



259 Full Circle® Repair Clamp

Double Band

All Stainless Steel, Cast Lugs



Smith-Blair 259 Full Circle® Repair Clamps, designed especially for HOT SOIL or other aggressive environments, provide a fast, economical means of repairing damage on cast iron, steel and other types of pipes.

Each clamp repair a variety of types and classes of pipe in each nominal size 4" through 12".

The lugs have mutually supporting fingers to permit maximum torquing of the bolts. The gasket is a lap type with molded tapered ends and a finely gridded surface to conform to irregularities on the pipe surface.

The bridge plate is molded flush into the gasket to prevent wrinkling in the lug area and ensure uniform full circumferential sealing. Bolts and nuts are Type 304 stainless steel, coated to prevent galling.

Material Specifications

Band: Stainless Steel Type 304

Lugs: CF8 austenetic cast stainless steel (304 Equivalent).

Gasket: Nitrile (Buna N). Specially compounded NBR rubber to resist oil, acids alkalis, most (aliphatic) hydro-carbon fluids, water and many chemicals. Nominal temperature range from -20°F to 180°F.
Consult manufacturer for specific applications or other service temperatures.

Bridge Plate: Type 304 Stainless Steel recessed flush and bonded into gasket.

Bolts & Nuts: Type 304 Stainless Steel with rolled threads. The Stainless steel nuts and bolts are fluoropolymer coated to prevent galling.

Material specifications are subject to change.

Band Width Inches	Number of Bolts	Bolt Sizes
7 1/2	2	Thru 5" nominal O.D. - 1/2" x 7" Over 6" nominal O.D. - 5/8" x 6 7/8"
15	4	
22 1/2	6	

Standard				Catalog Number	Metric			
Nom. Size Inches	O.D. Range Inches	Width Inches	Wt. Each Lbs.		Nom. Size MM	O.D. Range MM	Width MM	Wt. Each Kg.
3	3.49-4.29	7 1/2	14.9	259-035007-000	80	88-108	190	6.8
		15	29.8	259-035015-000			381	13.5
		22 1/2	44.6	259-035022-000			572	20.2
4	4.44-5.24	7 1/2	14.9	259-045007-000	100	113-133	190	6.8
		15	29.8	259-045015-000			381	13.5
		22 1/2	44.6	259-045022-000			572	20.2
6	6.56-7.36	7 1/2	16.0	259-066307-000	150	167-186	190	7.3
		15	32.0	259-066315-000			381	14.5
		22 1/2	48.0	259-066322-000			572	21.8
8	8.54-9.34	7 1/2	20.2	259-086307-000	200	217-237	190	9.2
		15	40.4	259-086315-000			381	18.3
		22 1/2	60.6	259-086322-000			572	27.5
10	10.64-11.44	7 1/2	22.2	259-107507-000	250	271-290	190	10.1
		15	44.4	259-107515-000			381	20.1
		22 1/2	66.6	259-107522-000			572	30.2
12	12.62-13.42	7 1/2	22.2	259-127507-000	300	321-340	190	10.1
		15	44.4	259-127515-000			381	20.1
		22 1/2	66.6	259-127522-000			572	30.2
14	13.65-14.45	7 1/2	24.2	259-136507-000	350	347-367	190	11.0
		15	48.4	259-136515-000			381	22.0
		22 1/2	72.6	259-136522-000			572	32.9
16	15.92-16.72	7 1/2	25.9	259-159207-000	400	405-424	190	11.7
		15	47.9	259-159215-000			381	21.7
		22 1/2	71.5	259-159222-000			572	32.4

NOTE: NOT recommended for PE pipe applications.