



## Style 77B Band Clamp



**Dresser® Style 77B Band Clamps** are specifically designed to provide a low cost repair for small pinholes, leaks, corroded areas and pits in straight runs of steel piping. They are suitable for practically all working pressures and line contents.

Each clamp consists of a flexible, one-piece carbon steel circular band that is sprung apart to fit over the pipe, and a high-strength carbon steel bolt and nut of sufficient diameter to provide both a safety factor and protection against corrosion. The 77B is available in standard steel pipe sizes from 2" thru 24" with 2" or 3" bands. Cone gaskets must be specified when ordering the Style 77B repair clamp with three different size cone gaskets available (see chart).

### CONE GASKETS - Style 77B

Gasket Number	Gasket Size
216	1-5/8"
217	2"
218	2-1/2"

### Materials of Construction

**Band/Lugs:** AISI C1008/1010  
Carbon Steel

**Bolt & Nut:** SAE Grade 5 Carbon  
Steel

**Gasket (77G):** 100% Pure Gum  
Rubber; 1/4" Min. Thickness,  
40 Durometer

### Style 77B Band Clamp Specifications for sizes 2" - 24"

Pipe (Steel) Nominal Size (ID)	Outside Diameter (OD)	Band Thickness & Width	Bolt Diameter & Length	Weight Approx. Ship. Ea. (Lbs.)
2	2.375	1/16 x 2"	1/2 x 4	0.84
3	3.500	1/16 x 2"	1/2 x 4	0.96
4	4.500	1/16 x 2"	1/2 x 5-1/2	1.3
5	5.563	1/16 x 2"	1/2 x 5-1/2	1.4
6	6.625	3/32 x 3"	5/8 x 6	2.8
6-5/8 CAS	7.000	3/32 x 3"	5/8 x 6	2.9
8	8.625	3/32 x 3"	5/8 x 6	3.4
10	10.750	3/32 x 3"	5/8 x 7	4.0
11-5/8 CAS	12.000	3/32 x 3"	5/8 x 7	4.3
12	12.750	3/32 x 3"	5/8 x 7	4.5
	14.000			6.2
	16.000			6.9
	18.000	1/8 x 3"	5/8 x 8-1/4	7.5
	20.000			8.2
	24.000			9.6

**Dresser® Style 77G Band Clamps** provide the same low cost repair as the Style 77B, but are supplied with a heavy lug-to-lug full-length sheet gasket of low durometer providing ease of sealing on badly corroded steel pipe surfaces.

The **77G** repair clamp consists of the same flexible, one-piece circular carbon steel band and high strength carbon steel bolt and nut, and comprised of material chemically equivalent to the pipe material eliminating any corrosion concerns when dissimilar materials are used. With rugged construction and generous gasket thickness, the Style 77G provides the ideal economical repair. Available from 2" thru 8" sizes with 3" and 6" band widths.



## Style 77G Band Clamp

### Specifications for Sizes 2" through 8"

Pipe (Steel) Nominal Size (ID)	Outside Diameter (OD)	Band Thickness & Width	Bolt Diameter & Length	Weight Approx. Ship. Ea. (Lbs.)
2	2.375	3/64 x 3"	1/2 x 4	0.5
2	2.375	3/64 x 6"	1/2 x 4	1.0
3	3.500	1/16 x 3"	1/2 x 4	.75
3	3.500	1/16 x 6"	1/2 x 4	1.50
4	4.500	1/16 x 3"	1/2 x 5-1/2	1.0
4	4.500	1/16 x 6"	1/2 x 5-1/2	2.0
6	6.625	5/64 x 3"	5/8 x 6	1.5
6	6.625	3/32 x 6"	5/8 x 6	3.0
8	8.625	3/32 x 3"	5/8 x 6	3.5
8	8.625	3/32 x 6"	5/8 x 6	7.0