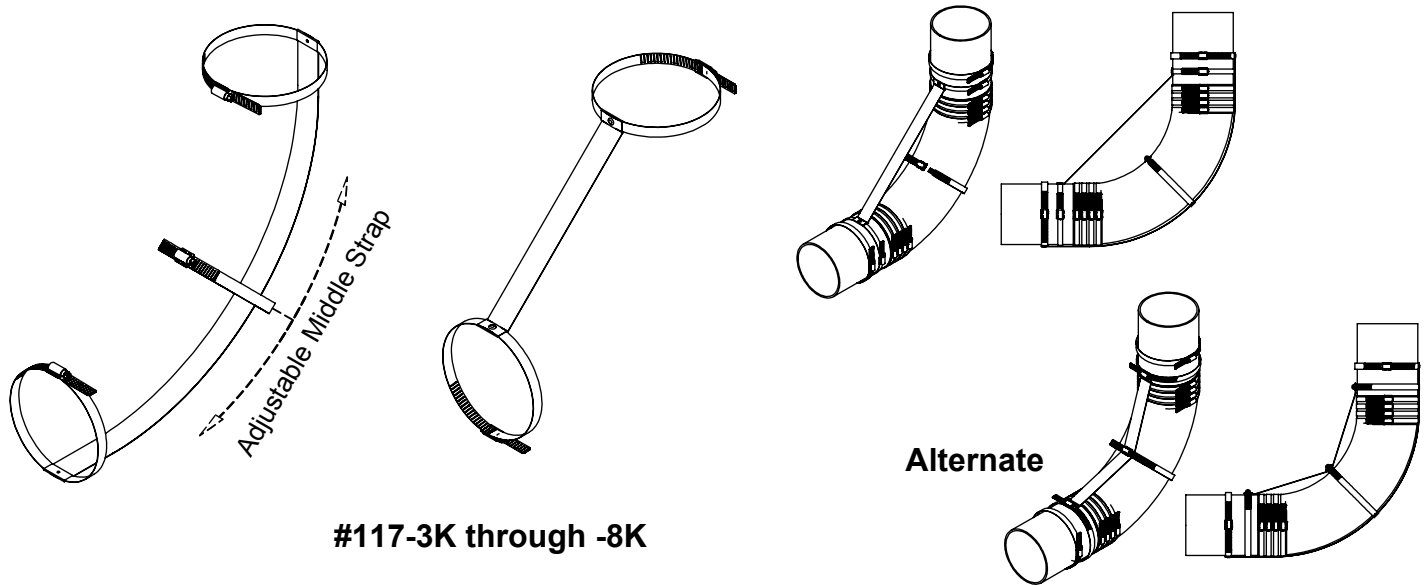


PRODUCT SPECIFICATION DRAWING

HOLDRITE® #117-3K through #117-8K Series No-Hub Fitting Restraints



THE HOLDRITE® #117 Series No-Hub Fitting Restraints are designed to reinforce no-hub cast iron installations at 90° changes of direction in accordance with the installation instructions of U.S. cast iron soil pipe manufacturers, CISPI Designation 310-11 and the 2006 CISPI Installation Handbook. The #117-3K (2" & 3" size), #117-4K (4" size), #117-5K (5" size), #117-6K (6" size) and #117-8K (8" size) retain the 90° elbow onto the adjoining piping. All five stainless steel bands must be tightened to 60 in/lbs minimum. When installed correctly, these restraint brackets achieve a safe thrust pressure rating equal to 50' head of water pressure.

NOTE:
 While these restraint kits aid in compliance with the 2006 CISPI Handbook, they are not intended to suggest that no-hub pipe and fittings should be subjected to excess of the pipe manufacturers' recommendation.

NOTE: The diagonal strap can be routed under the center stainless steel band.

Product Information:

- Material:
 - Strap: 24GA, CRS, galvanized
 - Bands: Stainless steel body, band & screw
- Torque: 60 in/lbs. minimum on band
- Patent pending
- Thrust force restraint test data available upon request
- Refer to installation instructions at www.holdrite.com

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

