



## Pressed Steel Clamp

### Repairs Badly Pitted and Corroded Pipe Lines



Model "PS" Wide

Model "PS" Narrow



The Pressed Steel Clamp is used for repairing badly pitted and corroded pipe lines at minimum cost.

This is not a thin spring-steel band with attached lugs. It is a 3/16 thick, heavy steel plate with inseparable wedge-shaped lugs pressed out of the material itself. This special construction prevents any give or collapse of the lug so that the full amount of take-up pressure applied by the bolts is transmitted directly to the gasket over the leak. While the clamp is heavy enough to outlast the pipe, it is still sufficiently flexible to conform to the pipe surface.

The Pressed Steel Clamp is available in two widths:  
**Narrow:** 4" wide for pit holes, complete with Cone Plug Gasket fastened in place.

**Wide:** 8" wide for running corrosion spots, complete with a crescent-shaped, pressure-equalizing gasket of Skinner Special Composition for use on oil or gas lines.

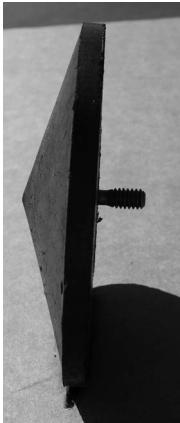
Large 5/8" diameter steel bolts, plated and Iridite-dipped, are furnished with all clamps.

**NOTE:** Narrow type in sizes 3" OD through 12" comes with CP2NE Cone Plug. Narrow type in sizes 14" OD and up comes with CP2NF Cone Plug. Wide type in sizes 3" through 6" comes with SGNC #168 Strip Gasket. Wide type in sizes 8" and up come with SGN #148 Strip Gasket. 5/8" x 5" Bolts and Nuts are standard on above clamps.

Strip gaskets are Buna-N compound. Cone Plugs are Buna N but are also available as spares in either Buna-N (Black) or Natural Rubber (Red). Temperature Rating 250°F

### Price Schedule

NARROW STYLE				WIDE STYLE		
Size (inches)	Part Number	Sugg. List Price	Approx. Weight (lbs.)	Part Number	Sugg. List Price	Approx. Weight (lbs.)
3	089624	\$ 105.00	3.5	089625	\$ 129.00	7.0
4 OD	089623	\$ 110.00	3.75			
4	089621	\$ 87.00	4	089620	\$ 129.00	8.5
5	089617	\$ 104.00	5	089616	\$ 182.00	10.5
6 OD	089615	\$ 113.00	5			
6	089613	\$ 104.00	5.5	089612	\$ 138.00	11.25
8	089607	\$ 113.00	7	089606	\$ 164.00	14
10	089603	\$ 132.00	8	089602	\$ 220.00	17
12	089600	\$ 142.00	9	089599	\$ 250.00	19
14	089598	\$ 175.00	10	089597	\$ 303.00	20.5
16	089596	\$ 192.00	11.5	089595	\$ 304.00	23
18	089594	\$ 240.00	12.5	089593	\$ 368.00	26
20	089592	\$ 268.00	14	089591	\$ 374.00	28.5
24	089589	\$ 302.00	17.5	089588	\$ 406.00	33.5



Cone Plug w/fastener



Cone Plug - Black (Buna-N)  
Max Temp 250°F

Cone Plug - Red (Natural Rubber)  
Max Temp 250°F

**Extra Cone Plugs for Narrow Style Clamps**

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Sizes			Natural Rubber (Red)								
Thickness at Base			1/8			1/4			1/2		
Cone Plug	Diameter (inches)		Code	Part Number	Sugg. List Price	Code	Part Number	Sugg. List Price	Code	Part Number	Sugg. List Price
#1	1 9/16	w/o Fastener	CP1A	<b>082007</b>	\$ 6.25	CP1B	<b>082013</b>	\$ 8.75	CP1C	<b>082024</b>	\$ 8.50
		w/ Fastener				CP1E	<b>082019</b>	\$ 8.50			
#2	2 5/16	w/o Fastener	CP2A	<b>082009</b>	\$ 6.25	CP2B	<b>082015</b>	\$ 6.25	CP2C	<b>082026</b>	\$ 8.50
		w/ Fastener				CP2E	<b>082020</b>	\$ 8.50	CP2F	<b>082029</b>	\$ 8.50
#3	3 1/2	w/o Fastener	CP3A	<b>082011</b>	\$ 11.00	CP3B	<b>082017</b>	\$ 11.00	CP3C	<b>082028</b>	\$ 15.00
		w/ Fastener				CP3E	<b>082022</b>	\$ 12.25			
			Buna-N (Black)								
#1	1 9/16	w/o Fastener	CP1NA	<b>082006</b>	\$ 6.25	CP1NB	<b>082012</b>	\$ 7.75	CP1NC	<b>082023</b>	\$ 8.50
		w/ Fastener				CP1NE	<b>082018</b>	\$ 8.50			
#2	2 5/16	w/o Fastener	CP2NA	<b>082008</b>	\$ 6.25	CP2NB	<b>082014</b>	\$ 6.25	CP2NC	<b>082025</b>	\$ 8.50
		w/ Fastener				CP2NE	<b>080865*</b>	\$ 8.50	CP2NF	<b>080866**</b>	\$ 8.50
#3	3 1/2	w/o Fastener	CP3NA	<b>082010</b>	\$ 11.00	CP3NB	<b>082016</b>	\$ 11.00	CP3NC	<b>082027</b>	\$ 15.00
		w/ Fastener				CP3NE	<b>082021</b>	\$ 12.25	CP3NF	<b>082030</b>	16.25

\* Standard for all 3"-12"  
\*\* Standard for all 14"-24"



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## Installation Procedure

## Pressed Steel Clamp

1. Thoroughly clean the damaged area of pipe with a wire brush. This will help insure a bubble tight gasket seal.
2. Use a Narrow Clamp with a Cone Plug Gasket to seal pit holes .
3. Use a Wide Clamp with a larger, crescentshaped gasket to seal corrosion spots.
4. Place the clamp around the pipe so that the leak is fully covered by the gasket.
5. Tighten the bolts evenly to the recommended torque (see table below).
6. Pressure test the completed installation for leaks.
7. Check for leaks before leaving.

Narrow			Wide	
Size	Torque	Working Pressure	Torque	Working Pressure
3"	60 ft/lbs	1000 psi	60 ft/lbs	500 psi
4"	60 ft/lbs	1000 psi	60 ft/lbs	500 psi
5"	60 ft/lbs	1000 psi	60 ft/lbs	500 psi
6"	60 ft/lbs	1000 psi	60 ft/lbs	500 psi
8"	60 ft/lbs	1000 psi	60 ft/lbs	400 psi
10"	60 ft/lbs	1000 psi	60 ft/lbs	400 psi
12"	60 ft/lbs	1000 psi	60 ft/lbs	300 psi
14"	60 ft/lbs	1000 psi	60 ft/lbs	300 psi
16"	60 ft/lbs	800 psi	60 ft/lbs	300 psi
18"	60 ft/lbs	800 psi	60 ft/lbs	200 psi
20"	60 ft/lbs	800 psi	60 ft/lbs	200 psi
24"	60 ft/lbs	800 psi	60 ft/lbs	200 psi