238-00066315-007	238-00066315-009	238-00066315-015		167-176	381	10.4
6	6.84-7.24	7.5	12	238-00069007-007	238-00069007-009	238-00069007-015	150	174-183	190	5.4
	6.84-7.24	10	16	238-00069010-007	238-00069010-009	238-00069010-015		174-183	254	7.3
	6.84-7.24	12.5	19	238-00069012-007	238-00069012-009	238-00069012-015		174-183	317	8.2
	6.84-7.24	15	23	238-00069015-007	238-00069015-009	238-00069015-015		174-183	381	10.4
8	8.54-8.94	7.5	13	238-00086307-007	238-00086307-009	238-00086307-015	200	217-227	190	5.9
	8.54-8.94	10	17	238-00086310-007	238-00086310-009	238-00086310-015		217-227	254	7.7
	8.54-8.94	12.5	21	238-00086312-007	238-00086312-009	238-00086312-015		217-227	317	9.5
	8.54-8.94	15	25	238-00086315-007	238-00086315-009	238-00086315-015		217-227	381	11.3
8	8.99-9.39	7.5	13	238-00090507-007	238-00090507-009	238-00090507-015	200	229-238	190	5.9
	8.99-9.39	10	17	238-00090510-007	238-00090510-009	238-00090510-015		229-238	254	7.7
	8.99-9.39	12.5	21	238-00090512-007	238-00090512-009	238-00090512-015		229-238	317	9.5
	8.99-9.39	15	25	238-00090515-007	238-00090515-009	238-00090515-015		229-238	381	11.3
10	10.64-11.04	7.5	14	238-00107507-007	238-00107507-009	238-00107507-015	254	270-280	190	6.4
	10.64-11.04	10	19	238-00107510-007	238-00107510-009	238-00107510-015		270-280	254	8.2
	10.64-11.04	12.5	23	238-00107512-007	238-00107512-009	238-00107512-015		270-280	317	10.4
	10.64-11.04	15	27	238-00107515-007	238-00107515-009	238-00107515-015		270-280	381	12.3
10	11.04-11.44	7.5	14	238-00111007-007	238-00111007-009	238-00111007-015	254	280-291	190	6.4
	11.04-11.44	10	19	238-00111010-007	238-00111010-009	238-00111010-015		280-291	254	8.2
	11.04-11.44	12.5	23	238-00111012-007	238-00111012-009	238-00111012-015		280-291	317	10.4
	11.04-11.44	15	27	238-00111015-007	238-00111015-009	238-00111015-015		280-291	381	12.3
12	12.62-13.02	7.5	16	238-00127507-007	238-00127507-009	238-00127507-015	305	321-331	190	7.3
	12.62-13.02	10	20	238-00127510-007	238-00127510-009	238-00127510-015		321-331	254	9.1
	12.62-13.02	12.5	25	238-00127512-007	238-00127512-009	238-00127512-015		321-331	317	11.3
	12.62-13.02	15	29	238-00127515-007	238-00127515-009	238-00127515-015		321-331	381	13.2
12	13.10-13.50	7.5	16	238-00132007-007	238-00132007-009	238-00132007-015	305	333-343	190	7.7
	13.10-13.50	10	20	238-00132010-007	238-00132010-009	238-00132010-015		333-343	254	9.5
	13.10-13.50	12.5	25	238-00132012-007	238-00132012-009	238-00132012-015		333-343	317	11.3
	13.10-13.50	15	29	238-00132015-007	238-00132015-009	238-00132015-015		333-343	381	13.2