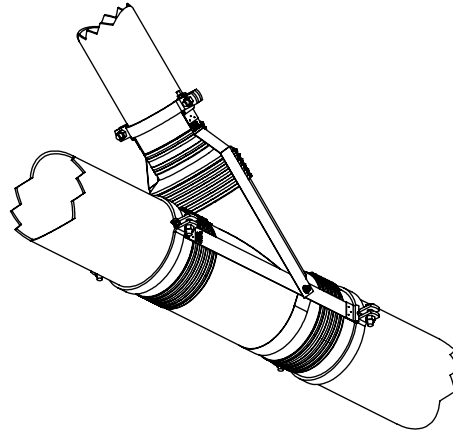
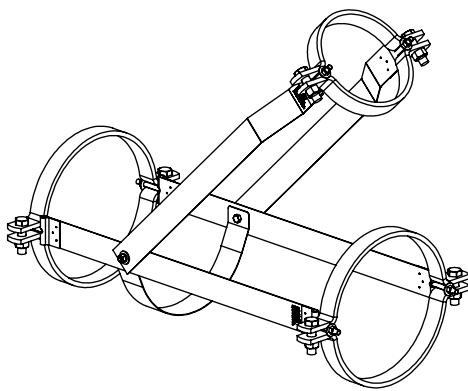


PRODUCT SPECIFICATION DRAWING
HOLDRITE® #117-12X10, -15X10 & -15X12 (WR or WR-G) Series No-Hub Restraints



#117-12X10WR, -15X10WR or -15X12WR (standard)
or
#117-12X10WR-G, -15X10WR-G or -15X12WR-G (galvanized)

THE HOLDRITE® #117-12X10WR or WR-G Series no-hub restraints for reducing Wyes, are designed to reinforce no-hub cast iron instructions in accordance with the installation instructions of the U.S. cast iron soil pipe manufacturers, CISPI designation 310-11 and the 2006 CISPI Handbook. Models ending in “-G” represents “galvanized”. All pipe clamps must be torqued to 60 ft./lbs.

NOTE:

While these restraint kits aid in compliance with cast iron pipe and fitting manufacturers installation guide lines, CISPI designation 310-11 and the 2006 CISPI Handbook, they are not intended to suggest that no-hub pipe and fittings should be subjected to pressures in excess of the pipe manufacturers' recommendations.

Product Information:

- Material:
 - Strap: 16GA, CRS, galvanized
 - Clamp: Heavy Duty Black or Galvanized Steel Pipe Clamp
 - Bands: Stainless steel body, band & screw
 - Hardware: Standard (WR) or Galvanized (WR-G)
- Torque: 60 ft./lbs. minimum on pipe clamps
- Patent pending
- Thrust force restraint test data available upon request
- Refer to installation instructions at www.holdrite.com

THIS INFORMATION IS PROPRIETARY TO HOLDRITE AND IS SUBJECT TO CHANGE WITHOUT NOTICE. IT MAY NOT BE REPRODUCED IN PART OR WHOLE WITHOUT WRITTEN AUTHORIZATION.

HOLDRITE®
CONVERTING MAKESHIFT METHODS INTO ENGINEERED SOLUTIONSSM

800-321-0316 OR 760-744-6944 / FAX: 760-744-0507 / WWW.HOLDRITE.COM
spec_117-12X10, -15X10, -15X12 (WR or WR-G / Std or Galv) RevA

Product Submittal	
Job Name:	
Date:	
Part Number:	Qty:
Architect / Owner:	
Contractor:	
Notes:	