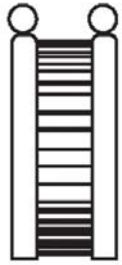


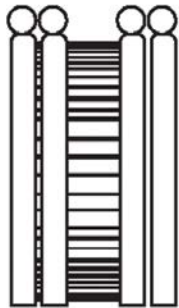


Installation Suggestions

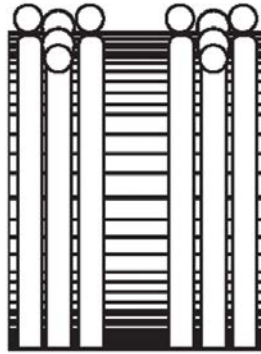
Size	Width	No. of Straps	Torque
1½" - 4"	2.125	2	60
5" & 6"	3.0	4	60
8" & 10"	4.0	4	60
12" & 15"	5.50	6	80



**Size 1-1/2"
thru 4"
TWO BANDS
Figure 1**



**Size 5", 6"
8" thru 10"
FOUR BANDS
Figure 2**



**Size 12"
And 15"
SIX BANDS
Figure 3**

Installation Instructions:

- 1) After making the field cuts square and placing the ends of the pipes against the center-stop of the gasket, slide the clamp assembly into position centered over the gasket.
- 2) Using a torque wrench, tighten stainless steel screws alternately to 60-inch pounds torque for 1½ to 10" and 80-inch pounds torque for 12" & 15".
- 3) For 5" to 10" couplings, tighten inner bands first, then tighten outer bands.
- 4) For 12" & 15" couplings, tighten inner bands, center bands and outer bands. When min-max conditions exist, tighten each band starting on the smaller side: 3,2,1 and 3,2,1 again. Then torque the maximum side: 4, 5, 6 and 4, 5, 6 again. Finally, torque 2,1 on the minimum side and 4, 5, 6 on the maximum side. (See Figure 3 above.)

Bracing:

Horizontal pipe and fittings five inches and larger must be suitably braced to prevent horizontal movement. This must be done at every branch opening or change of direction by the use of braces, blocks, rodding or other suitable method, to prevent movement or joint separation. (Chapter IV, Handbook Cast Iron Soil Pipe Institute)