

HARCO **INSTALLATION INSTRUCTIONS**

FITTINGS

PIPE to PIPE

Restraint Assembly

Items to be assembled:

- A - (1) Plain end PVC pipe.
- B - (1) Bell End PVC Pipe
- C - (2) HARCO Grip Rings (*FIGURE 1*)
- D - (2) Corten Threaded Restraining rods with (4) nuts (*FIGURE 2*)

Step 1: Mark and assemble plain-end PVC pipe into bell according to pipe manufacture's recommendations.

Step 2: Assemble the HARCO grip rings on the spigot pipe, approx. 2" inches behind the insertion mark on the pipe, and immediately behind the pipe bell end, (*FIGURE 3*) Tighten the side clamping bolts to recommended torque 100 ft. lbs (pad to pad).

Step 3: Insert the threaded rods (D) provided and snug the retaining nuts against the restrainer ears (against the flat surface). Do not over-tighten retaining nuts, approximately one turn with a wrench.



FIGURE 1
(2) GRIP RING w/
BOLTS & NUTS



FIGURE 2
(4) T-BOLT & NUT

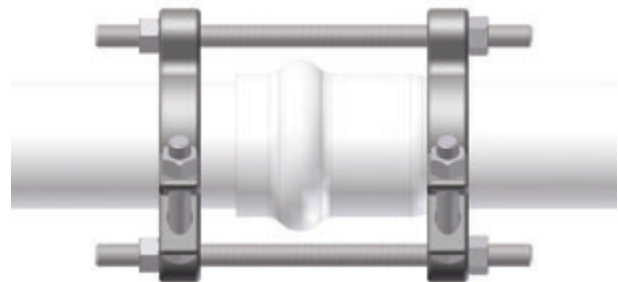


FIGURE 3
RESTRAINT ASSEMBLY



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