



## **HoldRite® COMMERCIAL PIPE & EQUIPMENT SUPPORTS SUBMITTALS**

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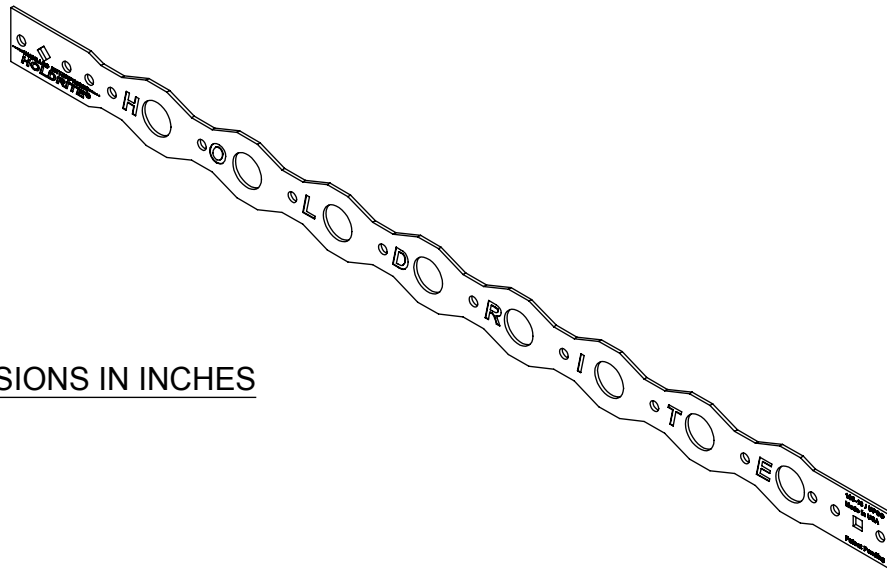
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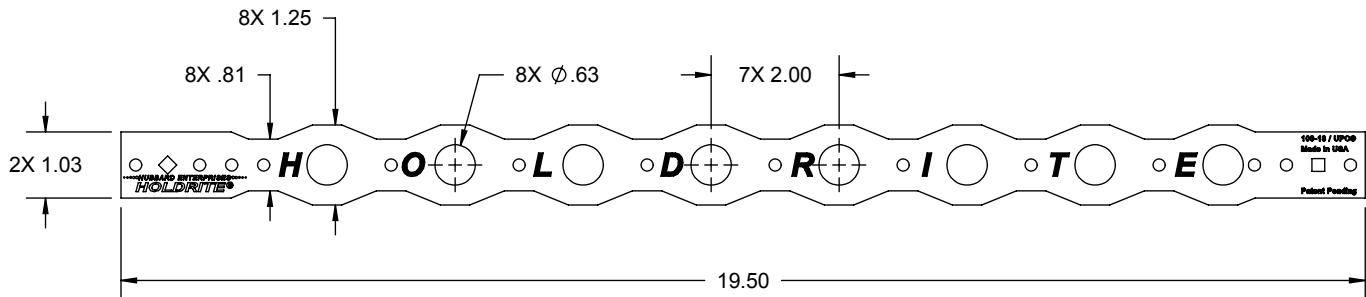
# PRODUCT SPECIFICATION DRAWING

## HOLDRITE® #100-18

Supports copper water supplies for  
sinks, water closets and other fixtures



ALL DIMENSIONS IN INCHES



The HOLDRITE #100-18 is a Copper-Bonded™ steel bracket with 5/8" holes on 2" centers to support 1/2" copper tubing. The #100-18 positions copper water supplies for sinks, water closets, and other fixtures. When soldering, heat the pipe, not the bracket.

### Product Information:

- Material: 16 gage CRS, Copper-Bonded™
- Load rating: 25 pounds
- UPC / IPC / IAPMO listed



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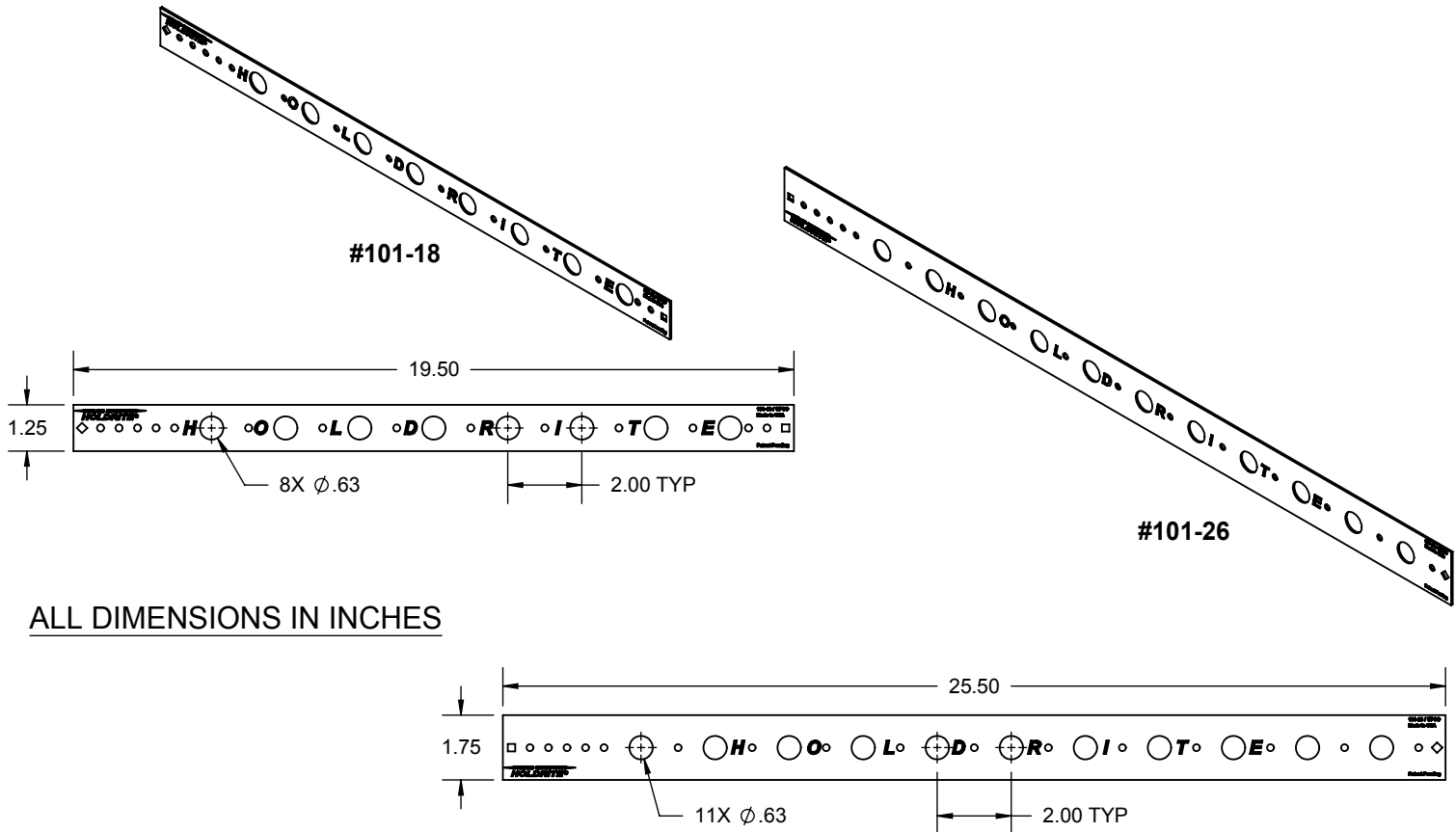
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Part Number:	Qty:
Architect / Owner:	
Contractor:	
Notes:	



# PRODUCT SPECIFICATION DRAWING

## HOLDRITE® #101-18 & #101-26

Supports copper water supplies for  
sinks, water closets and other fixtures



ALL DIMENSIONS IN INCHES

The HOLDRITE #101-18 & #101-26 is a Copper-Bonded™ steel brackets with 5/8" holes on 2" centers to support 1/2" copper tubing. The #101-18 & #101-26 position copper water supplies for sinks, water closets, and other fixtures. When soldering, heat the pipe, not the bracket.

### Product Information:

- Material: 16 gage CRS, Copper-Bonded™
- Load rating: 25 pounds
- UPC / IPC / IAPMO listed



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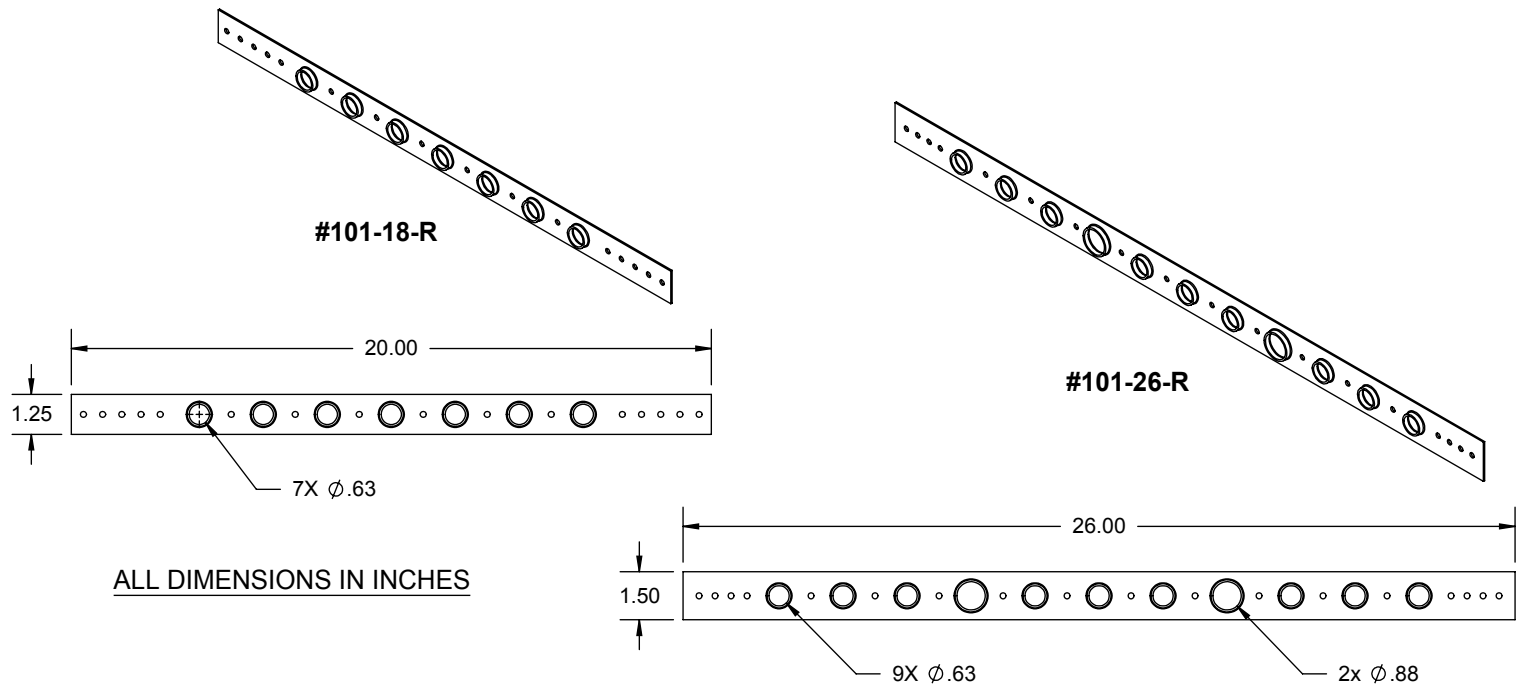
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Product Submittal	
Job Name:	
Date:	
Part Number:	Qty:
Architect / Owner:	
Contractor:	
Notes:	

# PRODUCT SPECIFICATION DRAWING

## HOLDRITE® #101-18-R & #101-26-R

Supports copper water supplies for  
sinks, water closets and other fixtures



The HOLDRITE #101-18-R and #101-26-R are Copper-Bonded™ steel brackets with extruded holes. The #101-18-R has 5/8" holes on 2" centers. The #101-26-R has 5/8" holes on 2" centers and 2 - 7/8" holes on 8" centers. Each to support 1/2" or 3/4" copper tubing. The #101-18-R and #101-26-R position copper water supplies for sinks, water closets, and other fixtures. When soldering, heat the pipe, not the bracket.

### Product Information:

- Material: 16 gage CRS, Copper-Bonded™
- Load rating: 25 pounds
- UPC / IPC / IAPMO listed



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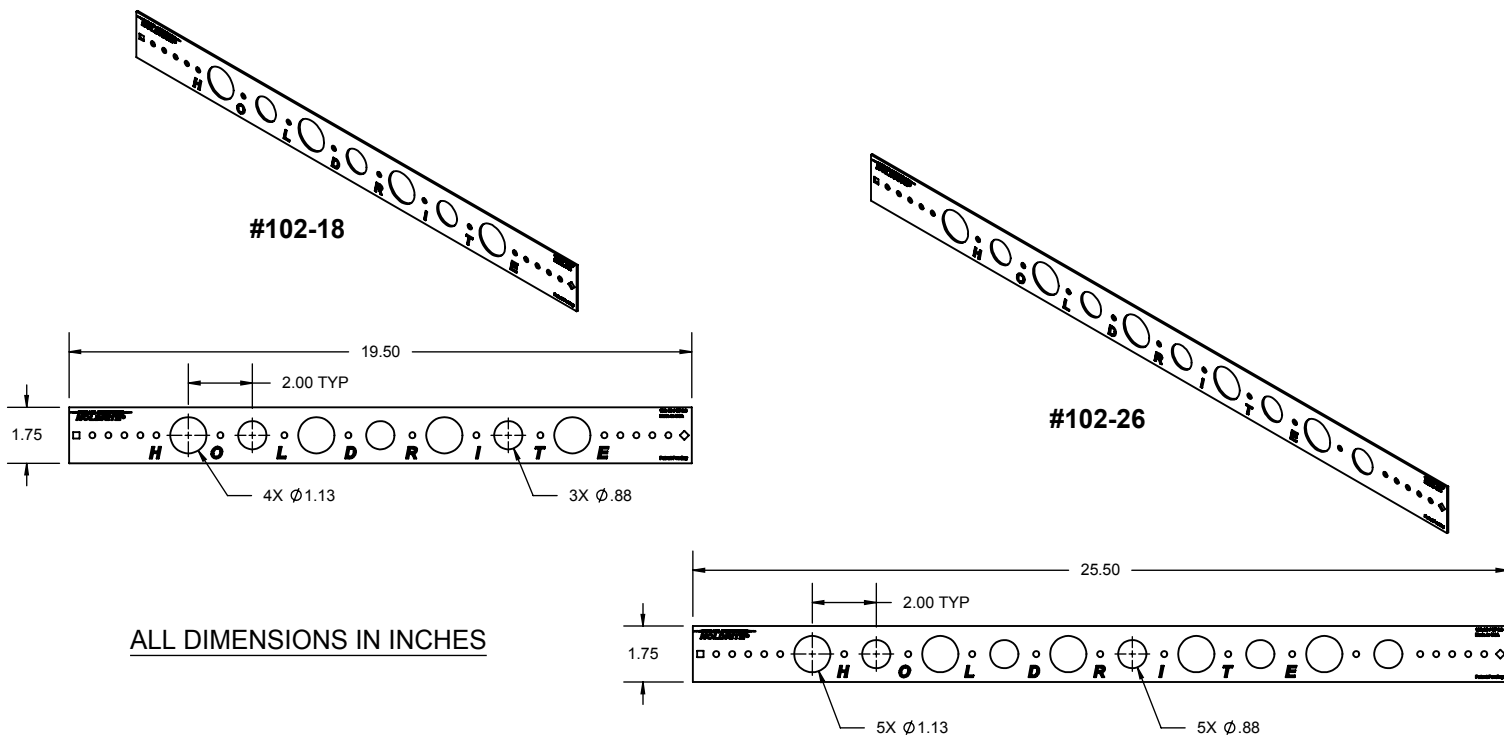
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Product Submittal	
Job Name:	
Date:	
Part Number:	Qty:
Architect / Owner:	
Contractor:	
Notes:	

# PRODUCT SPECIFICATION DRAWING

## HOLDRITE® #102-18 & #102-26



The HOLDRITE #102-18 and #102-26 are Copper-Bonded™ steel brackets with holes to support 3/4" and 1" copper tubing. Used to support stub-outs for hot water tanks, urinals and other fixtures. When soldering, heat the pipe, not the bracket.

### Product Information:

- Material: 16 gage CRS, Copper-Bonded™
- Load rating: 25 pounds
- UPC / IPC / IAPMO listed



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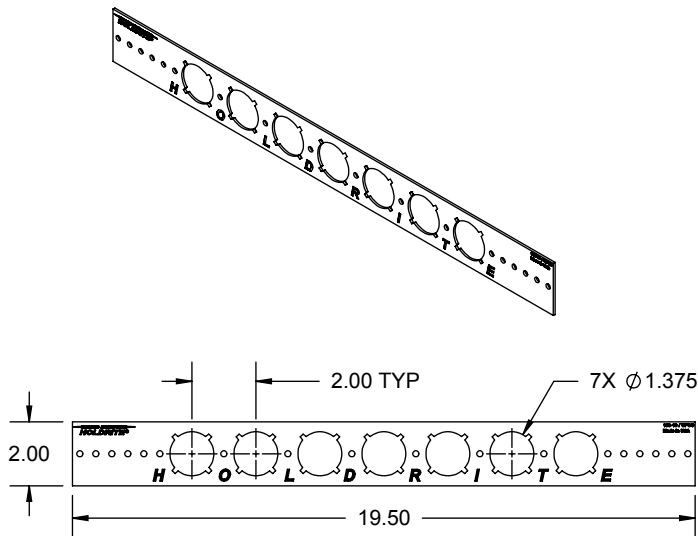
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Product Submittal	
Job Name:	
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Part Number:	Qty:
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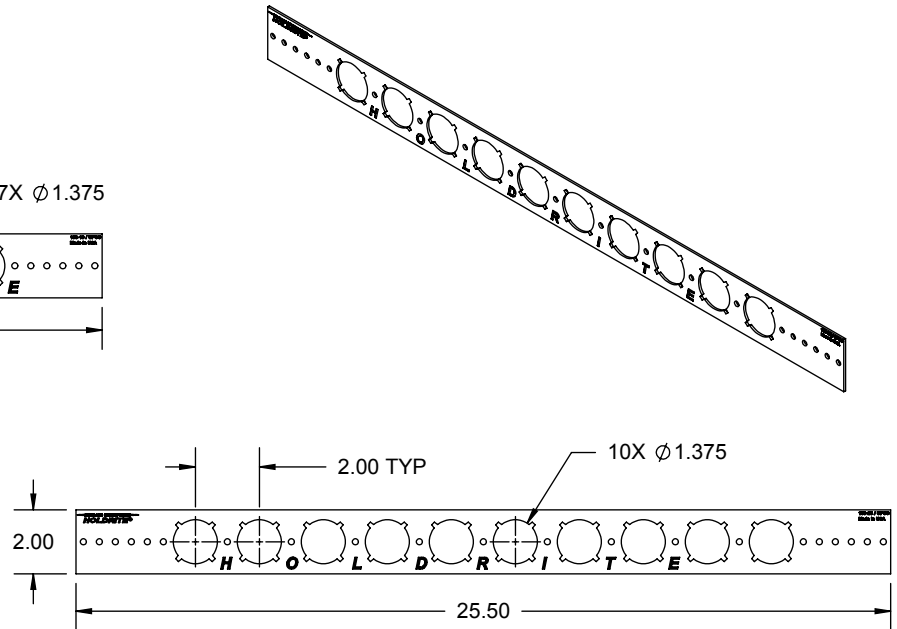
# PRODUCT SPECIFICATION DRAWING

## HOLDRITE® #103-18 & #103-26



**#103-18**

ALL DIMENSIONS IN INCHES



**#103-26**

The HOLDRITE® #103-18 and #103-26 is a 14 gage galvanized steel bracket with 1-3/8" keyed holes on 2" centers. Positions 1/2", 3/4" or 1" Copper or CPVC tubing and 3/8" or 1/2" PEX. This versatile bracket should be used with HOLDRITE® inserts.

### Product Information:

- Material: 14 gage CRS, galvanized
- Load rating: 25 pounds
- Positions 1/2", 3/4" or 1" Copper or CPVC tubing and 3/8" or 1/2" PEX
- UPC / IPC / IAPMO listed



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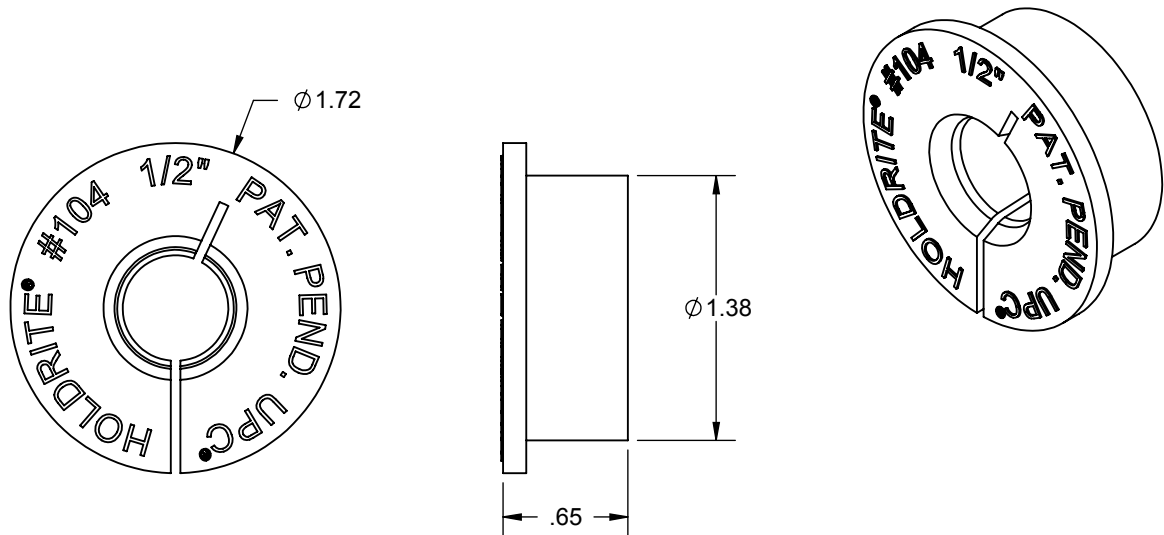
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spec\_103-18\_-26\_RevE

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

# PRODUCT SPECIFICATION DRAWING

## HOLDRITE® #104 INSERT



ALL DIMENSIONS IN INCHES

The HOLDRITE #104 insert is designed to work with HOLDRITE #103, #121, #709 and #125 series brackets. For Copper, PEX and CPVC tube.

### Product Information:

- Material: Polyethylene, purple
- Temperature range: -10°F to +150°F
- UPC / IPC / IAPMO listed



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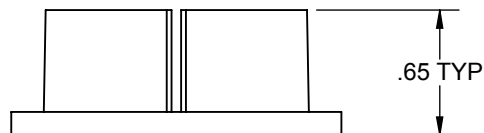
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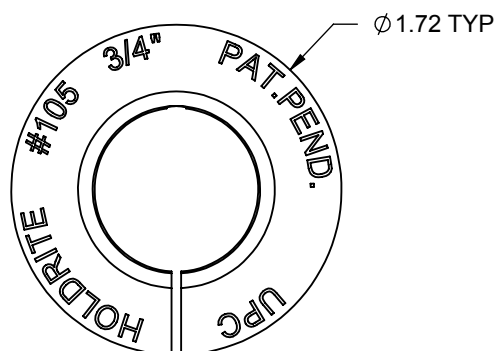
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# PRODUCT SPECIFICATION DRAWING

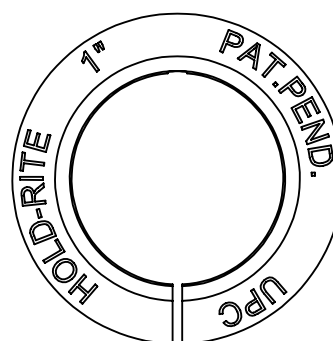
## HOLDRITE® #105 & 106 INSERTS



ALL DIMENSIONS IN INCHES



**#105 (3/4" CTS)**



**#106 (1" CTS)**

The HOLDRITE #105 and #106 inserts are designed to work with HOLDRITE #103, #121, #709 and #125 series brackets. For Copper, PEX and CPVC tube.

### Product Information:

- Material: Polyethylene, purple
- Temperature range: -10°F to +150°F
- UPC / IPC / IAPMO listed



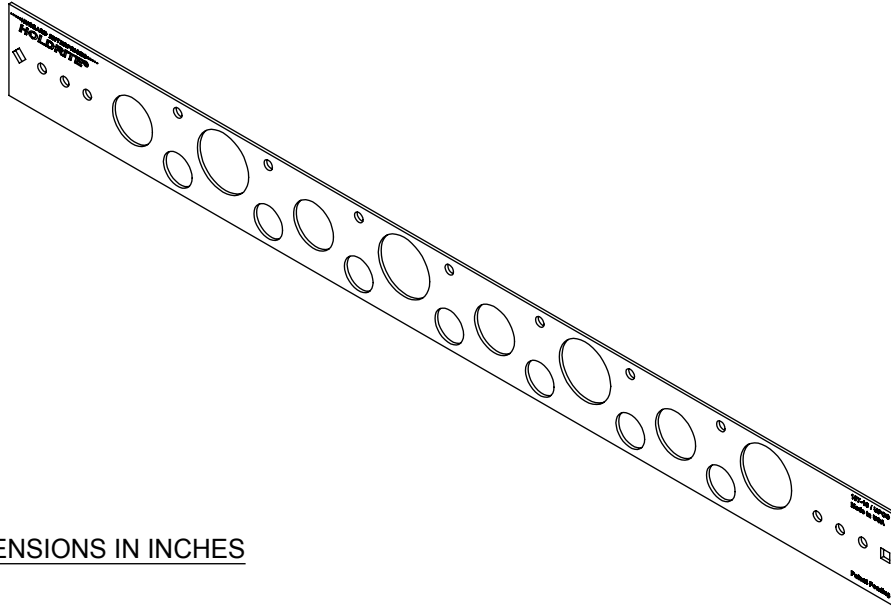
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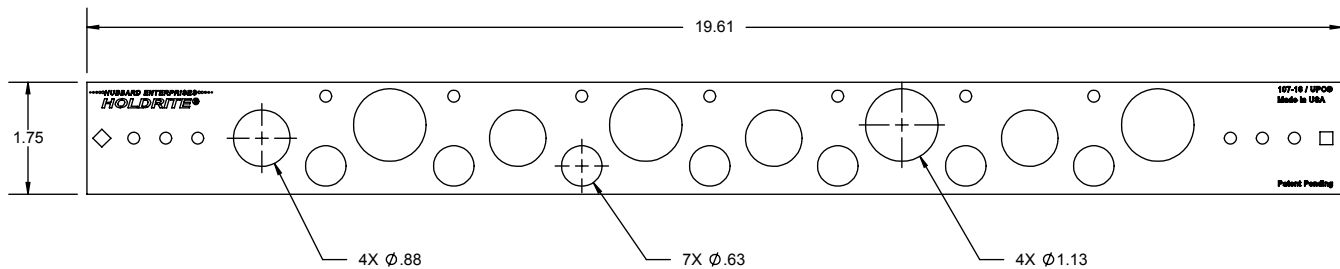
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 spec\_105\_106\_RevD

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

# PRODUCT SPECIFICATION DRAWING HOLDRITE® #107-18 BRACKET



ALL DIMENSIONS IN INCHES



The HOLDRITE #107-18 is a Copper-Bonded™ steel bracket with holes on 2" centers to position 1/2" copper tubing and holes on 4" centers to position 3/4" and 1" copper tubing.

## Product Information:

- Material: 16 gage CRS, Copper-Bonded™
- Load rating: 25 pounds
- UPC / IPC / IAPMO listed



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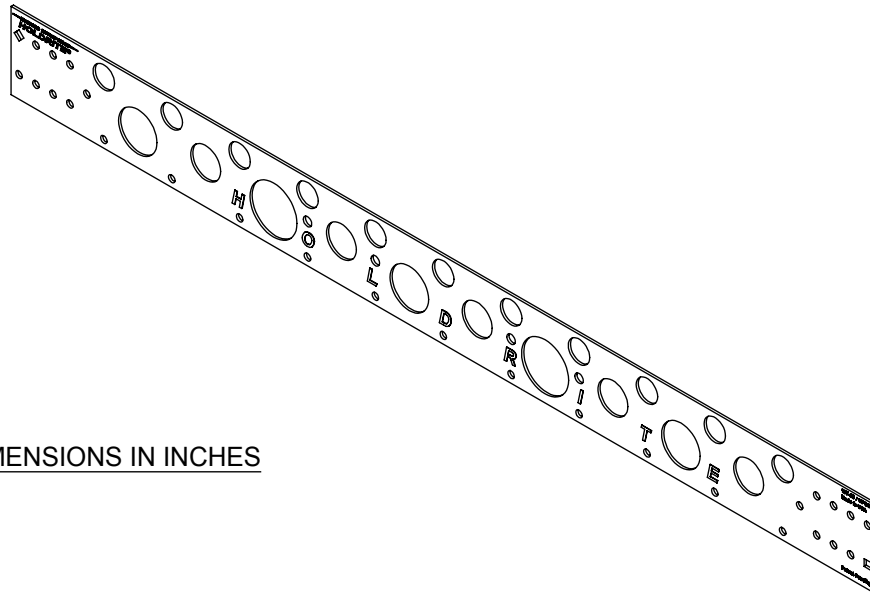
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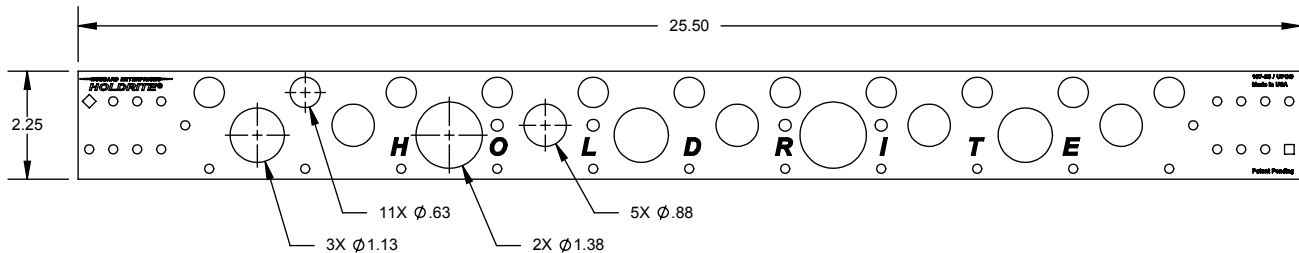
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Product Submittal	
Job Name:	
Date:	
Part Number:	Qty:
Architect / Owner:	
Contractor:	
Notes:	

# PRODUCT SPECIFICATION DRAWING HOLDRITE® #107-26 BRACKET



ALL DIMENSIONS IN INCHES



The HOLDRITE #107-26 is a Copper-Bonded™ steel bracket with holes for 1/2" tubings on 2" centers, holes for 3/4" tubings on 4" centers, holes for 1" tubings on 8" centers, and holes for 1-1/4" tubings on 8" centers.

## Product Information:

- Material: 16 gage CRS, Copper-Bonded™
- Load rating: 25 pounds
- UPC / IPC / IAPMO Listed



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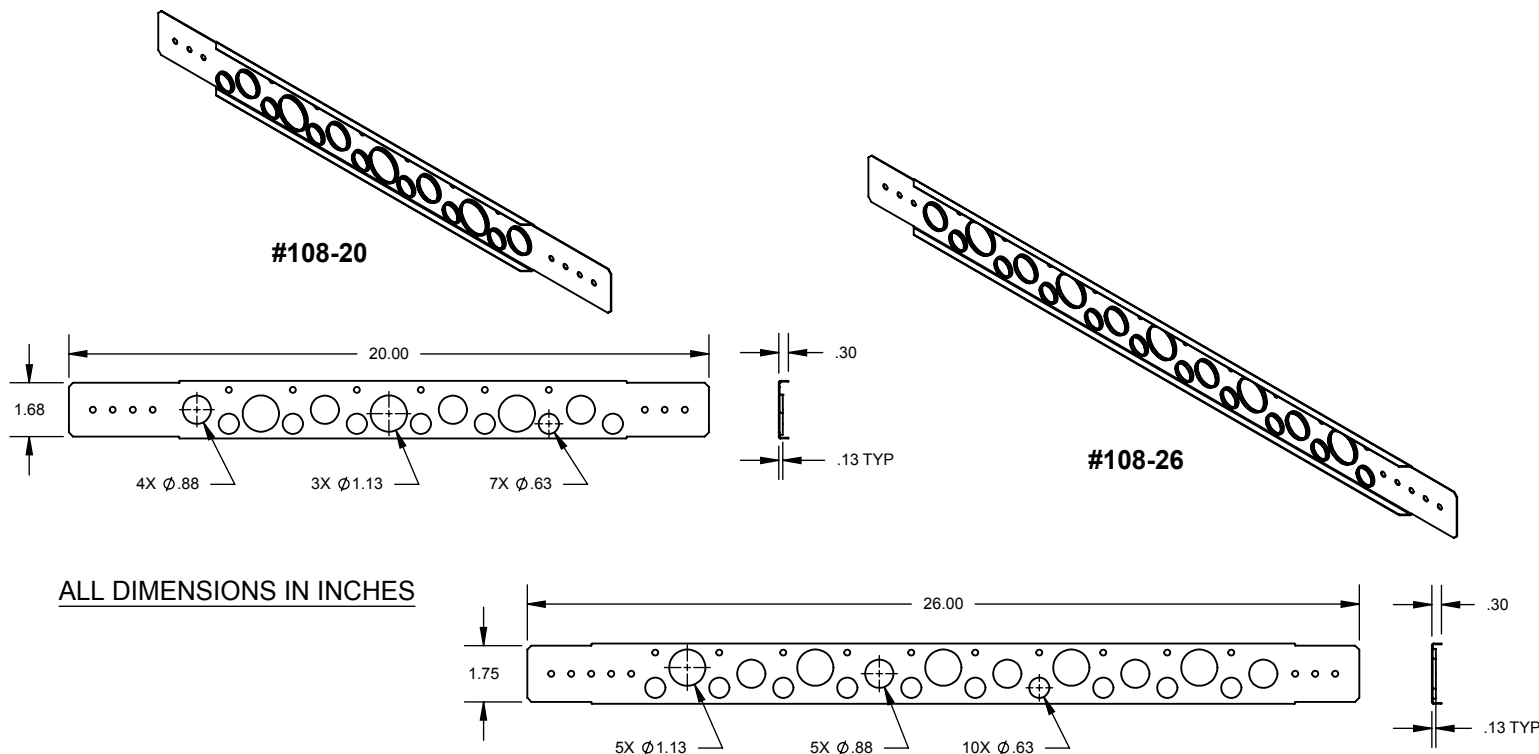
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Product Submittal	
Job Name:	
Date:	
Part Number:	Qty:
Architect / Owner:	
Contractor:	
Notes:	



# PRODUCT SPECIFICATION DRAWING

## HOLDRITE® #108-20 & #108-26



The HOLDRITE #108-20 and #108-26 are Copper-Bonded™ steel brackets with holes for 1/2" pipes on 2" centers, holes for 3/4" and 1" pipes on 4" centers. Featuring a rolled-edge for added strength, and extruded holes for easier soldering. The #108-20 & #108-26 are designed to positions copper water supplies for urinals, lavatories and other fixtures. When soldering, heat the pipe, not the bracket.

### Product Information:

- Material: 24 gage CRS, Copper-Bonded™
- Load rating: 25 pounds
- UPC / IPC / IAPMO listed



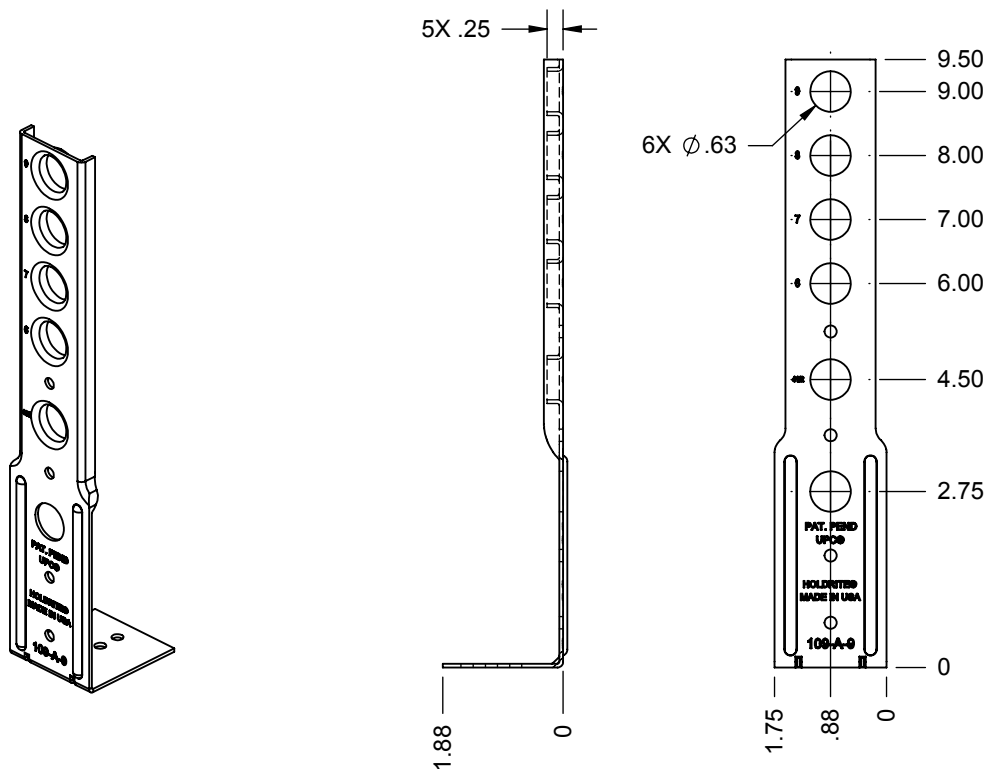
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Date:	
Part Number:	Qty:
Architect / Owner:	
Contractor:	
Notes:	

# PRODUCT SPECIFICATION DRAWING HOLDRITE® #109-A-9 BRACKET



ALL DIMENSIONS IN INCHES

**Positions and secures water closet supply above floor. Copper-Bonded™ heavy duty 16 gage reinforced bracket with horizontal mounting base and fastener holes. Mounts to top or face of base plate/mud sill, or under plate directly to floor. Positions and solders 1/2" CTS copper at heights up to 9". Features vertical pattern of 6 pipe holes (5 extruded): 4 on 1" centers from 6" to 9" high, plus holes at 4-1/2" and 2-3/4". Works with single or double floor plate. When soldering, heat the pipe, not the bracket.**

## Product Information:

- Material: 16 gage CRS per ASTM-A1008, Copper-Bonded™
- Patent pending
- UPC / IPC / IAPMO listed



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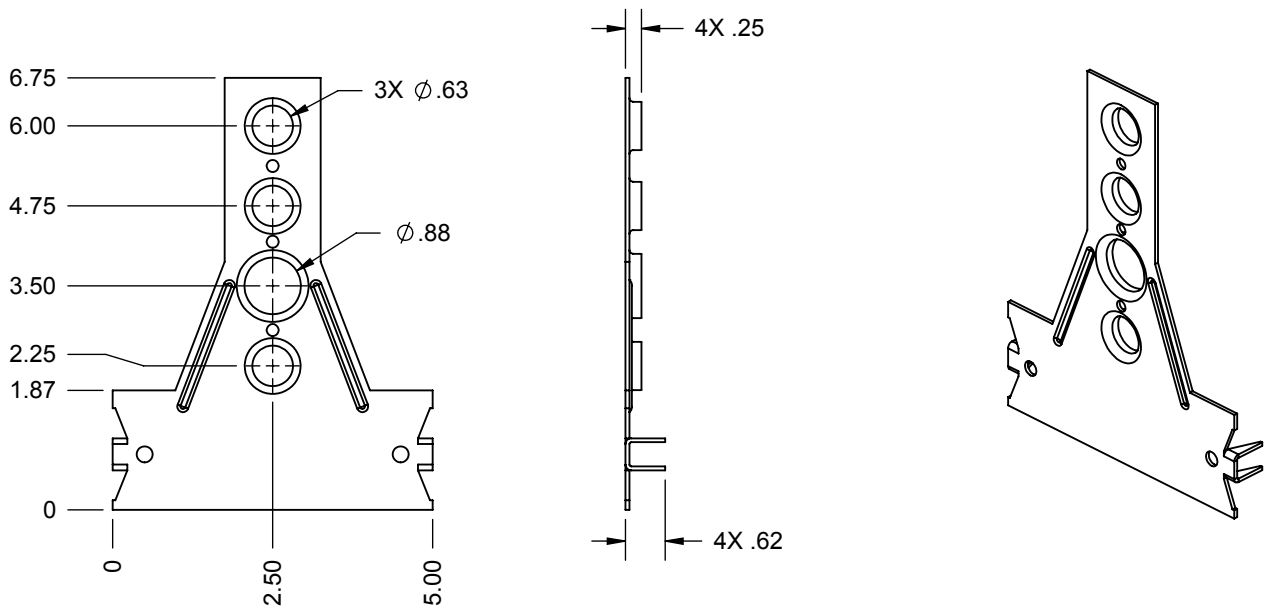
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Part Number:	Qty:
Architect / Owner:	
Contractor:	
Notes:	

# PRODUCT SPECIFICATION DRAWING

## HOLDRITE® #109-N-6 BRACKET



ALL DIMENSIONS IN INCHES

The HOLDRITE #109-N-6 is a Copper-Bonded™ steel bracket made to position 1/2" or 3/4" copper tube. Specifically designed to mount 1/2" stub-outs exactly 6" from the floor, with additional 5/8" holes at 2-1/4" and 4-3/4". There is a single 7/8" hole at the height of 3-1/2" for a hose bib, etc. This bracket also functions as a nail plate.

### Product Information:

- Material: 16 gage CRS, Copper-Bonded™
- Patent pending
- UPC / IPC / IAPMO listed



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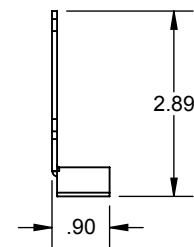
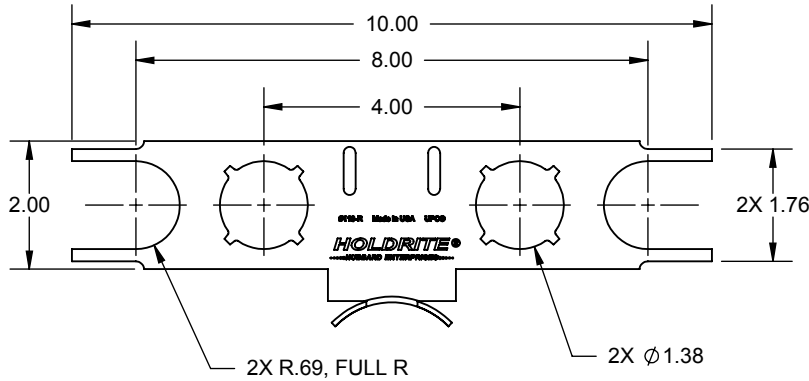
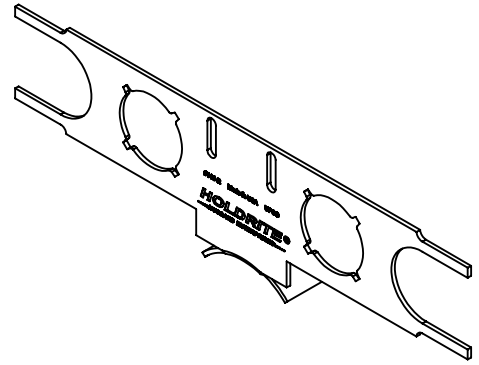
Product Submittal	
Job Name:	
Date:	
Part Number:	Qty:
Architect / Owner:	
Contractor:	
Notes:	

# PRODUCT SPECIFICATION DRAWING

## PEXRITE® #110-R



4" Stainless Steel Band



ALL DIMENSIONS IN INCHES

The PEXRITE® #110-R is a 14 gage galvanized steel bracket designed to support sinks and lavatory stub-outs. Ideal for inland sink fixtures or prefab. Provides the ability to complete rough-in prior to wall framing. Also excellent for acoustical situations. Use with various HOLDRITE pipe isolators and inserts, including the PEXRITE® #701 Clamp and #704 Insert. Allows support for 1/2", 3/4" or 1" piping. Packaged with a self-locking 4" stainless steel band, and isolation felt. Mounts to vertical or horizontal piping.

### Product Information:

- Material: 14 gage CRS, galvanized
- Load rating: 25 pounds
- UPC / IPC / IAPMO listed



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# HOLDRITE®

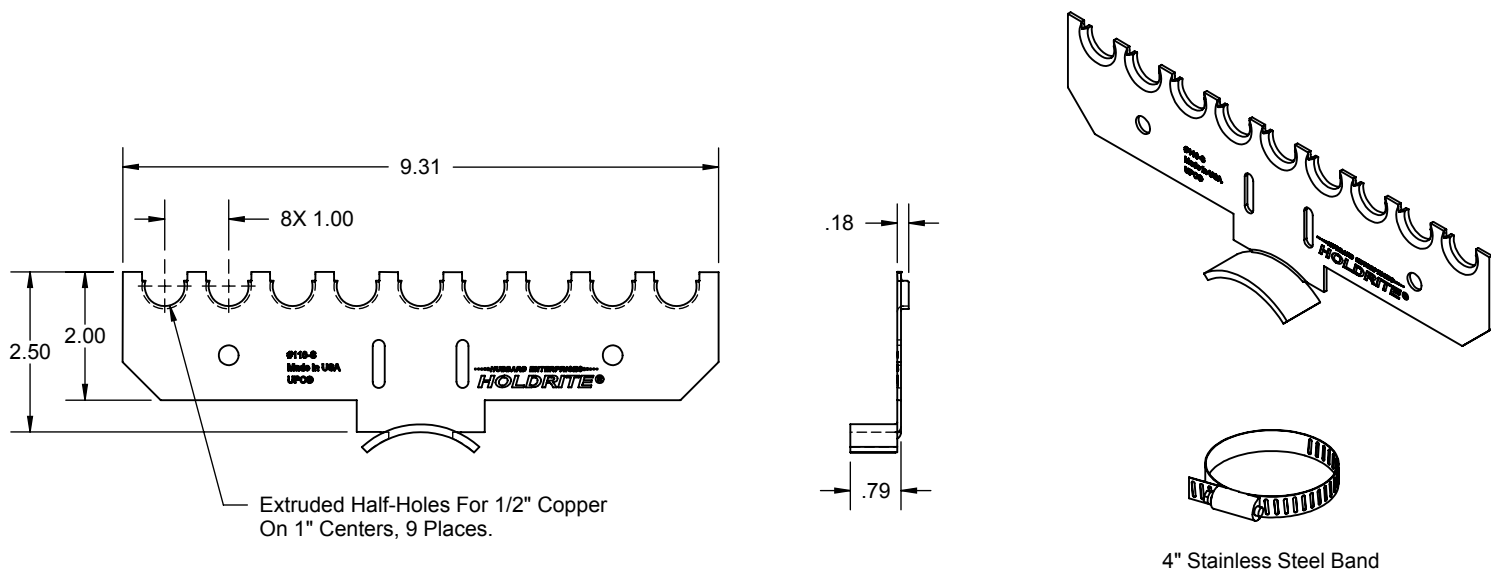
CONVERTING MAKESHIFT METHODS INTO ENGINEERED SOLUTIONS<sup>SM</sup>  
800-321-0316 OR 760-744-6944 / FAX: 760-744-0507 / WWW.HOLDRITE.COM  
spec\_110-R\_RevG

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

# PRODUCT SPECIFICATION DRAWING

## HOLDRITE® #110-S-1/2

Supports copper water lines for lavs  
or sinks off of the vent or trap arm



ALL DIMENSIONS IN INCHES

The HOLDRITE #110-S-1/2 is Copper-Bonded™ and available with 1/2" notches on 1" centers. This bracket mounts directly to a horizontal or vertical pipe, and is designed to position water supplies for lavatories, and other fixtures. Packaged with a self-locking 4" stainless steel band and self-adhesive isolation felt; solder the pipes directly to the #110-S to set 4", 6" and 8" centers. Heat the pipe, not the bracket.

### Product Information:

- Material: 16 gage CRS, Copper-Bonded™
- Load rating: 25 pounds
- UPC / IPC / IAPMO listed



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# HOLDRITE®

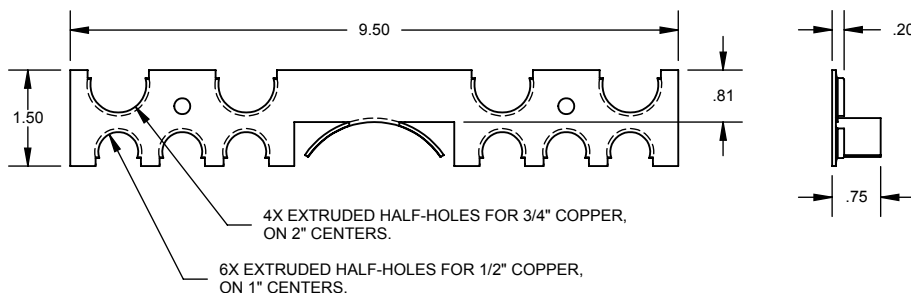
CONVERTING MAKESHIFT METHODS INTO ENGINEERED SOLUTIONS<sup>SM</sup>  
800-321-0316 OR 760-744-6944 / FAX: 760-744-0507 / WWW.HOLDRITE.COM  
spec\_110-S-1/2\_RevF

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

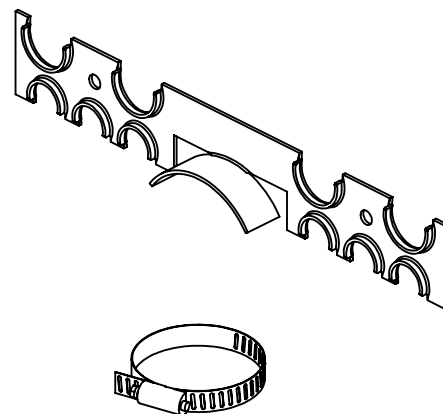
# PRODUCT SPECIFICATION DRAWING

## HOLDRITE® #111-S

**Supports copper water lines vertically or horizontally off of adjacent piping**



ALL DIMENSIONS IN INCHES



4" Stainless Steel Band

The HOLDRITE #111-S is Copper-Bonded™ steel and supports both 1/2" and 3/4" pipes. Designed to fit within a 3-1/2" wall. The #111-S positions water supplies for lavatories and other fixtures. Mount the #111-S to the vertical vent or waste pipe with the self-locking 4" stainless steel band using the isolating felt and solder your pipes to the bracket. The 1/2" notches provide 4", 6" or 8" centers, while the 3/4" notches provide 4" or 8" centers. When soldering, heat the pipe, not the bracket.

### Product Information:

- Material: 16 gage CRS, Copper-Bonded™
- Load rating: 25 pounds
- UPC / IPC / IAPMO listed



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# HOLDRITE®

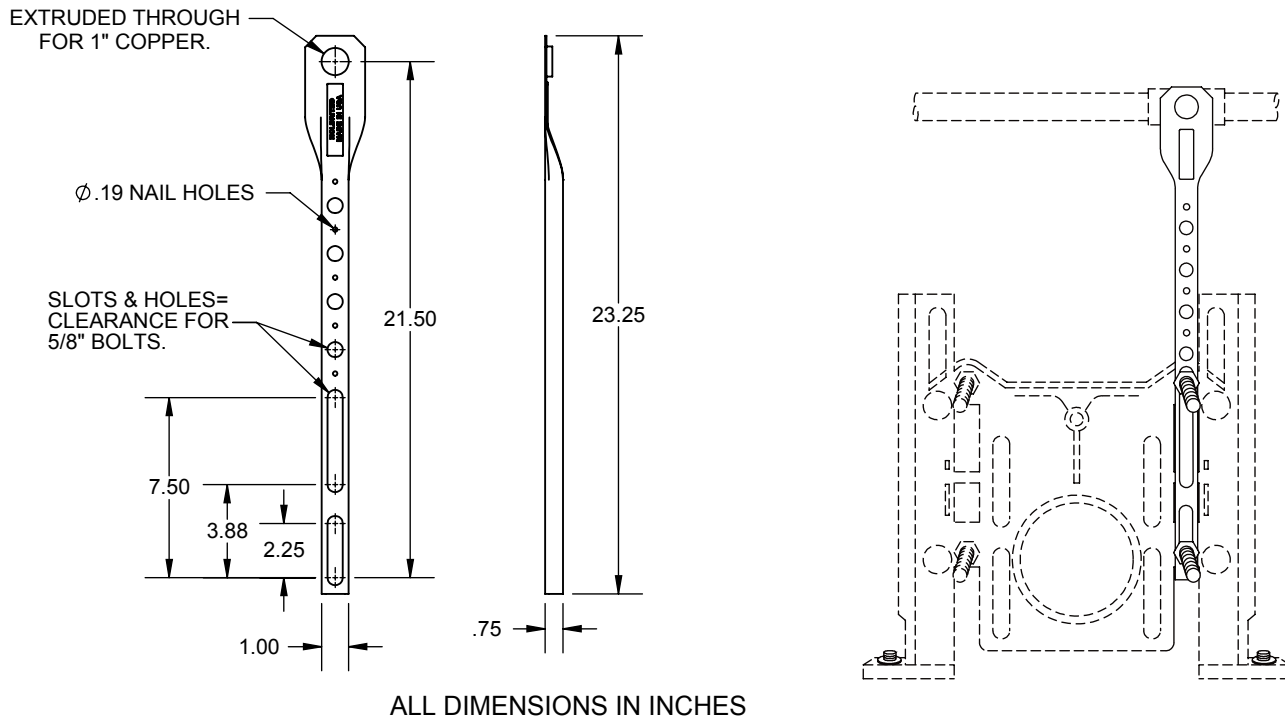
CONVERTING MAKESHIFT METHODS INTO ENGINEERED SOLUTIONS<sup>SM</sup>  
800-321-0316 OR 760-744-6944 / FAX: 760-744-0507 / WWW.HOLDRITE.COM  
spec\_111-S\_RevF

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

# PRODUCT SPECIFICATION DRAWING

## HOLDRITE® #114-C

### Supports flush valves on carriers



The HOLDRITE #114-C is a Copper-Bonded™ steel bracket with two slots for securely mounting upright to the carrier unit. The top end has a single 1-1/8" extruded hole for soldering 1" copper pipe, as well as supporting the water pipe for the flush valve above the floor. Adjust the flush valve 4-1/2" from the carrier center and 14" above the top fixture mounting bolt. This installation typically places the flush valve at 11-1/2" above the fixture. When soldering, heat the pipe, not the bracket.

#### Product Information:

- Material: 16 gage CRS, Copper-Bonded™
- Provides consistent "rough-in" dimensions
- Works with all 4 bolts siphon jet carriers
- Works with current #114-C-EXT brackets
- UPC / IPC / IAPMO listed



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# HOLDRITE®

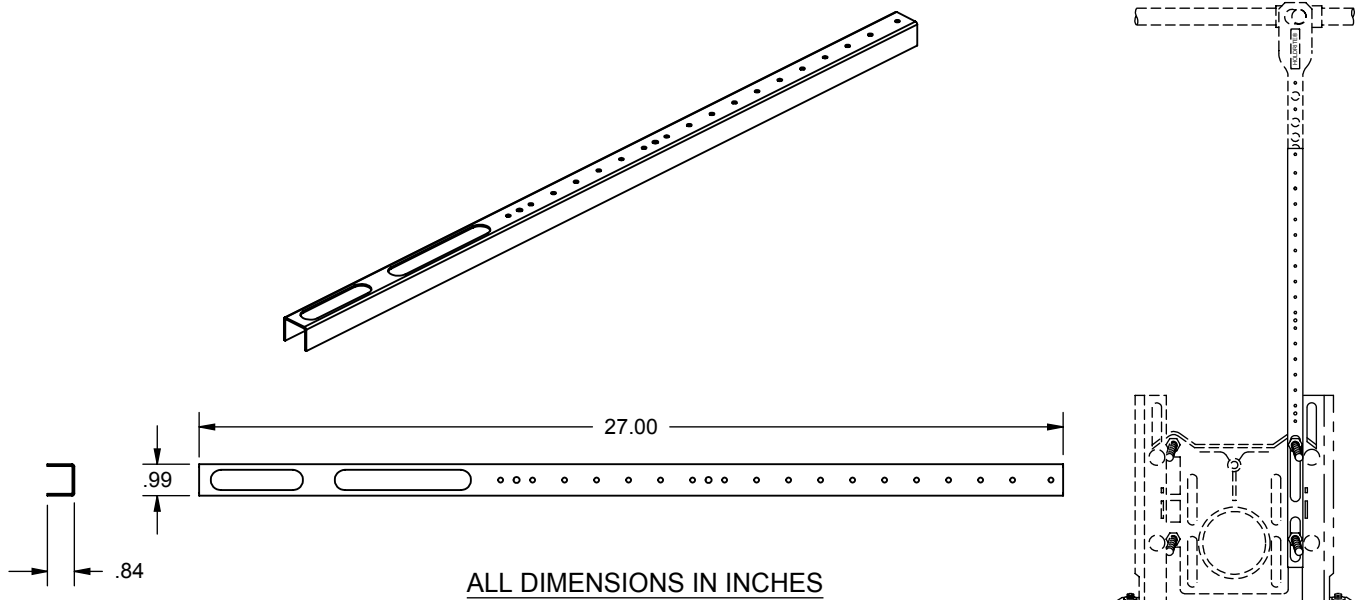
CONVERTING MAKESHIFT METHODS INTO ENGINEERED SOLUTIONS<sup>SM</sup>  
800-321-0316 OR 760-744-6944 / FAX: 760-744-0507 / WWW.HOLDRITE.COM  
spec\_114-C\_RevV

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

# PRODUCT SPECIFICATION DRAWING

## HOLDRITE® #114-C-EXT

### Extends flush valve height on carriers



The HOLDRITE® #114-C-EXT is a Copper-Bonded™ steel bracket used to extend the flushometer rough-in height of the model #114-C, #114-CO and #114-CR an additional 8-1/2" through 24-1/2". The bracket mounts to the water closet carrier. Includes hardware for connection to the #114-C, #114-CO and #114-CR brackets.

#### Product Information:

- Material: 16 gage CRS, Copper-Bonded™
- Load rating: 25 pounds
- Works with all 4 bolt siphon jet carriers
- UPC / IPC / IAPMO listed



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spec\_114-C-EXT\_Rev1

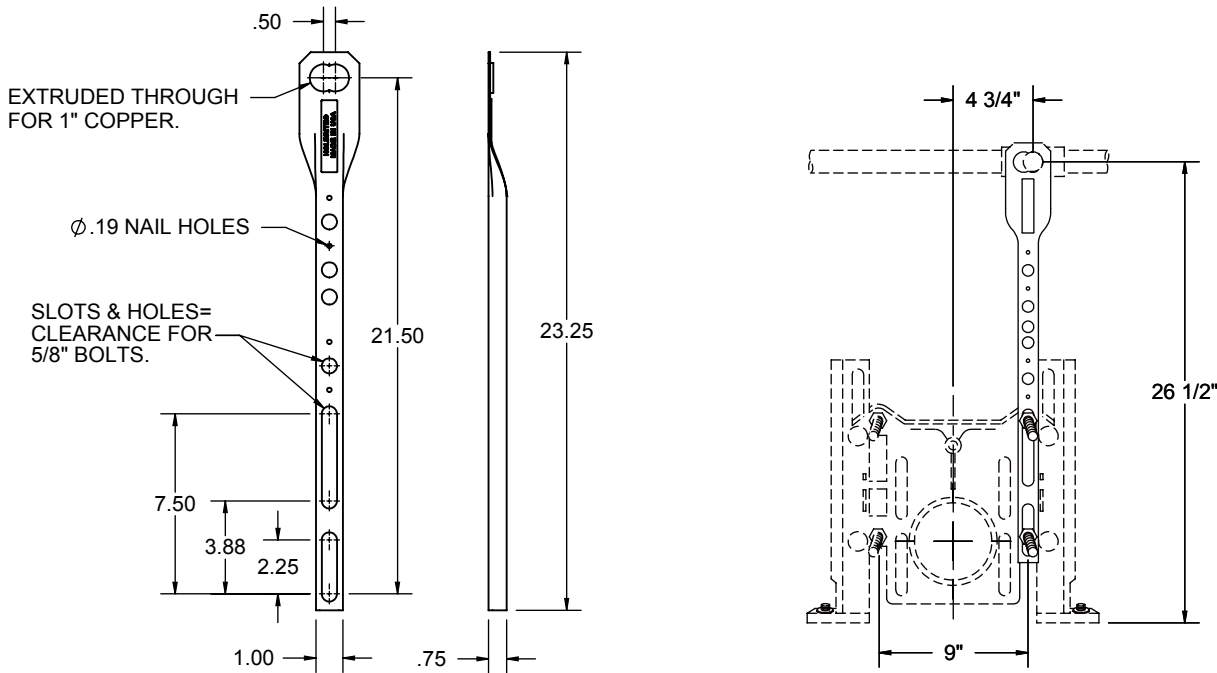
Product Submittal	
Job Name:	
Date:	
Part Number:	Qty:
Architect / Owner:	
Contractor:	
Notes:	



# PRODUCT SPECIFICATION DRAWING

## HOLDRITE® #114-CO

### Supports flush valves on carriers



ALL DIMENSIONS IN INCHES

This heavy-gage Copper-Bonded™ #114-CO offset carrier bracket mounts directly to a 4-bolt siphon jet closet carrier and positions the flush valve at 14" above the top carrier mounting bolt, and offsets it 4-3/4" from the center of the carrier. A patent pending "Figure 8" hole pattern on top provides 1/4" left or right offset for flush valve support providing a single bracket to be used in a left or right hand installation while providing the desired 4-3/4" center line rough-in. This installation typically places the flush valve at 11-1/2" above the fixture. When soldering, heat the pipe, not the bracket.

#### Product Information:

- Material: 16 gage CRS, Copper-Bonded™
- Works with all 4 bolt siphon jet carriers
- Unique flush valve support hole accommodates a 4-3/4" center line rough-in
- Includes 1/2" holes for positioning various trap primers
- Works with current #114-C-EXT brackets
- UPC / IPC / IAPMO listed
- Patent Pending



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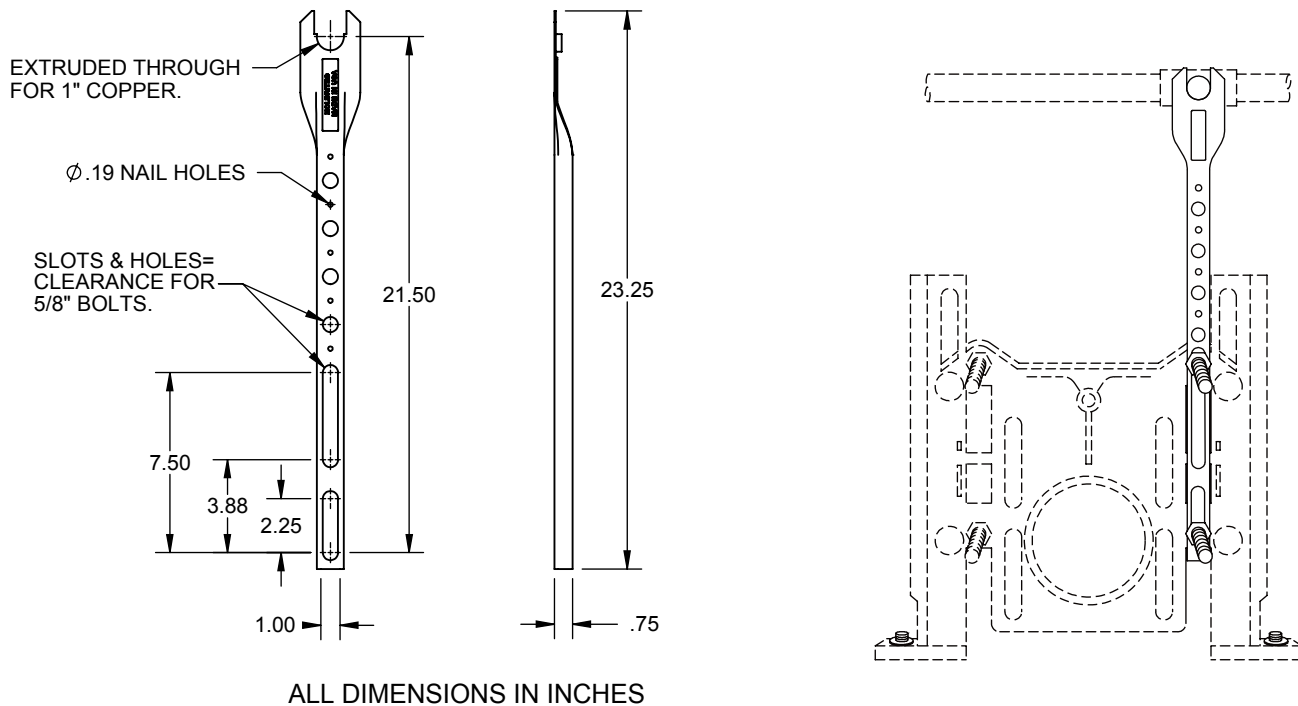
spec\_114-CO\_RevF

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

# PRODUCT SPECIFICATION DRAWING

## HOLDRITE® #114-CR

### Supports flush valves on carriers



The HOLDRITE® #114-CR is a Copper-Bonded™ steel bracket with two slots for securely mounting upright to the carrier unit. The top end has a single 1-1/8" extruded slot for soldering 1" copper flush valve supply line. Secures the flush valve 4-1/2" from the carrier center and 14" above the top carrier mounting bolt. Excellent for pre-fab. Supports flush valve rough-in prior to wall framing. When soldering, heat the pipe, not the bracket.

#### Product Information:

- Material: 16 gage CRS, Copper-Bonded™
- Provides consistent "rough-in" dimensions
- Works with all 4 bolt siphon jet carriers
- Works with current #114-C-EXT bracket
- UPC / IPC / IAPMO listed



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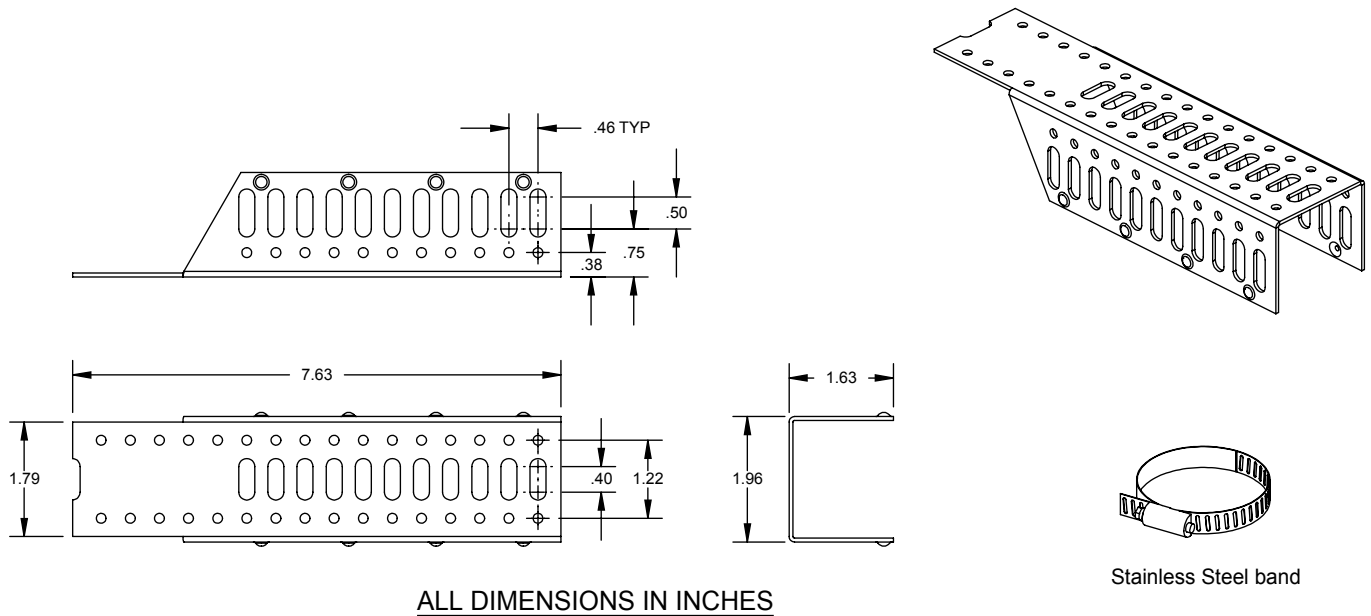
800-321-0316 OR 760-744-6944 / FAX: 760-744-0507 / WWW.HOLDRITE.COM  
spec\_114-CR\_RevL

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

# PRODUCT SPECIFICATION DRAWING

## HOLDRITE® #115 & #115-C

### Supports water line off of vent or waste pipes



The HOLDRITE® #115 and #115-C (Copper-Bonded™) are steel brackets designed to position water supply lines off the vent or waste pipe in chase walls. Supports 1/2" through 2" pipes both vertically and horizontally. Packaged with self-locking stainless steel band, screws, metal clamps, and self-adhesive isolating felt. Excellent for pre-fab applications. Supports piping prior to wall framing. Heat the pipe, not the bracket when soldering the #115-C version.

#### Product Information:

- Material:
  - #115: 16 gage CRS, galvanized
  - #115-C: 16 gage CRS, Copper-Bonded™
- Load rating: 25 pounds
- UPC / IPC / IAPMO listed



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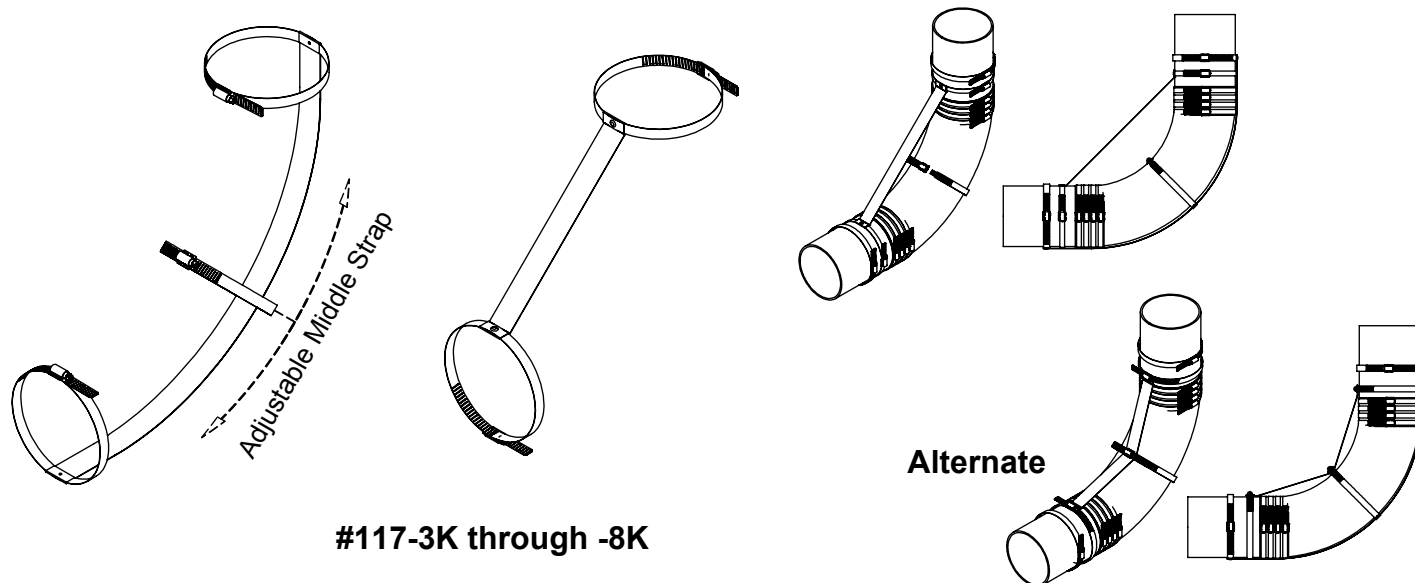
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 800-321-0316 OR 760-744-6944 / FAX: 760-744-0507 / WWW.HOLDRITE.COM  
 spec\_115\_115-C\_RevH

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

# 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:

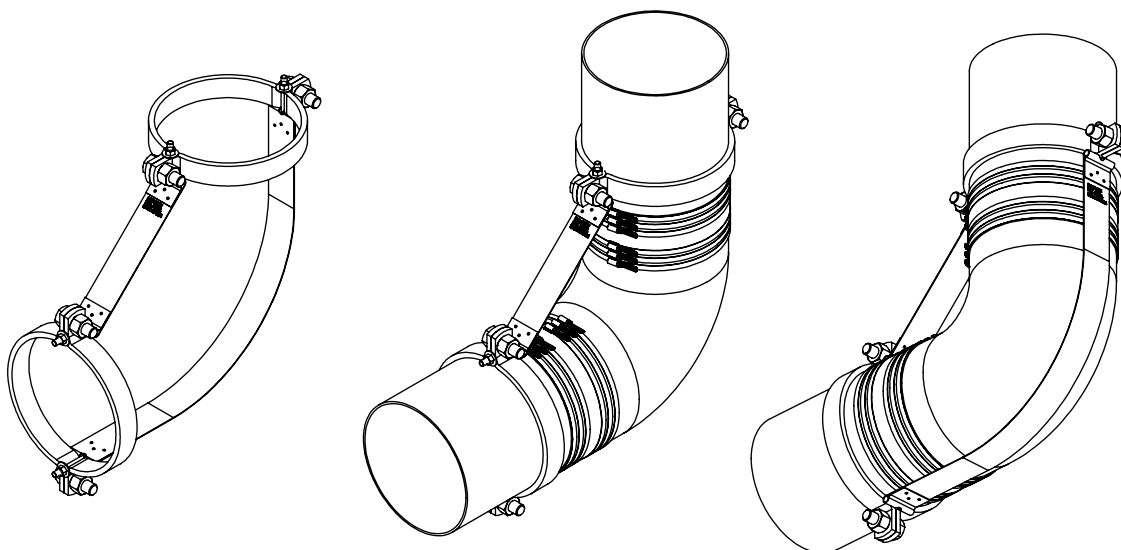
- Material:
  - Strap: 24GA, CRS, galvanized
  - Bands: Stainless steel body, band & screw
- Torque: 60 in/lbs. minimum on band
- Patent pending
- Thrust force restraint test data available upon request
- Refer to installation instructions at [www.holdrite.com](http://www.holdrite.com)



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

# PRODUCT SPECIFICATION DRAWING

## **HOLDRITE® #117-10, -12 & -15 (K or K-G) Series No-Hub Fitting Restraints**



THE HOLDRITE® #117-K Series No-Hub 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 #117-10K (10" size), #117-12K (12" size) & #117-15K (15" size) retain the 90° elbow onto the adjoining piping. When installed correctly, these restraint brackets achieve a safe thrust pressure rating equal to 50' head of water pressure. Models ending in "-G" represent "galvanized". Clamps to be torqued to 60 ft./lbs.

### 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 pressures in excess of the pipe manufacturers' recommendations.

### Product Information:

- Material:
  - Strap: 16GA, CRS, galvanized
  - Clamp: Heavy Duty Black or Galvanized Steel Pipe Clamp
  - Hardware: Standard (K) or Galvanized (K-G)
- Patent pending
- Thrust force restraint test data available upon request
- Refer to installation instructions at [www.holdrite.com](http://www.holdrite.com)

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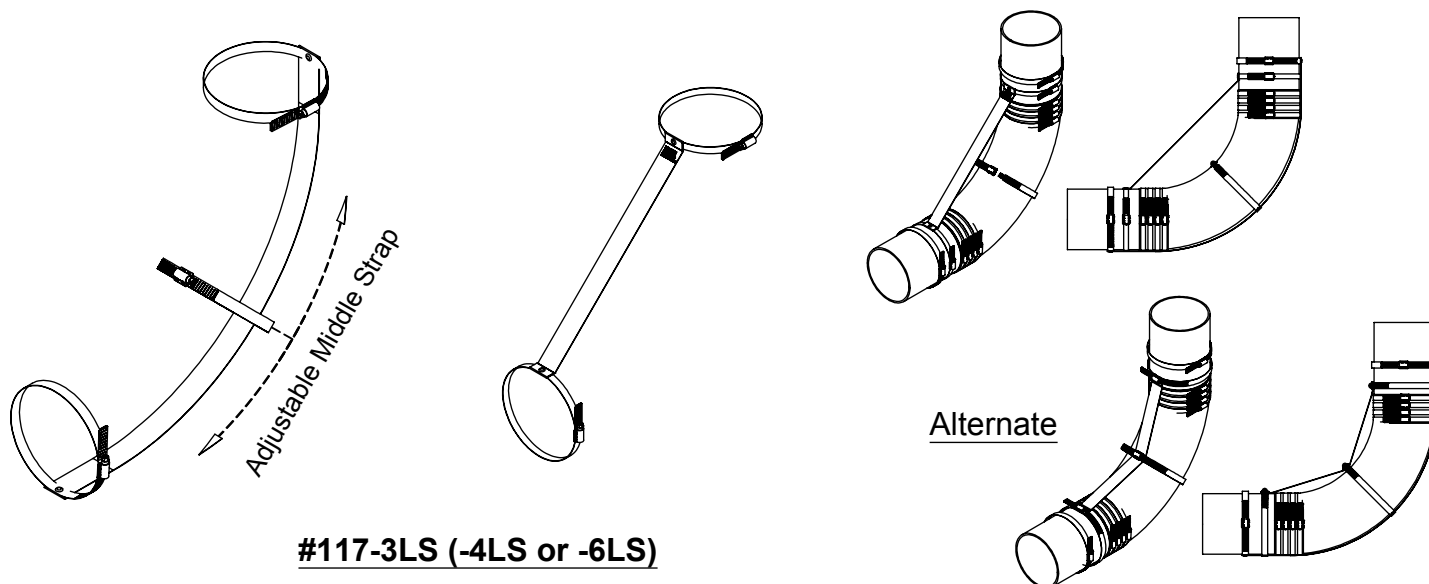
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800-321-0316 OR 760-744-6944 / FAX: 760-744-0507 / [WWW.HOLDRITE.COM](http://WWW.HOLDRITE.COM)  
spec\_117-10, -12, -15 (K or K-G / Std or Galv) RevC

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

# PRODUCT SPECIFICATION DRAWING

## HOLDRITE® #117-3LS, -4LS & -6LS Series No-Hub Fitting Restraints



THE HOLDRITE® #117-LS Series No-Hub Fitting Restraints are designed to reinforce no-hub cast iron installations at 90° (long sweep) 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 #117-3LS (2" & 3" size), #117-4LS (4" size) and #117-6LS (6" size) retain the 90° elbow onto the adjoining piping. All stainless steel bands must be torqued 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](http://www.holdrite.com)

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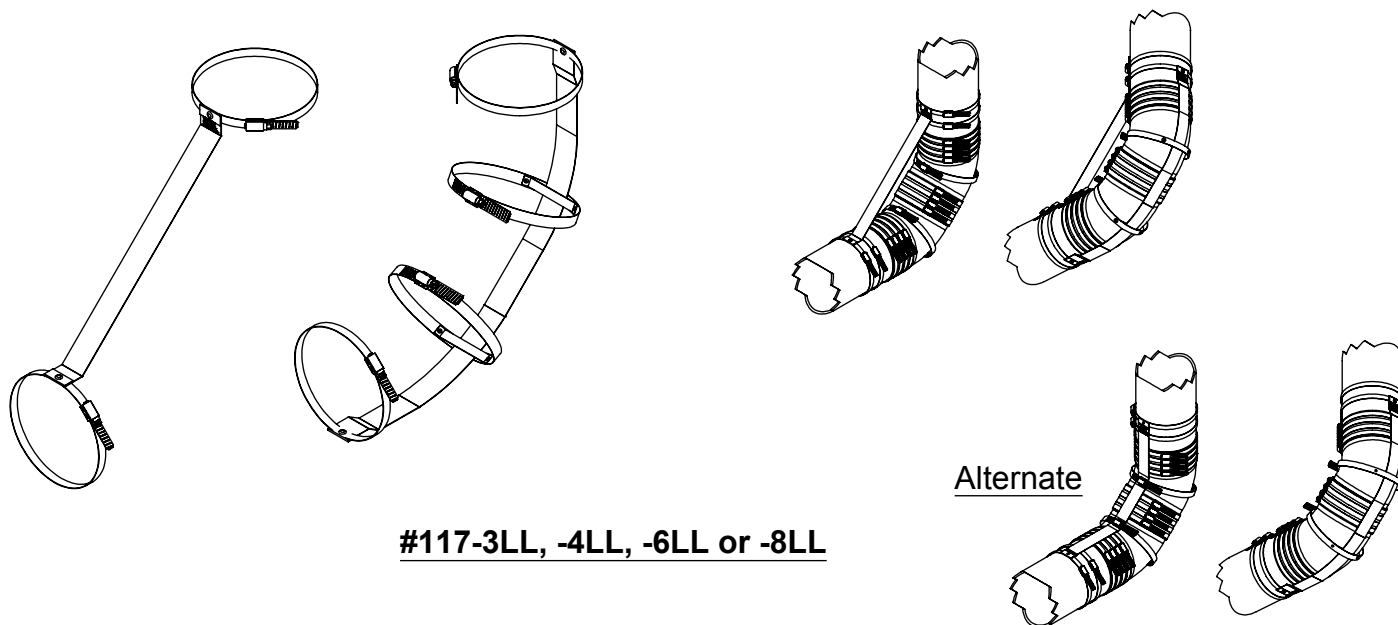
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spec\_117-3LS, -4LS, -6LS, RevA

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

# PRODUCT SPECIFICATION DRAWING

## HOLDRITE® #117-3LL, -4LL, -6LL & -8LL Series No-Hub Fitting Restraints



THE HOLDRITE® #117-LL Series No-Hub Fitting Restraints are designed to reinforce no-hub cast iron installations 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-LL (2" - 8" pipe size) retains two 45° 1/8 bends onto the adjoining piping. All stainless steel bands must be torqued 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 pressures in excess of the pipe manufacturers' recommendations.

### 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](http://www.holdrite.com)

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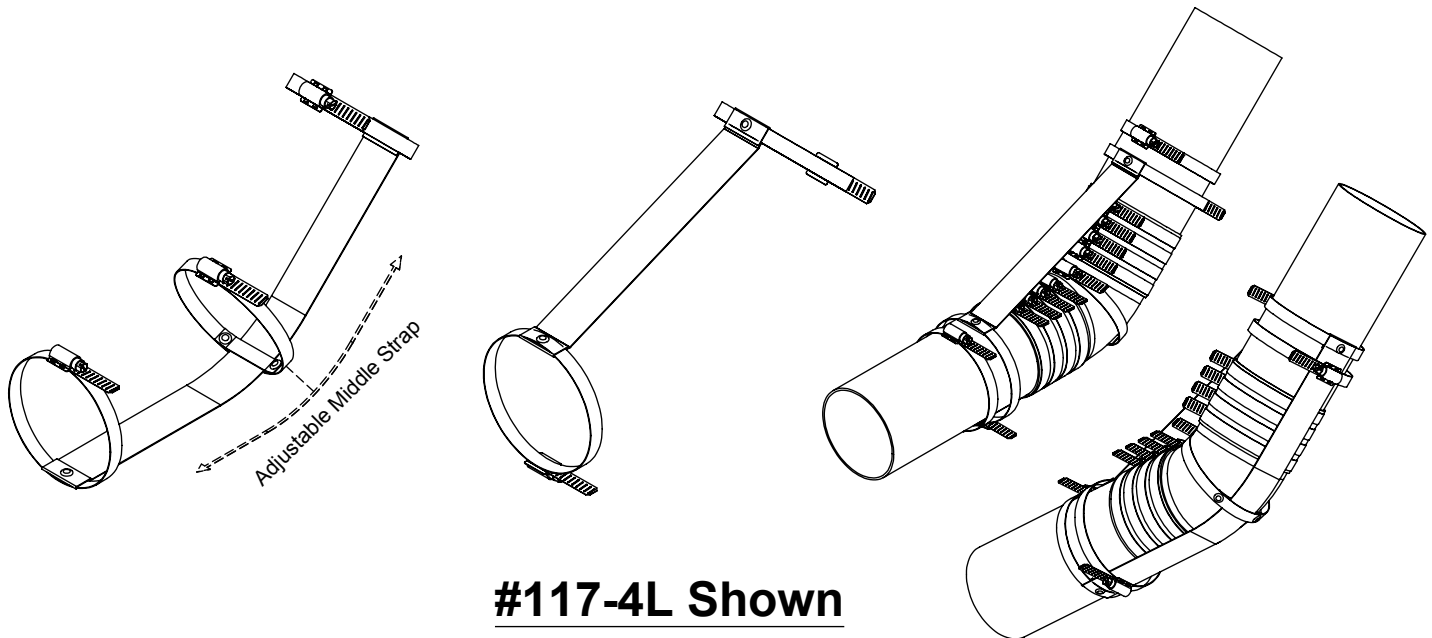


Product Submittal	
Job Name:	
Date:	
Part Number:	Qty:
Architect / Owner:	
Contractor:	
Notes:	



# PRODUCT SPECIFICATION DRAWING

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



THE HOLDRITE® #117-L Series No-Hub Fitting Restraints are designed to reinforce no-hub cast iron installations at 22-1/2°, 45° & 60° 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 #117-3L (2" & 3" size), #117-4L (4" size), #117-5L (5" size), #117-6L (6" size) & #117-8L (8" size) retain the 1/16 bend (22-1/2°), 1/8 bend (45°) or 1/6 bend (60°) elbow onto the adjoining piping. All 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 pressures in excess of the pipe manufacturers' recommendations.

### 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](http://www.holdrite.com)

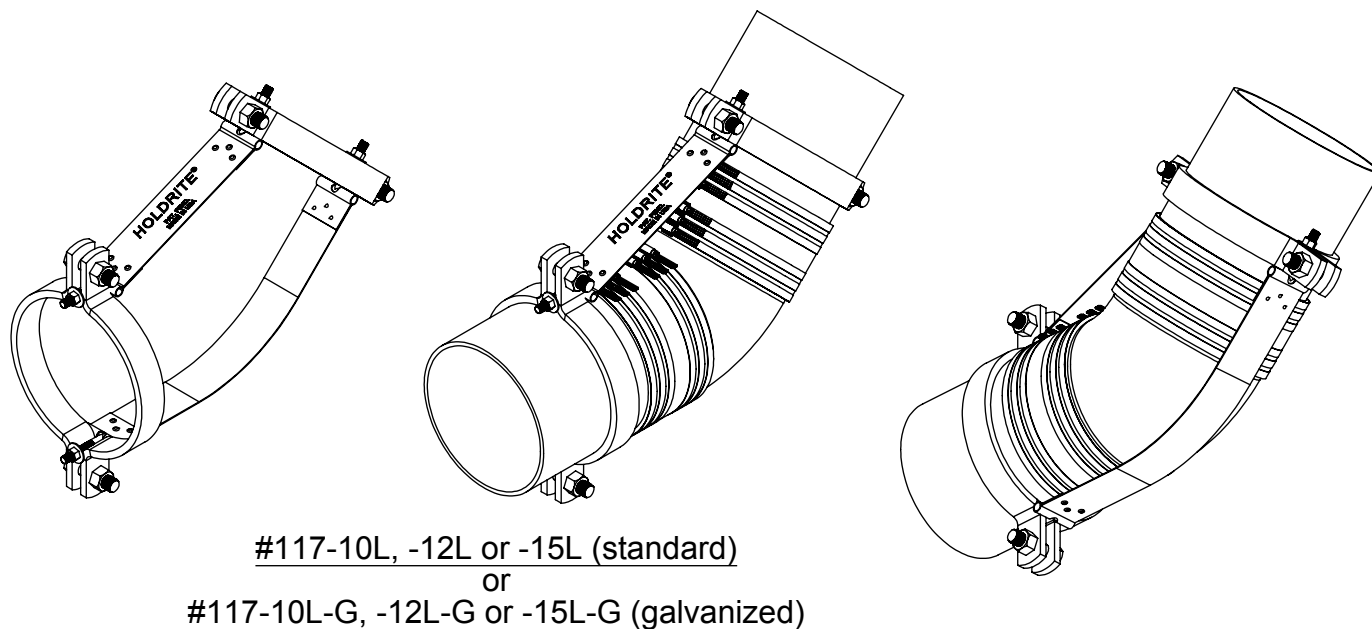


Product Submittal	
Job Name:	
Date:	
Part Number:	Qty:
Architect / Owner:	
Contractor:	
Notes:	



# PRODUCT SPECIFICATION DRAWING

## **HOLDRITE® #117-10, -12 & -15 (L or L-G) Series No-Hub Fitting Restraints**



THE HOLDRITE® #117-L Series No-Hub Restraints are designed to reinforce no-hub cast iron installations at 45° or 22° change 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 #117-10L (10" size), #117-12L (12" size) & #117-15L (15" size) retain the 45° elbow onto the adjoining piping. When installed correctly, these restraint brackets achieve a safe thrust pressure rating equal to 50' head of water pressure. Models ending in "-G" represent "galvanized". Clamps to be torqued to 60 ft./lbs.

### 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 pressures in excess of the pipe manufacturers' recommendations.

### Product Information:

- Material:
  - Strap: 16GA, CRS, galvanized
  - Clamp: Heavy Duty Black or Galvanized Steel Pipe Clamp
  - Hardware: Standard (L) or Galvanized (L-G)
- Patent pending
- Thrust force restraint test data available upon request
- Refer to installation instructions at [www.holdrite.com](http://www.holdrite.com)

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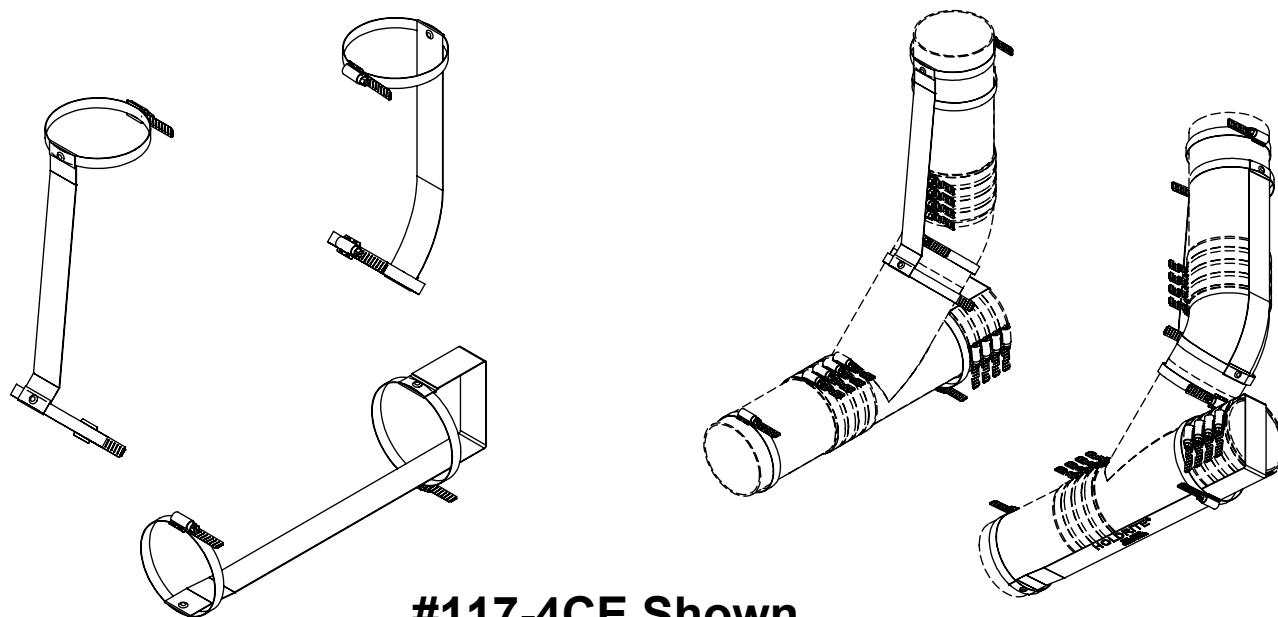
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spec\_117-10, -12, -15 (L or L-G / Std or Galv) RevD

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

# PRODUCT SPECIFICATION DRAWING

## HOLDRITE® #117-4CE, -5CE, -6CE & -8CE Series Retention Strap Kits



### #117-4CE Shown

THE HOLDRITE® #117 Series Retention Strap Kits are designed to reinforce no-hub cast iron installations in accordance with the installation instructions of U.S. cast iron soil pipe manufacturers and the 2006 CISPI Installation Handbook. The #117-4CE (4" size), #117-5CE (5" size), #117-6CE (6" size) & #117-8CE (8" size) retain the Combo onto the adjoining piping when positioned at the end of the line and when either a blind plug or a cleanout is installed. All six 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 pressures in excess of the pipe manufacturers' recommendations.

#### 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

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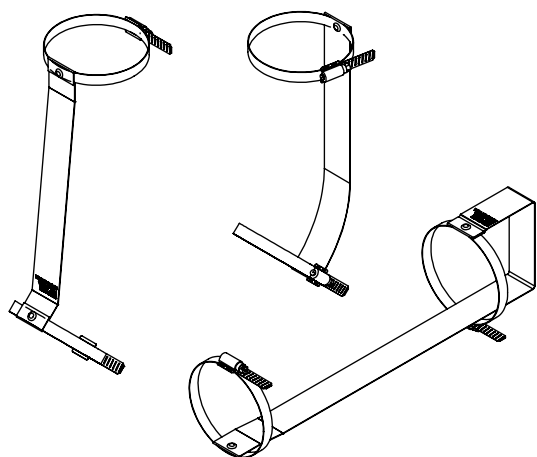
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 800-321-0316 OR 760-744-6944 / FAX: 760-744-0507 / WWW.HOLDRITE.COM  
 spec\_117-4CE\_-5CE\_-6CE\_-8CE\_RevE

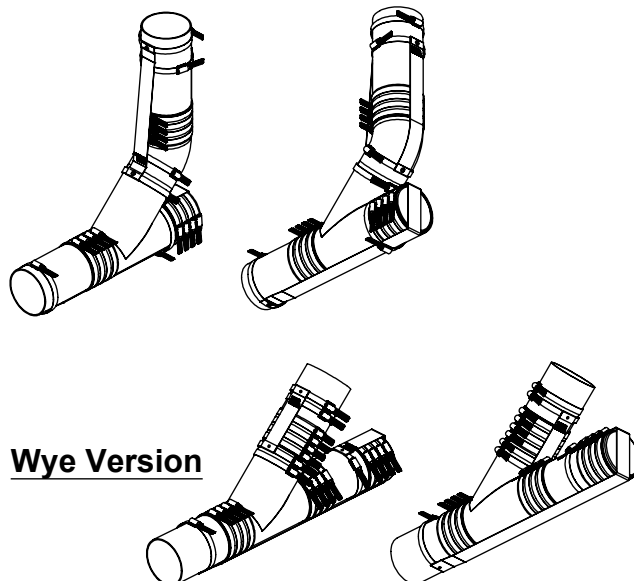
Product Submittal	
Job Name:	
Date:	
Part Number:	Qty:
Architect / Owner:	
Contractor:	
Notes:	

# PRODUCT SPECIFICATION DRAWING

## HOLDRITE® #117-3CE thru -8X6CE Series No-Hub Fitting Restraints



#117-3CE through -8X6CE



Wye Version

THE HOLDRITE® #117-CE Series No-Hub Fitting Restraints are designed to reinforce no-hub cast iron installations 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 #117-3CE thru #117-8X6CE retains the Combo or Wye onto the adjoining piping when positioned at the end of the line and when either a blind plug or a cleanout is installed. All stainless steel bands must be torqued 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 pressures in excess of the pipe manufacturers' recommendations.

### 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](http://www.holdrite.com)

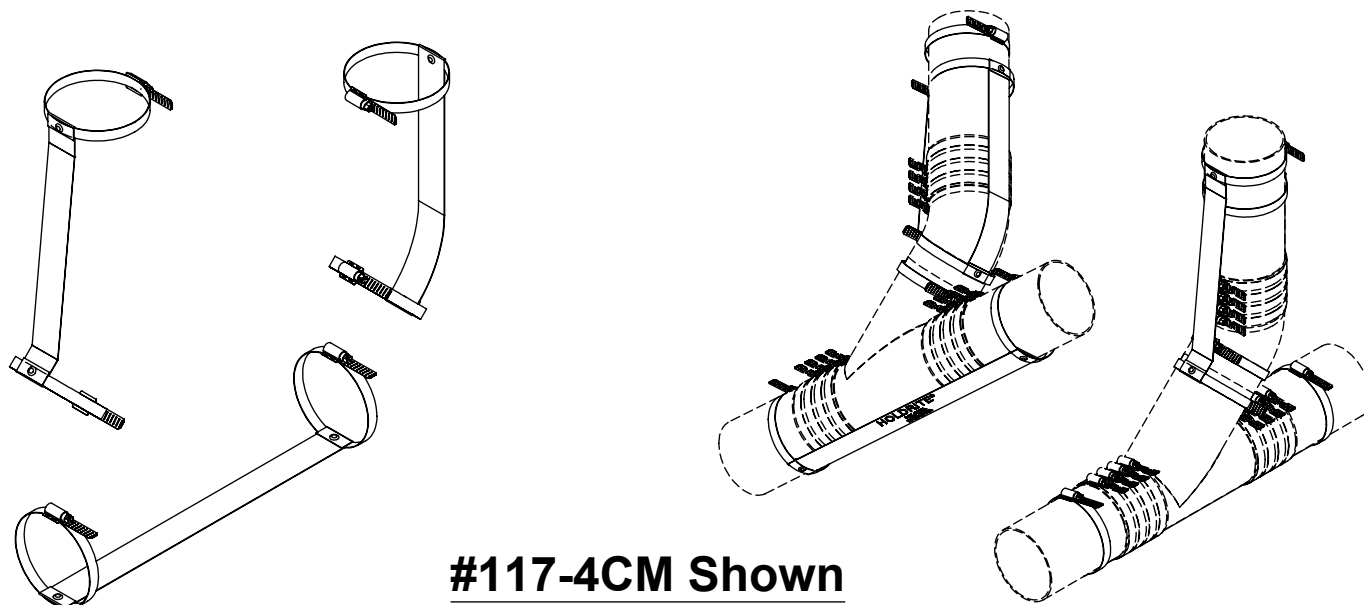
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Product Submittal	
Job Name:	
Date:	
Part Number:	Qty:
Architect / Owner:	
Contractor:	
Notes:	

# PRODUCT SPECIFICATION DRAWING

## HOLDRITE® #117-4CM, -5CM, -6CM & -8CM Series Retention Strap Kits



THE HOLDRITE® #117 Series Retention Strap Kits are designed to reinforce no-hub cast iron installations in accordance with the installation instructions of U.S. cast iron soil pipe manufacturers and the 2006 CISPI Installation Handbook. The #117-4CM (4" size), #117-5CM (5" size), #117-6CM (6" size) & #117-8CM (8" size) retain the Combo onto the adjoining piping. All six 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 pressures in excess of the pipe manufacturers' recommendations.

### 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

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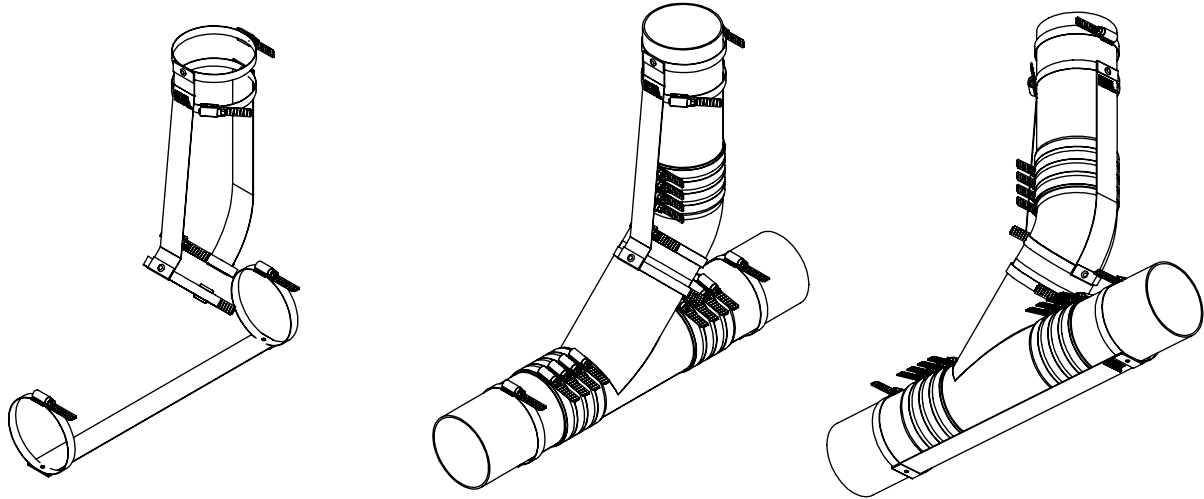
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spec\_117-4CM\_-5CM\_-6CM\_-8CM\_RevD

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

# PRODUCT SPECIFICATION DRAWING

## HOLDRITE® #117-3CM through -8X6CM Series No-Hub Fitting Restraints



#117-3CM THROUGH -8X6CM

THE HOLDRITE® #117-CM Series No-Hub Fitting Restraints are designed to reinforce no-hub cast iron installations 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 #117-3CM through #117-8X6CM retains the Combo or Wye with 1/8 bend onto the adjoining piping. All 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 pressures in excess of the pipe manufacturers' recommendations.

### 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](http://www.holdrite.com)

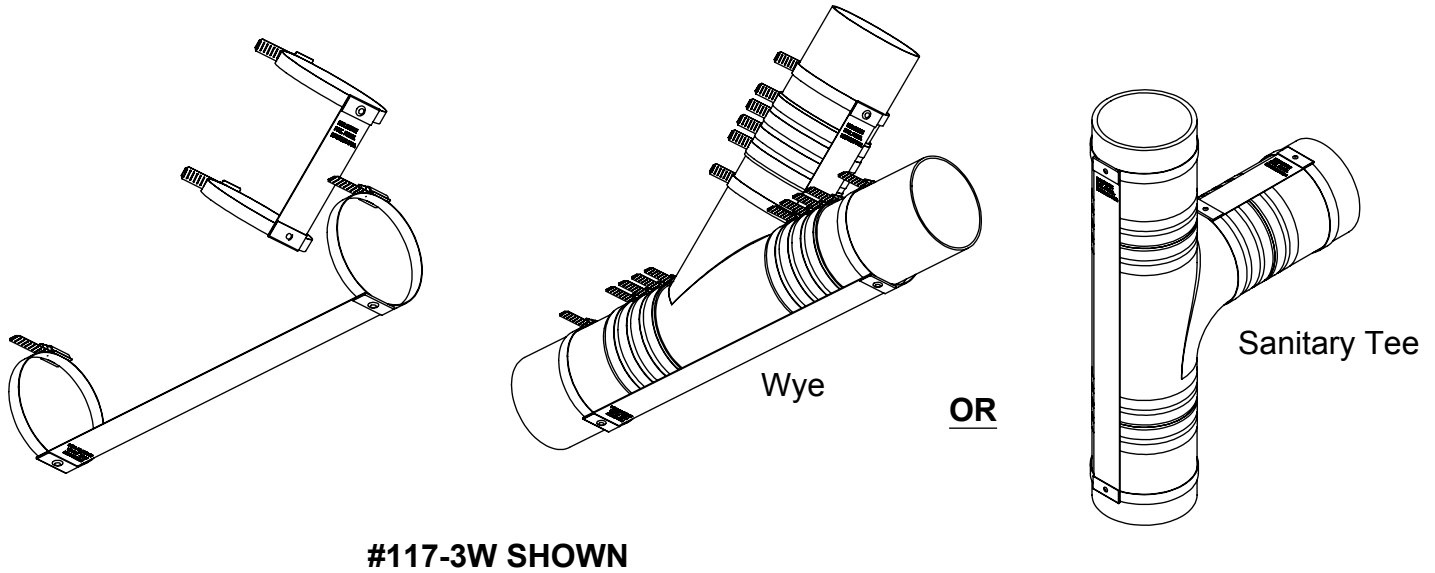
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Product Submittal	
Job Name:	
Date:	
Part Number:	Qty:
Architect / Owner:	
Contractor:	
Notes:	

# PRODUCT SPECIFICATION DRAWING

## HOLDRITE® #117-3W thru -8W Series No-Hub Fitting Restraints



THE HOLDRITE® #117-W Series No-Hub Fitting Restraints are designed to reinforce no-hub cast iron installations in accordance with the installation instructions of U.S. cast iron soil pipe manufacturers and the 2006 CISPI Installation Handbook. The #117-3W thru #117-8W (2" - 8" pipe sizes) retain the Wye or Sanitary Tee onto the adjoining piping. All four 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 pressures in excess of the pipe manufacturers' recommendations.

NOTE: 5" – 8" sizes include additional straps, beyond what is illustrated above.

### Product Information:

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

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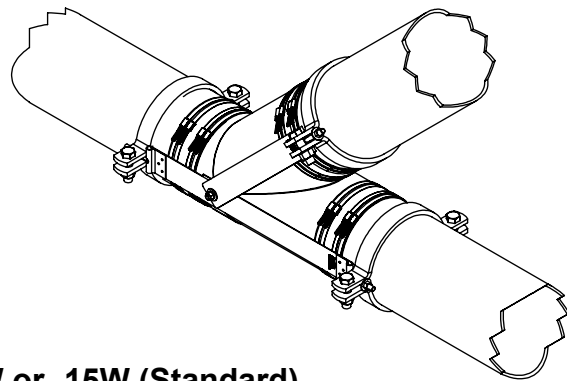
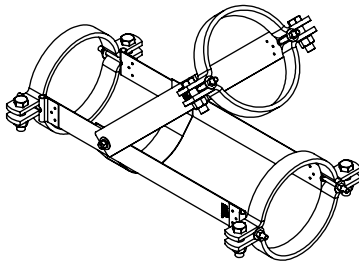
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Product Submittal	
Job Name:	
Date:	
Part Number:	Qty:
Architect / Owner:	
Contractor:	
Notes:	



# PRODUCT SPECIFICATION DRAWING

## HOLDRITE® #117-10, -12 & -15 (W or W-G) Series No-Hub Fitting Restraints



**#117-10W, -12W or -15W (Standard)**  
**or**  
**#117-10W-G, -12W-G or -15W-G (Galvanized)**

THE HOLDRITE® #117-W or W-G Series No-Hub Fitting Restraints are designed to reinforce no-hub cast iron installations 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-W Series retains the Wye onto the adjoining piping. When installed correctly, these restraint brackets achieve a safe thrust pressure rating equal to 50' head water pressure. Pipe clamps must be torqued to 60 ft/lbs. Models ending in "-G" represent "galvanized".

### 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 pressures in excess of the pipe manufacturers' recommendations.

### Product Information:

- Material:
  - Strap: 16GA, CRS, galvanized
  - Clamp: Heavy Duty Black or Galvanized Steel Pipe Clamp
  - Hardware: Standard (W) or Galvanized (W-G)
- Patent pending
- Thrust force restraint test data available upon request
- Refer to installation instructions at [www.holdrite.com](http://www.holdrite.com)

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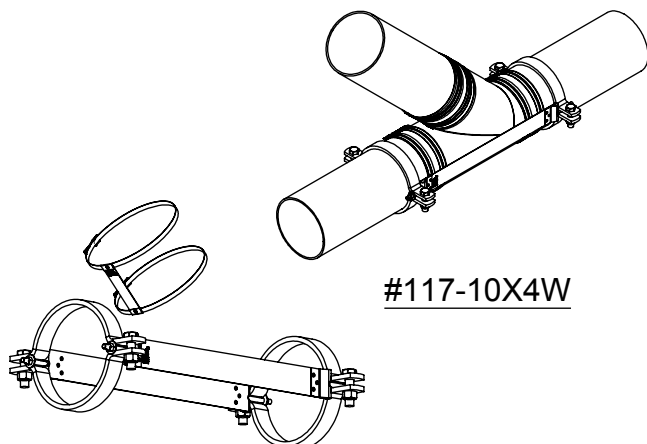
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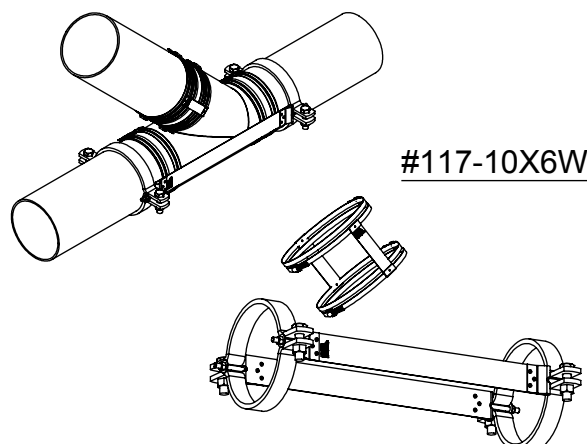
Product Submittal	
Job Name:	
Date:	
Part Number:	Qty:
Architect / Owner:	
Contractor:	
Notes:	

# PRODUCT SPECIFICATION DRAWING

## HOLDRITE® #117-10X4 & -10X6 (-W or -WG) Series Retention Strap Kits



#117-10X4W



#117-10X6W

#117-10X4W or -10X6W (standard)  
or  
#117-10X4WG or -10X6WG (galvanized)

THE HOLDRITE® #117-10X4 & -10X6 (-W or -WG) Series No-Hub Fitting Restraints are design to reinforce no-hub cast iron installations 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-W Series retains the Wye onto the adjoining piping. All stainless steel bands must be torqued to 60 in/lbs minimum and the pipe clamps torqued to 60 ft/lbs. When installed correctly, these restraint brackets achieve a safe thrust pressure rating equal to 50' head water pressure. Models ending in "-G" represent "galvanized".

### 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 pressures in excess of the pipe manufacturers' recommendations.

### Product Information:

- Material:
  - Strap: 16GA, CRS, galvanized
  - Clamp: Heavy Duty Steel or Galvanized Pipe Clamp
  - Bands: Stainless steel body, band & screw
  - Hardware: Standard (W) or Galvanized (WG)
- Torque: 60 in/lbs. minimum on band
- Patent pending
- Thrust force restraint test data available upon request

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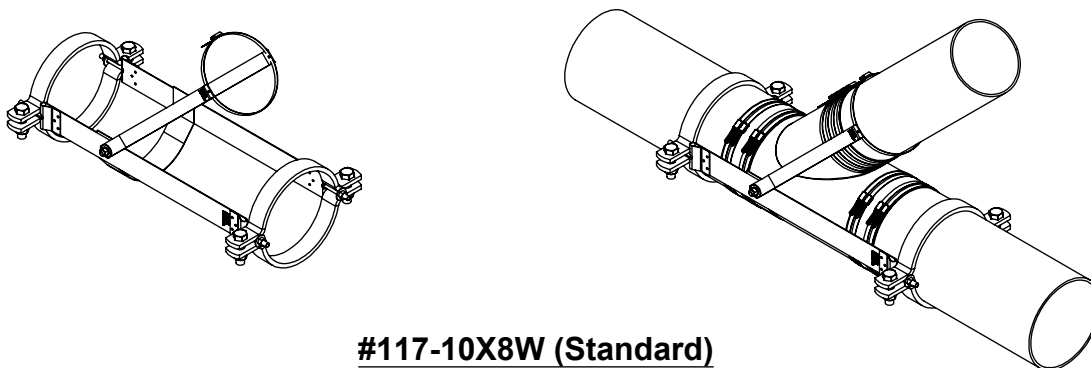
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spec\_117-10X4, -10X6 (-W or -WG / Std or Galv) RevB

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



# PRODUCT SPECIFICATION DRAWING

## HOLDRITE® #117-10X8 (-W or -WG) Series No-Hub Fitting Restraints



**#117-10X8W (Standard)**  
**or**  
**#117-10X8WG (Galvanized)**

THE HOLDRITE® #117-10X8W or -WG Series No-Hub Fitting Restraints are designed to reinforce no-hub cast iron installations 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-W Series retains the Wye onto the adjoining piping. When installed correctly, these restraint brackets achieve a safe thrust pressure rating equal to 50' head water pressure. Pipe clamps must be torqued to 60 ft/lbs and stainless steel band must be torqued to 60 in/lbs. Models ending in "-G" represent "galvanized".

### 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 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 (W) or Galvanized (W-G)
- Patent pending
- Thrust force restraint test data available upon request
- Refer to installation instructions at [www.holdrite.com](http://www.holdrite.com)

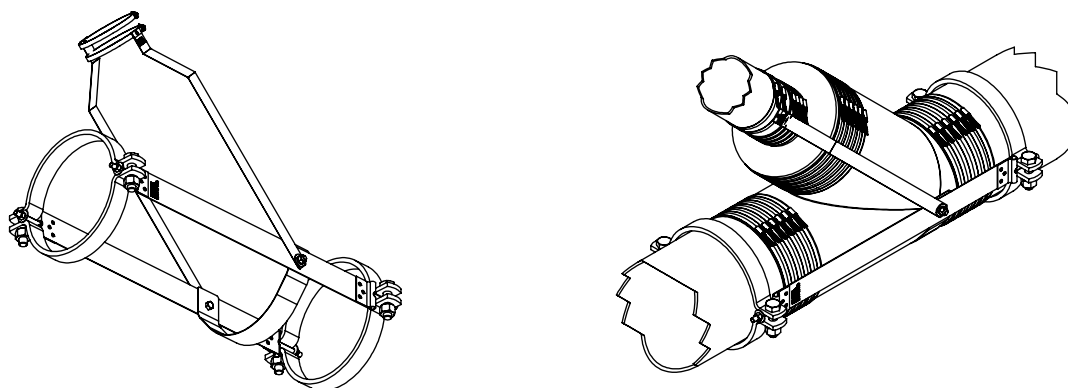
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Product Submittal	
Job Name:	
Date:	
Part Number:	Qty:
Architect / Owner:	
Contractor:	
Notes:	

**PRODUCT SPECIFICATION DRAWING**  
**HOLDRITE® #117-12X4 thru -15X8 (WR or WR-G)**  
**Series No-Hub Fitting Restraints**



**#117-12X4WR, -12X6WR, -12X8WR, -15X4WR, -15X6WR or -15X8WR (standard)**

**or**

**#117-12X4WR-G, -12X6WR-G, -12X8WR-G, -15X4WR-G, -15X6WR-G or -15X8WR-G (galvanized)**

THE HOLDRITE® #117-WR or WR-G Series No-Hub Fitting Restraints are design to reinforce no-hub cast iron installations 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-WR Series retains the Wye & Short Reducer onto the adjoining piping. When installed correctly, these restraint brackets achieve a safe thrust pressure rating equal to 50' head water pressure. Models ending in "-G" represent "galvanized".

**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 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 in/lbs. minimum on band; 60 ft./lbs. on pipe clamps
- Patent pending
- Thrust force restraint test data available upon request
- Refer to installation instructions at [www.holdrite.com](http://www.holdrite.com)

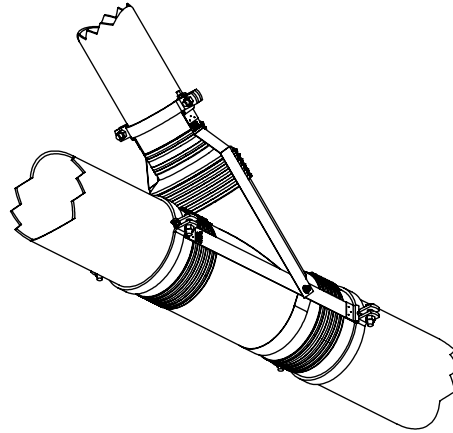
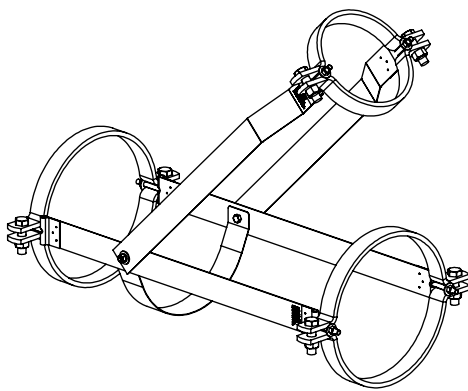
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 spec\_117-12X4, -12X6, -12X8, -15X4, -15X6, -15X8 (WR or WR-G / Std or Galv) RevA

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

**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](http://www.holdrite.com)

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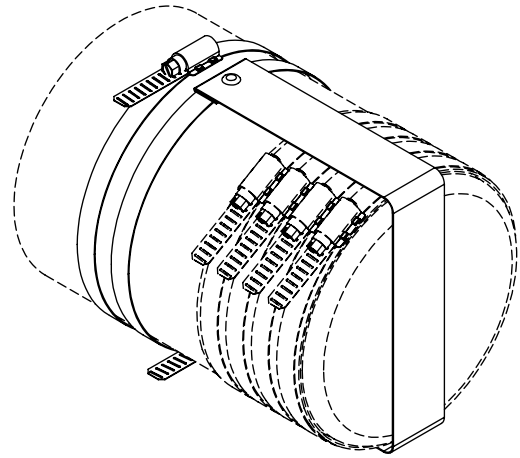
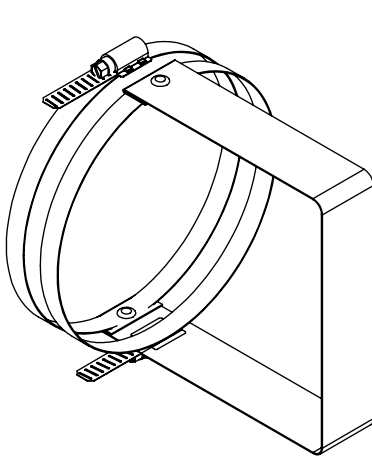
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spec\_117-12X10, -15X10, -15X12 (WR or WR-G / Std or Galv) RevA

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

# PRODUCT SPECIFICATION DRAWING

## HOLDRITE® #117-BP Series No-Hub Fitting Restraints



#117-6BP Shown

THE HOLDRITE® #117 Series No-Hub Fitting Restraints are designed to reinforce no-hub cast iron installations in accordance with the installation instructions of U.S. cast iron soil pipe manufacturers and the 2006 CISPI Installation Handbook. The #117-3BP thru #117-8BP (3" - 8" pipe size) restraints retain a blind plug onto the adjoining pipe. Both 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 pressures in excess of the pipe manufacturers' recommendations.

### Product Information:

- Material:
  - Strap: 24GA, CRS, Galvanized Steel
  - Bands: Stainless steel body, band & screw
- Torque: 60 in/lbs. minimum on bands
- Patent pending
- Thrust force restraint test data available upon request

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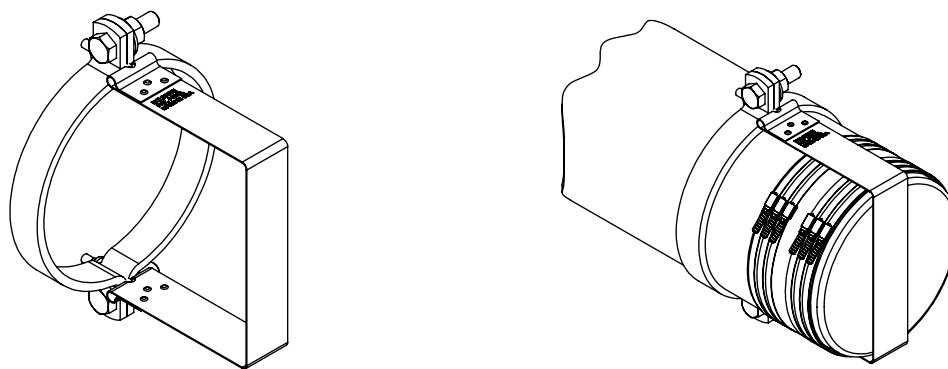
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 spec\_117-BP\_Series\_RevD

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

# PRODUCT SPECIFICATION DRAWING

## HOLDRITE® #117-10, -12 & -15 (BP or BP-G) Series No-Hub Fitting Restraints



**#117-10BP, -12BP or -15BP (standard)**  
**or**  
**#117-10BP-G, -12BP-G or -15BP-G (galvanized)**  
**(Blind Plugs)**

THE HOLDRITE® #117-10, -12 & -15 (BP or BP-G) Series No-Hub Fitting Restraints are designed to reinforce no-hub cast iron installations 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 #117-10, -12 & -15 (BP or BP-G), 10" - 15" pipe size, restraints retain a blind plug onto the adjoining pipe. When installed correctly, these restraint brackets achieve a safe thrust pressure rating equal to 50' head of water pressure. Pipe clamps must be torqued to 60 ft/lbs. Models ending in "-G" represent "galvanized".

### 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 pressures in excess of the pipe manufacturers' recommendations.

### Product Information:

- Material:
  - Strap: 16GA, CRS, Galvanized Steel
  - Clamp: Heavy Duty Black or Galvanized Steel Pipe Clamp
  - Hardware: Standard (BP) or Galvanized (BP-G)
- Patent pending
- Thrust force restraint test data available upon request
- Refer to installation instructions at [www.holdrite.com](http://www.holdrite.com)

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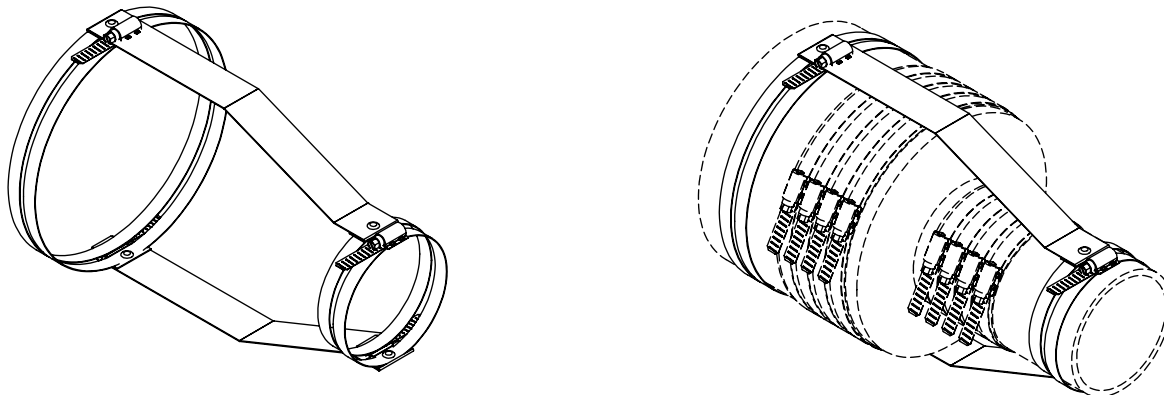
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Product Submittal	
Job Name:	
Date:	
Part Number:	Qty:
Architect / Owner:	
Contractor:	
Notes:	

# PRODUCT SPECIFICATION DRAWING

## HOLDRITE® #117-R Series No-Hub Fitting Restraints



#117-8x4R Shown

THE HOLDRITE® #117 Series No-Hub Fitting Restraints are designed to reinforce no-hub cast iron installations in accordance with the installation instructions of U.S. cast iron soil pipe manufacturers and the 2006 CISPI Installation Handbook. The #117-R Series Restraints are for 2"-8" fitting reducers and retain the fittings between the adjoining piping. All four 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 pressures in excess of the pipe manufacturers' recommendations.

### Product Information:

- Material:
  - Strap: 24GA, CRS, Galvanized Steel
  - Bands: Stainless steel body, band & screw
- Torque: 60 in/lbs. minimum on bands
- Patent pending
- Thrust force restraint test data available upon request

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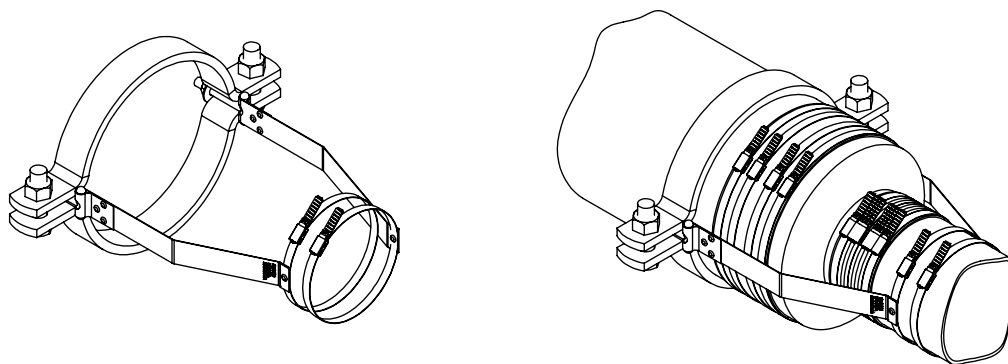
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 spec\_117-R\_Series\_RevD

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



# PRODUCT SPECIFICATION DRAWING

## **HOLDRITE® #117-10X4 thru -15X8 (R or R-G) Series No-Hub Fitting Restraints**



**#117-10X4R, -10X6R, -10X8R, -12X4R, -12X6R, -12X8R, -15X4R, -15X6R or -15X8R (standard)**

**or**

**#117-10X4R-G, -10X6R-G, -10X8R-G, -12X4R-G, -12X6R-G, -12X8R-G, -15X4R-G, -15X6R-G or -15X8R-G (galvanized)**

THE HOLDRITE® #117-10X4 thru -15X8 (R or R-G) Series No-Hub Fitting Restraints are designed to reinforce no-hub cast iron installations in accordance with the installation instructions of the U.S. cast iron soil pipe manufacturers, CISPI Designation 310-11, and the 2006 CISPI Installation Handbook. The #117-R Series kits retains the Short Reducer onto the adjoining piping. All stainless steel bands must be torqued to 60 in/lbs. minimum and the pipe clamps torqued to 60 ft/lbs. When installed correctly, these restraints brackets achieve a safe thrust pressure rating equal to 50' head of water pressure. Models ending in "-G" represent "galvanized".

### 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 pressures in excess of the pipe manufacturers' recommendations.

### Product Information:

- Material:
  - Strap: 24GA, CRS, galvanized
  - Clamp: Heavy Duty Black or Galvanized Steel Pipe Clamp
  - Hardware: Standard (R) or Galvanized (R-G)
- Patent pending
- Thrust force restraint test data available upon request
- Refer to installation instructions at [www.holdrite.com](http://www.holdrite.com)

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# HOLDRITE®

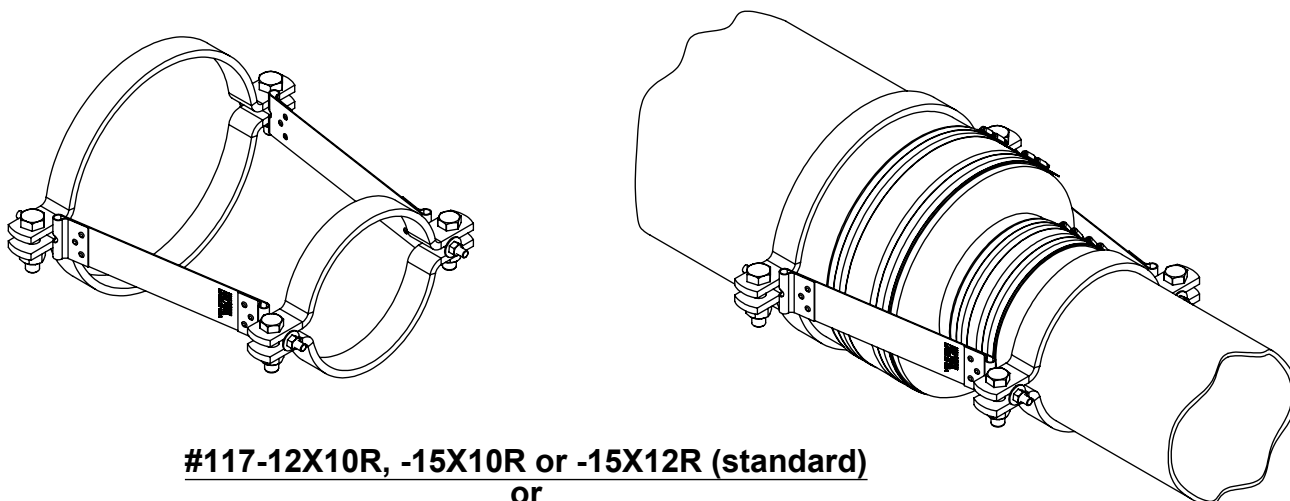
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800-321-0316 OR 760-744-6944 / FAX: 760-744-0507 / [WWW.HOLDRITE.COM](http://WWW.HOLDRITE.COM)  
spec\_117-10X4, -10X6, -10X8, -12X4, -12X6, -12X8, -15X4, -15X6, -15X8 (R or R-G) RevA

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

# PRODUCT SPECIFICATION DRAWING

## HOLDRITE® #117-12X10 thru -15X12 (R or R-G) Series No-Hub Fitting Restraints



#117-12X10R, -15X10R or -15X12R (standard)  
or  
#117-12X10R-G, -15X10R-G or -15X12R-G (galvanized)

THE HOLDRITE® #117-12X10 thru -15X12 (R or R-G) Series No-Hub Fitting Restraints are designed to reinforce no-hub cast iron installations 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-R (10" to 15" pipe sizes) retains the Short Reducer onto the adjoining piping. Pipe clamps must be torqued to 60 ft/lbs. minimum. When installed correct, these restraint brackets achieve a safe thrust pressure rating equal to 50' head of water pressure. Models ending in "-G" represent "galvanized".

### 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 pressures in excess of the pipe manufacturers' recommendations.

### Product Information:

- Material:
  - Strap: 16GA, CRS, galvanized
  - Clamp: Heavy Duty Black or Galvanized Steel Pipe Clamp
  - Hardware: Standard (R) or Galvanized (R-G)
- Patent pending
- Thrust force restraint test data available upon request
- Refer to installation instructions at [www.holdrite.com](http://www.holdrite.com)

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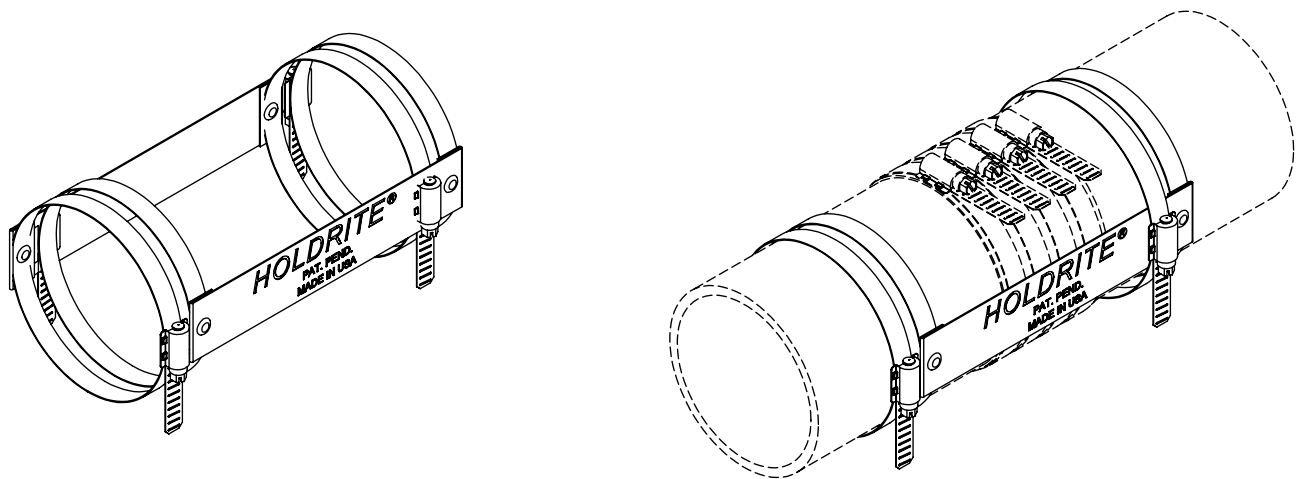
800-321-0316 OR 760-744-6944 / FAX: 760-744-0507 / [WWW.HOLDRITE.COM](http://WWW.HOLDRITE.COM)  
spec\_117-12X10, -15X10, -15X12 (R or R-G / Std or Galv) RevA

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



# PRODUCT SPECIFICATION DRAWING

## HOLDRITE® #117-S Series No-Hub Fitting Restraints



#117-4S Shown

THE HOLDRITE® #117 Series No-Hub Fitting Restraints are designed to reinforce no-hub cast iron installations in accordance with the installation instructions of U.S. cast iron soil pipe manufacturers and the 2006 CISPI Installation Handbook. The #117-3S thru #117-8S (3" - 8" pipe size) restraints retain a straight coupling joint. All four 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 pressures in excess of the pipe manufacturers' recommendations.

### Product Information:

- Material:
  - Strap: 24GA, CRS, Galvanized Steel
  - Bands: Stainless steel body, band & screw
- Torque: 60 in/lbs. minimum on bands
- Patent pending
- Thrust force restraint test data available upon request

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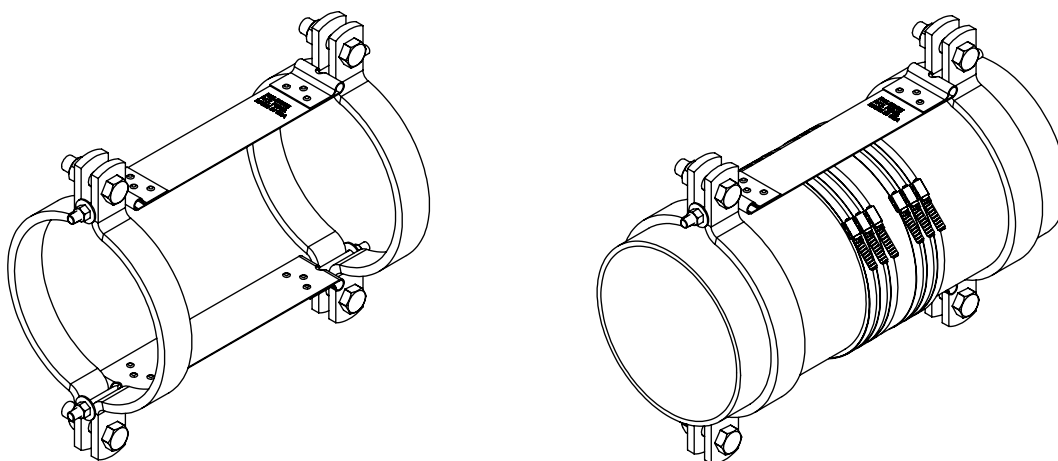
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spec\_117-S\_Series\_RevD

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

# PRODUCT SPECIFICATION DRAWING

## **HOLDRITE® #117-10, -12 & -15 (S or S-G) Series No-Hub Fitting Restraints**



#117-10S, -12S or -15S (standard)  
or  
#117-10S-G, -12S-G or -15S-G (galvanized)

**THE HOLDRITE® #117-S Series No-Hub Fitting Restraints are designed to reinforce no-hub cast iron installations in accordance with the installation instructions of U.S. cast iron soil pipe manufacturers, CISPI designation 310-11 and 2006 CISPI Installation Handbook. When installed correctly, these restraint brackets achieve a safe thrust pressure rating equal to 50' head of water pressure. Pipe clamps to be torqued to 60 ft./lbs.**

### **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 pressures in excess of the pipe manufacturers' recommendations.**

### **Product Information:**

- Material:
  - Strap: 16GA, CRS, galvanized
  - Clamp: Heavy Duty Black or Galvanized Steel Pipe Clamp
  - Hardware: Standard (S) or Galvanized (S-G)
- Patent pending
- Thrust force restraint test data available upon request
- Refer to installation instructions at [www.holdrite.com](http://www.holdrite.com)

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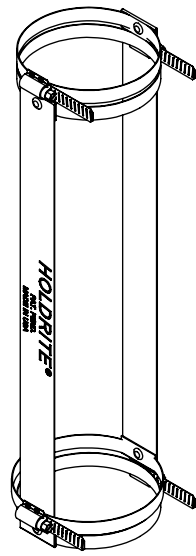


800-321-0316 OR 760-744-6944 / FAX: 760-744-0507 / [WWW.HOLDRITE.COM](http://WWW.HOLDRITE.COM)  
spec\_117-10, -12, -15 (S or S-G / Std or Galv) RevC

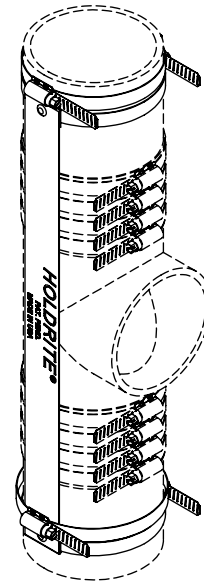
Product Submittal	
Job Name:	
Date:	
Part Number:	Qty:
Architect / Owner:	
Contractor:	
Notes:	

# PRODUCT SPECIFICATION DRAWING

## HOLDRITE® #117-T Series No-Hub Fitting Restraints



#117-4T Shown



THE HOLDRITE® #117 Series No-Hub Fitting Restraints are designed to reinforce no-hub cast iron installations in accordance with the installation instructions of U.S. cast iron soil pipe manufacturers and the 2006 CISPI Installation Handbook. The #117-3T thru #117-8T (3" - 8" pipe size) retain a test tee/clean out tee onto adjoining piping. All four 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 pressures in excess of the pipe manufacturers' recommendations.

### Product Information:

- Material:
  - Strap: 24GA, CRS, Galvanized Steel
  - Bands: Stainless steel body, band & screw
- Torque: 60 in/lbs. minimum on bands
- Patent pending
- Thrust force restraint test data available upon request

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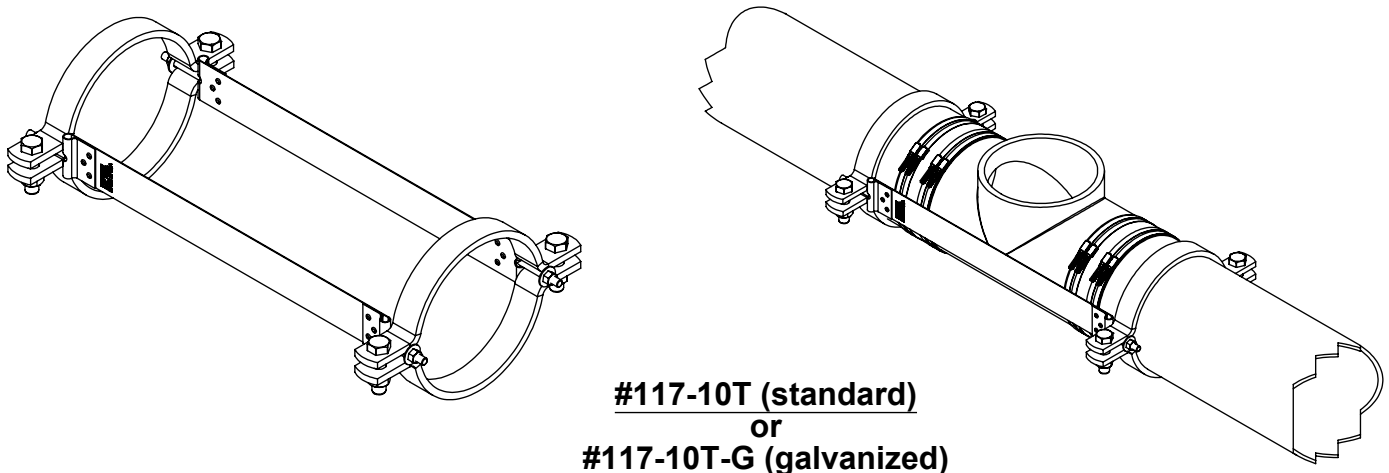
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800-321-0316 OR 760-744-6944 / FAX: 760-744-0507 / WWW.HOLDRITE.COM  
spec\_117-T\_Series\_RevD

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

# PRODUCT SPECIFICATION DRAWING

## HOLDRITE® #117-10 (T or T-G) Series No-Hub Fitting Restraints



THE HOLDRITE® #117-10T or -10T-G Series No-Hub Fitting Restraint is designed to reinforce no-hub cast iron installations 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 #117-10T or -10T-G (10" pipe size) retains a test tee/clean out tee onto adjoining piping. When installed correctly, these restraint brackets achieve a safe thrust pressure rating equal to 50' head of water pressure. Torque pipe clamps to 60 ft./lbs. Model ending in "-G" represents "galvanized".

### 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 pressures in excess of the pipe manufacturers' recommendations.

### Product Information:

- Material:
  - Strap: 16GA, CRS, Galvanized Steel
  - Clamp: Heavy Duty Black or Galvanized Steel Pipe Clamp
  - Hardware: Standard (T) or Galvanized (T-G)
- Patent pending
- Thrust force restraint test data available upon request
- Refer to installation instructions at [www.holdrite.com](http://www.holdrite.com)

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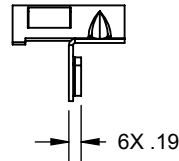
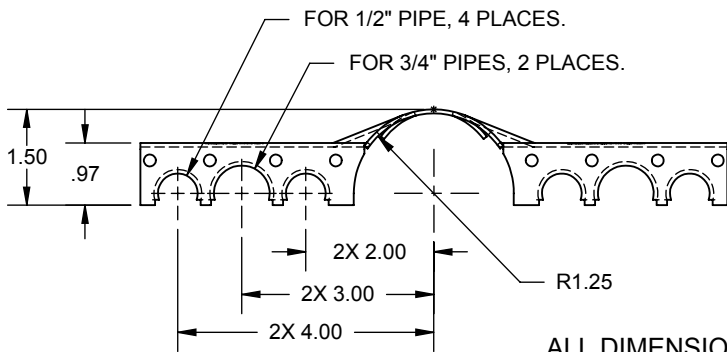
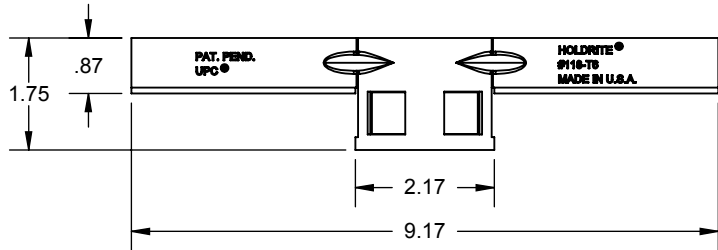
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spec\_117-10 (T or T-G / Std or Galv) RevA

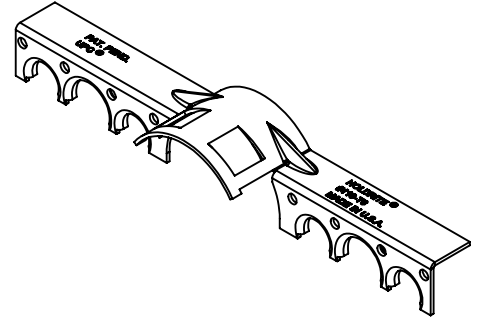
Product Submittal	
Job Name:	
Date:	
Part Number:	Qty:
Architect / Owner:	
Contractor:	
Notes:	

# PRODUCT SPECIFICATION DRAWING

## HOLDRITE® #118-T6



ALL DIMENSIONS IN INCHES



3" Stainless Steel band

The HOLDRITE® #118-T6 is a Copper-Bonded™ bracket designed to support 1/2" and 3/4" tubing. This bracket mounts directly onto a horizontal or vertical pipe. It is designed to position water supplies for lavatories and other fixtures and is ideal as a mid span support within a 2-1/2" or wider wall. Packaged with a self-locking 3" stainless steel band and self-adhesive isolation felt. When used for copper tubing, solder directly to the bracket. Heat the tubing, not the bracket.

### Product Information:

- Material: 16 gage CRS, Copper-Bonded™
- Load rating: 25 pounds
- UPC / IPC / IAPMO listed



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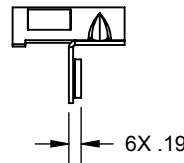
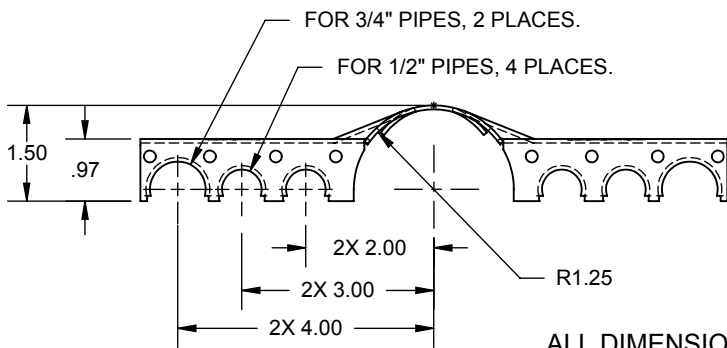
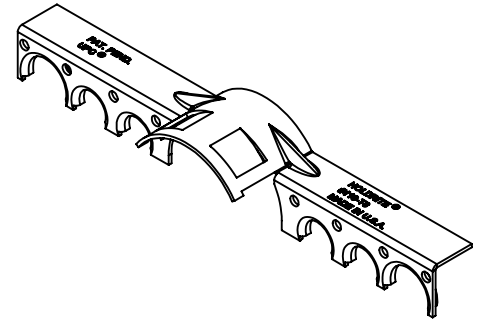
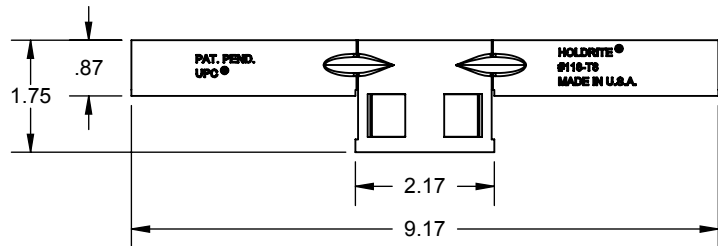
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spec\_118-T6\_RevF

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

# PRODUCT SPECIFICATION DRAWING

## HOLDRITE® #118-T8



3" Stainless Steel band

ALL DIMENSIONS IN INCHES

The HOLDRITE® #118-T8 is a Copper-Bonded™ bracket designed to support 1/2" and 3/4" tubing. This bracket mounts directly onto a horizontal or vertical pipe. It is designed to position water supplies for lavatories and other fixtures and is ideal as a mid span support within a 2-1/2" or wider wall. Packaged with a self-locking 3" stainless steel band and self-adhesive isolation felt. When used for copper tubing, solder directly to the bracket. Heat the tubing, not the bracket.

### Product Information:

- Material: 16 gage CRS, Copper-Bonded™
- Load rating: 25 pounds
- UPC / IPC / IAPMO listed



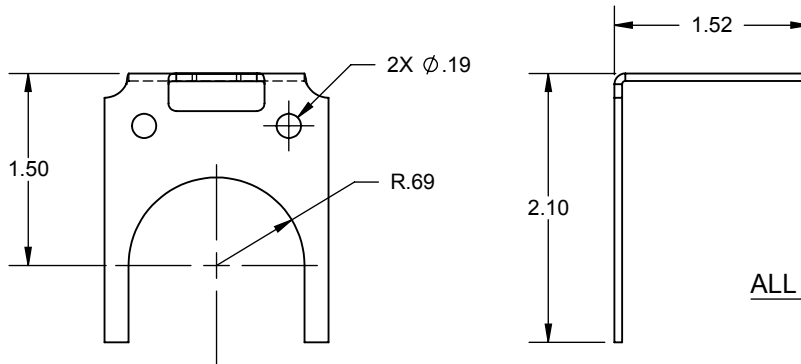
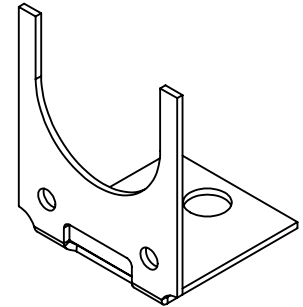
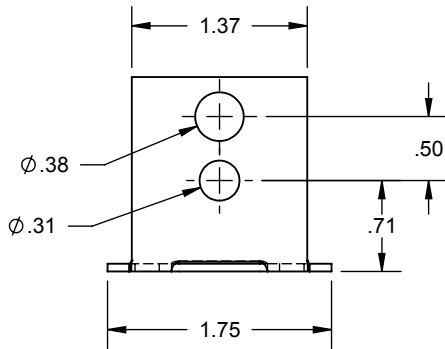
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spec\_118-T8\_RevF

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

# PRODUCT SPECIFICATION DRAWING HOLDRITE® #121



ALL DIMENSIONS IN INCHES

The HOLDRITE® #121 is a 16 gage galvanized steel bracket with an open "U" shape the secures single 1/2", 3/4" and 1" tubing.

## Product Information:

- Material: 16 gage CRS, galvanized
- Load rating: 25 pounds
- Supports 1/2", 3/4" and 1" tubing with available inserts
- Available with stainless steel banding from 1" to 5"
- UPC / IPC / IAPMO listed



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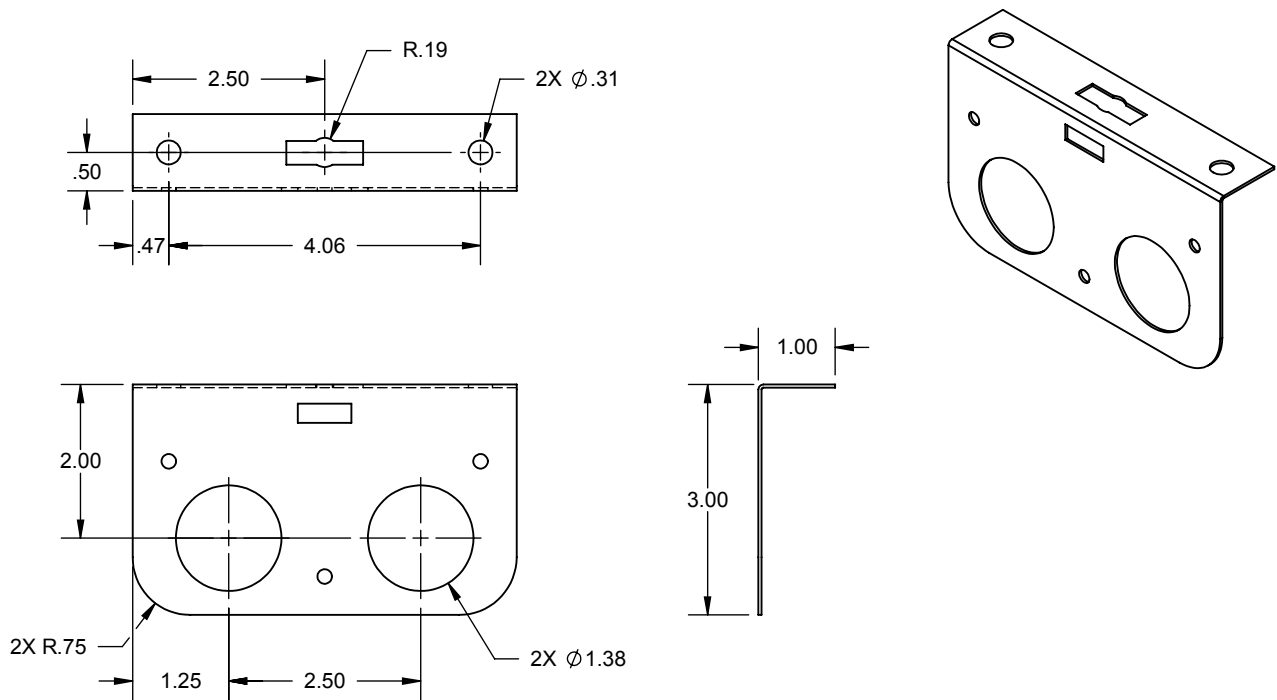
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800-321-0316 OR 760-744-6944 / FAX: 760-744-0507 / WWW.HOLDRITE.COM  
spec\_121\_RevH

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

# PRODUCT SPECIFICATION DRAWING

## HOLDRITE® #121-D



ALL DIMENSIONS IN INCHES

The HOLDRITE® #121-D is a 20 gage galvanized steel bracket that supports dual lines of 1/2", 3/4" or 1" Copper, PEX or CPVC tubing at 2" center line height. The hole pattern on the 90° base allows for attachment to any flat surface. The bracket can also be suspended by 3/8" threaded rod.

### Product Information:

- Material: 20 gage CRS, galvanized
- Load rating: 25 pounds
- Supports 1/2", 3/4" and 1" tubing with available inserts
- UPC / IPC / IAPMO listed



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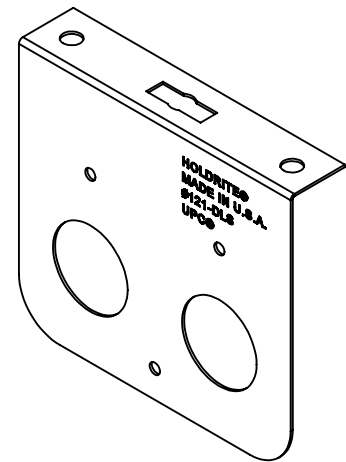
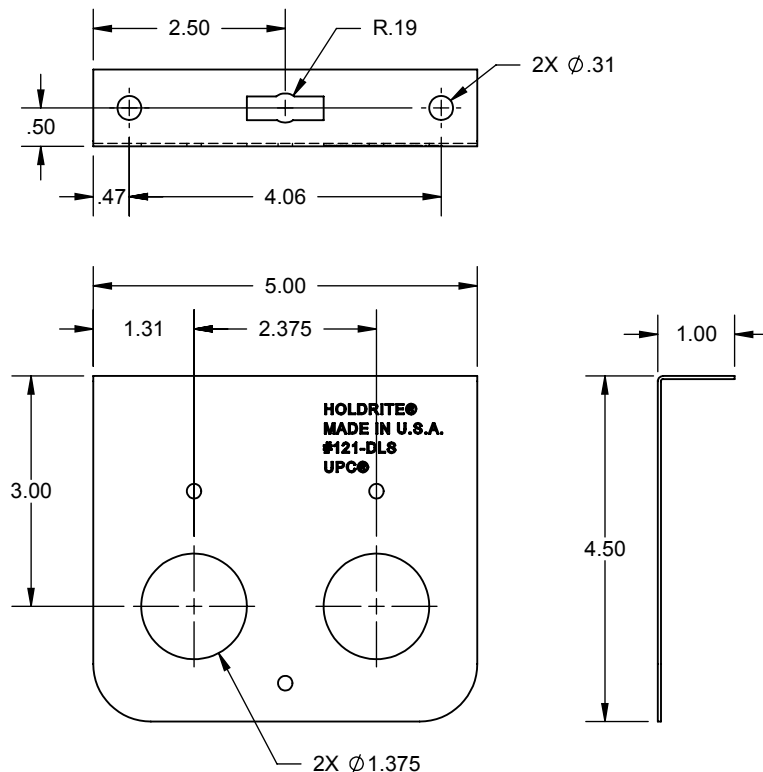
spec\_121-D\_RevJ

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



# PRODUCT SPECIFICATION DRAWING

## HOLDRITE® #121-DLS



ALL DIMENSIONS IN INCHES

The HOLDRITE® #121-DLS is a 20 gage galvanized steel bracket that supports dual lines of 1/2", 3/4" or 1" Copper, PEX or CPVC tubing at 3" center line height. The hole pattern on the 90° base allows for attachment to any flat surface. The bracket can also be suspended by 1/4" or 3/8" threaded rod.

### Product Information:

- Material: 20 gage CRS, galvanized
- Load rating: 25 pounds
- Supports 1/2", 3/4" or 1" tubing with available inserts
- UPC / IPC / IAPMO listed



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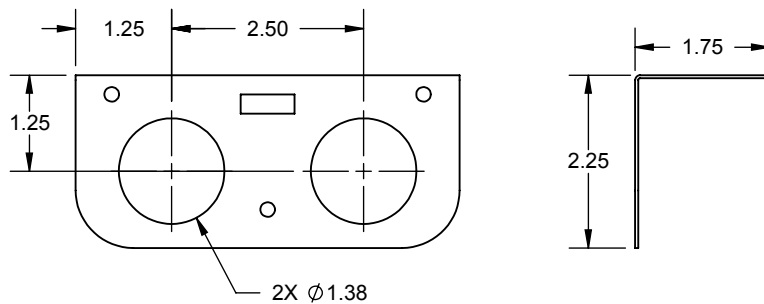
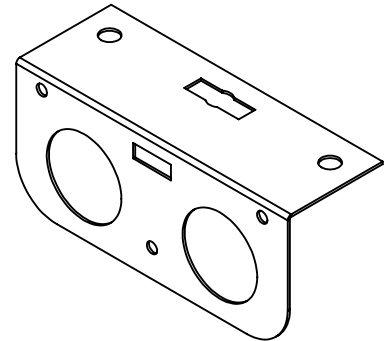
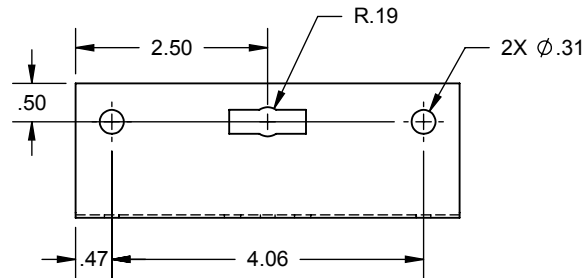
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 spec\_121-DLS\_RevE

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

# PRODUCT SPECIFICATION DRAWING

## HOLDRITE® #121-DS



ALL DIMENSIONS IN INCHES

The HOLDRITE® #121-DS is a 20 gage galvanized steel bracket the supports dual lines of 1/2", 3/4" or 1" Copper, PEX or CPVC tubing at 1-1/4" center line height. The hole pattern on the 90° base allows for attachment to any flat surface. The bracket can also be suspended by 3/8" threaded rod.

### Product Information:

- Material: 20 gage CRS, galvanized
- Load rating: 25 pounds
- Supports 1/2", 3/4" and 1" tubing with available inserts
- UPC / IPC / IAPMO listed



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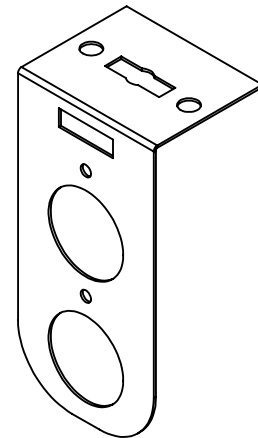
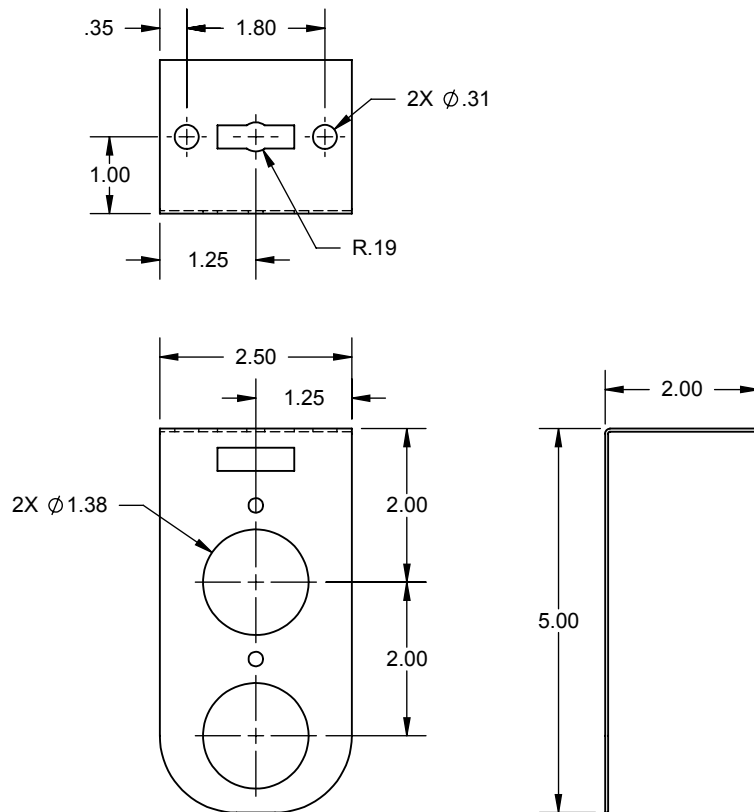
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spec\_121-DS\_RevG

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

# PRODUCT SPECIFICATION DRAWING

## HOLDRITE® #121-L



ALL DIMENSIONS IN INCHES

The HOLDRITE® #121-L is a 20 gage galvanized steel bracket that supports dual lines of 1/2", 3/4" or 1" Copper, PEX or CPVC tubing at 2" and 4" center line height. The hole pattern on the 90° base allows for attachment to any flat surface. The bracket can also be suspended by 3/8" threaded rod.

### Product Information:

- Material: 20 gage CRS, galvanized
- Load rating: 25 pounds
- Supports 1/2", 3/4" and 1" tubing with available inserts
- UPC / IPC / IAPMO listed



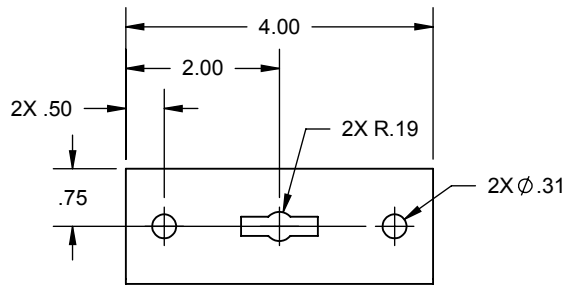
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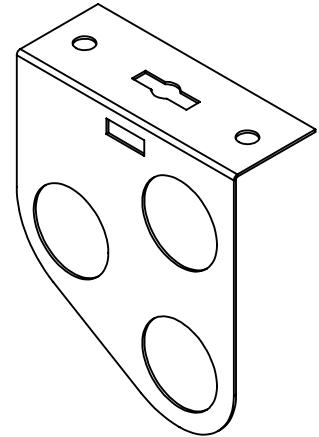
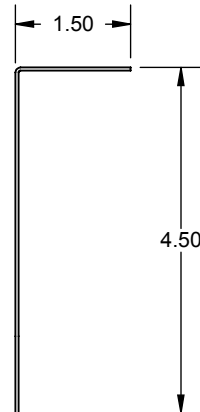
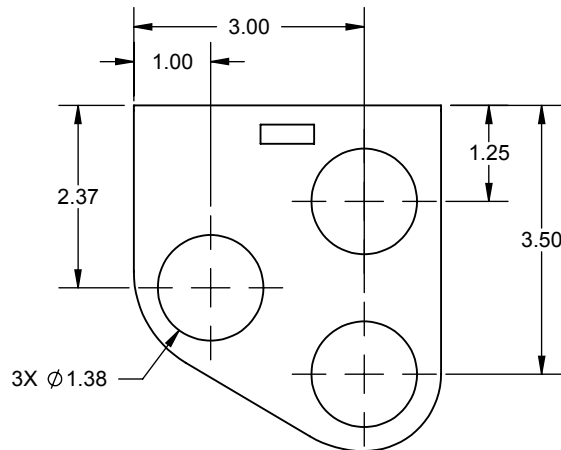
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 spec\_121-L\_RevG

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

# PRODUCT SPECIFICATION DRAWING HOLDRITE® #121-O



ALL DIMENSIONS IN INCHES



The HOLDRITE® #121-O is a 20 gage galvanized steel bracket that supports up to three lines of 1/2", 3/4" or 1" Copper, PEX or CPVC tubing. The hole pattern on the 90° base allows for attachment to any flat surface. The bracket can also be suspended by 3/8" threaded rod.

## Product Information:

- Material: 20 gage CRS, galvanized
- Load rating: 25 pounds
- Supports 1/2", 3/4" and 1" tubing with available inserts
- UPC / IPC / IAPMO listed



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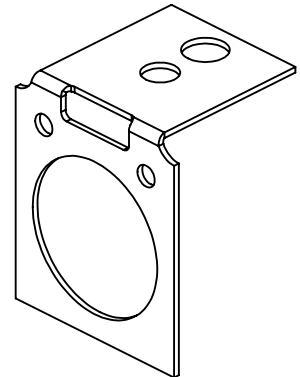
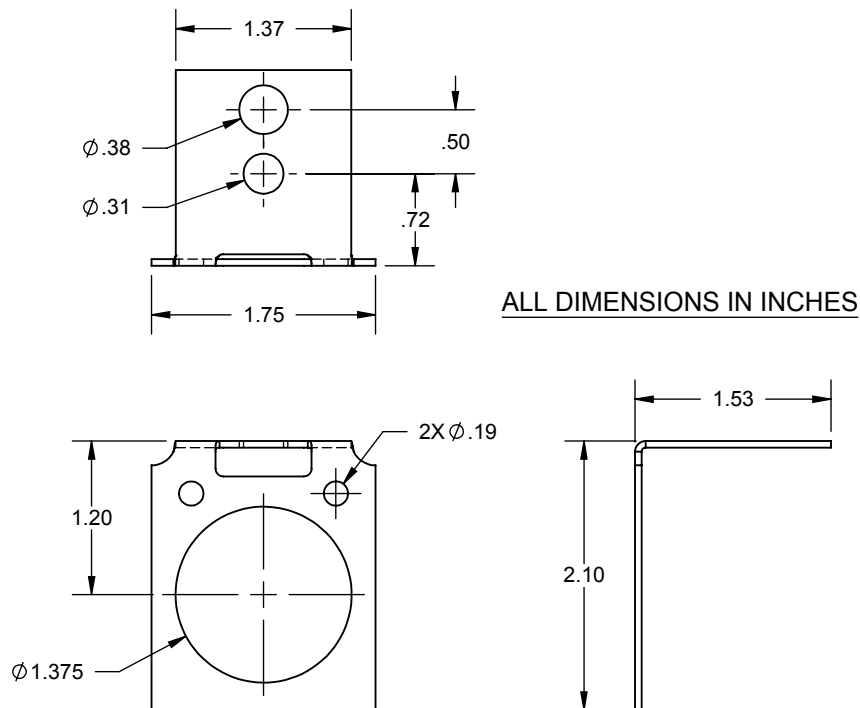
# HOLDRITE®

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800-321-0316 OR 760-744-6944 / FAX: 760-744-0507 / WWW.HOLDRITE.COM  
spec\_121-O\_RevH

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

# PRODUCT SPECIFICATION DRAWING

## HOLDRITE® #121-R



The HOLDRITE® #121-R is a 18 gage galvanized steel bracket with a 1-1/4" center line which will position 1/2", 3/4" or 1" Copper, PEX or CPVC for securing single tubing to any flat surface. The bracket can also be suspended by 1/4" or 3/8" threaded rod.

### Product Information:

- Material: 18 gage CRS, galvanized
- Load rating: 25 pounds
- Supports 1/2", 3/4" and 1" tubing with available inserts
- UPC / IPC / IAPMO listed



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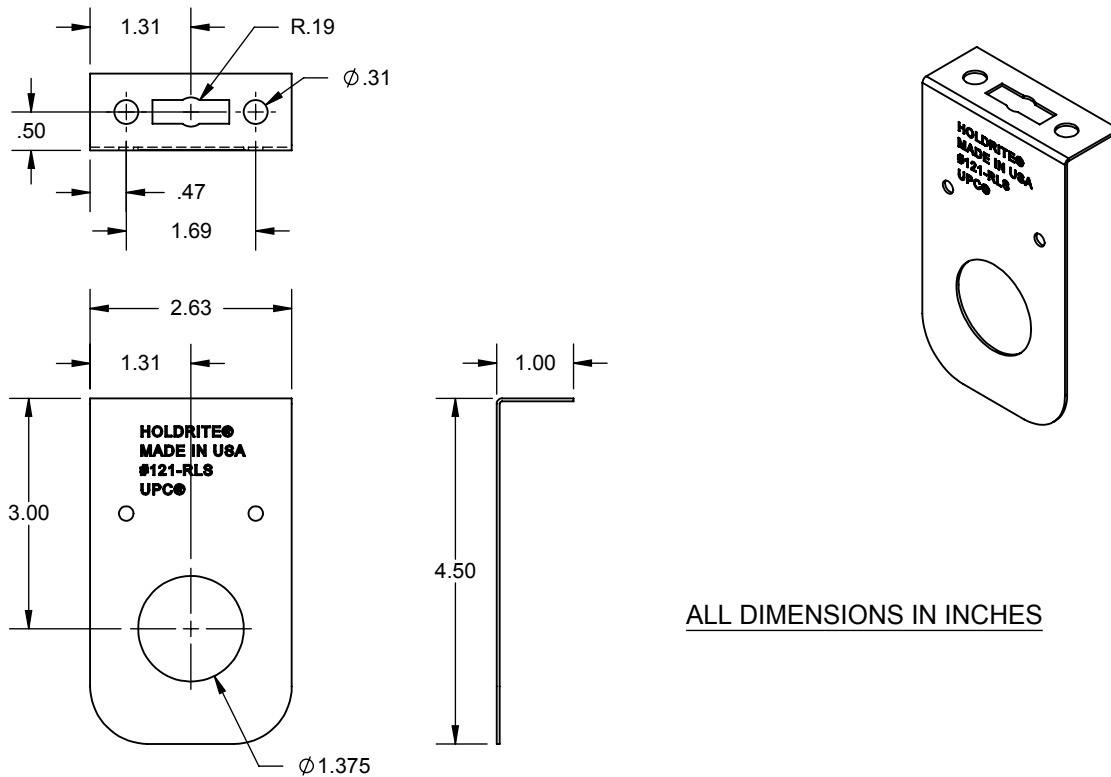
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 800-321-0316 OR 760-744-6944 / FAX: 760-744-0507 / WWW.HOLDRITE.COM  
 spec\_121-R\_RevH

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

# PRODUCT SPECIFICATION DRAWING

## HOLDRITE® #121-RLS



The HOLDRITE® #121-RLS is a 20 gage galvanized steel bracket that support a single line of 1/2", 3/4" or 1" Copper, PEX or CPVC tubing at 3" center line height. The hole pattern on the 90° base allows for attachment to any flat surface. The bracket can also be suspended by 1/4" or 3/8" threaded rod.

### Product Information:

- Material: 20 gage CRS, galvanized
- Load rating: 25 pounds
- Supports 1/2", 3/4" and 1" tubing with available inserts
- UPC / IPC / IAPMO listed



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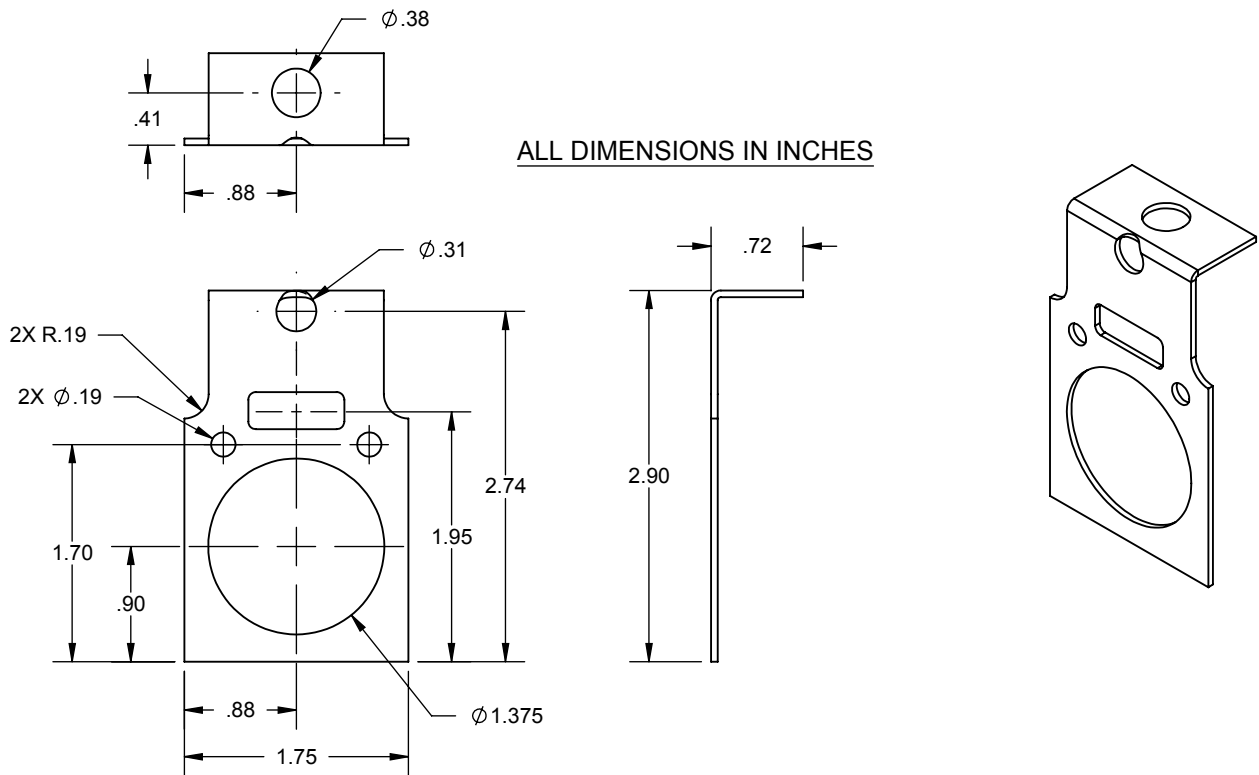
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800-321-0316 OR 760-744-6944 / FAX: 760-744-0507 / WWW.HOLDRITE.COM  
spec\_121-RLS\_RevF

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

# PRODUCT SPECIFICATION DRAWING

## HOLDRITE® 121-W



The HOLDRITE® #121-W is a 18 gage galvanized steel bracket with a 2" center line. The bracket will position 1/2", 3/4" and 1" Copper, PEX or CPVC for securing single tubing to any flat surface. The bracket can also be suspended by 1/4" or 3/8" threaded rod.

### Product Information:

- Material: 18 gage CRS, galvanized
- Load rating: 25 pounds
- Supports 1/2", 3/4" and 1" tubing with available inserts
- UPC / IPC / IAPMO listed



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# HOLDRITE®

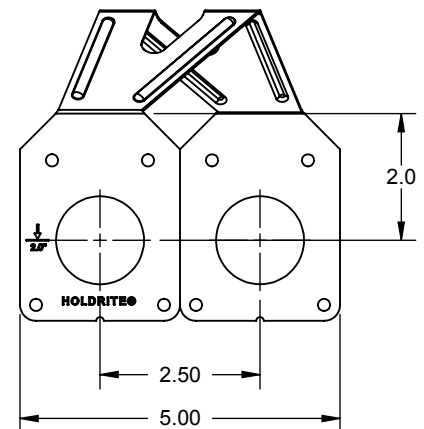
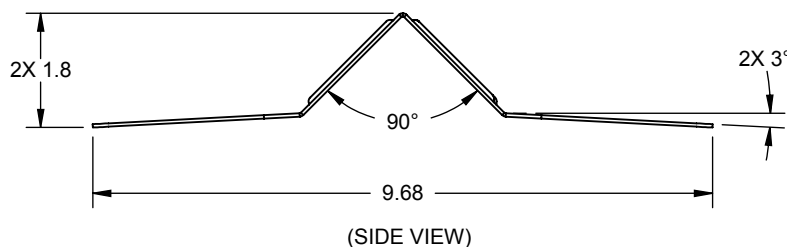
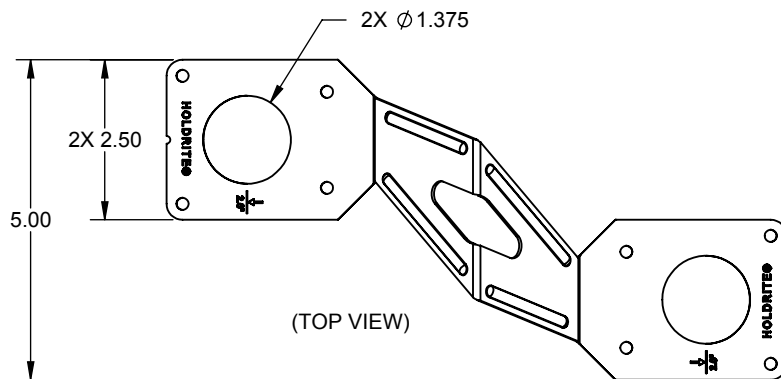
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800-321-0316 OR 760-744-6944 / FAX: 760-744-0507 / WWW.HOLDRITE.COM  
spec\_121-W\_Rev1

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

# PRODUCT SPECIFICATION DRAWING

## HOLDRITE® HANGOVER™ #125-D



(TYPICAL APPLICATION END VIEW  
AFTER INSTALLATION & PRIOR  
TO TUBING PLACEMENT)

ALL DIMENSIONS IN INCHES

The HOLDRITE® HANGOVER™ concrete insert brackets are installed on wood forms for use with cast-in-place concrete slabs. When the wood forms are stripped away, the HOLDRITE® HANGOVER™ bracket's end tabs are bent into position and are ready to support up to 1" CTS for horizontal pipe runs.

### Product Information:

- Material: 18 gage CRS, galvanized per ASTM-A653, G90
- Load rating: 150 pound load rating in 3000 psi concrete, safety factor = 3
- Complies with load requirements of MSS SP-58
- Supports 1/2", 3/4" and 1" tubing with available inserts

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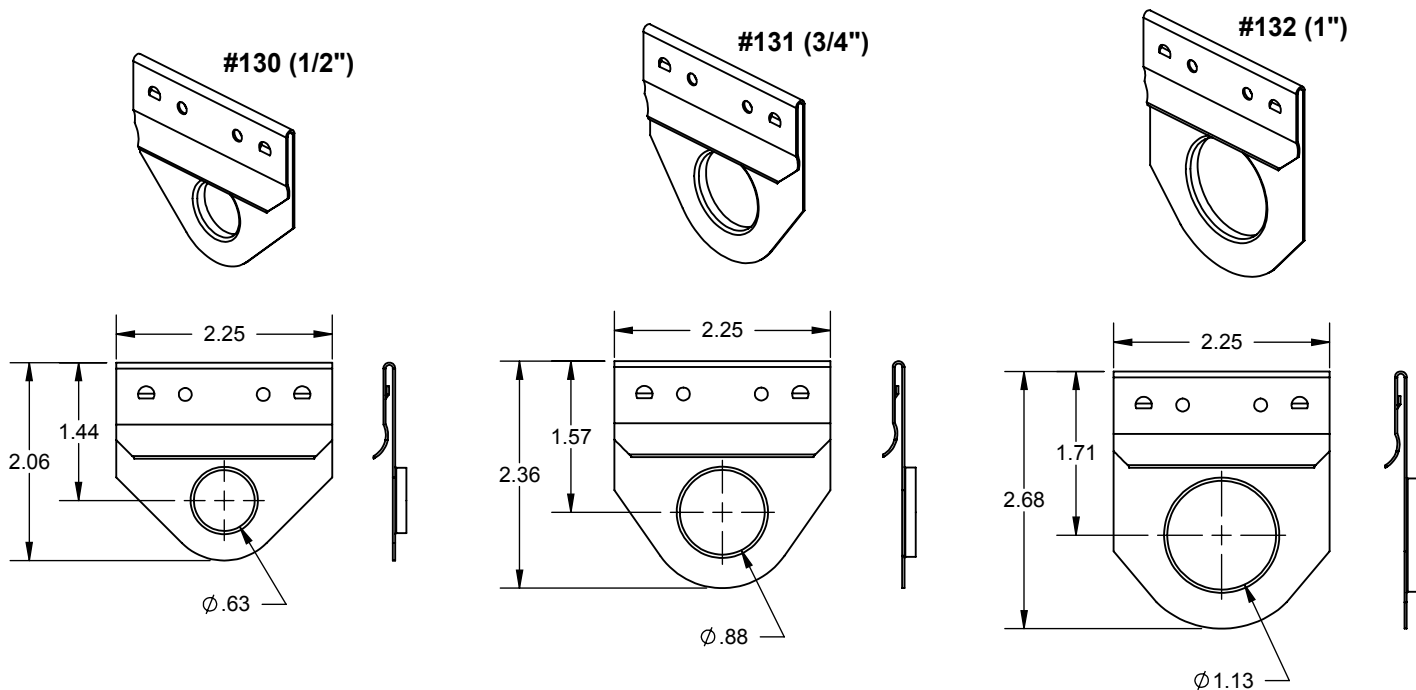
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800-321-0316 OR 760-744-6944 / FAX: 760-744-0507 / WWW.HOLDRITE.COM  
spec\_125-D\_RevD

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



# PRODUCT SPECIFICATION DRAWING HOLDRITE® #130, #131 & #132 CLIPS



ALL DIMENSIONS IN INCHES

The HOLDRITE® #130, #131 and #132 are Solid Copper clips. Designed for easy snap-on installation for various flat strap brackets. 1/2", 3/4" or 1" copper tubes solder directly to the clip.

## Product Information:

- Material: .025 Solid Copper
- Load rating: 25 pounds
- UPC / IPC / IAPMO listed



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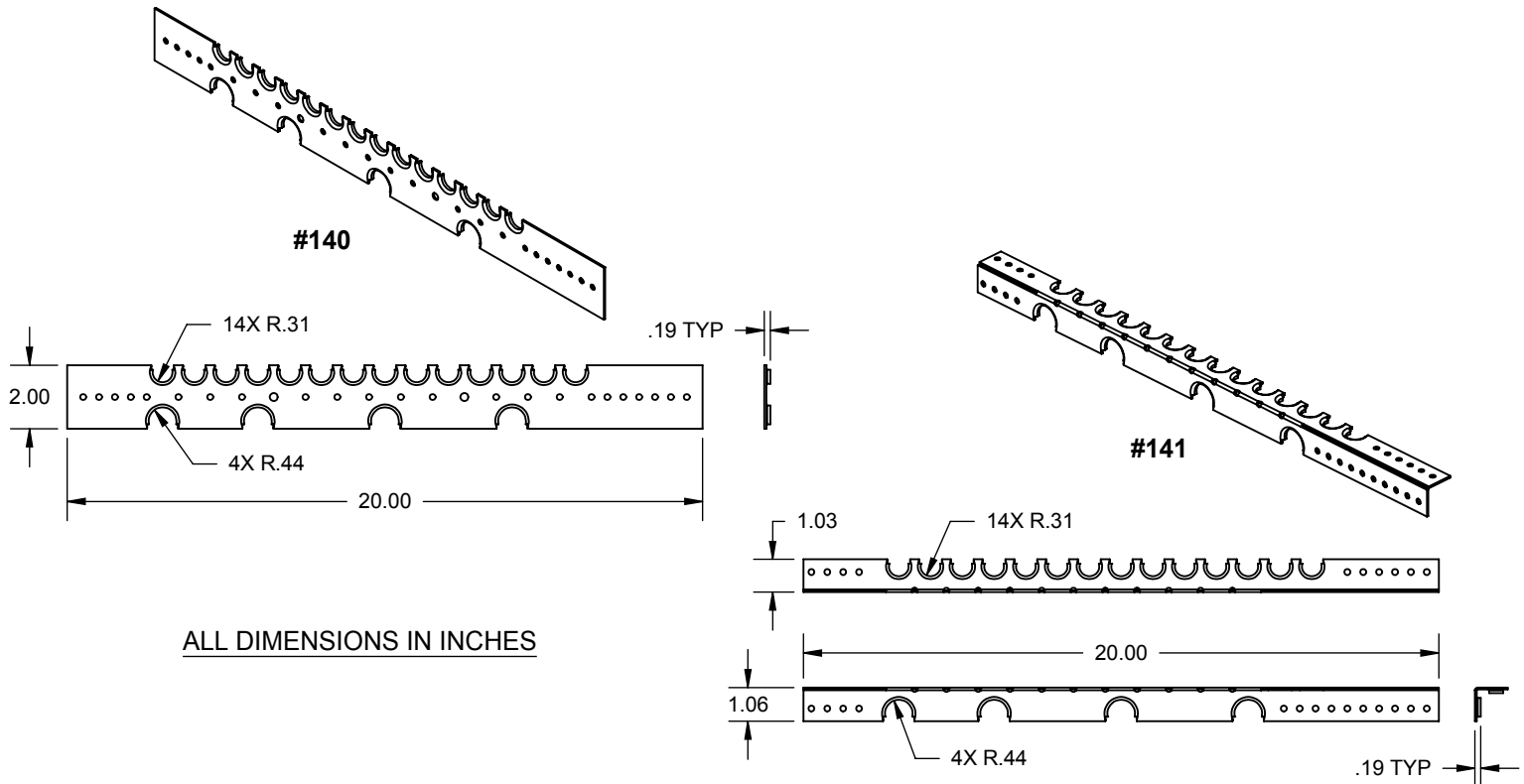
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800-321-0316 OR 760-744-6944 / FAX: 760-744-0507 / WWW.HOLDRITE.COM  
spec\_130\_131\_132\_RevE

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

# PRODUCT SPECIFICATION DRAWING

## HOLDRITE® #140 & #141 BRACKET



The HOLDRITE® #140 and #141 are Copper-Bonded™ steel brackets with 5/8" extruded notches on 1" centers and 7/8" extruded notches on 4" centers. #141 bracket is bent at 90° degrees in the middle for added strength. Solder copper tubing to the bracket.

### Product Information:

- Material: 16 gage CRS, Copper-Bonded™
- Load rating: 25 pounds
- UPC / IPC / IAPMO listed



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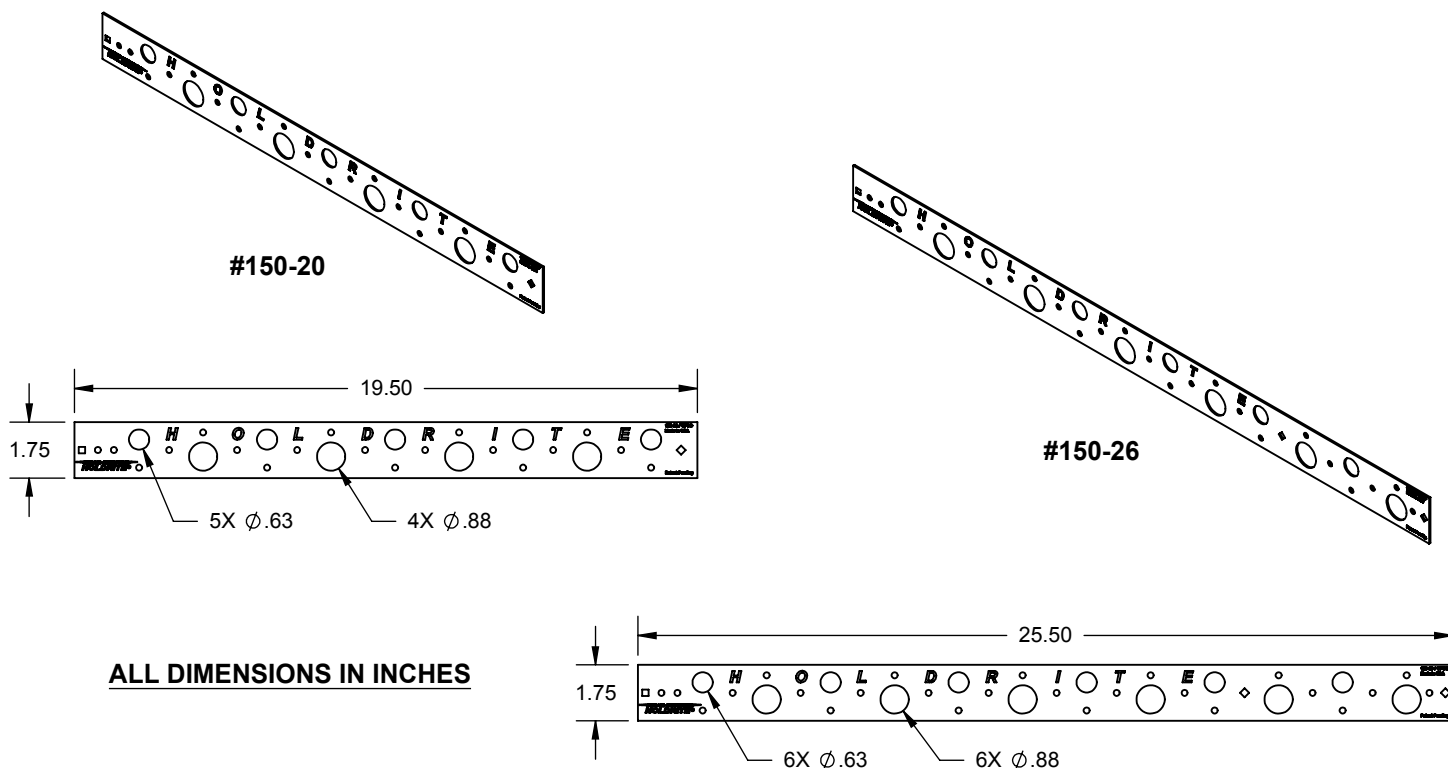
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spec\_140\_141\_RevE

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

# PRODUCT SPECIFICATION DRAWING

## HOLDRITE® #150-20 & #150-26



The HOLDRITE® #150-20 and #150-26 are Copper-Bonded™ steel brackets for support of 1/2" and 3/4" pipes on 4" or 8" centers. The #150-20 & #150-26 position copper water supplies for sinks, water closets, and other fixtures. When soldering, heat the pipe, not the bracket.

### Product Information:

- Material: 16 gage CRS, Copper-Bonded™
- Load rating: 25 pounds
- UPC / IPC / IAPMO listed



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# HOLDRITE®

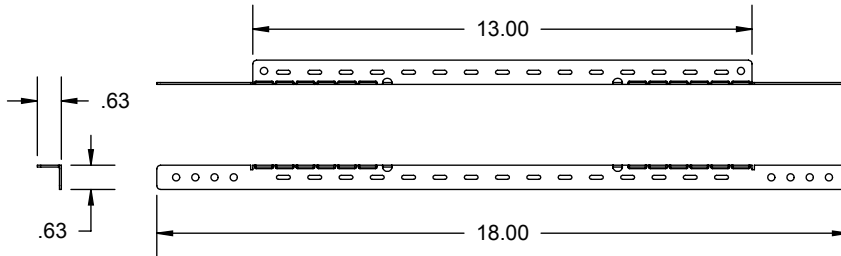
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spec\_150-20\_-26\_RevG

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

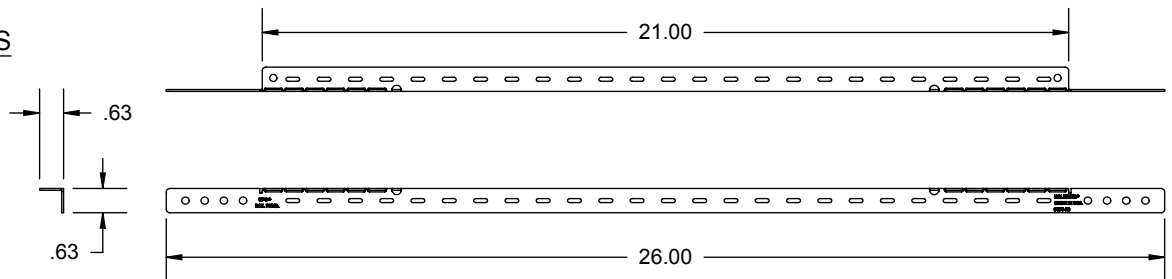
# PRODUCT SPECIFICATION DRAWING HOLDRITE® #170 & #170-26 BRACKETS

#170



#170-26

ALL DIMENSIONS IN INCHES



Versatile, galvanized steel brackets providing a platform for horizontal or vertical tube support. Also ideal for shower head, diverter, tub spout and sink applications. Use HOLDRITE #251 Rapid Clamp™, Pro Clamp™, Stout Clamp™ and other industry clamps. Perforated tear feature allows brackets to fit into narrow stud bays. Bendable end tabs allow brackets to be recessed into stud or joist bays.

## Product Information:

- Material: 18 gage CRS, galvanized per ASTM-A653, G90
- Load rating for #170: 35 pounds, center load, full span, maximum load rating
- Load rating for #170-26: 25 pounds, center load, full span, maximum load rating
- UPC / IPC / IAPMO listed
- UL listing



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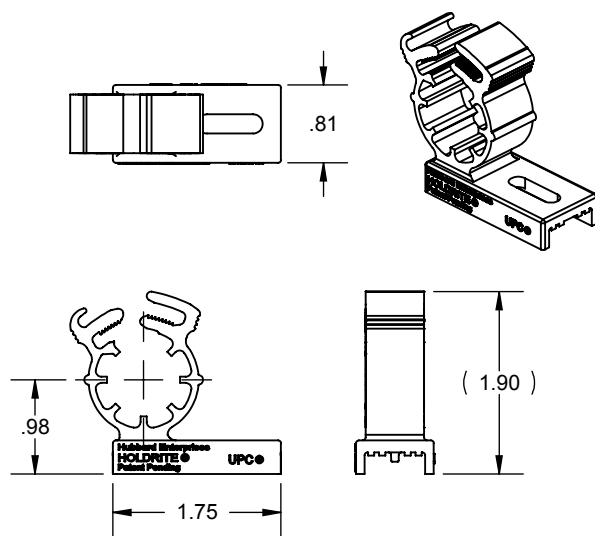
800-321-0316 OR 760-744-6944 / FAX: 760-744-0507 / WWW.HOLDRITE.COM  
spec\_170\_-26\_RevE

## Product Submittal

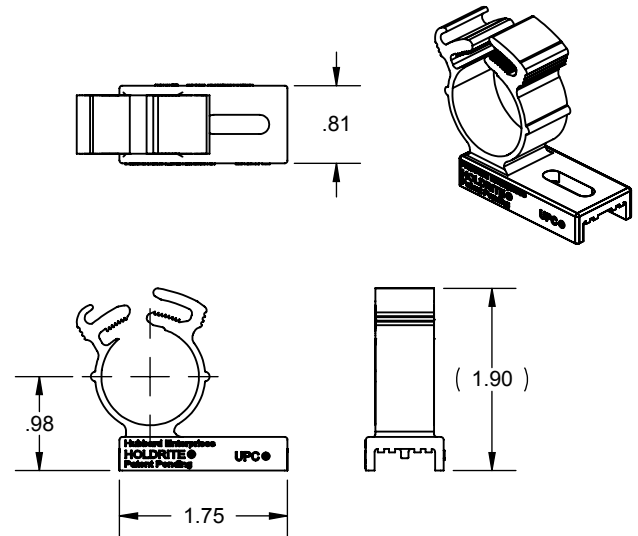
Job Name:	
Date:	
Part Number:	Qty:
Architect / Owner:	
Contractor:	
Notes:	

# PRODUCT SPECIFICATION DRAWING

## HOLDRITE® PRO CLAMP™ #201 & #202 (short)



**Model #201 (1/2" CTS)**



**Model #202 (3/4" CTS)**

ALL DIMENSIONS IN INCHES

The HOLDRITE® #201 and #202 Pro Clamps attach with a single fastener to the Stout Bracket™, EZ-Strut™ or other surfaces. "Flame Rated" per UL94V-2 standard.

### Product Information:

- Material: Nylon, blue, fire retardant to UL94V-2
- Load rating: 25 pounds
- Temperature rating: -10°F to 180°F
- Mounts to HOLDRITE® Stout Brackets™, EZ-Strut™ and #170 Series Brackets
- Attached directly to stud, joist, etc
- Holds CTS Copper, CPVC, PEX and PVC
- IAPMO listed, per standard PS42-96
- UPC / IPC Listed



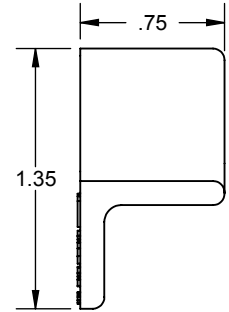
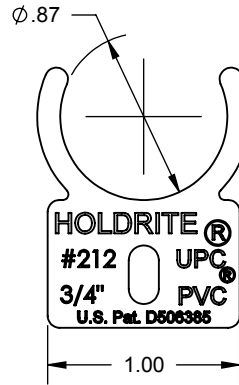
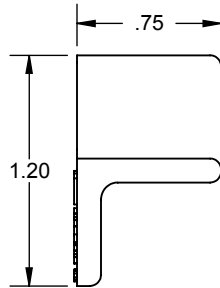
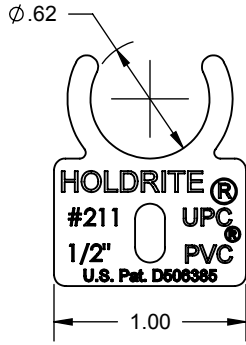
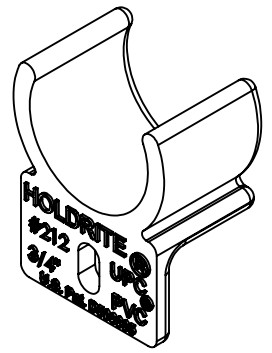
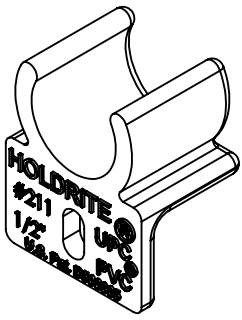
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spec\_201\_202\_Short\_RevG

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

# PRODUCT SPECIFICATION DRAWING HOLDRITE® SNAP CLAMP™ #211 & #212



Model #211 (1/2" CTS)

ALL DIMENSIONS IN INCHES

Model #212 (3/4" CTS)

The HOLDRITE® #211 and #212 Snap Clamps™ are flame retardant and secure Copper, PEX and CPVC. Glueable when used with CPVC. Mounts to Stout™ or EZ-Strut™ brackets or directly to framing. Available for 1/2" and 3/4" tube sizes. (S) series clamps are 25/50 Flame Rated and non-glueable.

## Product Information:

- Material: PVC Fire Retardant, white, UL94V-0
- Compatible with PVC, CPVC, PEX and Copper
- Glueable when used with CPVC tubing
- Ability to hold CPVC (or PEX and Copper) piping in horizontal or vertical position
- Mountable to HOLDRITE® Stout Bracket™, #170 Series Brackets or directly to metal or wood framing
- U.S. Patent D506385
- UPC / IPC / IAPMO listed
- Temperature range: -10°F to +120°F



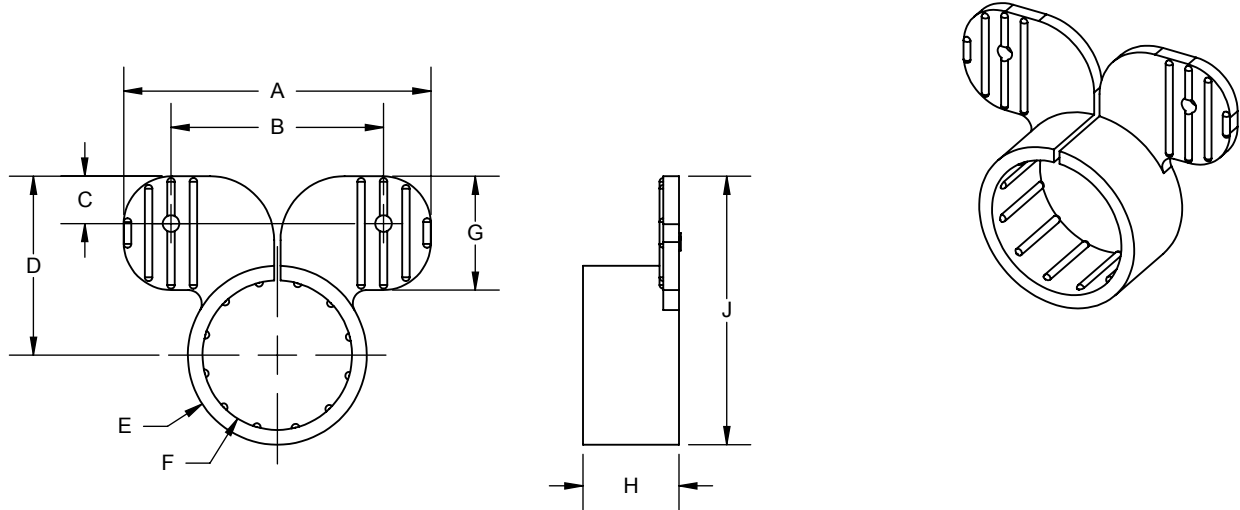
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spec\_211\_212\_Rev1

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

# PRODUCT SPECIFICATION DRAWING HOLDRITE® SUSPENSION CLAMP SERIES



MODEL	SIZE	A	B	C	D	E	F	G	H	J
#221	1/2"	1.93	1.45	0.25	1.00	Ø.87	Ø0.68	0.63	0.75	1.48
#222	3/4"	1.93	1.45	0.25	1.13	Ø1.12	Ø.95	0.64	0.75	1.70
#223	1"	2.40	1.63	0.37	1.45	Ø1.40	Ø1.17	0.89	0.75	2.10
#224	1 1/4"	2.90	2.30	0.37	1.60	Ø1.65	Ø1.41	0.89	0.85	2.35
#225	1 1/2"	2.90	2.30	0.37	1.85	Ø1.92	Ø1.67	0.89	1.00	2.75
#226	2"	3.40	2.30	0.37	2.10	Ø2.42	Ø2.15	0.89	1.00	3.20

All dimensions in inches. Dimensions (approximate)

**The HOLDRITE #220 Series Suspension Clamps are designed to support 1/2" through 2" tubing. Helps to eliminate noise transfer and isolates against dissimilar metal contact. Compatible with Copper, PEX, CPVC and other tubing.**

## Product Information:

- Material: Polypropylene, Light Gray.
- Suspension clamp mounts to HOLDRITE Stout Brackets®, #170 Series Brackets, or flush mounted to walls/joists to support Copper, PEX and CPVC tubing

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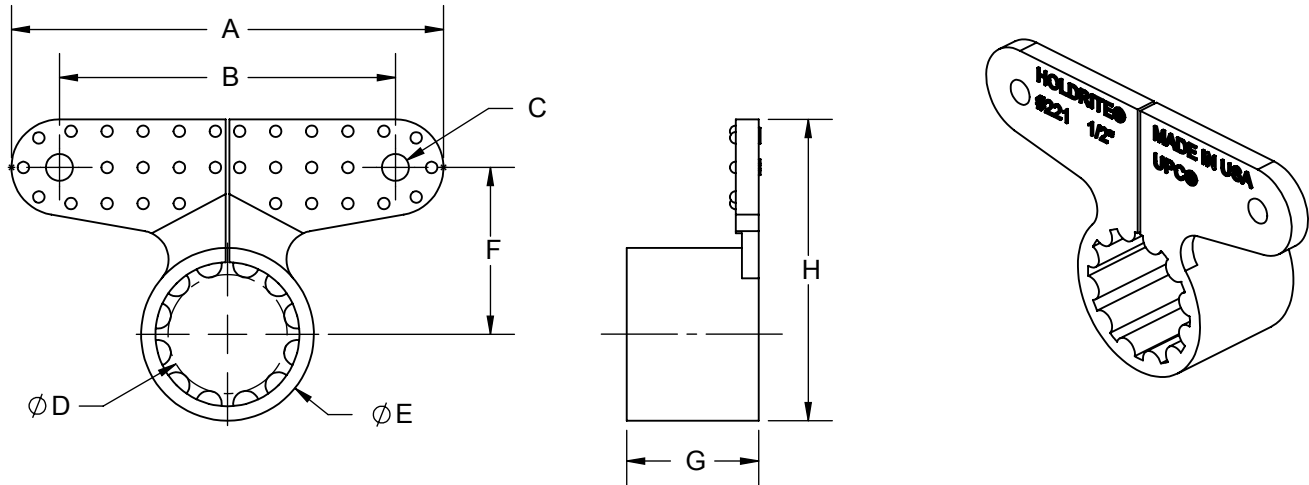
800-321-0316 OR 760-744-6944 / FAX: 760-744-0507 / WWW.HOLDRITE.COM  
spec\_221 thru 226\_RevG

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

# PRODUCT SPECIFICATION DRAWING

## HOLDRITE® FLAME FIGHTER™ #221-S & #222-S

### (25/50 Plenum rated)



MODEL	SIZE	A	B	C	D	E	F	G	H
#221-S	1/2"	2.25	1.75	Ø.14	Ø.62	Ø.90	0.87	0.69	1.57
#222-S	3/4"	2.25	1.75	Ø.14	Ø.87	Ø1.17	0.89	0.69	1.72

All dimensions in inches. Dimensions (approximate)

**Flame and smoke rated plastic clamp for 1/2" and 3/4" tubing. Meets ASTM E-84 25/50 and UL94V-0. Helps to minimize noise transfer and isolates against dissimilar metal contact. Compatible with Copper, PEX, CPVC and other tubing.**

#### Product Information:

- Material: Kynar Flex, yellow, UL94V-0
- Temperature range: -20°F to +200°F
- Meets ASTM E-84 25/50 & UL94V-0
- UPC / IPC / IAPMO listed



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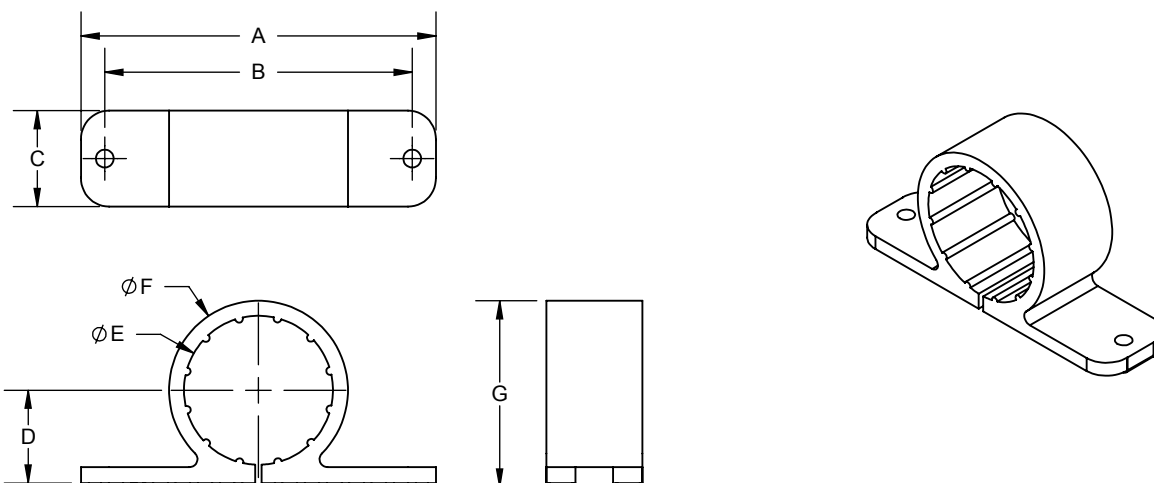
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800-321-0316 OR 760-744-6944 / FAX: 760-744-0507 / WWW.HOLDRITE.COM  
spec\_221-S\_222-S\_RevF

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



# PRODUCT SPECIFICATION DRAWINGS HOLDRITE® STANDARD CLAMP SERIES



MODEL	SIZE	A	B	C	D	E	F	G
#231	1/2"	2.05	1.45	0.67	0.44	Ø0.67	Ø0.80	0.87
#232	3/4"	2.33	1.53	0.67	0.58	Ø0.89	Ø1.07	1.16
#233	1"	2.77	2.40	0.75	0.65	Ø1.15	Ø1.40	1.45
#234	1 1/4"	2.77	2.37	0.85	0.80	Ø1.40	Ø1.65	1.70
#235	1 1/2"	3.10	2.40	0.85	0.92	Ø1.67	Ø1.90	1.95
#236	2"	3.55	3.15	1.00	1.25	Ø2.18	Ø2.42	2.45

All dimensions in inches. Dimensions (approximate)

**The HOLDRITE #230 Series Standard Clamps are designed to support 1/2" through 2" tubing. Helps to minimize noise transfer and isolates against dissimilar metal contact. Compatible with Copper, PEX, CPVC and other tubing.**

## Product Information:

- Material: Polypropylene, Light Gray.
- Suspension clamp mounts to HOLDRITE Stout Brackets®, #170 Series Brackets or flush mounted to walls/joists to support Copper, PEX and CPVC tubing

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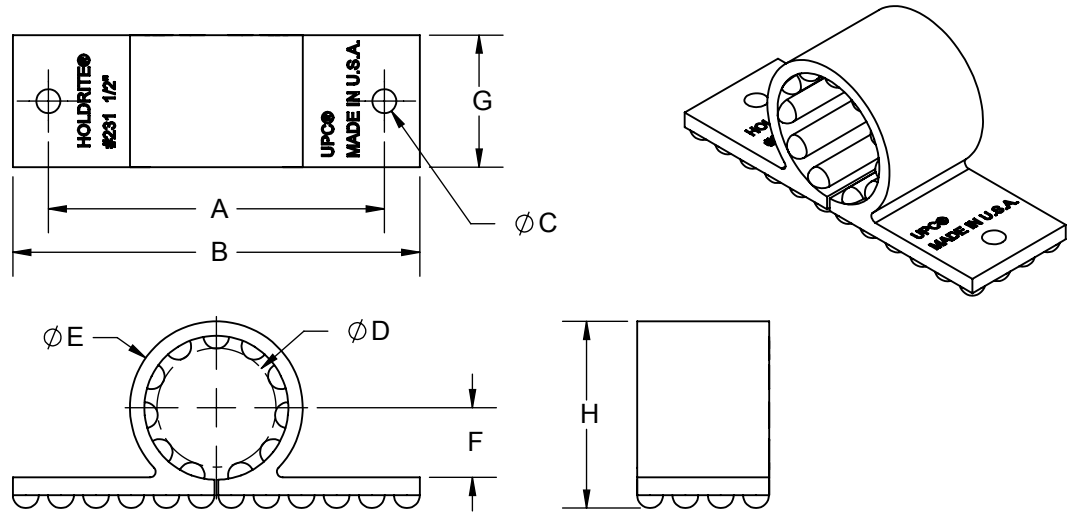
800-321-0316 OR 760-744-6944 / FAX: 760-744-0507 / WWW.HOLDRITE.COM  
spec\_231 thru 236\_RevG

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

# PRODUCT SPECIFICATION DRAWING

## HOLDRITE® FLAME FIGHTER™ #231-S & #232-S

### (25/50 Plenum rated)



MODEL	SIZE	A	B	C	D	E	F	G	H
#231-S	1/2"	2.12	1.75	Ø.13	Ø.62	Ø.90	0.37	0.69	0.97
#232-S	3/4"	2.12	1.75	Ø.13	Ø.87	Ø1.17	0.50	0.69	1.25

All dimensions in inches. Dimensions (approximate)

**Flame and smoke rated plastic clamp for 1/2" and 3/4" tubing. Meets ASTM E-84 25/50 and UL94V-0. Helps to minimize noise transfer and isolates against dissimilar metal contact. Compatible with Copper, PEX, CPVC and other tubing.**

### Product Information:

- Material: Kynar Flex, yellow, UL94V-0
- Temperature range: -20°F to +200°F
- Meets ASTM E-84 25/50 & UL94V-0
- UPC / IPC / IAPMO listed



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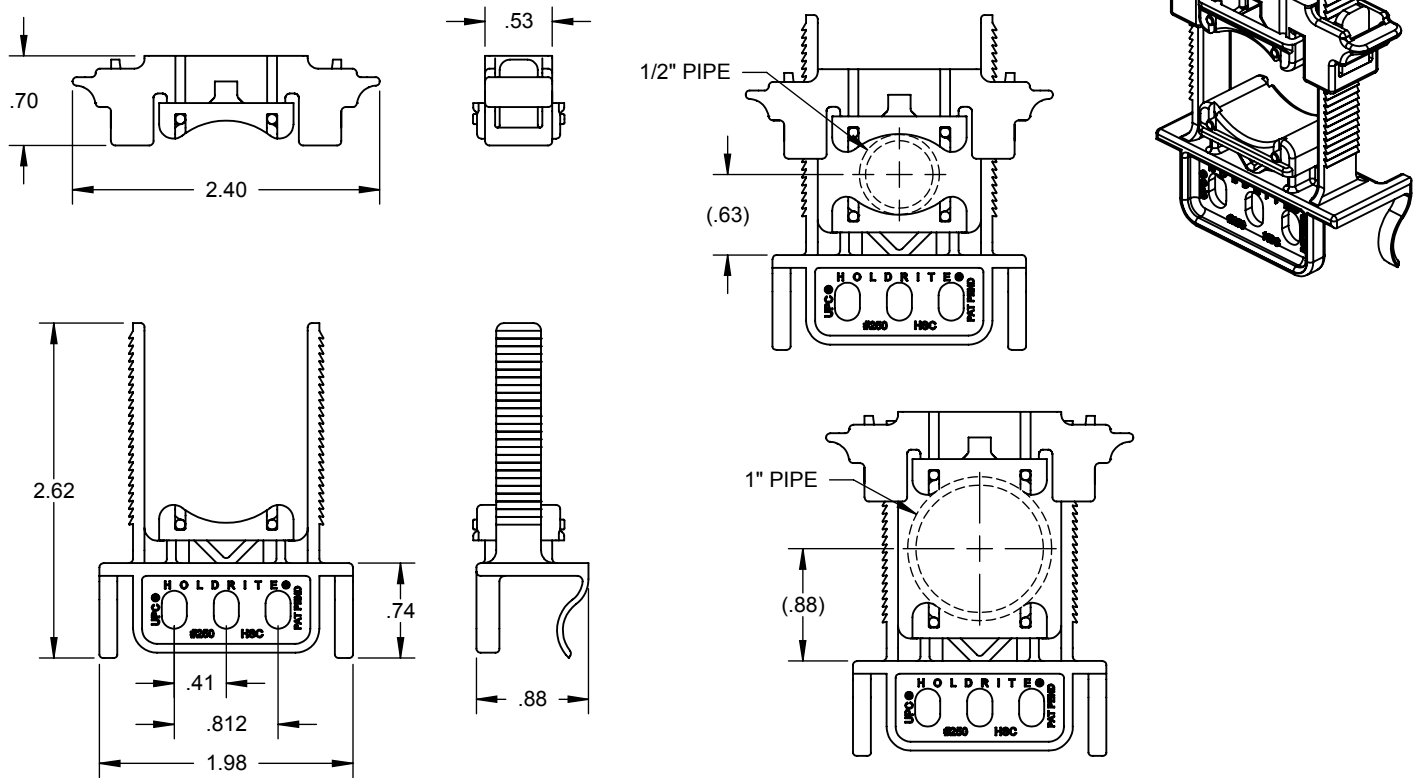
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spec\_231-S\_232-S\_RevF

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

# PRODUCT SPECIFICATION DRAWING

## HOLDRITE® STOUT CLAMP™ #250



ALL DIMENSIONS IN INCHES

The HOLDRITE® Stout Clamp™ #250 is a strong, sound rated variable closure clamp compatible with Copper, PEX, CPVC pipe, conduit, etc. Supports up to 1" CTS tubing sizes. Frame work complies with UL94V-2 fire rating and UPC listed.

### Product Information:

- Material:  
Top & Bottom clamp: Nylon, medium blue, FR UL94V-2  
Pads: TPR, natural (off-white), 50 shore A
- Temperature range: -10°F to 180°F
- Load rating: 25 lbs in suspended mode, 200 lbs maximum in top mount
- UPC / IPC listed
- IAPMO listed, per standard PS42-96
- Patent Pending

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spec\_250\_RevH

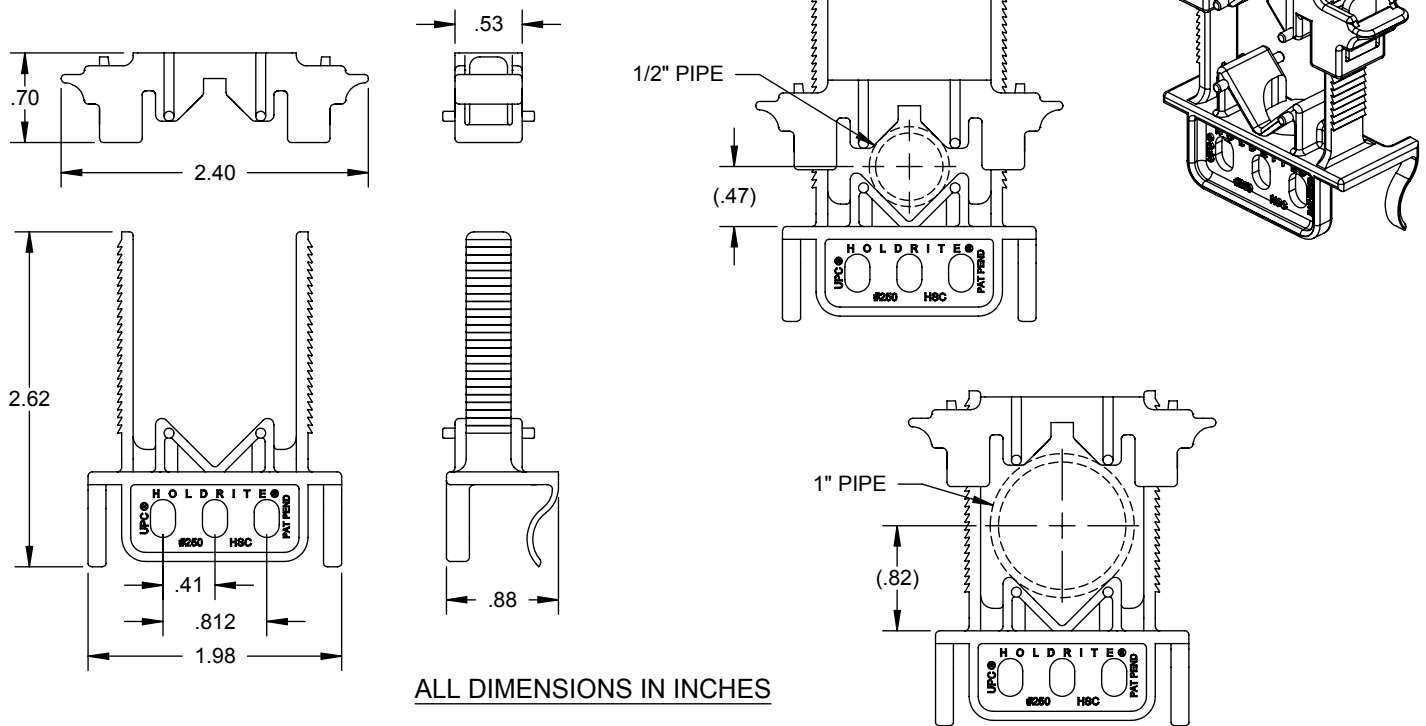


Product Submittal	
Job Name:	
Date:	
Part Number:	Qty:
Architect / Owner:	
Contractor:	
Notes:	

# PRODUCT SPECIFICATION DRAWING

## HOLDRITE® FLAME FIGHTER™ #250-S

### (25/50 Plenum rated)



The HOLDRITE® Flame Fighter™ #250-S is a flame and smoke rated variable closure clamp compatible with Copper, PEX, CPVC tubing, conduit, etc. Supports up to 1" CTS tubing sizes. Material meets ASTM E-84 25/50 and UL94V-0 fire rating.

### Product Information:

- Material: Kynar Flex, yellow, UL94V-0
- Temperature range: -20 °F to +200 °F
- Load rating: 25 lbs in suspended mode, 200 lbs maximum in top mount
- Meets ASTM E-84 25/50 and UL94V-0
- UPC / IPC / IAPMO listed



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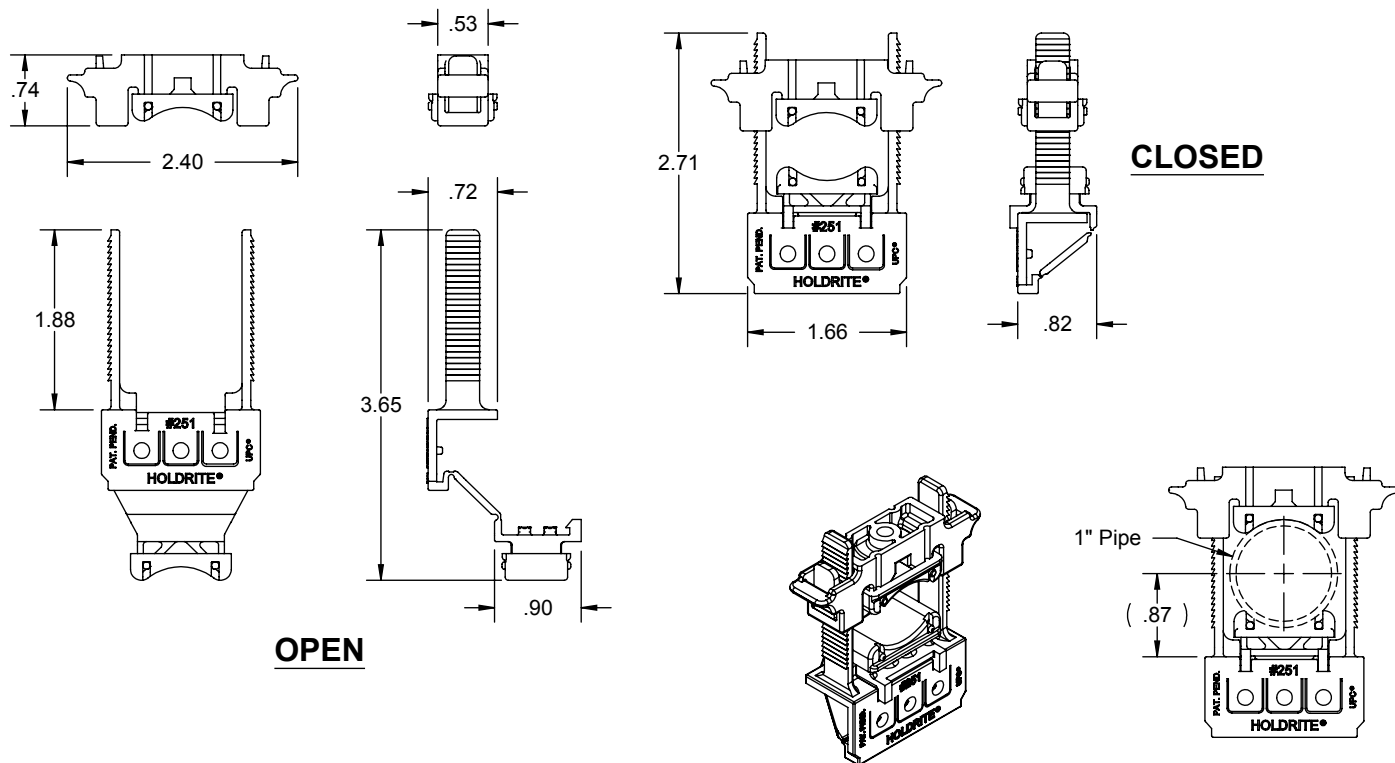
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 spec\_250-S\_RevH

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

# PRODUCT SPECIFICATION DRAWING

## HOLDRITE® Rapid Clamp™ #251



The HOLDRITE® Rapid Clamp™ #251 is a variable closure tube clamp designed to attach securely to the HOLDRITE #170 Bracket without the use of screws. Clamp supports up to 1" CTS tube size and is compatible with any tubing including Copper, PEX, CPVC tubing, and conduit. The #251 Rapid Clamp is UPC listed.

### Product Information:

- Material:  
Top & Bottom Clamp: Polypropylene, FR UL94-HB, Gray  
Pads: TPR, natural (off-white), 50 shore A
- Temperature range: -10°F to +140°F (suspension)  
-10°F to +180°F (top mount)
- Load rating: 25 lbs in suspended mode, 200 lbs maximum in top mount
- IAPMO listed, per standard PS42-96
- Patent Pending



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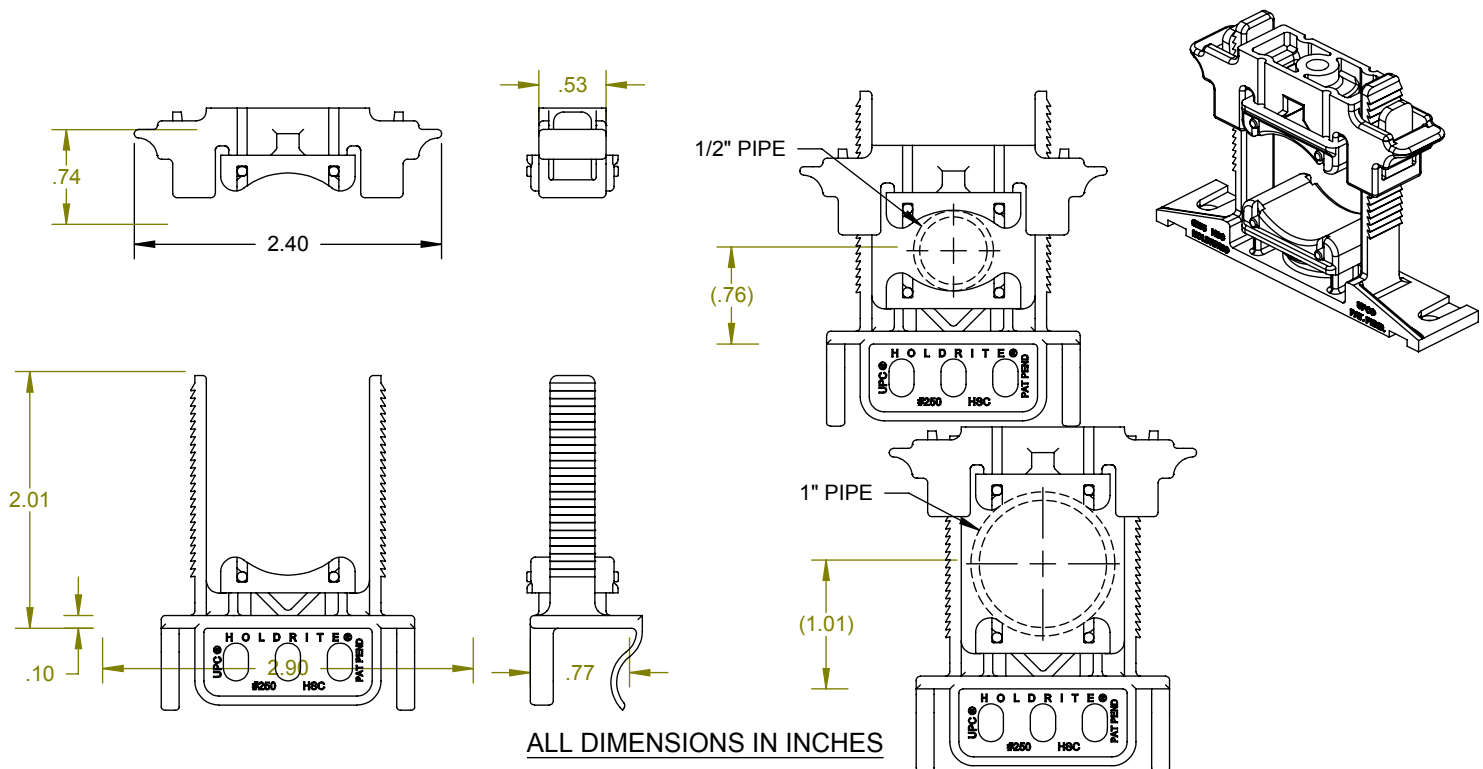
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spec\_251\_RevE

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

# PRODUCT SPECIFICATION DRAWING

## HOLDRITE® Acoustical Standard Clamp™ #255



The HOLDRITE® Acoustical Standard Clamp™ #255 is a strong, sound rated variable closure clamp that installs as a standard two hole pipe clamp with one or two screws. Two acoustical inserts insolate the pipe from the support structure, reducng pipng noise and vibration, while allowing normal pipe expansion and contraction. The clamp has a grip strong enough to serve as a stub-out clamp. Clamp supports up to 1" CTS tubing sizes. Supports Copper, PEX, CPVC tubing, conduit, etc. Frame work complies with UL94V-2 fire rating and UPC listed.

### Product Information:

- Material:  
Top & Bottom Clamp: Nylon, medium blue, FR UL94V-2  
Pads: TPR, natural (off-white), 50 shore A
- Temperature range: -10 °F to +180 °F
- Load rating: 25 lbs in suspended mode, 200 lbs maximum in top mount
- UPC / IPC listed
- IAPMO listed, per standard PS42-96
- Patent Pending



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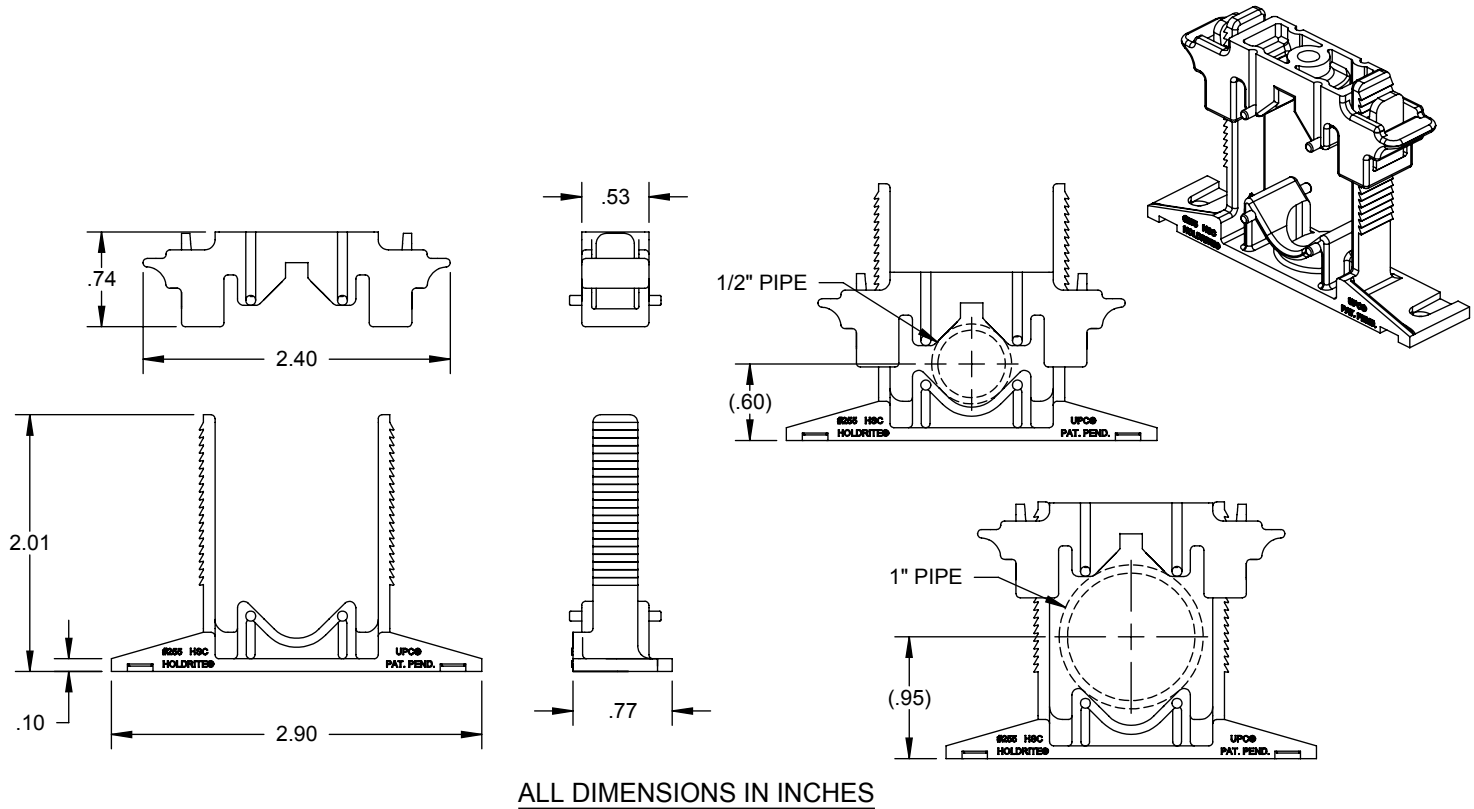
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spec\_255\_RevH

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

# PRODUCT SPECIFICATION DRAWING

## HOLDRITE® FLAME FIGHTER™ #255-S

(25/50 Plenum rated)



ALL DIMENSIONS IN INCHES

The HOLDRITE® Flame Fighter™ #255-S is a flame and smoke rated variable closure clamp that installs as a standard two hole pipe clamp with one or two screws. Clamp supports up to 1" CTS tubing sizes. Supports Copper, PEX, CPVC tubing, conduit, etc. Material meets ASTM E-84 25/50 and UL94V-0 fire rating.

### Product information:

- Material: Kynar Flex, yellow, UL94V-0
- Temperature range: -20°F to +200°F
- Load rating: 25 lbs in suspended mode, 200 lbs maximum in top mount
- Meets ASTM E-84 25/50 and UL94V-0
- UPC / IPC / IAPMO listed



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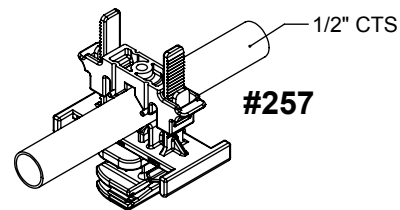
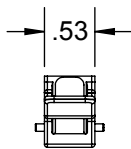
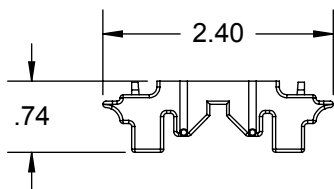
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spec\_255-S\_RevH

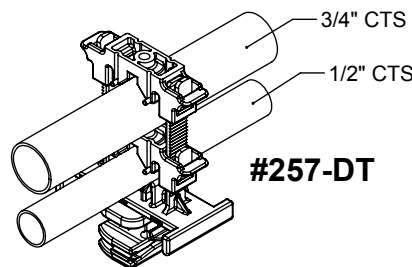
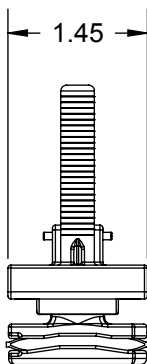
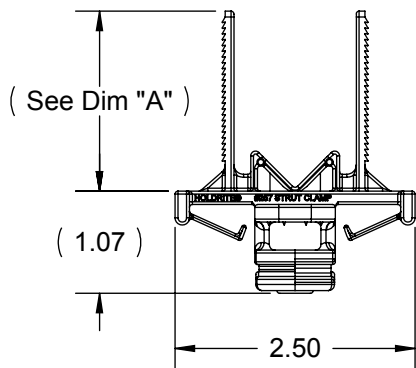
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# PRODUCT SPECIFICATION DRAWING

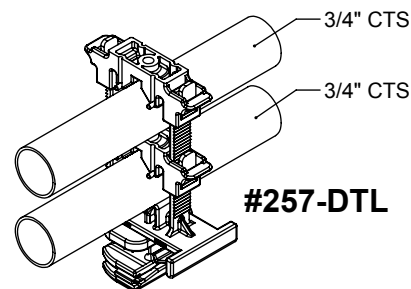
## HOLDRITE® #Strut Clamp™ #257 Series



ALL DIMENSIONS IN INCHES



Model #	Arm Length Dim "A"
257	1.875
257-DT	2.425
257-DTL	2.675



The HOLDRITE® Strut Clamp™ #257, #257-DT & #257-DTL is a strong variable closure clamp. Clamp supports up to 1" CTS tubing sizes. Supports Copper, PEX, CPVC tubing, conduit, etc. Framework complies with UL94V-2 fire rating.

### Product Information:

- Material:  
Top & Bottom Clamp: Nylon, medium blue, FR UL94V-2
- Temperature range: -10°F to +180°F
- Load rating: 25 lbs in suspended mode, 200 lbs maximum in top mount
- UPC / IPC / IAPMO listed



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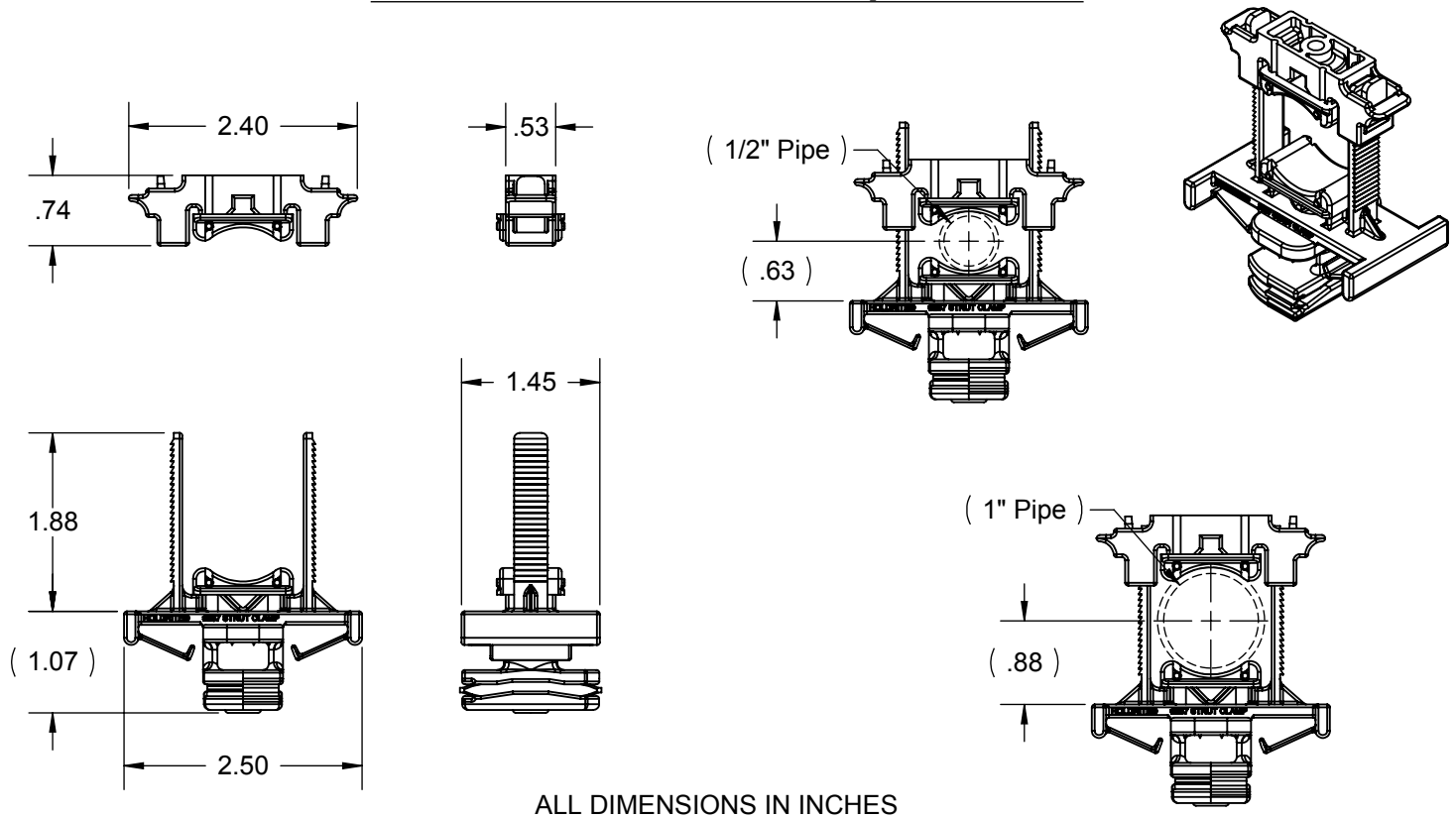
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spec\_257\_Series\_RevJ

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



# PRODUCT SPECIFICATION DRAWING

## HOLDRITE® #Strut Clamp™ #257-P



The HOLDRITE® Acoustical Strut Clamp™ #257-P is a strong, sound rated variable closure clamp. Two acoustical inserts isolate the pipe from the support structure, reducing piping noise and vibration, while allowing normal pipe expansion and contraction. Clamp supports up to 1" CTS tubing sizes. Supports Copper, PEX, CPVC tubing, conduit, etc. Framework complies with UL94V-2 fire rating.

### Product Information:

- Material:  
Top & Bottom Clamp: Nylon, medium blue, FR UL94V-2  
Pads: TPR, natural (off-white), 50 shore A
- Temperature range: -10°F to +180°F
- Load rating: 25 lbs in suspended mode, 200 lbs maximum in top mount
- UPC / IPC / IAPMO listed



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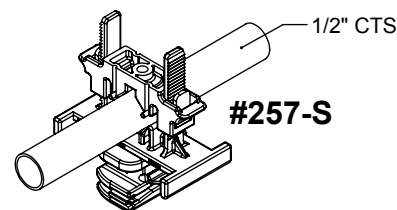
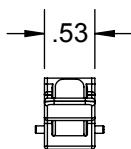
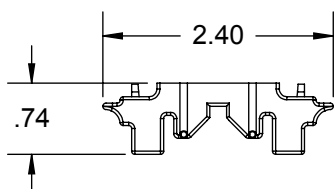
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spec\_257-P\_RevH

Product Submittal	
Job Name:	
Date:	
Part Number:	Qty:
Architect / Owner:	
Contractor:	
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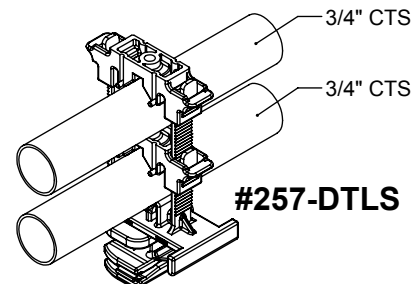
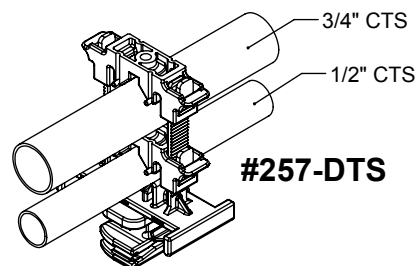
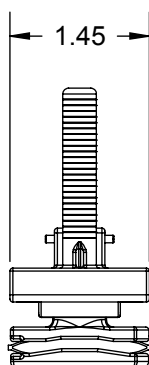
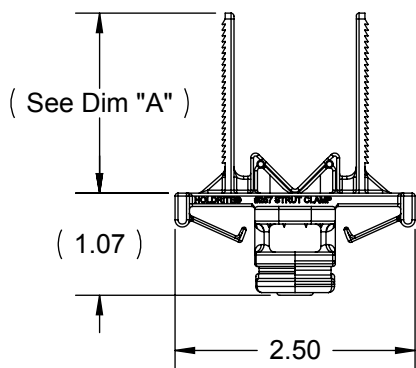
# PRODUCT SPECIFICATION DRAWING

## HOLDRITE® FLAME FIGHTER™ #257-S Series

### (25/50 Plenum Rated)



ALL DIMENSIONS IN INCHES



Model #	Arm Length Dim "A"
257-S	1.875
257-DTS	2.425
257-DTLS	2.675

The HOLDRITE Strut Clamp™ #257-S, #257-DTS & #257-DTLS is a flame and smoke rated variable closure clamp. Clamp supports up to 1" CTS tubing sizes. Supports Copper, PEX, CPVC tubing, conduit, etc. Material meets ASTM E-84 25/50 and UL94V-0 fire rating.

### Product Information:

- Material: Kynar Flex, Yellow, UL94V-0
- Temperature range: -20°F to +200°F
- Load rating: 25 lbs in suspended mode, 200 lbs maximum in top mount
- Meets ASTM E-84 25/50 and UL94V-0
- UPC / IPC / IAPMO listed



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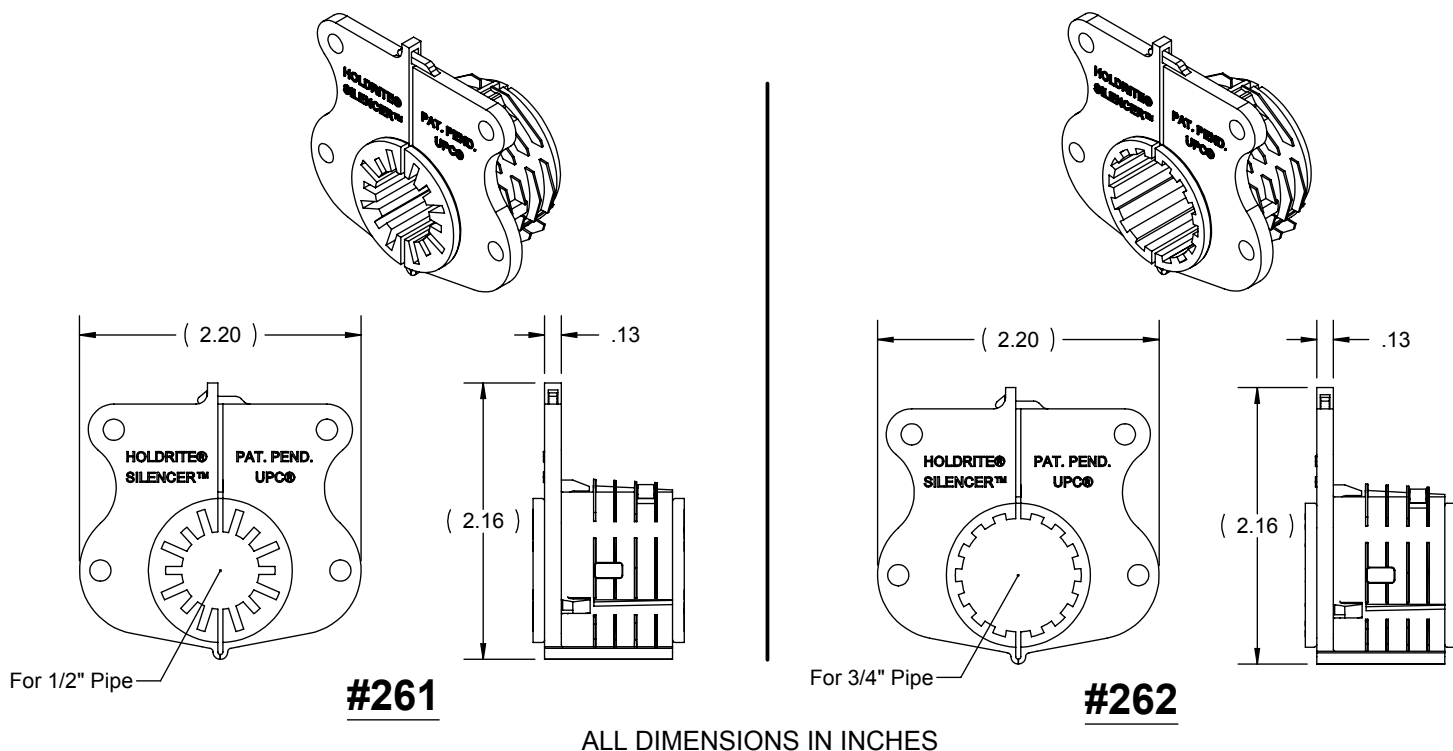
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spec\_257-S\_Series\_RevE

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

# PRODUCT SPECIFICATION DRAWING

## HOLDRITE® Silencer™ Through-Stud / Suspension Clamp #261 & #262



Model #'s 261 and 262 can be used as a suspension hanger, e.g., from a joist or cross-member or a HOLDRITE® Stout Bracket™, or as a through-hole isolator in wood or up to 14 gage metal framing into a 1-11/32" - 1-3/8" hole. As a through-hole isolator, they can also be used with HOLDRITE® #103, #121, and #709 series brackets. These models are used for securing and retaining tubing while providing superior acoustical isolation between the tubing and the supporting structure. Supports 1/2" and 3/4" CTS tube sizes. Supports Copper, PEX, CPVC tubing, conduit, etc. UPC listed.

### Product Information:

- Material:  
Shell: Polypropylene, blue, FR UL94-V2  
Isolators: TPE, natural (off-white), 45 shore A
- Temperature Range: -10°F to 140°F (suspension)  
-10°F to 180°F (through-stud)
- Load rating: 25 pounds in suspension mode
- UPC / IPC listed
- IAPMO listed, per standard PS42-96
- Patent Pending

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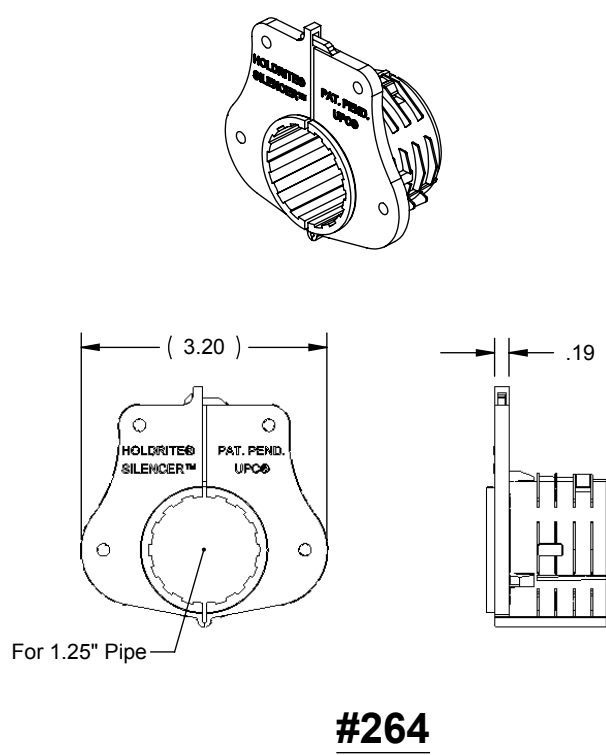
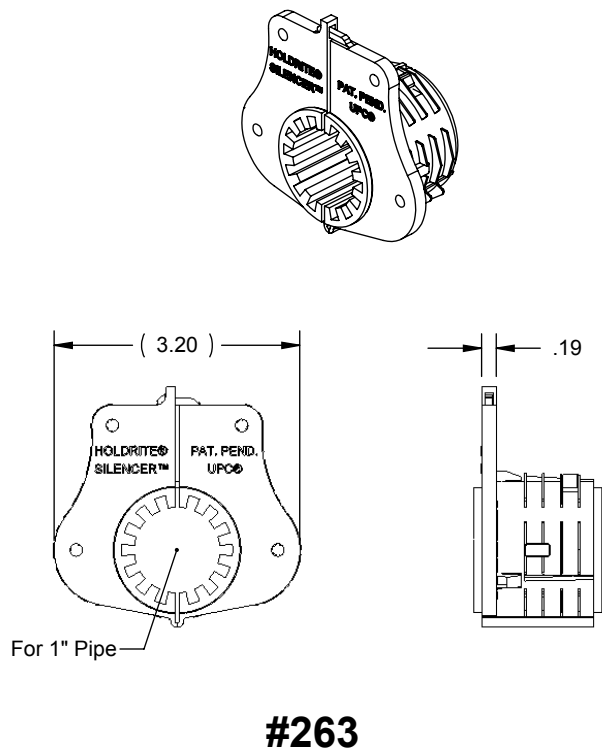
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spec\_261\_262\_RevP



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

# PRODUCT SPECIFICATION DRAWING

## HOLDRITE® Silencer™ Through-Stud / Suspension Clamp #263 & #264



ALL DIMENSIONS IN INCHES

Model #'s 263 and 264 can be used as a suspension hanger, e.g. from a joist or cross-member or a HOLDRITE® Strout Bracket™, or as a through-hole isolator in wood or metal framing. As a through-hole isolator, mounts in 2" hole in wood or sheet metal up to 14 gage. Secures and retains tubing while providing superior acoustical isolation between the tubing and the supporting structure. Supports 1" and 1-1/4" CTS tube sizes. Supports Copper, PEX and CPVC tubing.

### Product Information:

- Material:  
Shell: Polypropylene, blue, FR UL94V-2  
Isolators: TPE, natural (off-white), 45 shore A
- Temperature range: -10°F to 140°F (suspension)  
-10°F to 180°F (through-stud)
- Load rating: 50 pounds in suspension mode
- UPC / IPC listed
- IAPMO listed, per standard PS42-96
- Patent Pending

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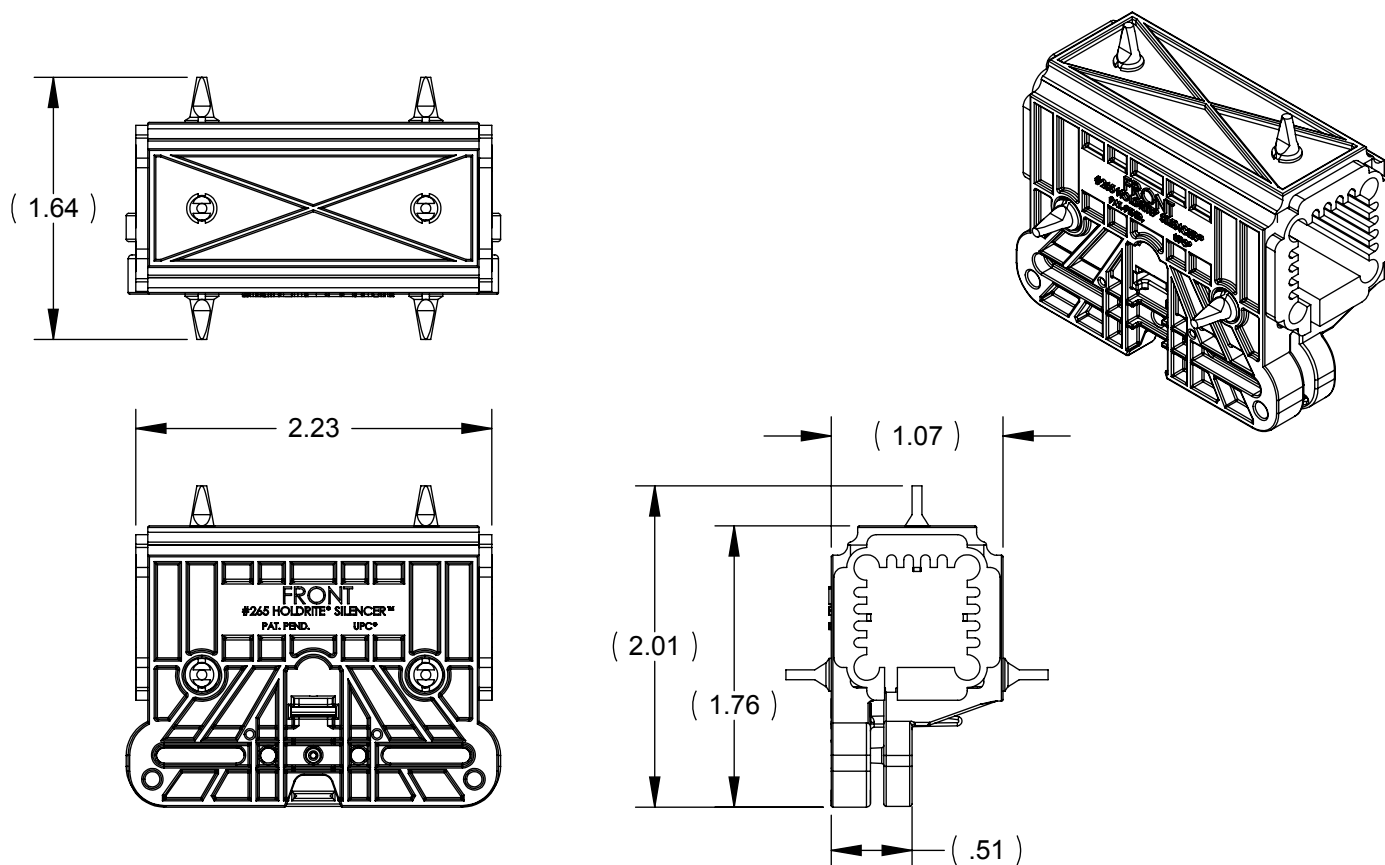
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spec\_263\_264\_RevJ



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

# PRODUCT SPECIFICATION DRAWING

## HOLDRITE® Silencer™ #265 Acoustical Shower Head/Tub Spout Clamp



ALL DIMENSIONS IN INCHES

The HOLDRITE Silencer #265 Acoustical Shower Head/Tub Spout Clamp is a strong and effective clamp for minimizing the noise generated at the shower or similar application. This clamp is designed for attachment to the Holdrite Stout Bracket® and accepts a drop eared 90° ell or similar fitting.

### Product Information:

- Materials:
  - Shell: Polypropylene, medium blue, UL94V-2
  - Isolator: Santoprene, 40 to 45 shore A, natural (off-white)
  - Screw Plate: 16 gage CRS, zinc plated
- Patent Pending
- UPC / IPC / IAPMO listed



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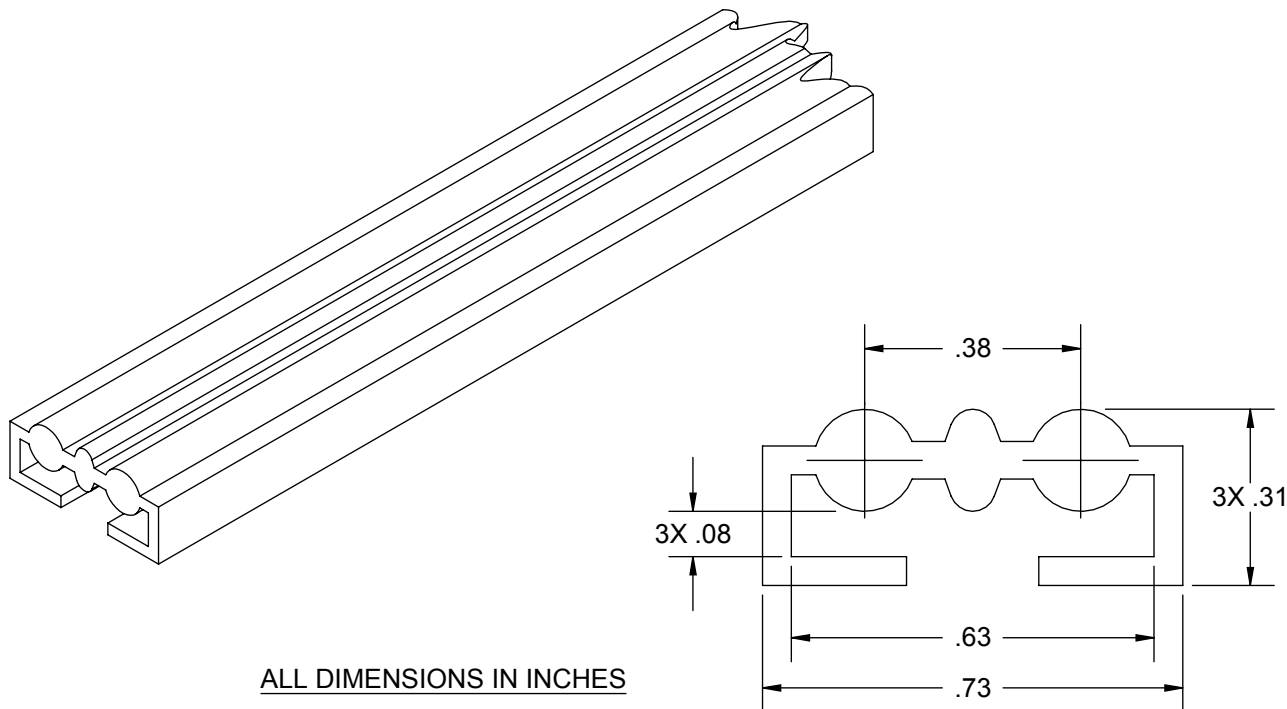
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 spec\_265\_RevE

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

# PRODUCT SPECIFICATION DRAWING

## HOLDRITE® #270 Acoustical Isolation Liner



Engineered sound insulation lining, minimizes the occurrence of frictional noises caused by thermal expansion of the pipes and protects against contact between dissimilar materials. Attaches to ends of HOLDRITE Stout Brackets™ or around pipes to provide isolation from structure. Also provide sound isolation between metal loop hangers and piping. Available in 50' rolls.

### Product Information:

- Material: Santoprene, 45 shore A, color white
- Temperature range: -30°F to 180°F



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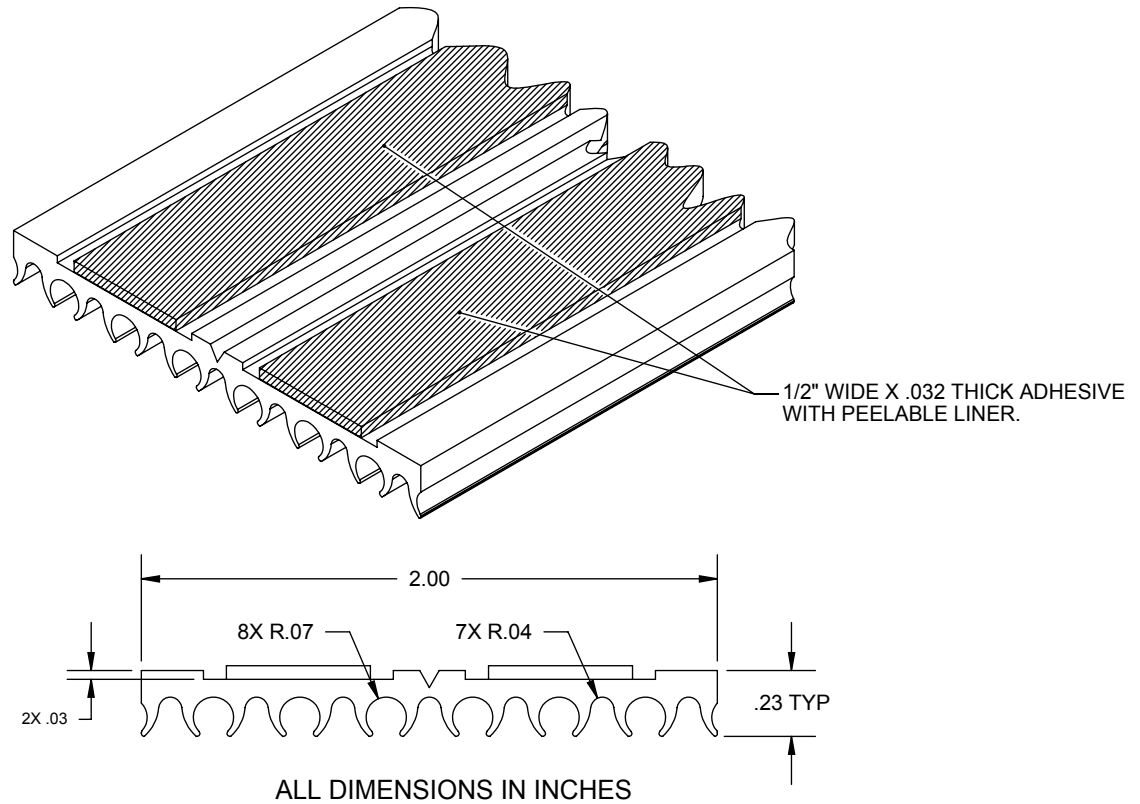
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spec\_270A\_RevD

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

# PRODUCT SPECIFICATION DRAWING

## HOLDRITE® Silencer™ #271 Self-Adhesive Acoustical Insulation Liner



The HOLDRITE® Silencer™ #271 is an engineered sound isolation lining with many versatile applications for use in minimizing noise transfer with plumbing and piping systems. This 2" wide strip comes in 25' rolls and can easily be cut down the center at 1" width. The self-adhesive strips provide grip to piping or hangers. Excellent for use in isolating against sound or dissimilar metal contact in hangers or through framing components.

### Product Information:

- Material: TPE, natural (off-white), 35 shore A
- Temperature range: -20°F to +180°F continuous services



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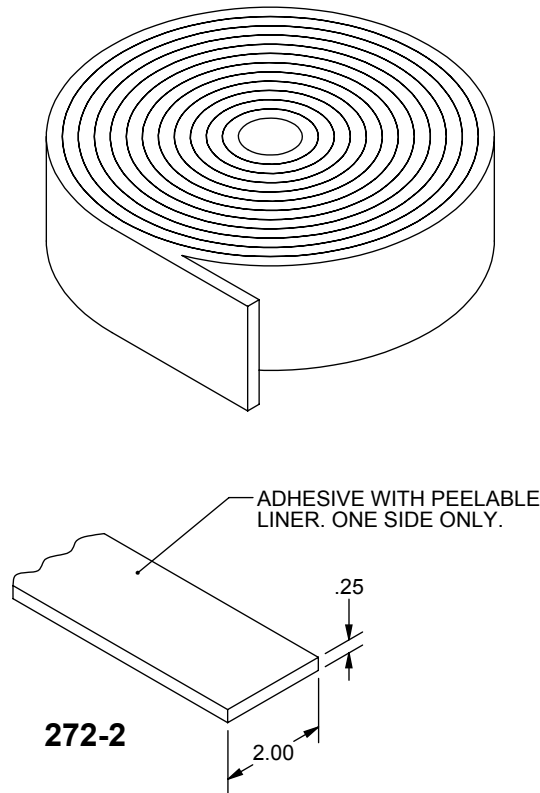
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spec\_271\_RevF

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



# PRODUCT SPECIFICATION DRAWING

## Felt 272-2 (Accessory)



**Felt #272-2 HOLDRITE® Isolating felt for use in eliminating dissimilar metal contact and providing sound and vibration isolation. One side is self-adhesive. Available in 25' roll.**

### Product Information:

- Material: White Polyester Felt, pressure-sensitive adhesive (PSA), rubber base, one side only

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spec\_272-2\_RevF



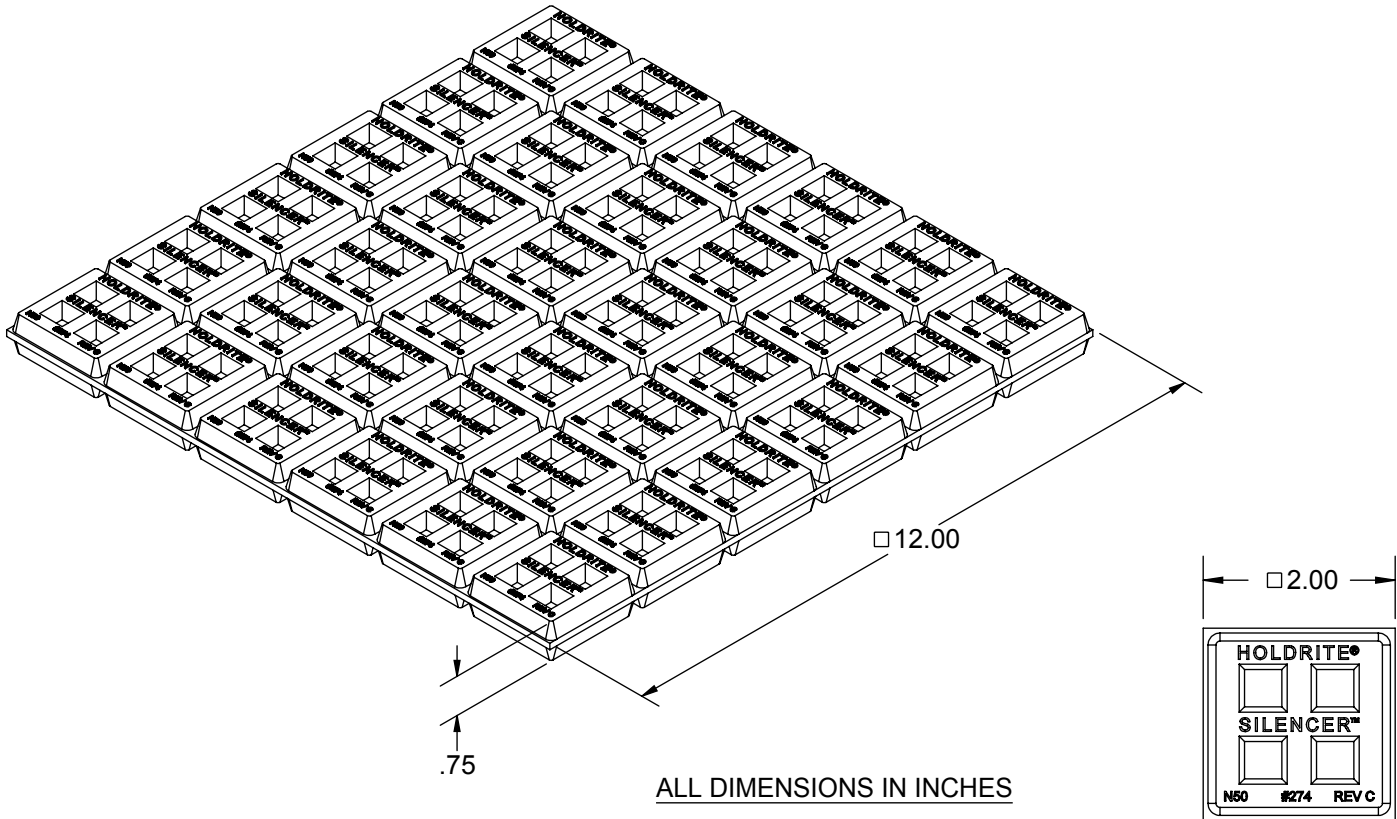
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Date:	
Part Number:	Qty:
Architect / Owner:	
Contractor:	
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# PRODUCT SPECIFICATION DRAWING

## HOLDRITE Riser Pad #274

(Riser clamp and equipment isolation)



The HOLDRITE Riser Pad #274 individually measures 2" X 2" X 3/4", that comes in sheet of 36. These can be separated from the sheet using scissors or knife.

### Product Information:

- Material: Neoprene, 50 shore A, off-white



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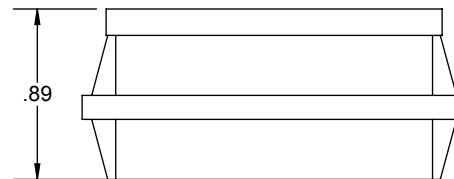
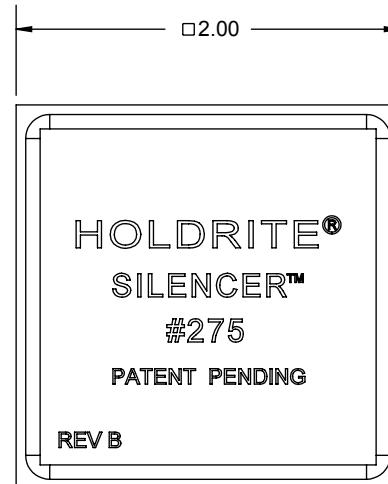
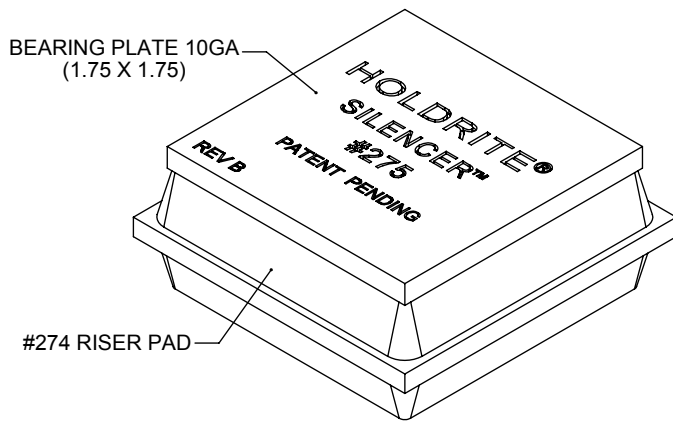
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800-321-0316 OR 760-744-6944 / FAX: 760-744-0507 / WWW.HOLDRITE.COM  
spec\_274\_RevD

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

# PRODUCT SPECIFICATION DRAWING

## HOLDRITE® Silencer™ #275



**The HOLDRITE Silencer™ #275 is an engineered sound and vibration riser pad with a steel bearing plate. Ideal for use in isolating riser clamps and equipment bases from noise transfer to the structure.**

### Product Information:

- Material:  
Bearing Plate: 10 gage, Galvanized CRS  
Riser Pad: Neoprene, 50 shore A, off-white

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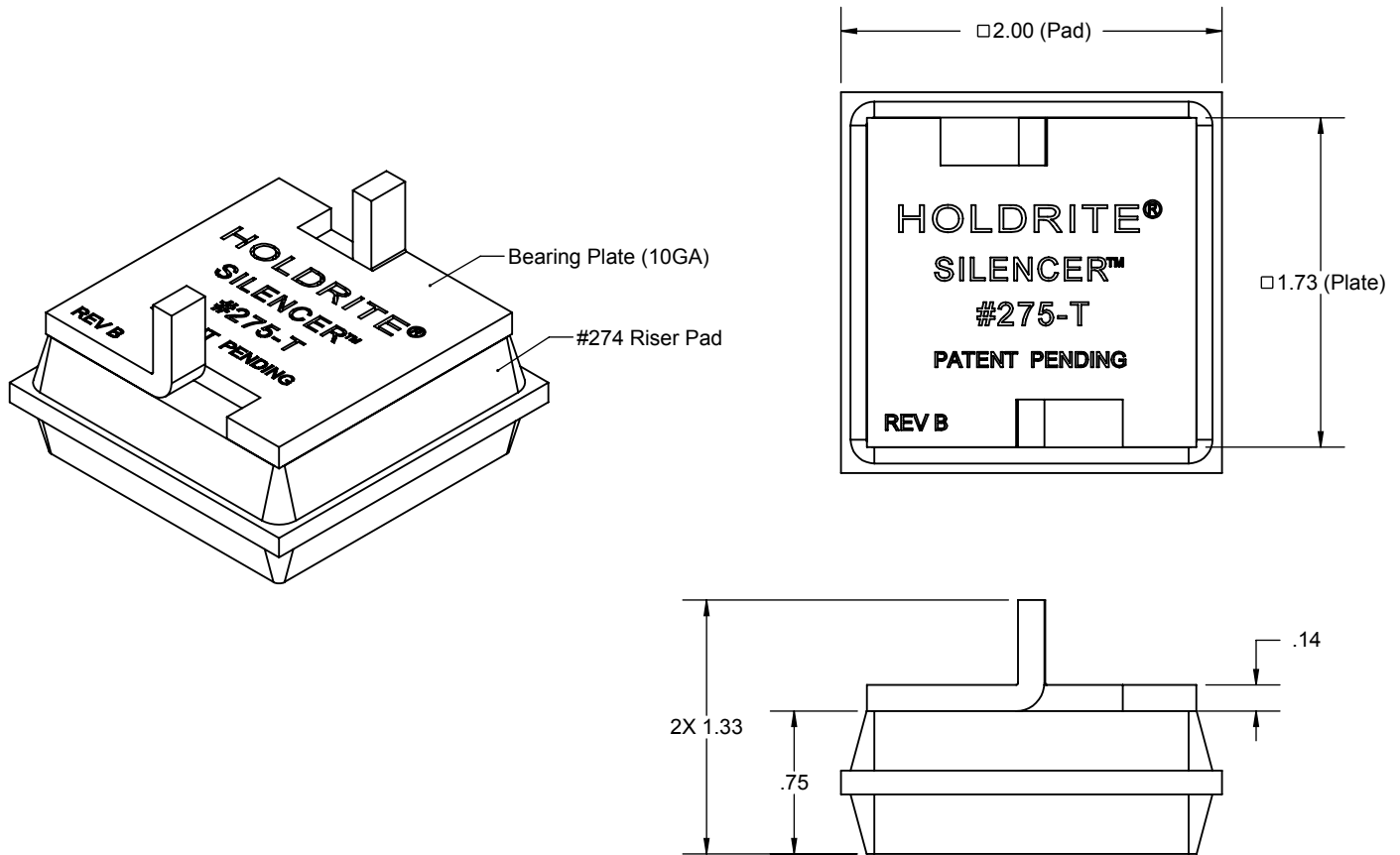
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800-321-0316 OR 760-744-6944 / FAX: 760-744-0507 / WWW.HOLDRITE.COM  
spec\_275\_RevC

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

# PRODUCT SPECIFICATION DRAWING

## HOLDRITE® Silencer™ #275-T



The HOLDRITE Silencer™ #275-T is an engineered noise and vibration isolating riser pad with a steel bearing plate. Ideal for use in isolating riser clamps from noise and vibration transfer to the structure. Unique vertical tabs protect from incidental displacement.

### Product Information:

- Material:
  - Bearing Plate: 10 gage, Galvanized CRS
  - Riser Pad: Neoprene, 50 Shore A, off-white
- Patent Pending
- Load Rating: 50 psi

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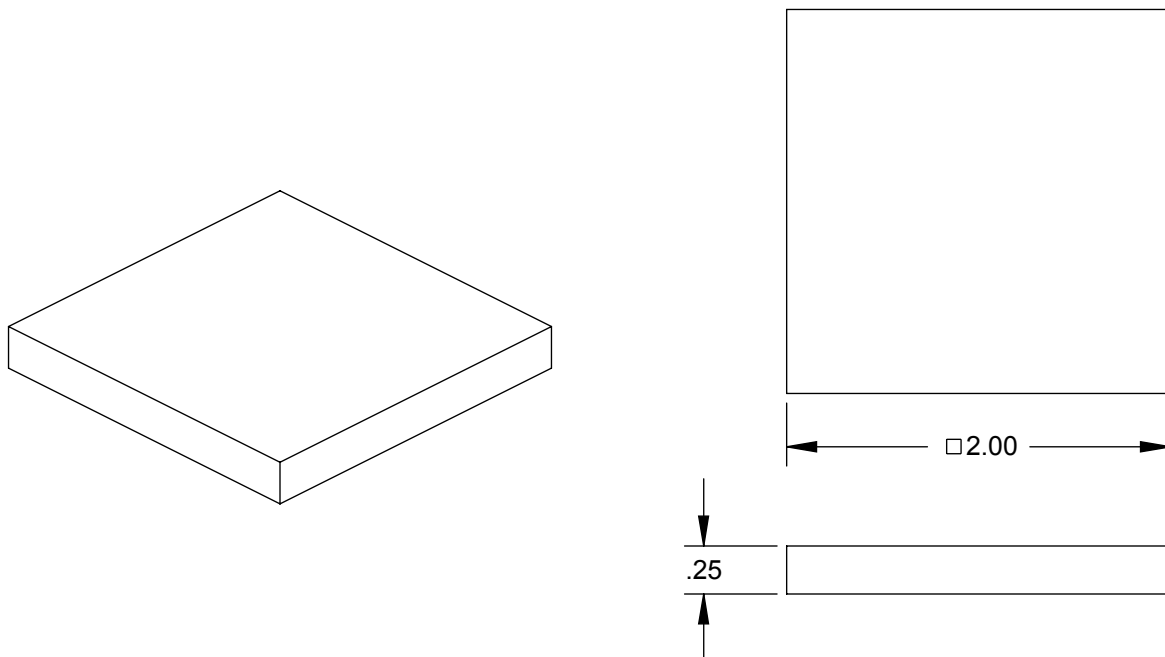
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 spec\_275-T\_RevE

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

# PRODUCT SPECIFICATION DRAWING

## HOLDRITE® Silencer™ #276 Isolation Pad (White)



ALL DIMENSIONS IN INCHES

**The HOLDRITE® Silencer™ #276 is an engineered sound and vibration isolation pad. Ideal for use in isolating riser clamps and equipment bases from noise transfer to the structure.**

### Product Information:

- Material: Neoprene, 50 Shore A  $\pm$  5, off-white
- Temperature range: -20°F to +180°F
- Load Rating: 50 psi



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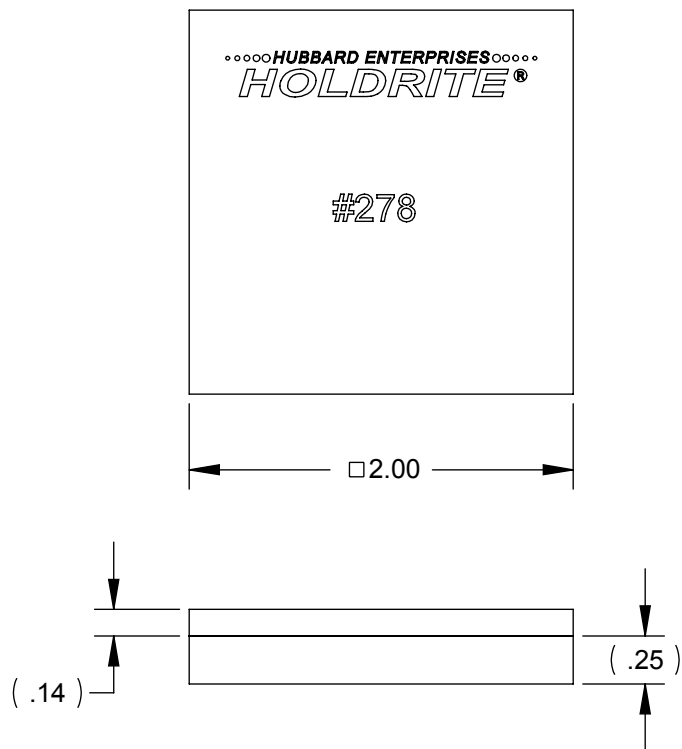
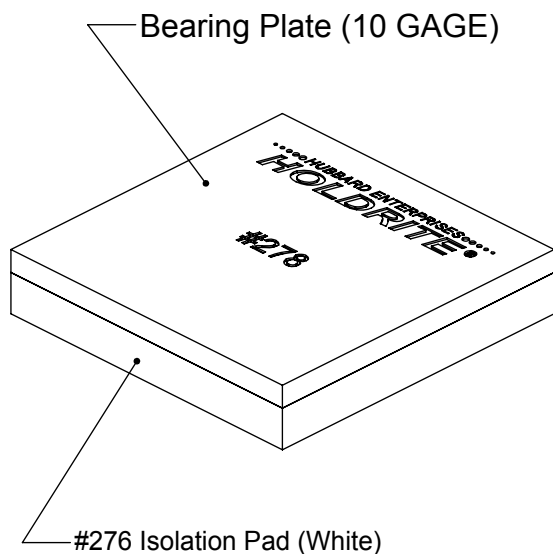
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spec\_276\_White\_RevD

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

# PRODUCT SPECIFICATION DRAWING

## HOLDRITE® Silencer™ #278 Isolation Pad (White)



ALL DIMENSIONS IN INCHES

The HOLDRITE® Silencer™ #278 is an engineered sound and vibration isolation pad with a steel bearing plate. Ideal for use in isolating riser clamps and equipment bases from noise transfer to the structure.

### Product Information:

- Material:  
Bearing Plate: 10 gage, CRS  
Isolating Pad: Neoprene, 50 Shore A, off-white
- Load Rating: 50 psi



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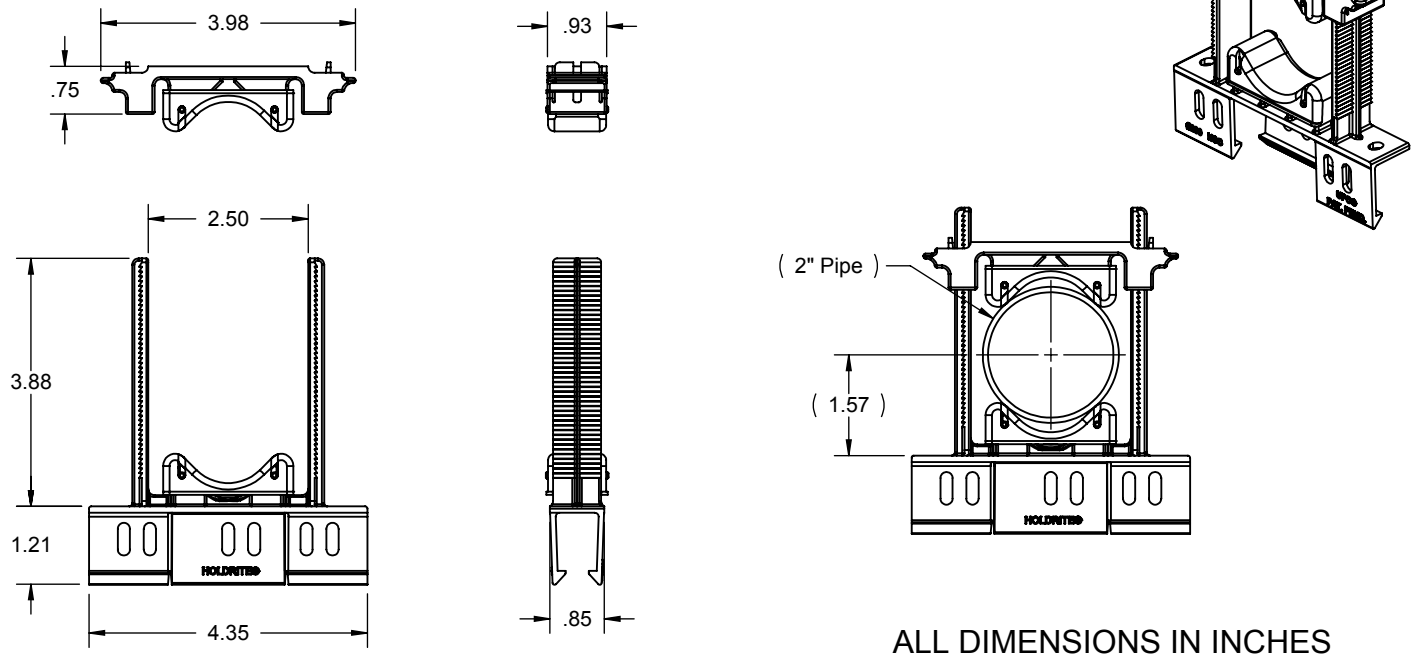
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spec\_278\_White\_RevD

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

# PRODUCT SPECIFICATION DRAWING

## HOLDRITE® Stout Clamp™ #280



Sound rated variable closure clamp that may be installed to HOLDRITE® EZ-Strut™ or Stout Brackets™ with only one to three screws (for maximum load in suspension mode). Two acoustical inserts isolate the pipe from the supporting structure, reducing waterline noise and vibration, while allowing normal pipe expansion and contraction. Variable closure clamp supports 1" - 2" CTS and IPS pipe sizes. Supports Copper, PEX, CPVC tubing, conduit, etc. Frame complies with UL94V-2 frame rating.

### Product Information:

- Material:  
Top & Bottom Clamp: Nylon, medium blue, FR UL94V-2  
Pads: TPR, natural (off-white), 50 shore A
- Temperature range: -10 °F to +180 °F
- Load rating: 75 lbs in suspended mode, 300 lbs maximum in top mount
- Patent Pending
- UPC / IPC / IAPMO listed

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spec\_280\_RevI

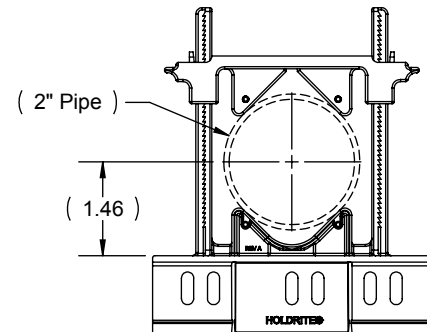
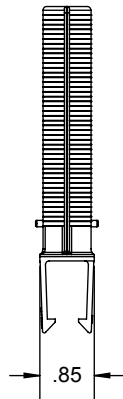
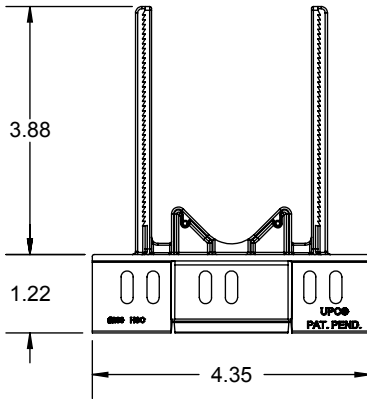
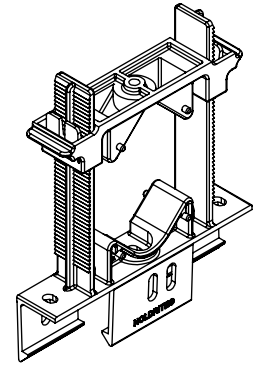
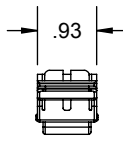
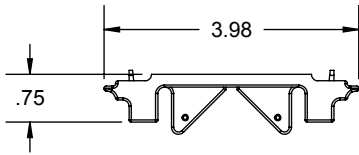


Product Submittal	
Job Name:	
Date:	
Part Number:	Qty:
Architect / Owner:	
Contractor:	
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# PRODUCT SPECIFICATION DRAWING

## HOLDRITE® FLAME FIGHTER™ #280-S

### (25/50 Plenum Rated)



ALL DIMENSIONS IN INCHES

The **HOLDRITE Stout Clamp™ #280-S** is a flame and smoke rated variable closure clamp. Clamp supports 1" to 2" CTS/IPS tubing sizes. Supports Copper, PEX, CPVC tubing, conduit, etc. Material meets ASTM E-84 25/50 and UL94V-0 fire rating.

### Product Information:

- Material: Kynar Flex, Yellow, UL94V-0
- Temperature range: -20°F to +200°F
- Load rating: 75 lbs in suspended mode, 300 lbs maximum in top mount
- Meets ASTM E-84 25/50 and UL94V-0
- UPC / IPC / IAPMO listed



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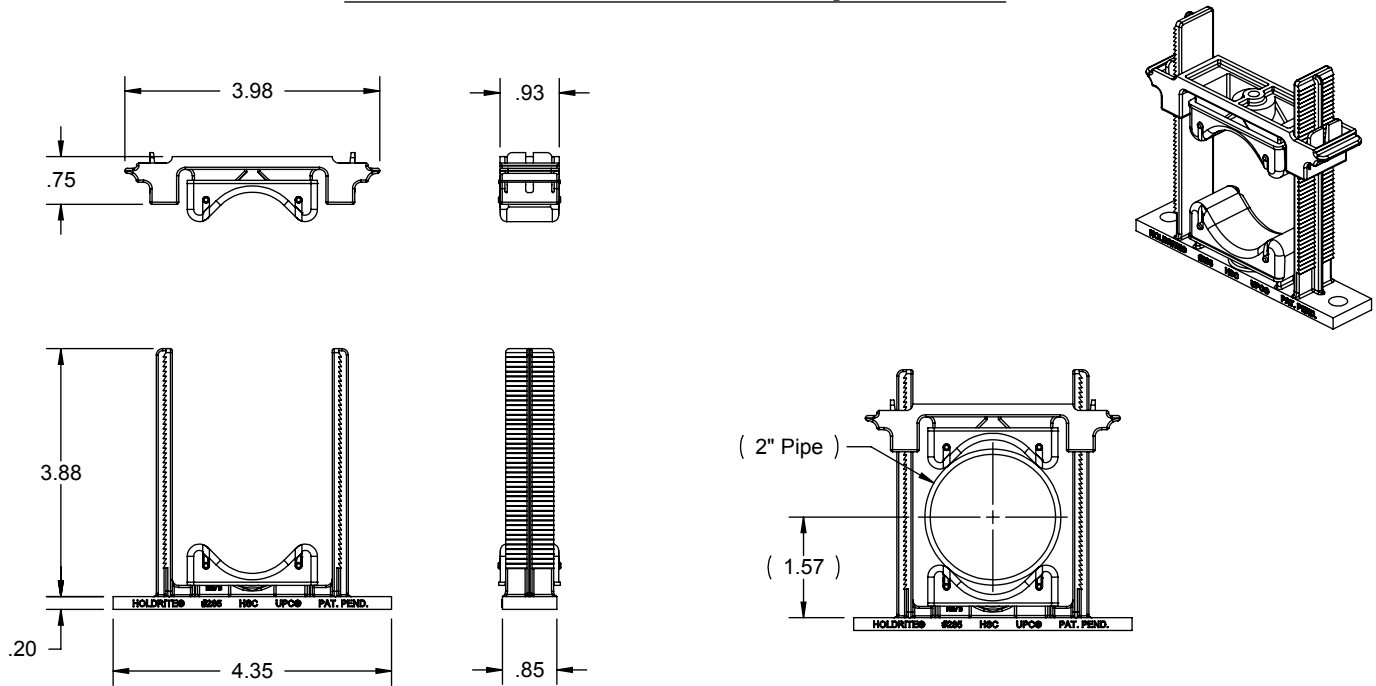
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spec\_280-S\_RevD

Product Submittal	
Job Name:	
Date:	
Part Number:	Qty:
Architect / Owner:	
Contractor:	
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# PRODUCT SPECIFICATION DRAWING

## HOLDRITE® Stout Clamp™ #285



ALL DIMENSIONS IN INCHES

Sound rated variable closure clamp that may be installed as a standard "two-hole" pipe clamp to flat surfaces, to HOLDRITE® EZ-Strut™ or Stout Brackets™ with one or two screws (for maximum load), or to flat surfaces by using 2 @ 1/4" hammer-set or other anchors. Two acoustical inserts isolate the pipe from the supporting structure, reducing waterline noise and vibration, while allowing normal pipe expansion and contraction. Variable closure clamp supports 1" - 2" CTS and IPS pipe sizes. Supports Copper, PEX, CPVC tubing, conduit, etc. Frame complies with UL94V-2 fire rating.

### Product Information:

- Material:  
Top & Bottom Clamp: Nylon, medium blue, FR UL94V-2  
Pads: TPR, natural (off-white), 50 shore A
- Temperature range: -10°F to +180°F
- Load rating: 75 lbs in suspended mode, 300 lbs maximum in top mount
- Patent Pending
- UPC / IPC / IAPMO listed



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spec\_285\_RevI

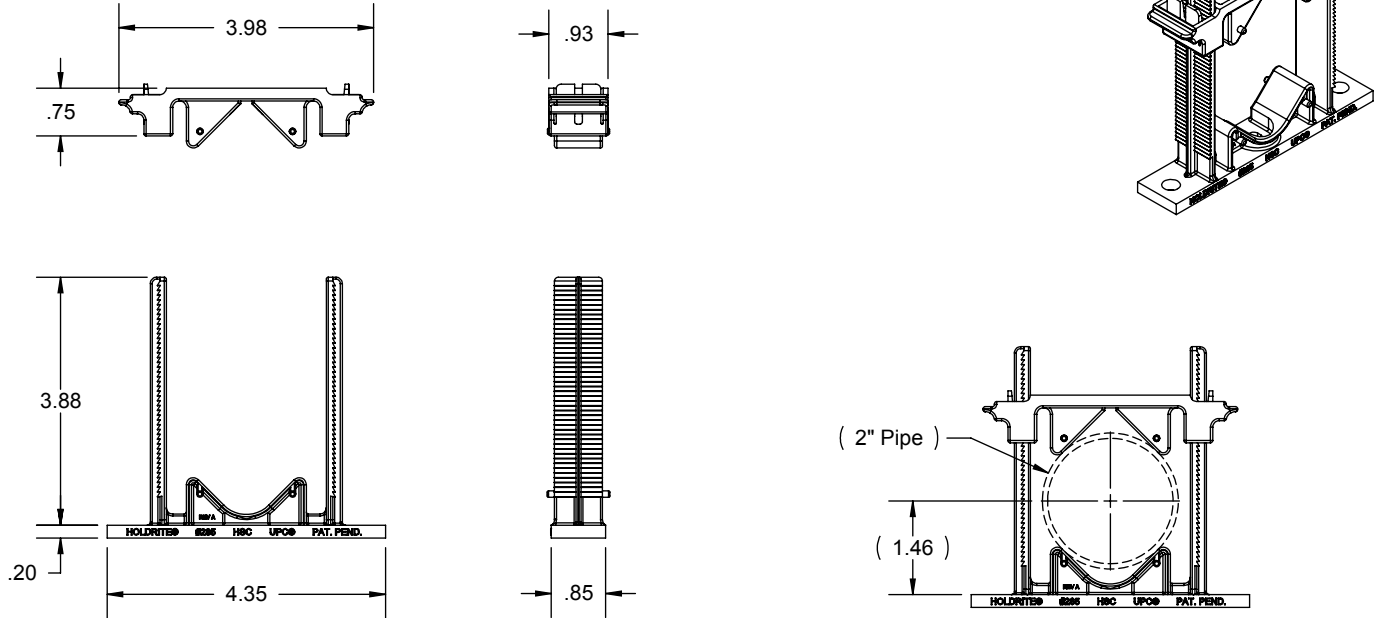
Product Submittal	
Job Name:	
Date:	
Part Number:	Qty:
Architect / Owner:	
Contractor:	
Notes:	



# PRODUCT SPECIFICATION DRAWING

## HOLDRITE® FLAME FIGHTER™ #285-S

### (25/50 Plenum Rated)



ALL DIMENSIONS IN INCHES

The HOLDRITE Stout Clamp™ #285-S is a flame and smoke rated variable closure clamp. Clamp supports 1" to 2" CTS/IPS tubing sizes. Supports Copper, PEX, CPVC tubing, conduit, etc. Material meets ASTM E-84 25/50 and UL94V-0 fire rating.

### Product Information:

- Material: Kynar Flex, Yellow, UL94V-0
- Temperature range: -20°F to +200°F
- Load rating: 75 lbs in suspended mode, 300 lbs maximum in top mount
- Meets ASTM E-84 25/50 and UL94V-0
- UPC / IPC / IAPMO listed



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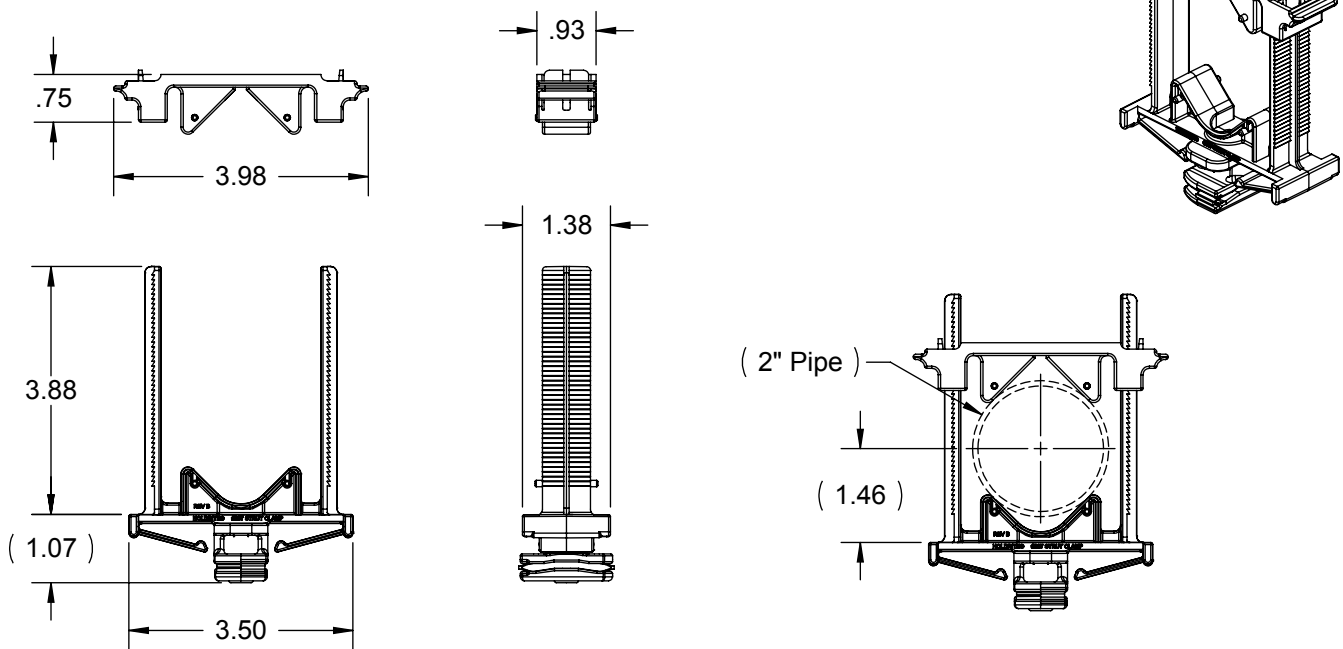
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spec\_285-S\_RevD

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

# PRODUCT SPECIFICATION DRAWING

## HOLDRITE® Strut Clamp™ #287

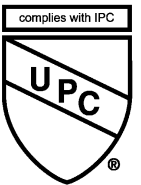


ALL DIMENSIONS IN INCHES

**The HOLDRITE® Strut Clamp™ #287 is a strong variable closure clamp. Clamp supports 1" to 2" CTS/IPS pipe sizes. Supports Copper, PEX, CPVC tubing, conduit, etc. Complies with UL94V-2 fire rating.**

### Product Information:

- Material: Top & Bottom Clamp: Nylon, medium blue, FR UL94V-2
- Temperature range: -10°F to +180°F
- Load rating: 75 lbs in suspended mode, 300 lbs maximum in top mount
- UPC / IPC / IAPMO listed



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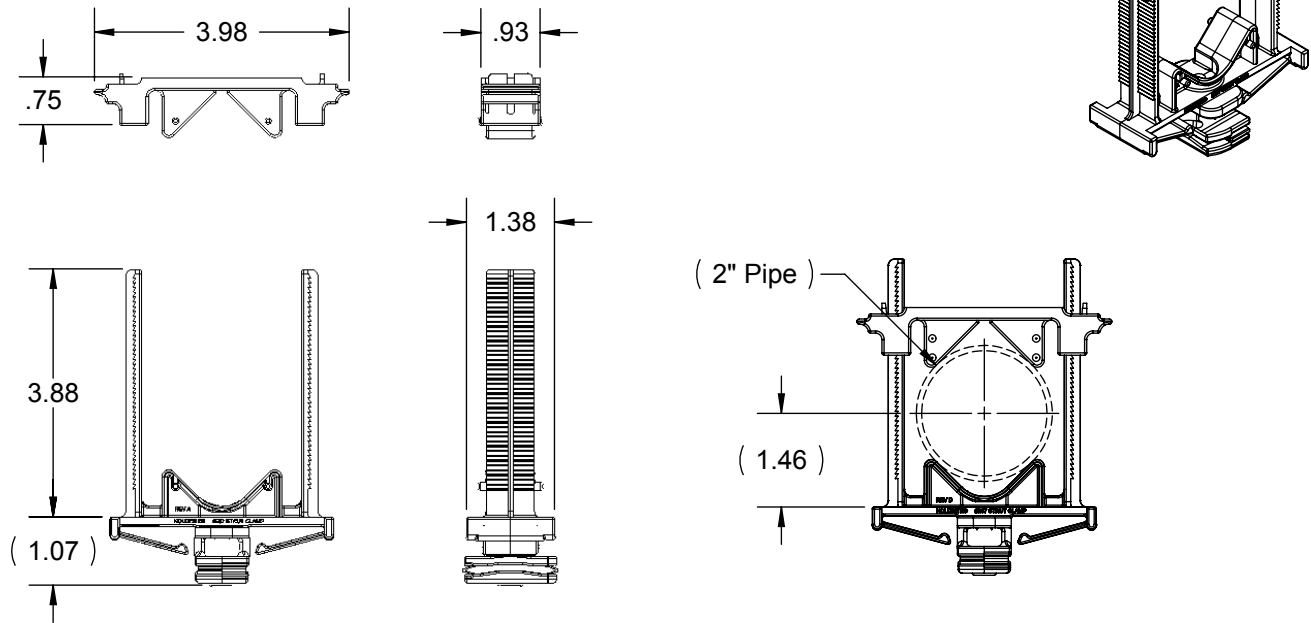
800-321-0316 OR 760-744-6944 / FAX: 760-744-0507 / WWW.HOLDRITE.COM  
spec\_287\_RevL

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

# PRODUCT SPECIFICATION DRAWING

## HOLDRITE® FLAME FIGHTER™ #287-S

### (25/50 Plenum Rated)

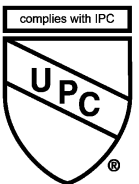


ALL DIMENSIONS IN INCHES

The HOLDRITE Strut Clamp™ #287-S is a flame and smoke rated variable closure clamp. Clamp supports 1" to 2" CTS/IPS tubing sizes. Supports Copper, PEX, CPVC tubing, conduit, etc. Material meets ASTM E-84 25/50 and UL94V-0 fire rating.

#### Product Information:

- Material: Kynar Flex, Yellow, UL94V-0
- Temperature range: -20°F to +200°F
- Load rating: 75 lbs in suspended mode, 300 lbs maximum in top mount
- Meets ASTM E-84 25/50 and UL94V-0
- UPC / IPC / IAPMO listed



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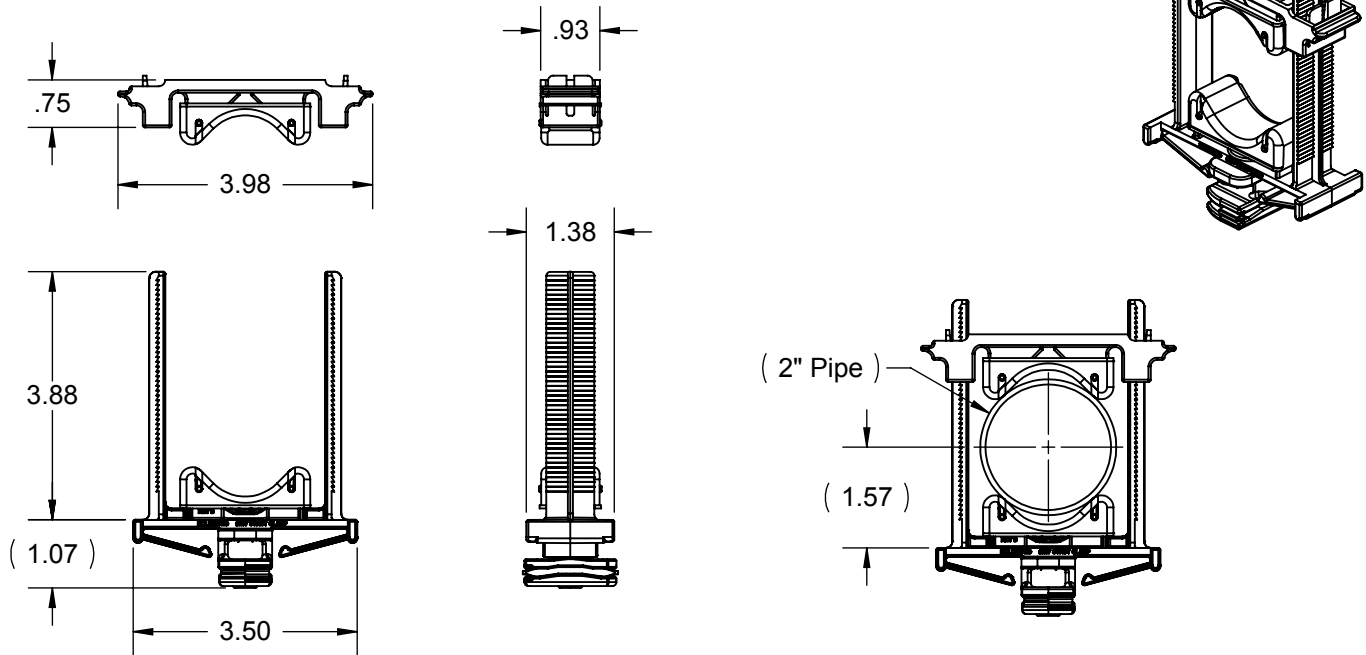
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spec\_287-S\_RevD

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

# PRODUCT SPECIFICATION DRAWING

## HOLDRITE® Strut Clamp™ #287-P



ALL DIMENSIONS IN INCHES

The HOLDRITE® Acoustical Strut Clamp™ #287-P is a strong , sound rated variable closure clamp. Two acoustical inserts isolate the pipe from the support structure, reducing piping noise and vibration, while allowing normal pipe expansion and contraction. Clamp supports 1" to 2" CTS/IPS pipe sizes. Supports Copper, PEX, CPVC tubing, conduit, etc. Framework complies with UL94V-2 fire rating.

### Product Information:

- Material:  
Top & Bottom Clamp: Nylon, medium blue, FR UL94V-2  
Pads: TPR, natural (off-white), 50 shore A
- Temperature range: -10°F to +180°F
- Load rating: 75 lbs in suspended mode, 300 lbs maximum in top mount
- UPC / IPC / IAPMO listed



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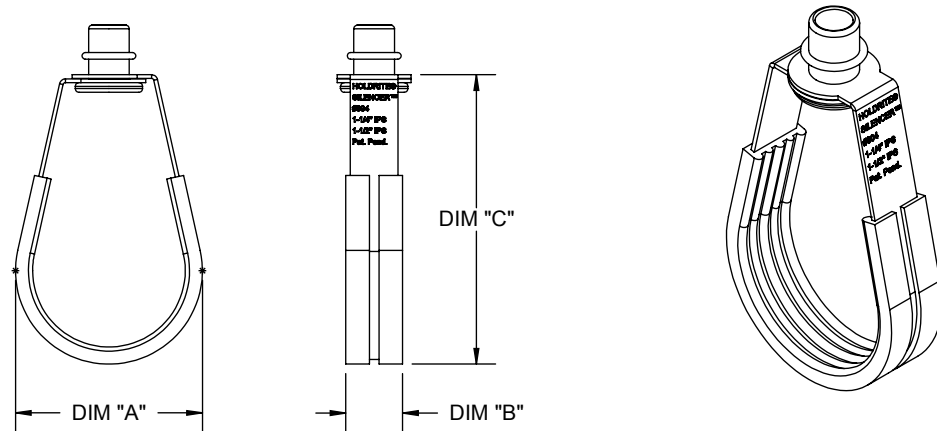
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spec\_287-P\_RevM

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

# PRODUCT SPECIFICATION DRAWING

## HOLDRITE® SILENCER™ Swivel Loop Hangers



Model #	Size		Swivel Nut Size	Max. Recom. Load (LBS.)	Dimension (inches)		
	IPS	CTS			"A"	"B"	"C"
#300	---	1/2"	3/8"	300	1.2	0.7	2.5
#301	1/2"	3/4"	3/8"	300	1.4	0.7	2.6
#302	3/4"	1"	3/8"	300	1.7	0.7	2.8
#303	1"	1-1/4"	3/8"	300	1.9	0.7	3.1
#304	1-1/4"-1-1/2"	1-1/2"	3/8"	300	2.4	0.7	3.8
#306	2"	2"	3/8"	525	2.9	0.7	4.3
#307	2-1/2"	2-1/2"	3/8"	525	3.5	1	4.8
#308	3"	3"	3/8"	525	4.5	1	6.4
#310	4"	4"	3/8"	650	5.6	1.4	8

**HOLDRITE® SILENCER™ Swivel Loop Hanger** provide support for pipe and tubing from 1/2" - 4" size. These hangers also provide acoustic noise isolation and protection against dissimilar metal contact.

### Product Information:

- Material:  
Frame: Carbon Steel  
Liner: TPE, natural (off-white), 45 shore A.
- Conforms with Federal Specification WW-H-171 (Type 10), Manufacturers Standardization Society (MSS) SP-58 and SP-69 (Type 10)
- Load rating: Complies with (MSS) SP-58
- Temperature range: -50°F to 225°F
- Patent Pending

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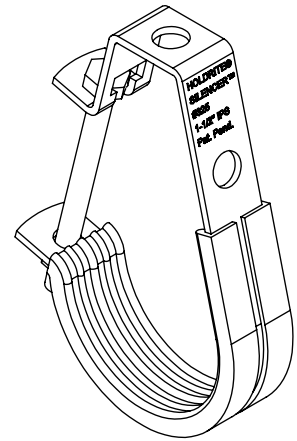
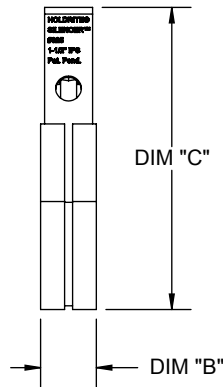
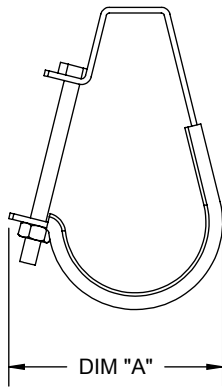
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spec\_Loop Hangers\_RevG

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

# PRODUCT SPECIFICATION DRAWING

## HOLDRITE® SILENCER™ J-Hangers



Model #	Size		Max. Recom. Load (LBS.)	Dimension (inches)		
	IPS	CTS		"A"	"B"	"C"
#320	---	1/2"	400	1.8	0.9	3
#321	1/2"	3/4"	400	2	0.9	3.1
#322	3/4"	1"	400	2.3	0.9	3.4
#323	1"	1-1/4"	400	2.5	0.9	3.8
#324	1-1/4"	1-1/2"	400	2.8	0.9	4.3
#325	1-1/2"	2"	400	3.3	0.9	4.7
#326	2"	2-1/2"	400	3.8	0.9	5.4
#327	2-1/2"	3"	800	4.7	1.3	6.3
#328	3"	---	800	5.1	1.3	7.1
#330	4"	4"	800	6.2	1.3	8.6

**HOLDRITE® SILENCER™ J-Hangers provide support for pipe and tubing from 1/2" - 4" size. These hangers also provide acoustic noise isolation and protection against dissimilar metal contact.**

### Product Information:

- Material:  
Frame: Carbon Steel  
Liner: TPE, natural (off-white), 45 shore A
- Conforms with Manufacturers Standardization Society (MSS)  
SP-58 and SP-69 (Type 5)
- Load rating: Complies with (MSS) SP-58
- Temperature range: -50 °F to 225 °F
- Patent Pending

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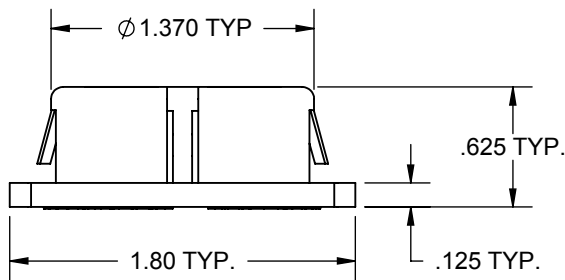
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spec\_J-Hangers\_RevG

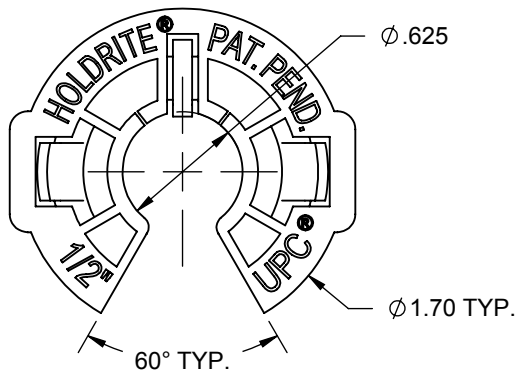
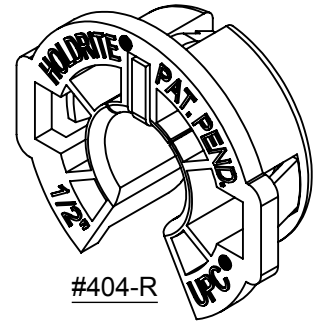
Product Submittal	
Job Name:	
Date:	
Part Number:	Qty:
Architect / Owner:	
Contractor:	
Notes:	

# PRODUCT SPECIFICATION DRAWING

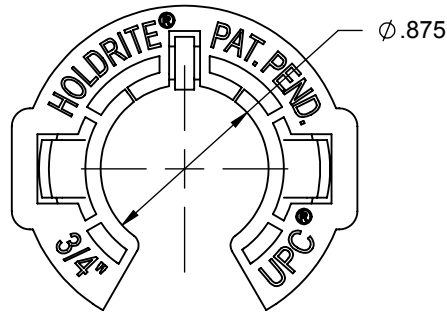
## HOLDRITE® #404-R, #405-R & #406-R



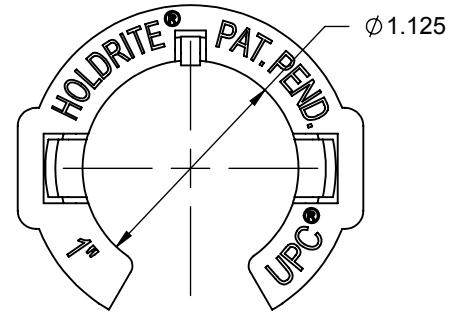
ALL DIMENSIONS IN INCHES



**#404-R**



**#405-R**



**#406-R**

**Fire retardant plastic insert for 1/2", 3/4" and 1" CTS tubing. Fits in 1-3/8" hole in metal framing. Designed for use up to 14 gage metal penetrations. Ideal for isolation of Copper, PEX or CPVC tubing in fire rated environments.**

### Product Information:

- Material: Polyethylene, blue, FR UL94V-2
- Rated to 180°F service temperature
- UPC / IPC / IAPMO listed



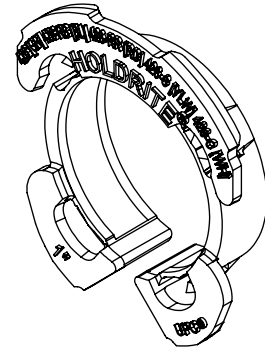
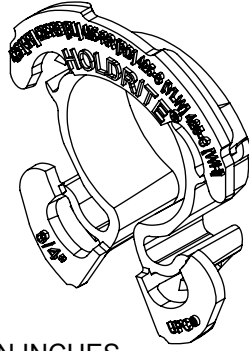
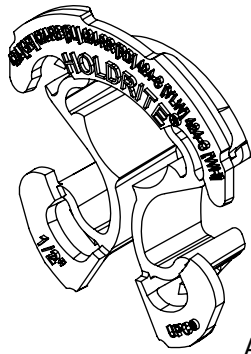
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# HOLDRITE®

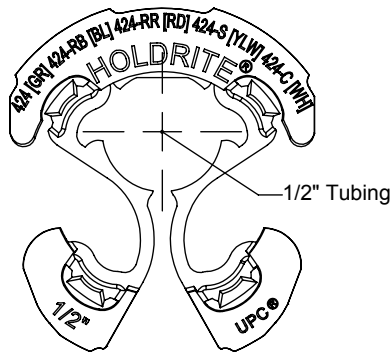
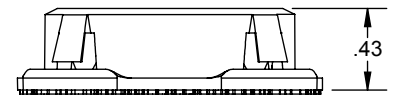
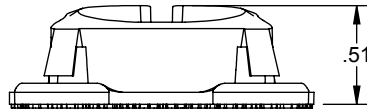
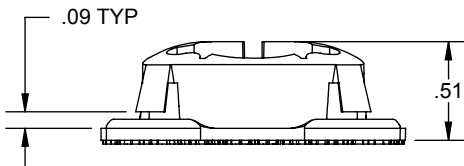
CONVERTING MAKESHIFT METHODS INTO ENGINEERED SOLUTIONS<sup>SM</sup>  
800-321-0316 OR 760-744-6944 / FAX: 760-744-0507 / WWW.HOLDRITE.COM  
spec\_404-R\_405-R\_406-R\_RevH

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

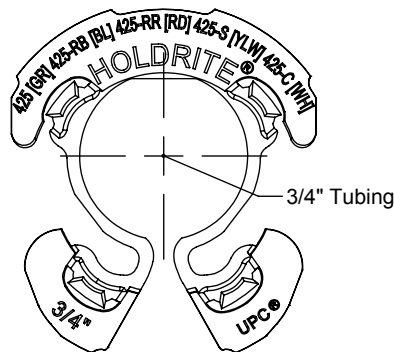
# PRODUCT SPECIFICATION DRAWING HOLDRITE® #424, #425 & #426 Inserts



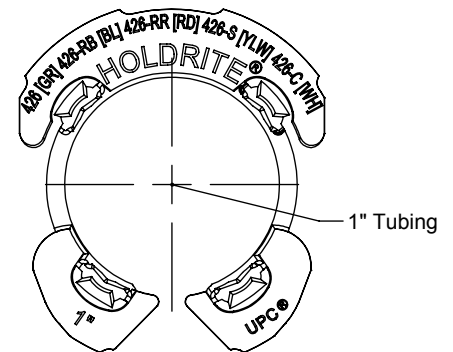
ALL DIMENSIONS IN INCHES



**#424**



**#425**



**#426**

For used with 1-11/32" or 1-3/8" round cut-outs in 14 to 25 gage sheet metal.  
Ideal for isolation of Copper, PEX or CPVC tubing.

## Product Information:

- Material: Polypropylene, Light Gray, UL94HB
- Temperature range: -10 °F to 180 °F
- UPC / IPC / IAPMO listed



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# HOLDRITE®

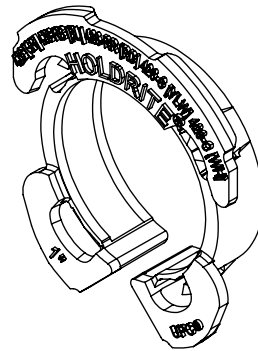
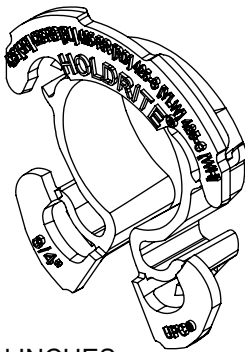
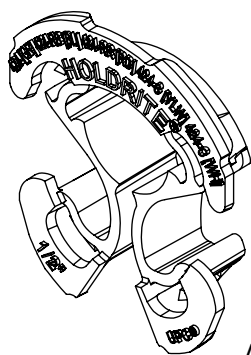
CONVERTING MAKESHIFT METHODS INTO ENGINEERED SOLUTIONS<sup>SM</sup>

800-321-0316 OR 760-744-6944 / FAX: 760-744-0507 / WWW.HOLDRITE.COM  
spec\_424\_425\_426\_RevD

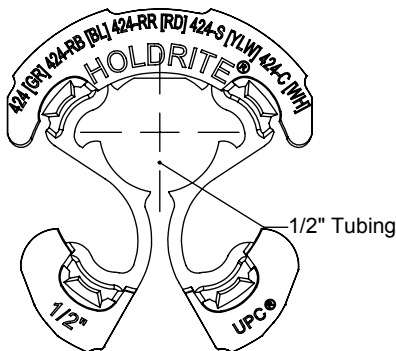
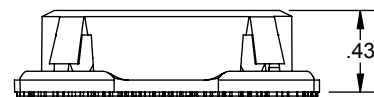
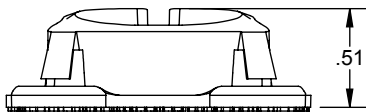
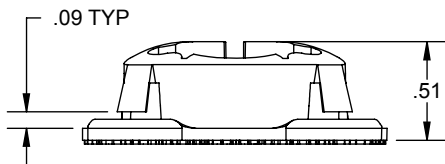
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Date:	
Part Number:	Qty:
Architect / Owner:	
Contractor:	
Notes:	



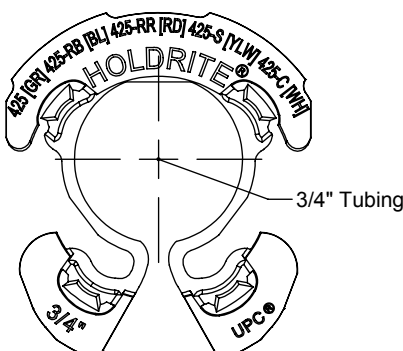
PRODUCT SPECIFICATION DRAWING  
HOLDRITE® #424-RR, #424-RB, #425-RR, #425-RB, #426-RR & #426-RB Inserts



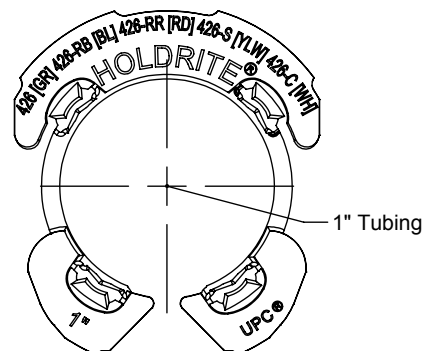
ALL DIMENSIONS IN INCHES



#424-RR (Red)  
#424-RB (Blue)



#425-RR (Red)  
#425-RB (Blue)



#426-RR (Red)  
#426-RB (Blue)

For used with 1-11/32" or 1-3/8" round cut-outs in 14 to 25 gage sheet metal. Ideal for isolation of Copper, PEX or CPVC tubing. Complies with UL94V-2 fire rating.

Product Information:

- Material: Polypropylene, UL94V-2, Blue or Red
- Temperature range: -10°F to 180°F
- UPC / IPC / IAPMO listed



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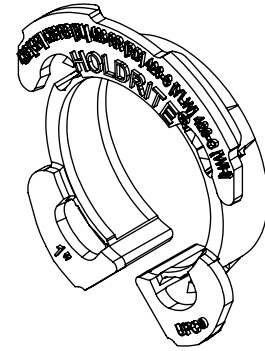
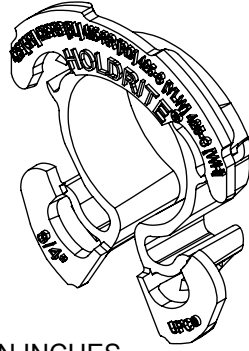
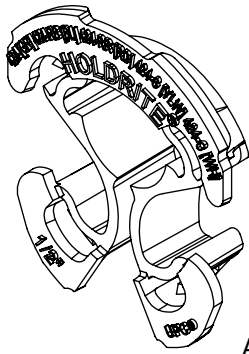
CONVERTING MAKESHIFT METHODS INTO ENGINEERED SOLUTIONS<sup>SM</sup>

800-321-0316 OR 760-744-6944 / FAX: 760-744-0507 / WWW.HOLDRITE.COM  
spec\_424-RR/-RB\_425-RR/-RB\_426-RR/-RB\_RevC

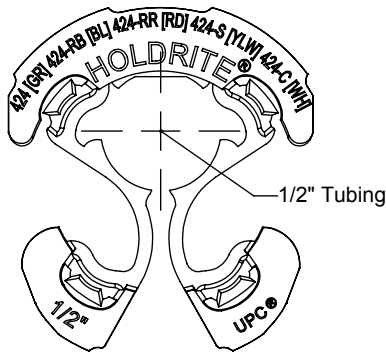
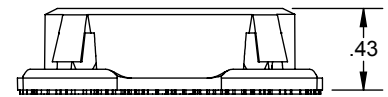
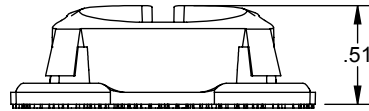
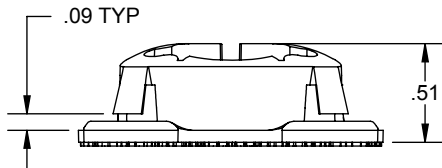
Product Submittal	
Job Name:	
Date:	
Part Number:	Qty:
Architect / Owner:	
Contractor:	
Notes:	

# PRODUCT SPECIFICATION DRAWING

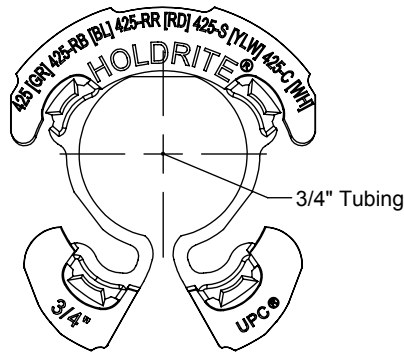
## HOLDRITE® FLAME FIGHTER™ #424-S, #425-S & #426-S Inserts (25/50 Plenum Rated)



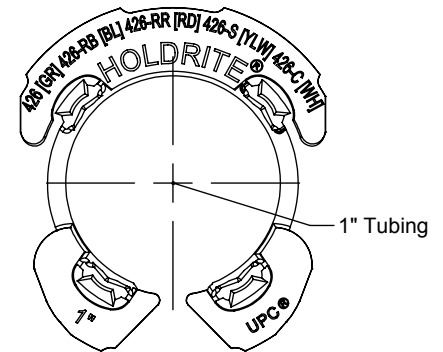
ALL DIMENSIONS IN INCHES



**#424-S**



**#425-S**



**#426-S**

For used with 1-11/32" or 1-3/8" round cut-outs in 14 to 25 gage sheet metal. Ideal for isolation of Copper, PEX or CPVC tubing. Material meets ASTM E-84 25/50 and UL94V-0 fire rating.

### Product Information:

- Material: Kynar Flex, Yellow, UL94V-0
- Temperature range: -20°F to 200°F
- Meets ASTM E-84 25/50 and UL94V-0
- UPC / IPC / IAPMO listed



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# HOLDRITE®

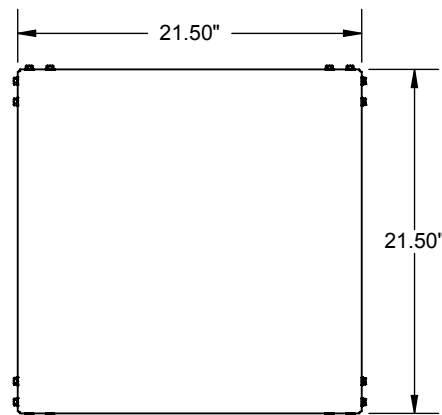
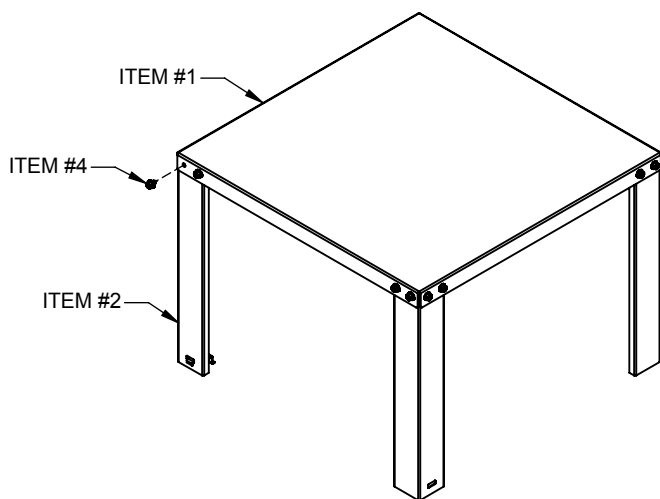
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spec\_424-S\_425-S\_426-S\_RevD

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

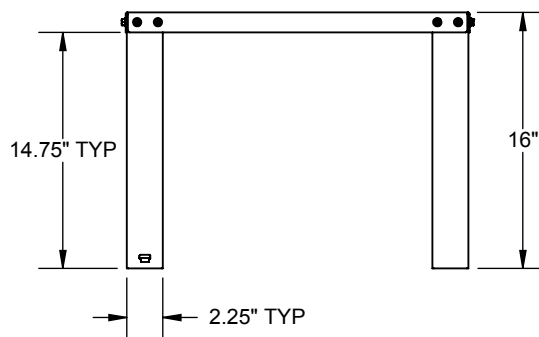
# PRODUCT SPECIFICATION DRAWING

## QUICKSTAND™ 21-1/2" X 21-1/2" (Water Heater & Equipment Support)

### #40-S-22-A (assembled) and #40-S-22-U (unassembled)



ALL DIMENSIONS IN INCHES



The QUICKSTAND™ #40-S-22- (A or U) stands safely elevates water heaters and other equipment above the floor (900 lbs rating).

#### Product Information:

- Material:
  - Item #1: Top, 14 gage CRS, galvanized
  - Item #2: Leg, 16 gage CRS, galvanized, 4 places
  - Item #3: Safety Clip, 14 gage CRS, galvanized, 2 places
  - Item #4: Screw, PH, Sems, #1/4 X 1/2"L (w / external starwasher), 16 places
  - Item #5: Lag Bolt, #1/4 X 2-1/2"L, self-drilling, 2 places (items #3 and #5 included with product)
- Engineered and lab tested to meet Uniform Plumbing Code (UPC) and International Plumbing Code (IPC) requirements, including elevation of water heater's ignition source 18" above the floor
- Holds up to 900 pounds capacity (up to 65 U.S. gallon tanks)
- QUICKSTAND™ weight 17-1/2 pounds without packaging
- Available in assembled and unassembled configurations



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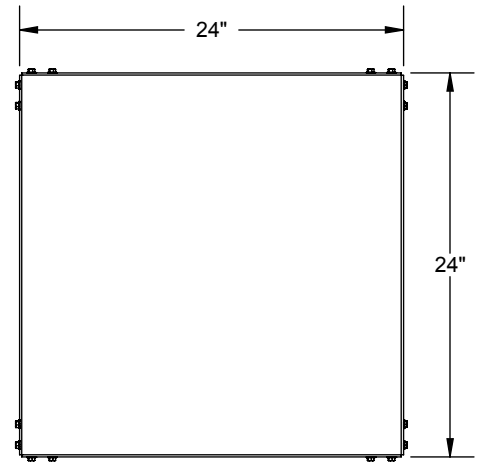
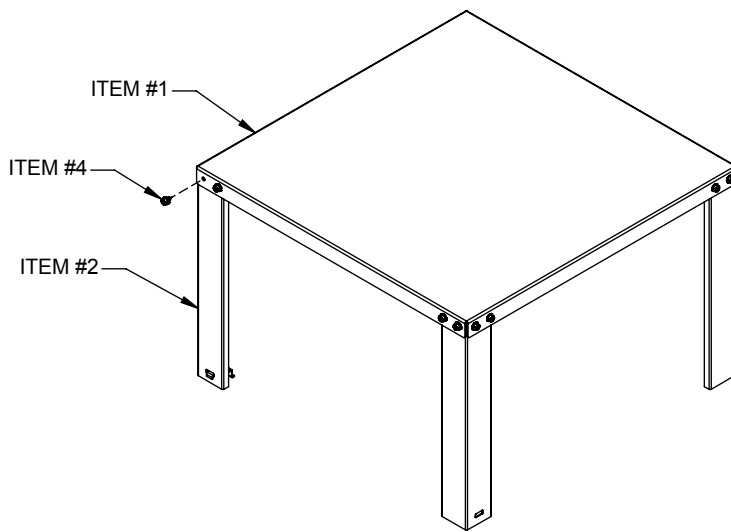
800-321-0316 OR 760-744-6944 / FAX: 760-744-0507 / WWW.HOLDRITE.COM  
spec\_40-S-22\_RevH

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

# PRODUCT SPECIFICATION DRAWING

## QUICKSTAND™ 24" X 24" (Water Heater & Equipment Support)

### #40-S-24-A (assembled) and #40-S-24-U (unassembled)

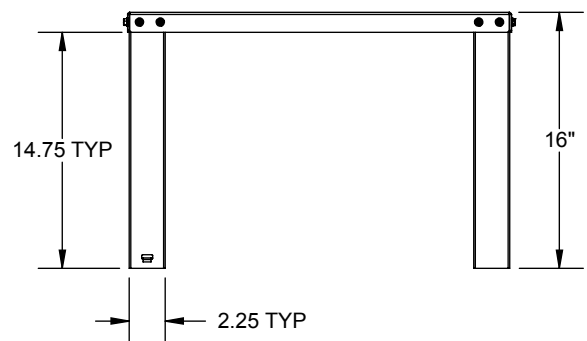


ALL DIMENSIONS IN INCHES

**The QUICKSTAND™ #40-S-24- (A or U) stands safely elevates water heaters and other equipment above the floor (1,200 lbs rating).**

#### Product Information:

- **Material:**
  - Item #1: Top, 12 gage CRS, galvanized
  - Item #2: Leg, 16 gage CRS, galvanized, 4 places
  - Item #3: Safety Clip, 14 gage CRS, galvanized, 2 places
  - Item #4: Screw, PH, Sems, #1/4 X 1/2"L (w / external starwasher), 16 places
  - Item #5: Lag Bolt, #1/4 X 2-1/2"L, self-drilling, 2 places (items #3 and #5 included with product)
- Engineered and lab tested to meet Uniform Plumbing Code (UPC) and International Plumbing Code (IPC) requirements, including elevation of water heater's ignition source 18" above the floor
- Holds up to 1,200 pounds capacity (up to 100 U.S. gallon tanks)
- QUICKSTAND™ weight 25-1/2 pounds without packaging
- Available in assembled and unassembled configurations



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# HOLDRITE®

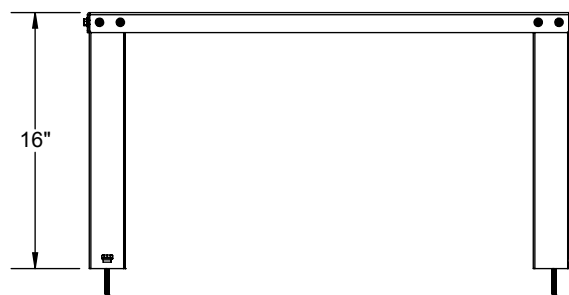
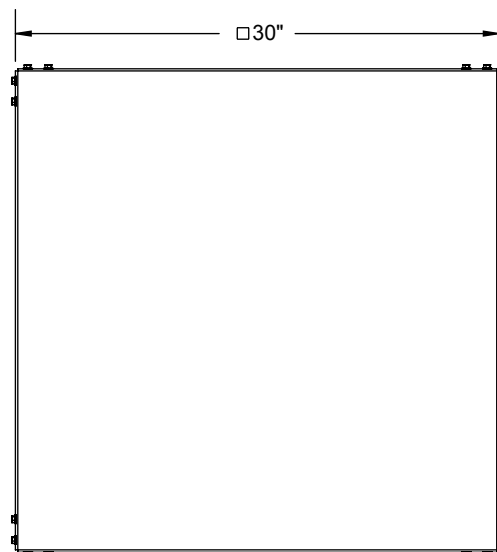
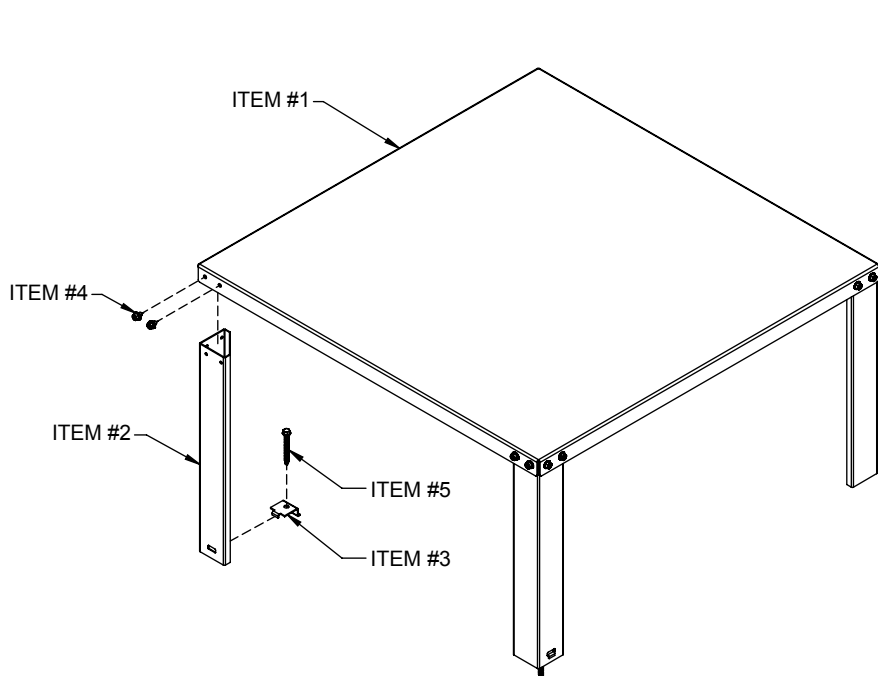
CONVERTING MAKESHIFT METHODS INTO ENGINEERED SOLUTIONS<sup>SM</sup>  
800-321-0316 OR 760-744-6944 / FAX: 760-744-0507 / WWW.HOLDRITE.COM  
spec\_40-S-24\_RevI

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

# PRODUCT SPECIFICATION DRAWING

## QUICKSTAND™ 30" X 30" (Water Heater & Equipment Support)

### #40-S-30-A (assembled) and #40-S-30-U (unassembled)



ALL DIMENSIONS IN INCHES

**The QUICKSTAND™ #40-S-30- (A or U) stand safely elevates water heaters and other equipment above the floor (1,200 lbs rating).**

#### Product Information:

- **Material:**
  - Item #1: Top, 12 gage CRS, galvanized
  - Item #2: Leg, 16 gage CRS, galvanized, 4 places
  - Item #3: Safety Clip, 14 gage CRS, galvanized, 2 places
  - Item #4: SMS, Phillips Hex Head Washer, w/Serrated Under Head, #1/4-14 X 1/2"L, 16 places
  - Item #5: Lag Bolt, #1/4-10 X 2-1/2"L, self-drilling, 2 places
  - (items #3 and #5 included with product)
- Engineered and lab tested to meet Uniform Plumbing Code (UPC) and International Plumbing Code (IPC) requirements, including elevation of water heater's ignition source 18" above the floor
- Holds up to 1,200 pounds capacity (up to 100 U.S. gallon tanks)
- QUICKSTAND™ weight 36 pounds without packaging
- Available in assembled and unassembled configurations

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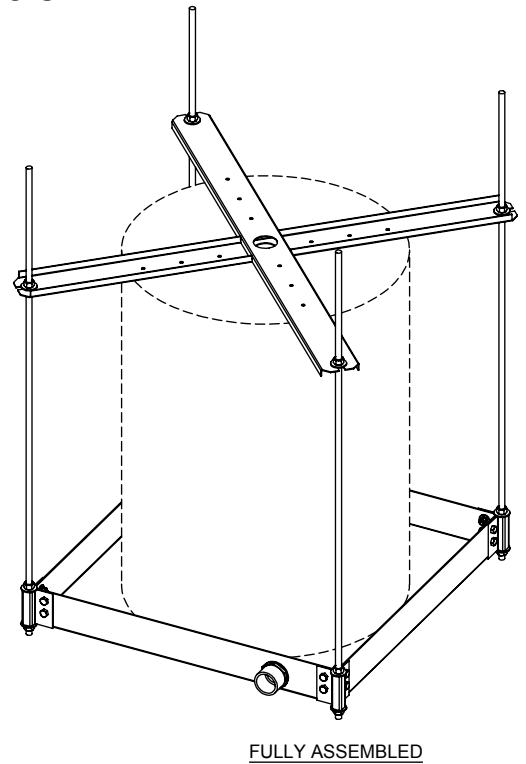
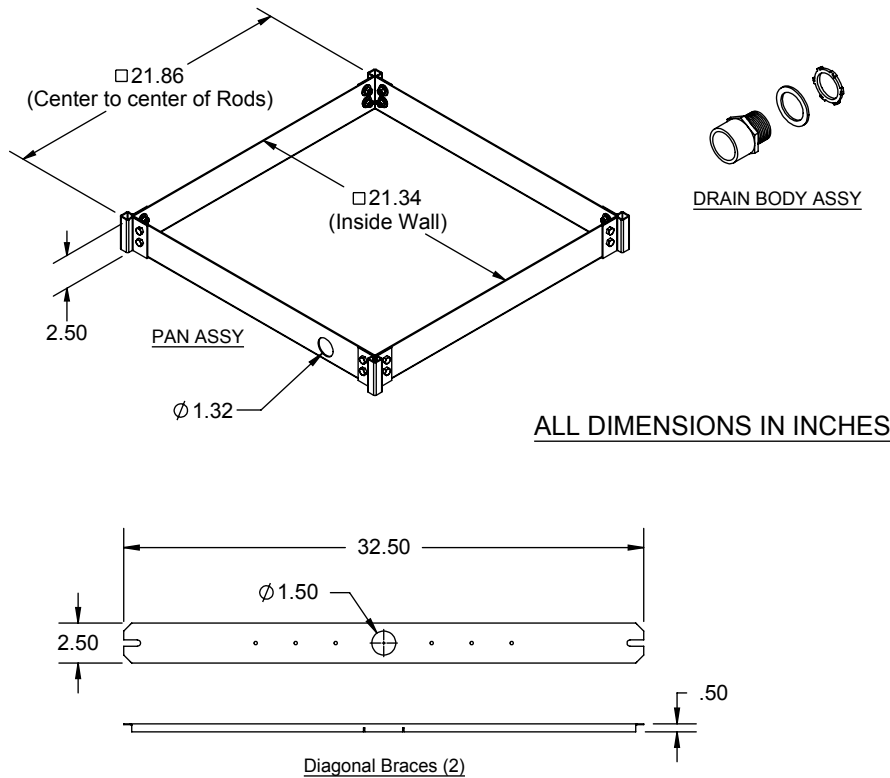
800-321-0316 OR 760-744-6944 / FAX: 760-744-0507 / WWW.HOLDRITE.COM  
spec\_40-S-30\_RevB

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

# PRODUCT SPECIFICATION DRAWING

## QUICK STAND™ #40-SWHP

### Suspended Water Heater Platform



The Suspended Water Heater Platform is engineered to support water heaters up to 20 U.S. gallons (up to 375 pounds total weight). This time and labor savings tool is designed for the Professional Contractor. Design features requested by plumbers are incorporated into a professional platform that can be suspended with all thread rod.

#### Product Information:

- Material:
  - Pan: 14 gage CRS, galvanized
  - Corner Brackets: 14 gage CRS, galvanized
  - Diagonal Braces: 16 gage CRS, galvanized
- Wide platform allows water heaters up to 21-1/4" diameter
- Watertight corners and drain fittings eliminate need for additional drain pan
- Cross-braces (2) two included to capture water heater within the platform
- Static load rating 375 pounds with 2X safety factor (depending on structural anchorage)
- Includes PVC drain body 1" MIPT x 1" FS
- Galvanized steel construction
- Suspends with user supplied 3/8" or 1/2" threaded rod and hardware
- Four corner attachment points allows for seismic/sway bracing connection
- Patent pending

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# HOLDRITE®

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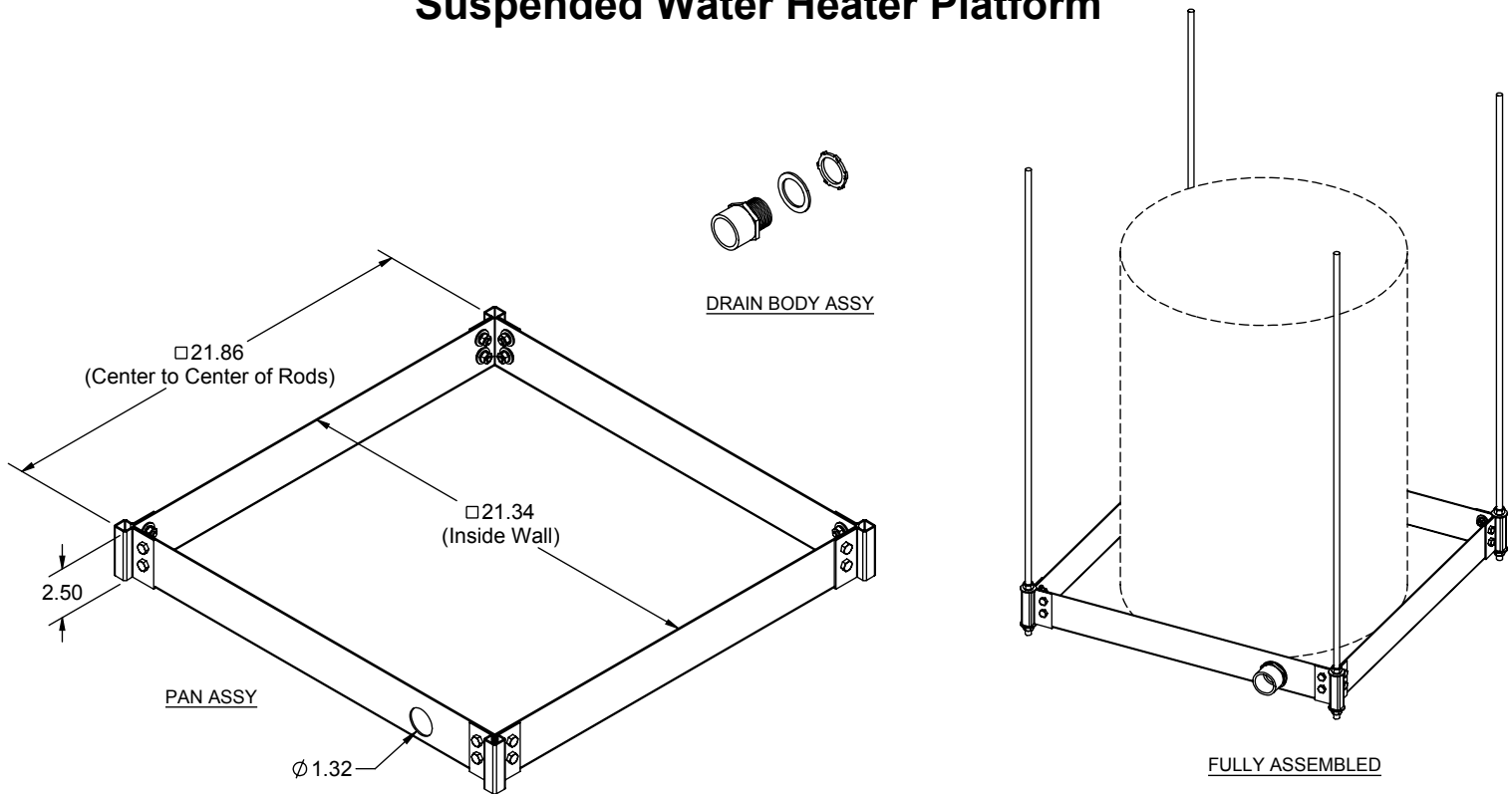
800-321-0316 OR 760-744-6944 / FAX: 760-744-0507 / WWW.HOLDRITE.COM  
spec\_40-SWHP\_RevF

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

# PRODUCT SPECIFICATION DRAWING

## QUICK STAND™ #40-SWHP-A

### Suspended Water Heater Platform



The Suspended Water Heater Platform is engineered to support water heaters up to 20 U.S. gallons (up to 375 pounds total weight). This time and labor savings tool is designed for the Professional Contractor. Design features requested by plumbers are incorporated into a professional platform that can be suspended with all thread rod.

#### Product Information:

- Material:  
Pan: 14 gage CRS, galvanized  
Corner Brackets: 14 gage CRS, galvanized
- Wide platform allows water heaters up to 21-1/4" diameter
- Watertight corners and drain fittings eliminate need for additional drain pan
- Static load rating 375 pounds with 2X safety factor (depending on structural anchorage)
- Includes PVC drain body 1" MIPT x 1" FS
- Galvanized steel construction
- Suspends with user supplied 3/8" or 1/2" threaded rod and hardware
- Four corner attachment points allows for seismic/sway bracing connection
- Patent pending

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spec\_40-SWHP-A\_RevD

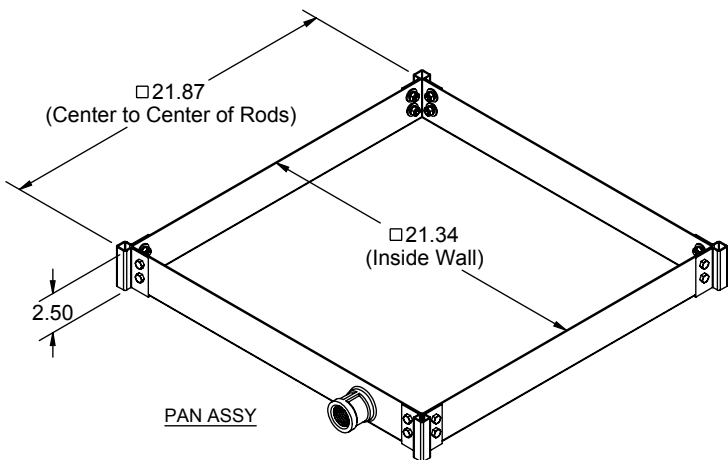
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Job Name:	
Date:	
Part Number:	Qty:
Architect / Owner:	
Contractor:	
Notes:	



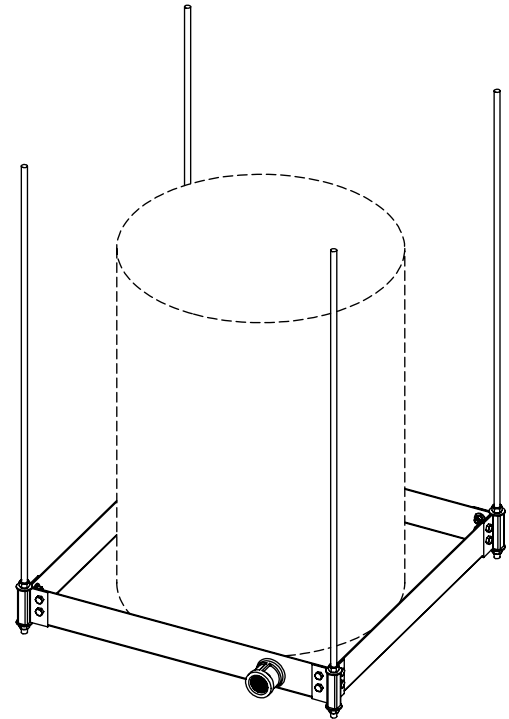
# PRODUCT SPECIFICATION DRAWING

## QUICK STAND™ #40-SWHP-M

### Suspended Water Heater Platform



ALL DIMENSIONS IN INCHES



FULLY ASSEMBLED

The Suspended Water Heater Platform is engineered to support water heaters up to 20 U.S. gallons (up to 375 pounds total weight). This time and labor savings tool is designed for the Professional Contractor. Design features requested by plumbers are incorporated into a professional platform that can be suspended with all thread rod.

#### Product Information:

- Material:  
Pan: 14 gage CRS, galvanized  
Corner Brackets: 14 gage CRS, galvanized
- Wide platform allows water heaters up to 21-1/4" diameter
- Watertight corners and welded 1" steel drain body eliminate need for additional drain pan
- Static load rating 375 pounds with 2X safety factor (depending on structural anchorage)
- Galvanized steel construction
- Suspends with user supplied 3/8" or 1/2" threaded rod and hardware
- Four corner attachment points allows for seismic/sway bracing connection
- Patent pending

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800-321-0316 OR 760-744-6944 / FAX: 760-744-0507 / WWW.HOLDRITE.COM  
spec\_40-SWHP-M\_RevD

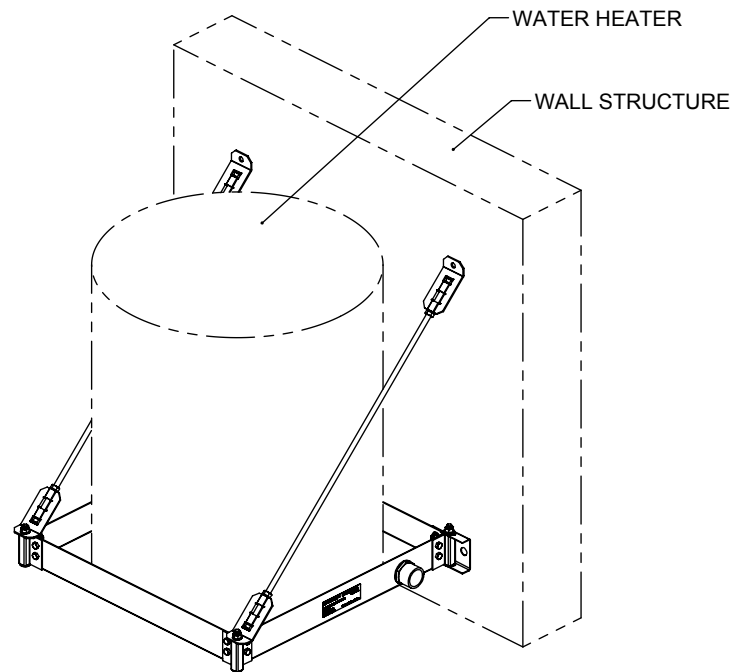
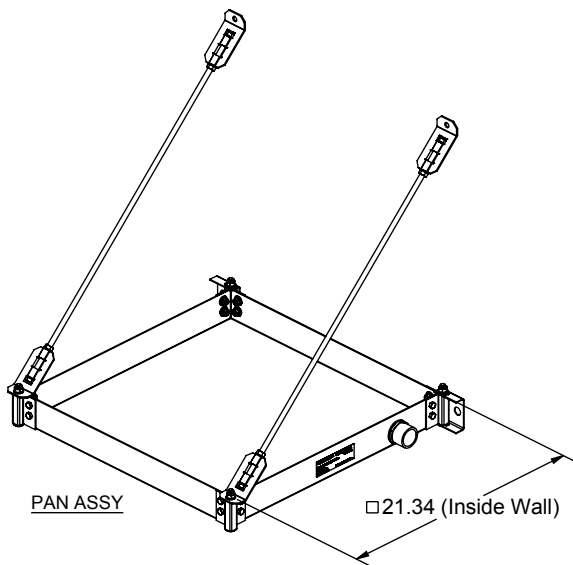
Product Submittal	
Job Name:	
Date:	
Part Number:	Qty:
Architect / Owner:	
Contractor:	
Notes:	



# PRODUCT SPECIFICATION DRAWING

## QUICK STAND™ #40-SWHP-W

### Wall Mounted Equipment Platform

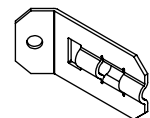
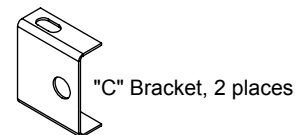


ALL DIMENSIONS IN INCHES

The Wall Mounted Equipment Platform is engineered to support water heaters up to 20 U.S. gallons (or other equipment up to 375 pounds total weight) mounted to a wall. This item also serves as a drain pan.

#### Product Information:

- Material:
  - Pan: 14 gage CRS, galvanized
  - Corner Brackets (4): 14 gage CRS, galvanized
  - C-Brackets (2): 16 gage CRS, galvanized
  - 45° Brackets (4): 12 gage, CRS, galvanized
  - Threaded Rod (2): Low carbon steel, zinc plated, 3/8" x 29-3/4" long
- Wide platform allows water heaters up to 21-1/4" diameter
- Watertight corners and drain fittings eliminate need for additional drain pan
- Static load rating 375 pounds with 2X safety factor (depending on structural anchorage)
- Professional Engineer stamped documentation available
- Includes PVC drain body 1" MIPT x 1" FS
- Galvanized steel construction
- Suspends with user supplied 3/8" hardware to mount to wall, 4 places
- Installation instructions for mounting to concrete or framed wall structure available
- Patent Pending



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# HOLDRITE®

CONVERTING MAKESHIFT METHODS INTO ENGINEERED SOLUTIONS<sup>SM</sup>

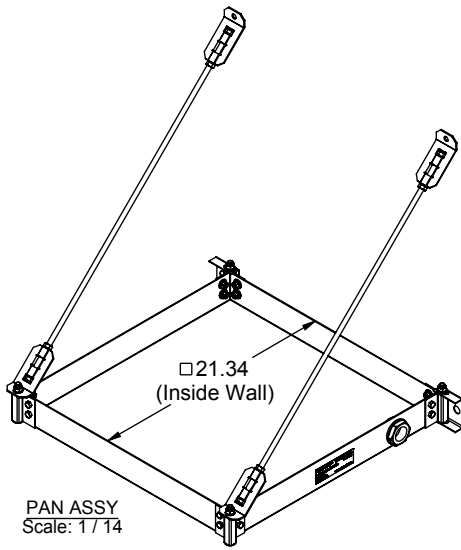
2560 PROGRESS STREET / VISTA, CA 92081 / 800-321-0316 OR 760-744-6944 / FAX: 760-744-0507 / WWW.HOLDRITE.COM  
spec\_40-SWHP-W\_RevC

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

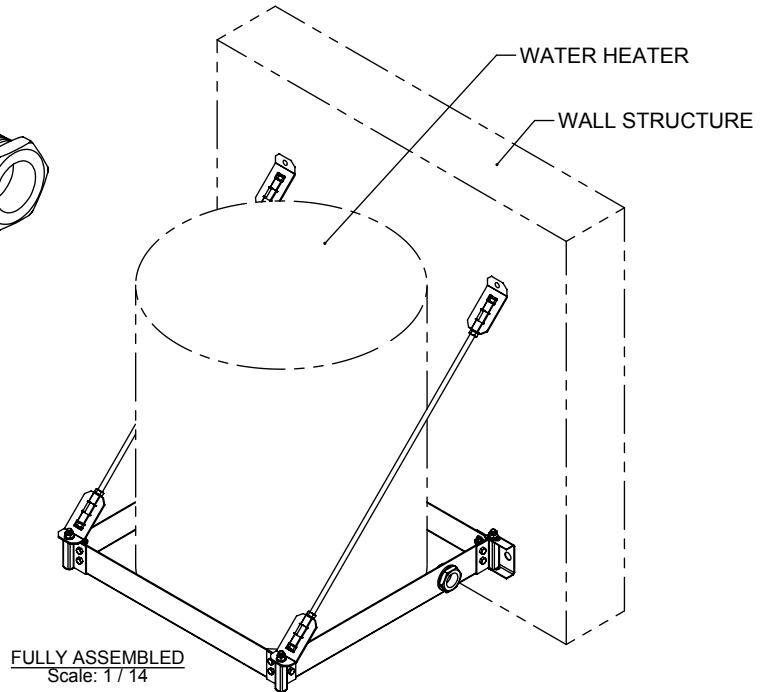
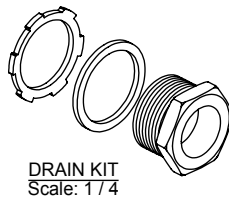
# PRODUCT SPECIFICATION DRAWING

## QUICK STAND™ #40-SWHP-WM

### Wall Mounted Equipment Platform



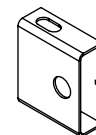
ALL DIMENSIONS IN INCHES



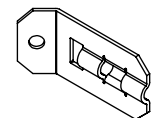
**The Wall Mounted Equipment Platform is engineered to support water heaters up to 20 U.S. gallons (or other equipment up to 375 pounds total weight) mounted to a wall. This item also serves as a drain pan.**

#### Product Information:

- Material:
  - Pan: 14 gage CRS, galvanized
  - Corner Brackets (4): 14 gage CRS, galvanized
  - C-Brackets (2): 16 gage CRS, galvanized
  - 45° Brackets (4): 12 gage, CRS, galvanized
  - Threaded Rod (2): Low carbon steel, zinc plated, 3/8" x 29-3/4" long
- Drain Kit:
  - Hex Bushing: Malleable Iron, galvanized finish
  - Lock Nut: Steel, zinc plated
  - Flanged Gasket: Neoprene, 50 ± .05 Shore A
- Wide platform allows water heaters up to 21-1/4" diameter
- Watertight corners and welded 1" steel drain body eliminate need for additional drain pan
- Static load rating 375 pounds with 2X safety factor (depending on structural anchorage)
- Professional Engineer stamped documentation available
- Galvanized steel construction
- Suspends with user supplied 3/8" hardware to mount to wall, 4 places
- Installation instructions for mounting to concrete or framed wall structure available
- Patent Pending



"C" Bracket, 2 places



45° Bracket, 4 places

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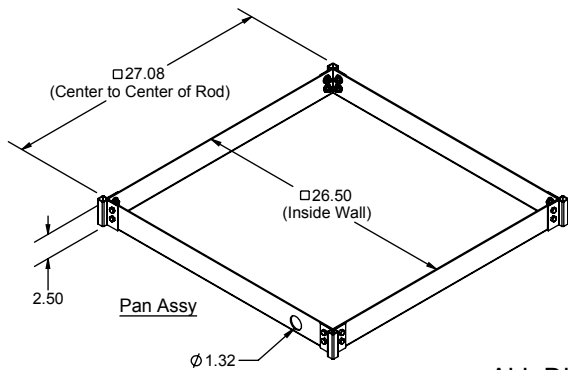
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800-321-0316 OR 760-744-6944 / FAX: 760-744-0507 / WWW.HOLDRITE.COM  
spec\_40-SWHP-WM\_RevF(no welding)

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

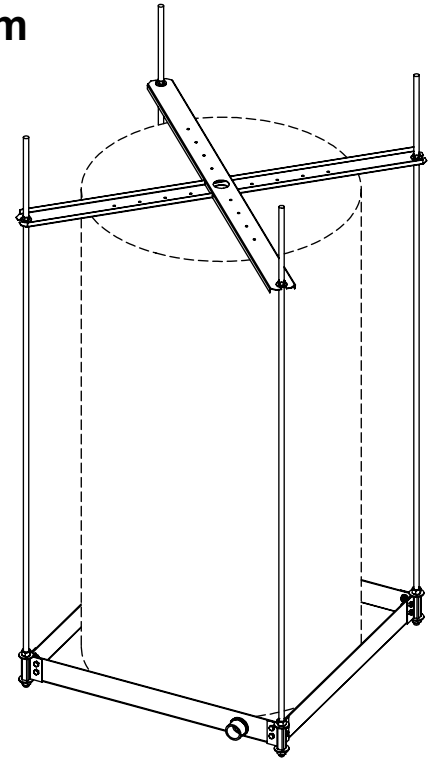
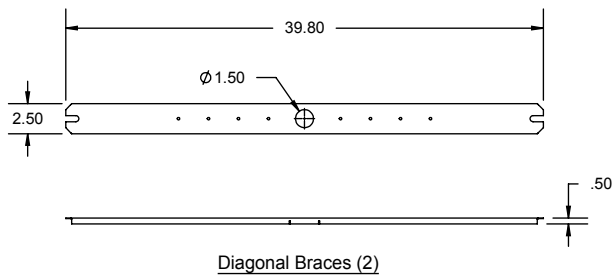
# PRODUCT SPECIFICATION DRAWING

## QUICK STAND™ #50-SWHP

### Suspended Water Heater Platform



ALL DIMENSIONS IN INCHES



FULLY ASSEMBLED

The Suspended Water Heater Platform is engineered to support water heaters up to 50 U.S. gallons (up to 600 pounds total weight). This time and labor savings tool is designed for the Professional Contractor. Design features requested by plumbers are incorporated into a professional platform that can be suspended with all thread rod.

#### Product Information:

- Material:
  - Pan: 12 gage CRS, galvanized
  - Corner Brackets: 14 gage CRS, galvanized
  - Diagonal Braces: 16 gage CRS, galvanized
- Wide platform allows water heaters up to 26-1/2" diameter
- Watertight corners and drain fittings eliminate need for additional drain pan
- Cross-braces (2) two included to capture water heater within the platform
- Static load rating 600 pounds with 2X safety factor (depending on structural anchorage)
- Includes PVC drain body 1" MIPT x 1" FS
- Galvanized steel construction
- Suspends with user supplied 3/8" or 1/2" threaded rod and hardware
- Four corner attachment points allows for seismic/sway bracing connection
- Patent pending

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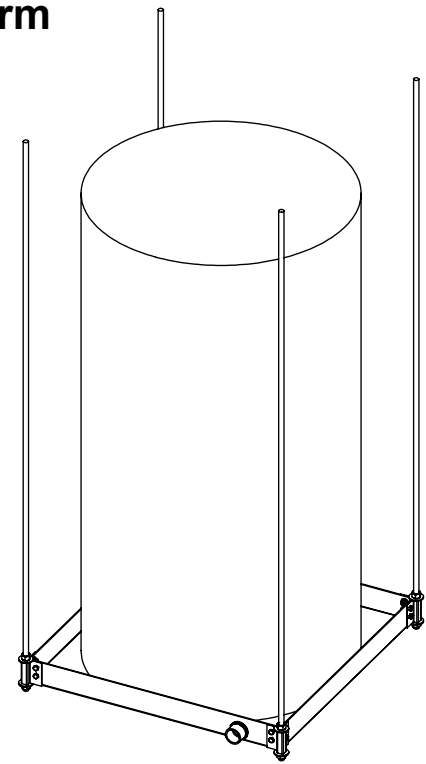
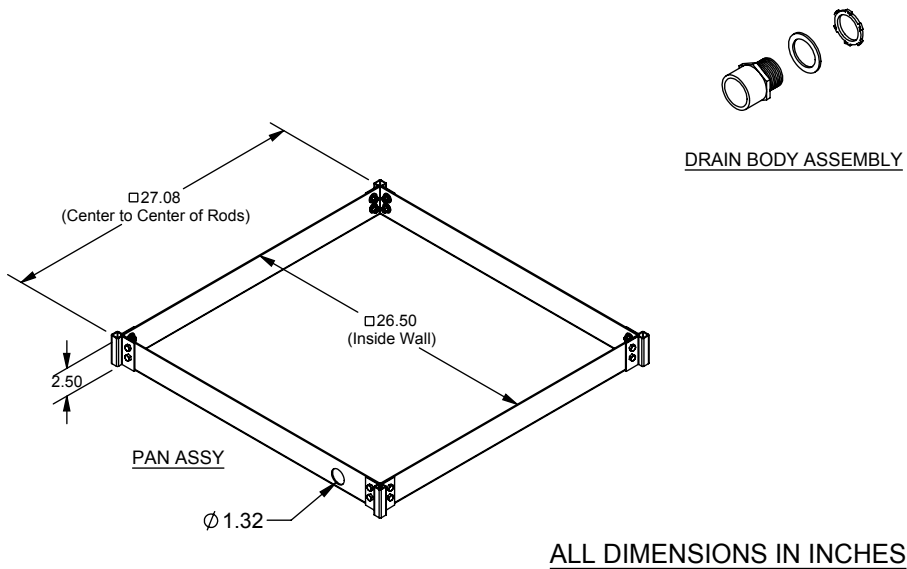
800-321-0316 OR 760-744-6944 / FAX: 760-744-0507 / WWW.HOLDRITE.COM  
spec\_50-SWHP\_RevF

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

# PRODUCT SPECIFICATION DRAWING

## QUICK STAND™ #50-SWHP-A

### Suspended Water Heater Platform



FULLY ASSEMBLED

The Suspended Water Heater Platform is engineered to support water heaters up to 50 U.S. gallons (up to 600 pounds total weight). This time and labor savings tool is designed for the Professional Contractor. Design features requested by plumbers are incorporated into a professional platform that can be suspended with all thread rod.

#### Product Information:

- Material:
  - Pan: 12 gage CRS, galvanized
  - Corner Brackets: 14 gage CRS, galvanized
- Wide platform allows water heaters up to 26-1/2" diameter
- Watertight corners and drain fittings eliminate need for additional drain pan
- Static load rating 600 pounds with 2X safety factor (depending on structural anchorage)
- Includes PVC drain body 1" MIPT x 1" FS
- Galvanized steel construction
- Suspends with user supplied 3/8" or 1/2" threaded rod and hardware
- Four corner attachment points allows for seismic/sway bracing connection
- Patent pending

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# HOLDRITE®

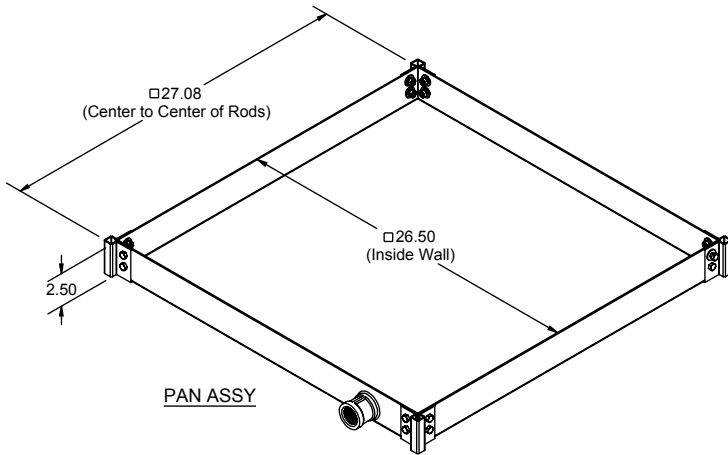
CONVERTING MAKESHIFT METHODS INTO ENGINEERED SOLUTIONS<sup>SM</sup>  
 800-321-0316 OR 760-744-6944 / FAX: 760-744-0507 / WWW.HOLDRITE.COM  
 spec\_50-SWHP-A\_RevD

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

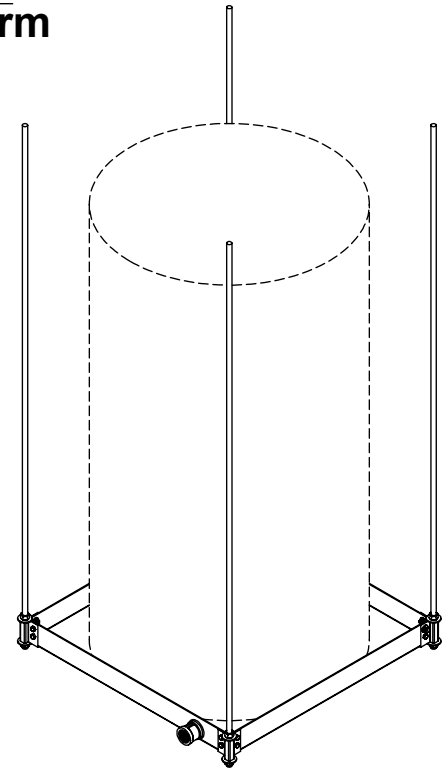
# PRODUCT SPECIFICATION DRAWING

## QUICK STAND™ #50-SWHP-M

### Suspended Water Heater Platform



ALL DIMENSIONS IN INCHES



FULLY ASSEMBLED

The Suspended Water Heater Platform is engineered to support water heaters up to 50 U.S. gallons (up to 600 pounds total weight). This time and labor savings tool is designed for the Professional Contractor. Design features requested by plumbers are incorporated into a professional platform that can be suspended with all thread rod.

#### Product Information:

- Material:  
Pan: 12 gage CRS, galvanized  
Corner Brackets: 14 gage CRS, galvanized
- Wide platform allows water heaters up to 26-1/2" diameter
- Watertight corners and welded 1" steel drain body eliminate need for additional drain pan
- Static load rating 600 pounds with 2X safety factor (depending on structural anchorage)
- Galvanized steel construction
- Suspends with user supplied 3/8" or 1/2" threaded rod and hardware
- Four corner attachment points allows for seismic/sway bracing connection
- Patent pending

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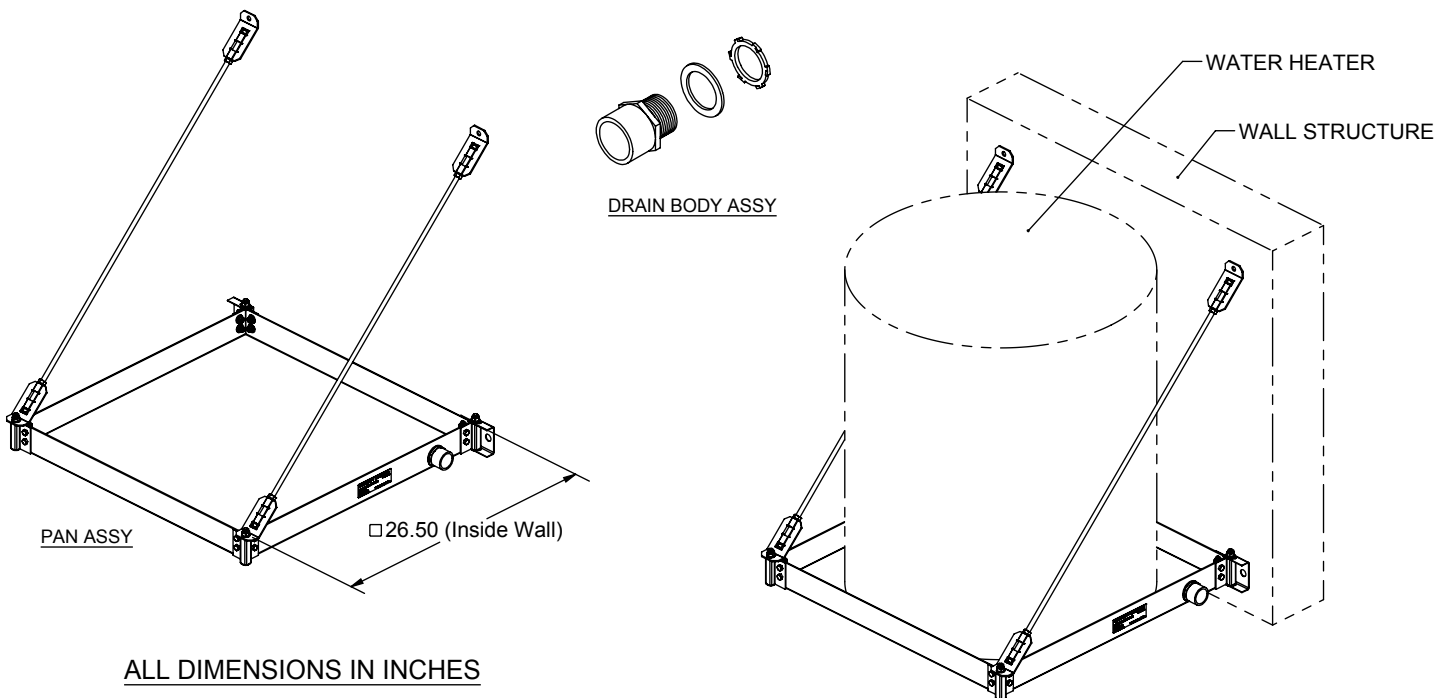
800-321-0316 OR 760-744-6944 / FAX: 760-744-0507 / WWW.HOLDRITE.COM  
spec\_50-SWHP-M\_RevD

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

# PRODUCT SPECIFICATION DRAWING

## QUICK STAND™ #50-SWHP-W

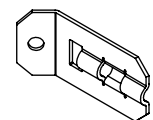
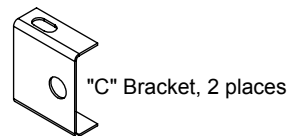
### Wall Mounted Equipment Platform



**The Wall Mounted Equipment Platform is engineered to support water heaters up to 50 U.S. gallons (or other equipment up to 600 pounds total weight) mounted to a wall. This item also serves as a drain pan.**

#### Product Information:

- Material:
  - Pan: 12 gage CRS, galvanized
  - Corner Brackets (4): 14 gage CRS, galvanized
  - C-Brackets (2): 16 gage CRS, galvanized
  - 45° Brackets (4): 12 gage, CRS, galvanized
  - Threaded Rod (2): Low carbon steel, zinc plated, 3/8" x 37.10" long
- Wide platform allows water heaters up to 26-1/2" diameter
- Watertight corners and drain fittings eliminate need for additional drain pan
- Static load rating 600 pounds with 2X safety factor (depending on structural anchorage)
- Professional Engineer stamped documentation available
- Includes PVC drain body 1" MIPT x 1" FS
- Galvanized steel construction
- Suspends with user supplied 3/8" hardware to mount to wall, 4 places
- Installation instructions for mounting to concrete or framed wall structure available
- Patent Pending



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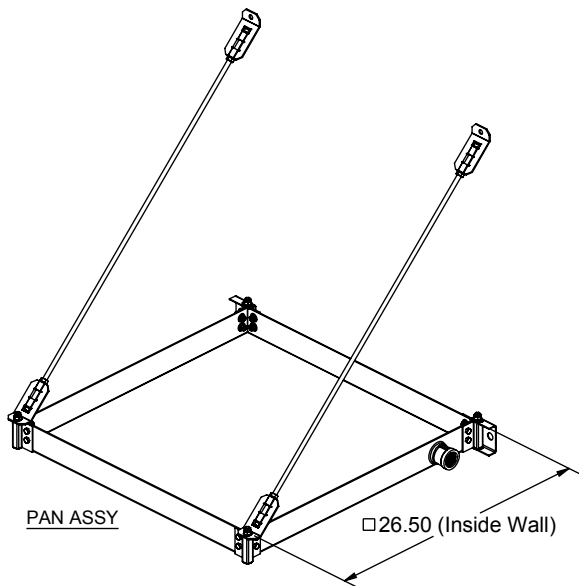
CONVERTING MAKESHIFT METHODS INTO ENGINEERED SOLUTIONS<sup>SM</sup>  
 800-321-0316 OR 760-744-6944 / FAX: 760-744-0507 / WWW.HOLDRITE.COM  
 spec\_50-SWHP-W\_RevE

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

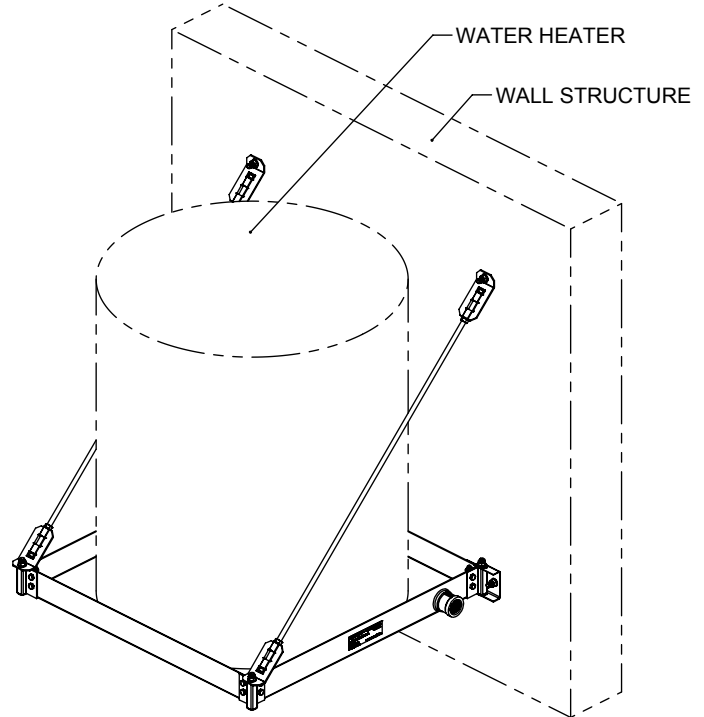
# PRODUCT SPECIFICATION DRAWING

## QUICK STAND™ #50-SWHP-WM

### Wall Mounted Equipment Platform



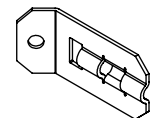
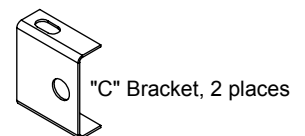
ALL DIMENSIONS IN INCHES



The Wall Mounted Equipment Platform is engineered to support water heaters up to 50 U.S. gallons (or other equipment up to 600 pounds total weight) mounted to a wall. This item also serves as a drain pan.

#### Product Information:

- Material:
  - Pan: 12 gage CRS, galvanized
  - Corner Brackets (4): 14 gage CRS, galvanized
  - C-Brackets (2): 16 gage CRS, galvanized
  - 45° Brackets (4): 12 gage, CRS, galvanized
  - Threaded Rod (2): Low carbon steel, zinc plated, 3/8" x 37.10" long
- Wide platform allows water heaters up to 26-1/2" diameter
- Watertight corners and welded 1" steel drain body eliminate need for additional drain pan
- Static load rating 600 pounds with 2X safety factor (depending on structural anchorage)
- Professional Engineer stamped documentation available
- Galvanized steel construction
- Suspends with user supplied 3/8" hardware to mount to wall, 4 places
- Installation instructions for mounting to concrete or framed wall structure available
- Patent Pending



45° Bracket, 4 places

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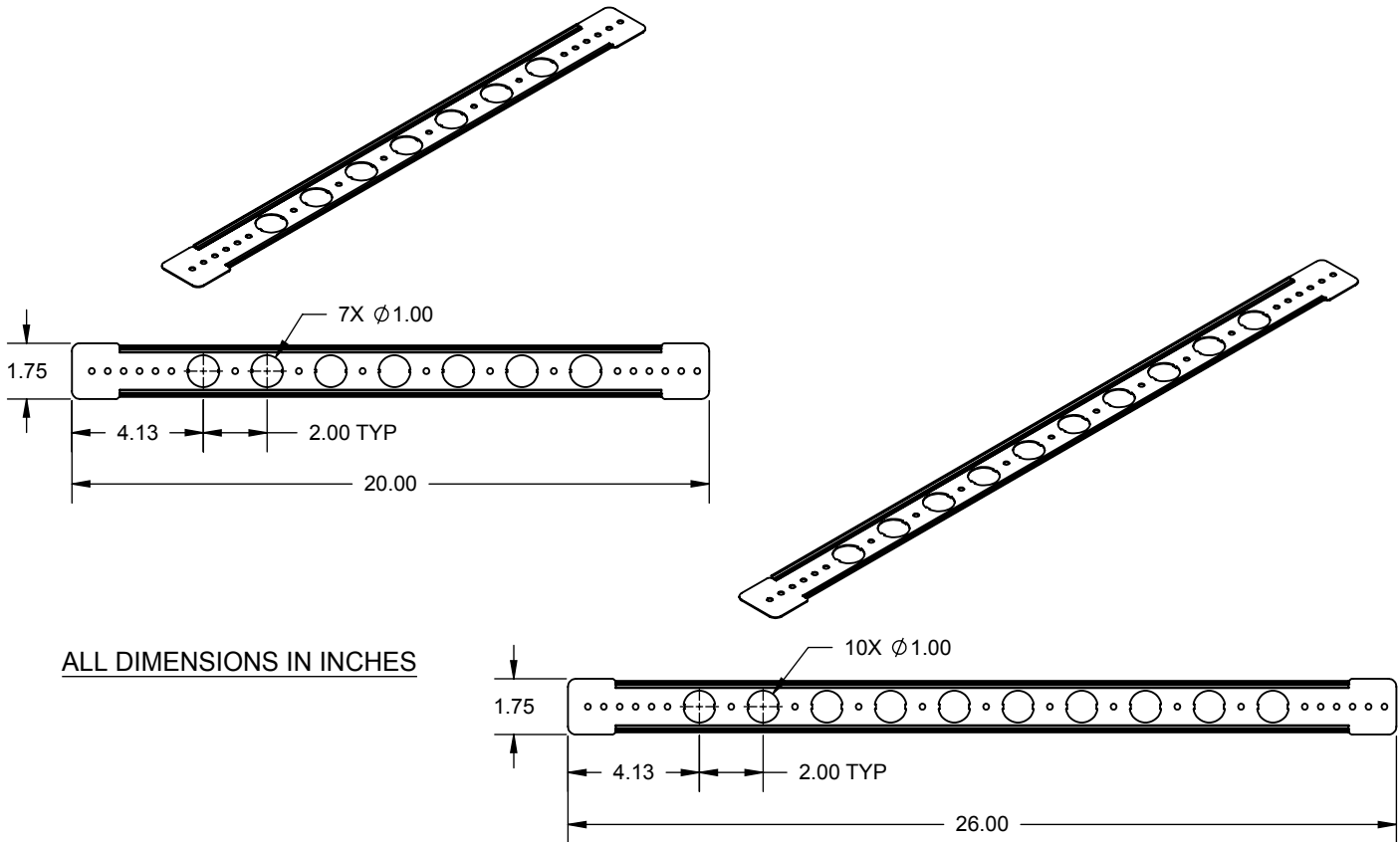
# HOLDRITE®

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 800-321-0316 OR 760-744-6944 / FAX: 760-744-0507 / WWW.HOLDRITE.COM  
 spec\_50-SWHP-WM\_RevE

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

# PRODUCT SPECIFICATION DRAWING

## LOCKRITE™ #601-20 & #601-26



The LOCKRITE™ #601-20 and #601-26 are 20 gage galvanized steel brackets designed exclusively to support CPVC piping. Rolled edges provide added strength. Works exclusively with our glueable HOLDRITE® #604 (1/2") or #605 (3/4") inserts. Inserts snaps into brackets.

### Product Information:

- Material: 20 gage CRS, galvanized
- Load rating: 25 pounds
- UPC / IPC / IAPMO listed



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800-321-0316 OR 760-744-6944 / FAX: 760-744-0507 / WWW.HOLDRITE.COM  
spec\_601-20\_601-26\_RevE

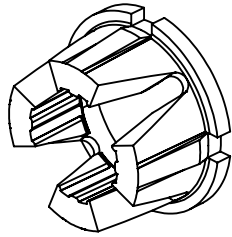
Product Submittal	
Job Name:	
Date:	
Part Number:	Qty:
Architect / Owner:	
Contractor:	
Notes:	



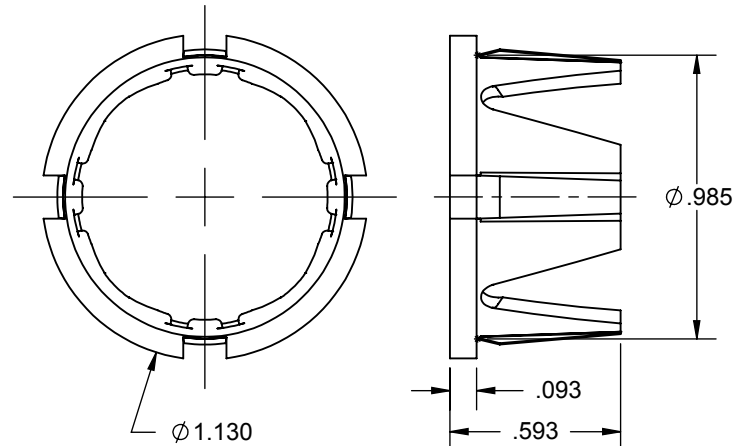
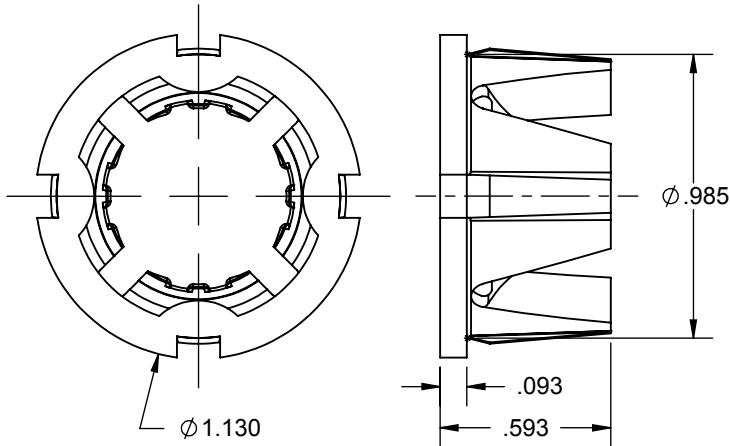
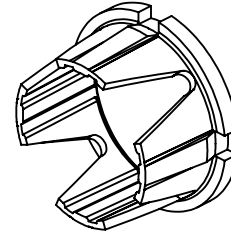
# PRODUCT SPECIFICATION DRAWING

## LOCKRITE™ #604 & #605 Inserts

**#604 (1/2")**



**#605 (3/4")**



The LOCKRITE™ #604 and #605 inserts are designed to work with our #601 and #609-N-6 brackets for securing CPVC tubing. Treat inserts as you would fittings by generously applying glue to both the pipe and insert to secure stub-out in place.

### Product Information:

- Material: PVC, white
- Temperature range: -10°F to +150°F
- Load rating: 25 pounds
- UPC / IPC / IAPMO listed



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# HOLDRITE®

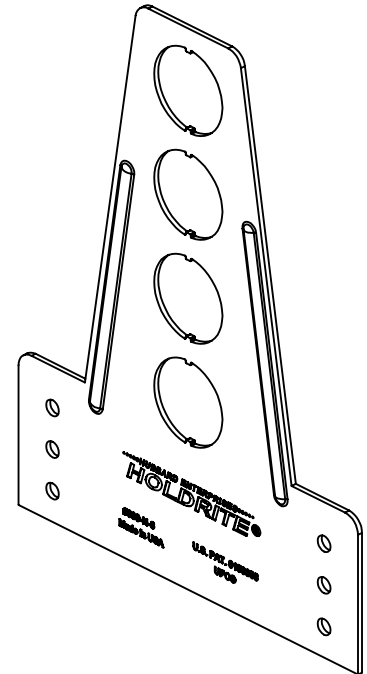
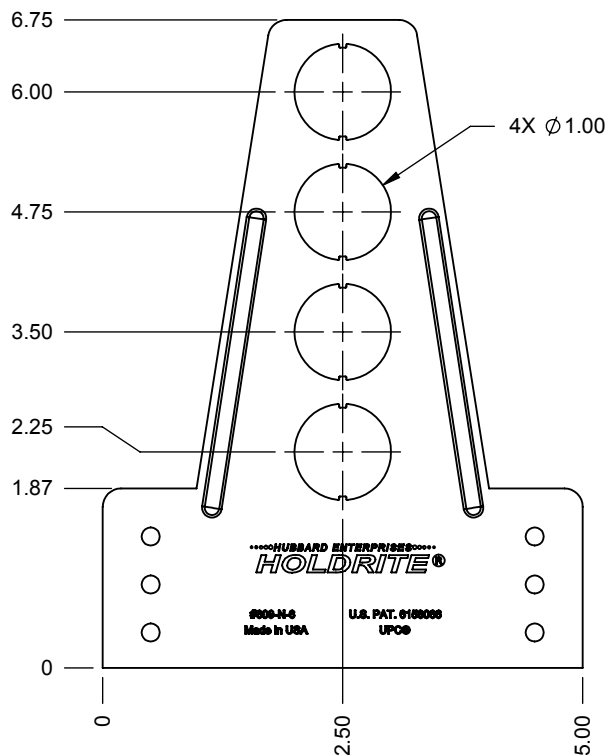
CONVERTING MAKESHIFT METHODS INTO ENGINEERED SOLUTIONS<sup>SM</sup>

800-321-0316 OR 760-744-6944 / FAX: 760-744-0507 / WWW.HOLDRITE.COM  
spec\_604\_605\_RevE

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

# PRODUCT SPECIFICATION DRAWING

## LOCKRITE™ #609-N-6 Bracket



ALL DIMENSIONS IN INCHES

The LOCKRITE™ #609-N-6 is a 16 gage galvanized steel bracket with 1" hole on 1-1/4" centers. Ideal for toilets or hose bib stub-outs. Also serves as a nail plate. This bracket is designed to work exclusively with our glueable HOLDRITE® #604 (1/2") of #605 (3/4") inserts when installing CPVC tubing. Inserts snaps into bracket.

### Product Information:

- Material: 16 gage CRS, galvanized
- Load rating: 25 pounds
- UPC / IPC / IAPMO listed



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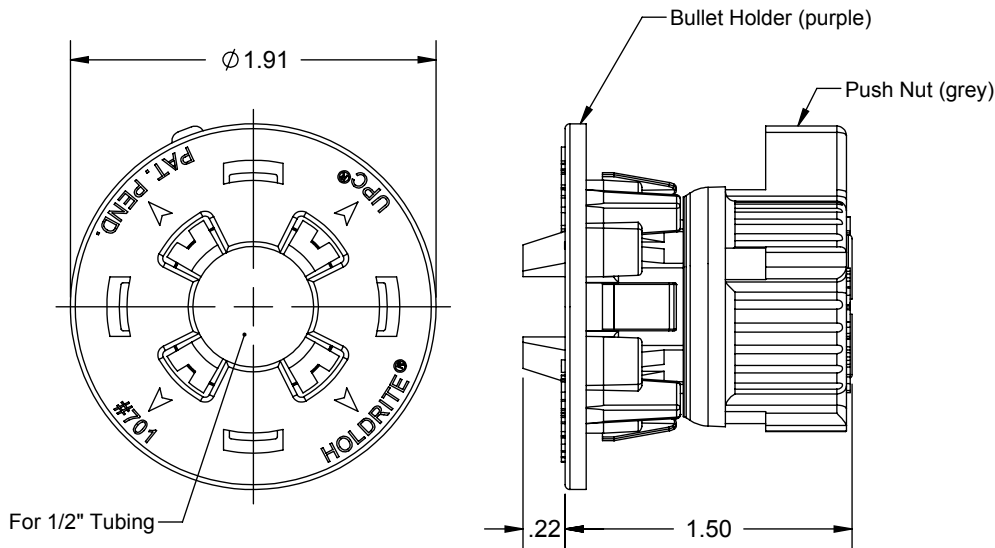
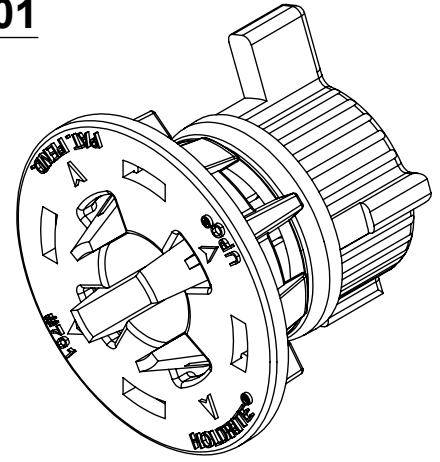
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800-321-0316 OR 760-744-6944 / FAX: 760-744-0507 / WWW.HOLDRITE.COM  
spec\_609-N-6\_RevG

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

# PRODUCT SPECIFICATION DRAWING

## HOLDRITE® LOCK-n-LOAD™ #701



The HOLDRITE® LOCK-n-LOAD™ #701 is a clamp that mounts into our #103, #709, #110-R or #721 Series Bracket. This clamp requires no hardware to install and is designed to firmly grip fixture stub-outs such as bullets or similar 1/2" CTS tubing. The HOLDRITE LOCK-n-LOAD #701 is for use with PEXRITE Brackets only.

### Product Information:

- Material: Nylon
- Color: Purple (Bullet Holder), Grey (Push Nut)
- Temperature range: -10°F to +140°F (tentative)
- Load rating: 25 pounds
- UPC / IPC / IAPMO listed



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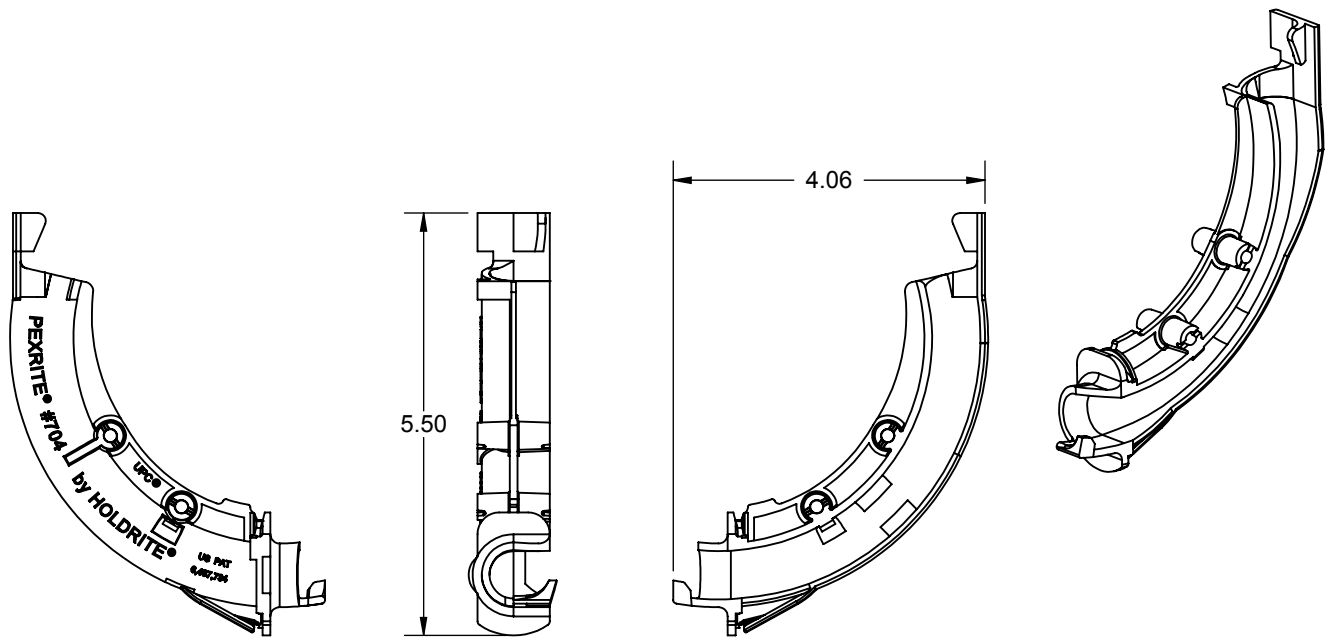
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800-321-0316 OR 760-744-6944 / FAX: 760-744-0507 / WWW.HOLDRITE.COM  
spec\_701\_RevI

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

# PRODUCT SPECIFICATION DRAWING

## PEXRITE® TURN-OUT #704



ALL DIMENSIONS IN INCHES

The PEXRITE® TURN-OUT #704. This bend support works with our PEXRITE® #103, #110-R, #709 and #721 series brackets or can be attached directly to framing. Supports either 3/8" or 1/2" PEX tubing. The PEXRITE® TURN-OUT #704 is for use with PEXRITE brackets only.

### Product Information:

- Material: Nylon
- Temperature range: -10°F to +180°F
- Load rating: 25 pounds
- UPC / IPC / IAPMO listed



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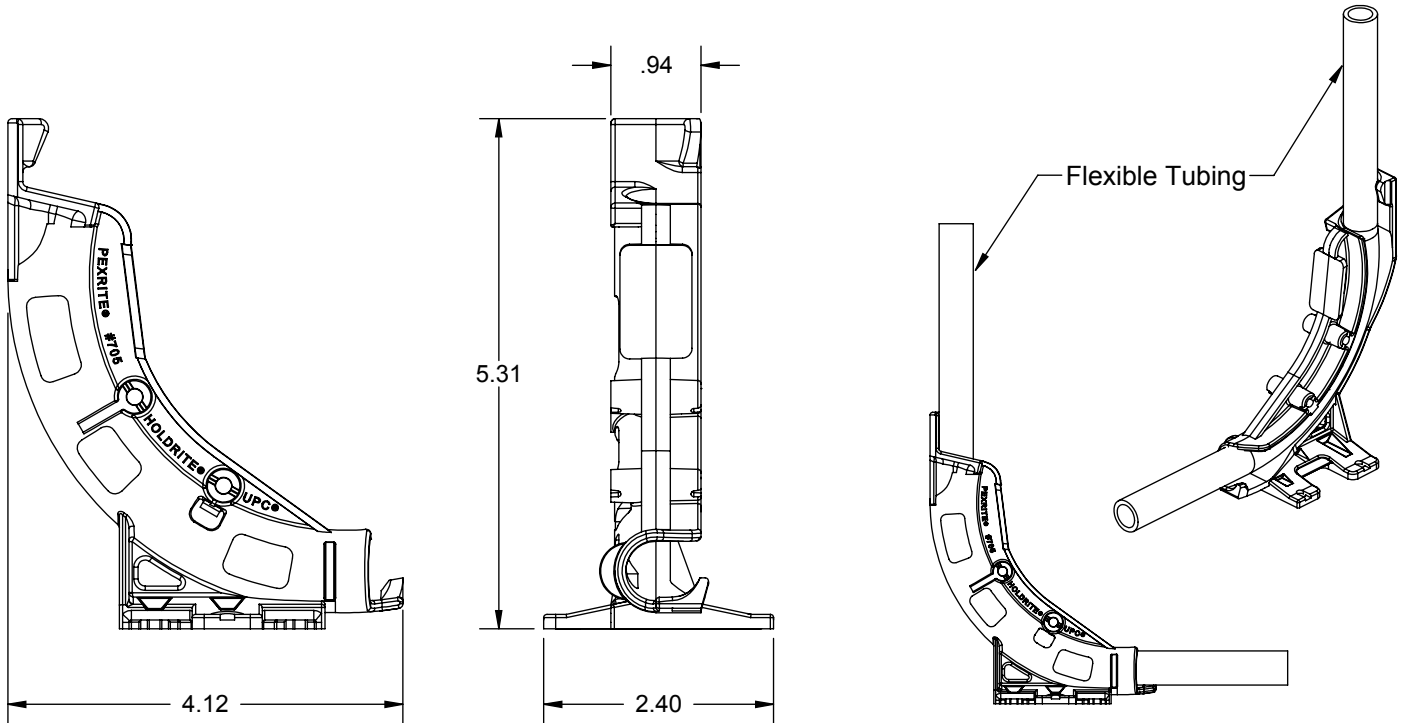
# HOLDRITE®

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800-321-0316 OR 760-744-6944 / FAX: 760-744-0507 / WWW.HOLDRITE.COM  
spec\_704\_RevL

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

# PRODUCT SPECIFICATION DRAWING

## PEXRITE® #705



ALL DIMENSIONS IN INCHES

The PEXRITE® #705 supports one 3/8" - 5/8" O.D. flexible tubing line (PEX or soft copper). Ideal for positioning tubing at 90° prior to concrete slab pouring. For elevated slabs, nail bracket to form decking or edge form. When used at a fixture stub-out location, nail or screw support base to framing cross-member.

### Product Information:

- Material: Polypropylene, 30% Glass Filled
- Temperature range: -10°F to +190°F
- Load rating: 25 pounds
- Patent Pending

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# HOLDRITE®

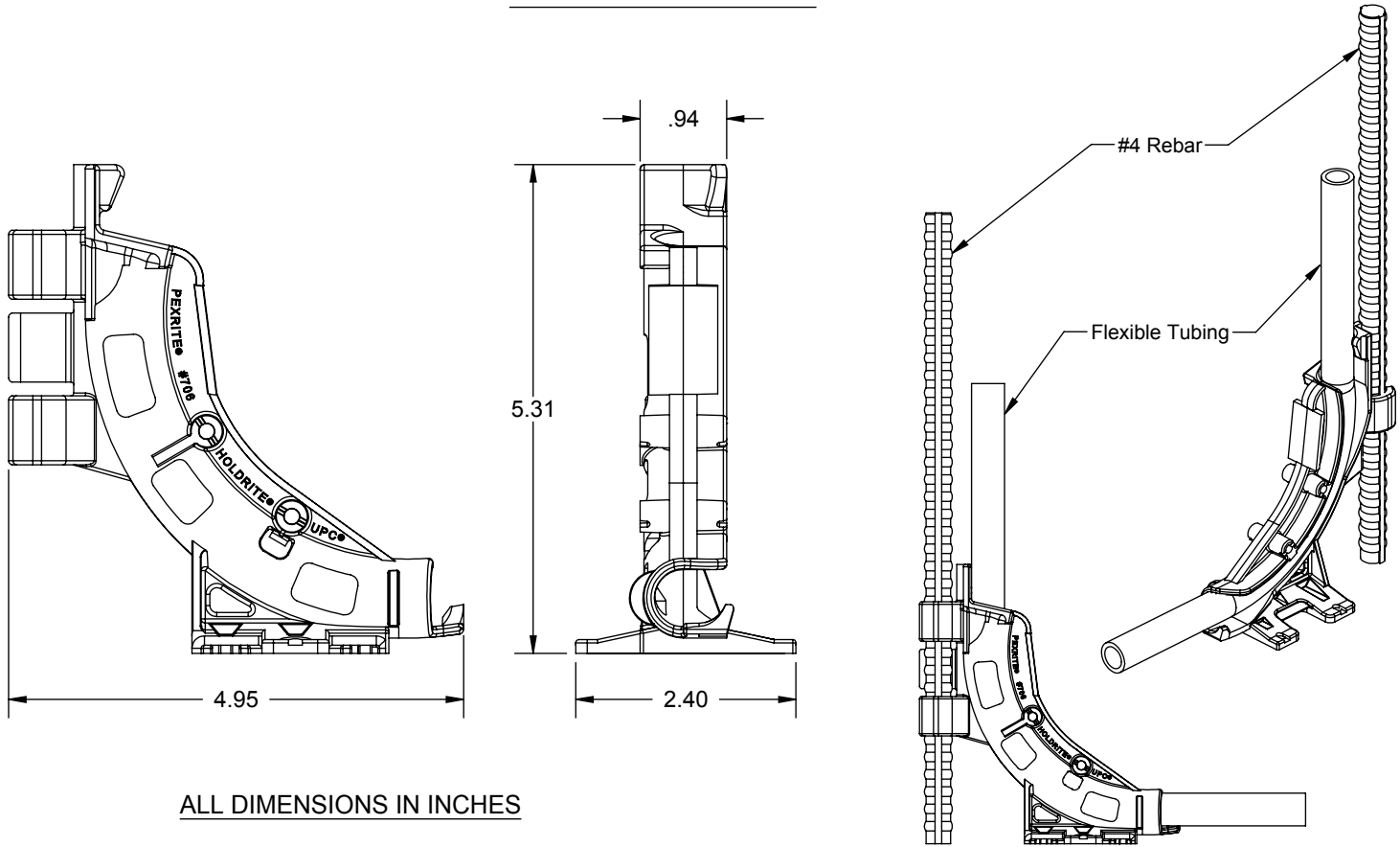
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800-321-0316 OR 760-744-6944 / FAX: 760-744-0507 / WWW.HOLDRITE.COM  
spec\_705\_RevC

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

# PRODUCT SPECIFICATION DRAWING

## PEXRITE® #706



The PEXRITE® #706 supports one 3/8" - 5/8" O.D. flexible tubing line (PEX or soft copper). Ideal for positioning tubing at 90° prior to concrete slab pouring. For slab-on-grade (ground work), secure bracket with #4 rebar driven into the ground.

### Product Information:

- Material: Polypropylene, 30% Glass Filled
- Temperature range: -10°F to +190°F
- Load rating: 25 pounds
- Patent Pending

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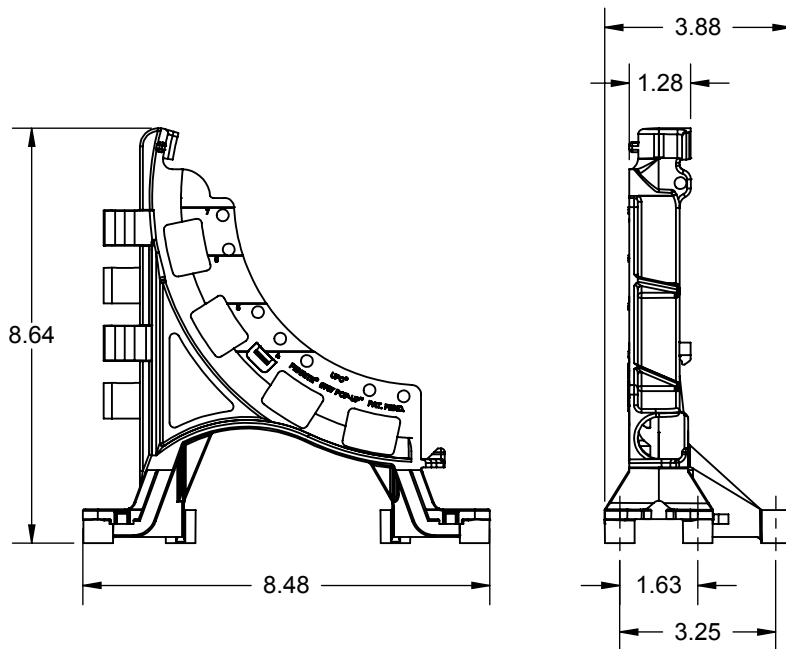
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spec\_706\_RevC

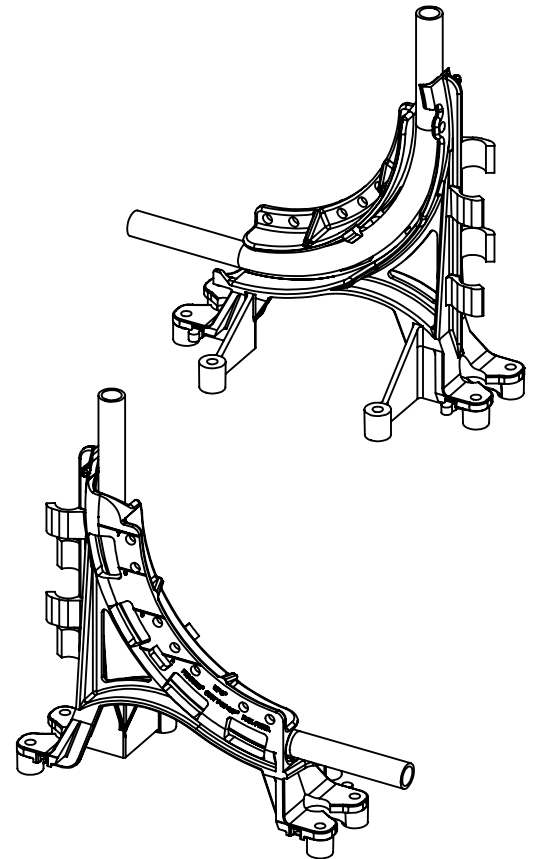
Product Submittal	
Job Name:	
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Part Number:	Qty:
Architect / Owner:	
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# PRODUCT SPECIFICATION DRAWING

## PEXRITE® #707 POP-UP™



ALL DIMENSIONS IN INCHES



The PEXRITE® #707 POP-UP™ supports one 3/8" - 7/8" O.D. flexible tubing line (PEX or softer copper). Ideal for positioning tubing prior to concrete slab pouring. For elevated slabs, nail bracket to form decking or edge form. For slab-on-grade (ground work), secure bracket with #4 rebar driven into the ground.

### Product Information:

- Material: Reinforced Polypropylene
- Temperature range "post install": -10°F to +190°F
- Load rating: 25 pounds
- Patent Pending
- UPC / IPC / IAPMO listed



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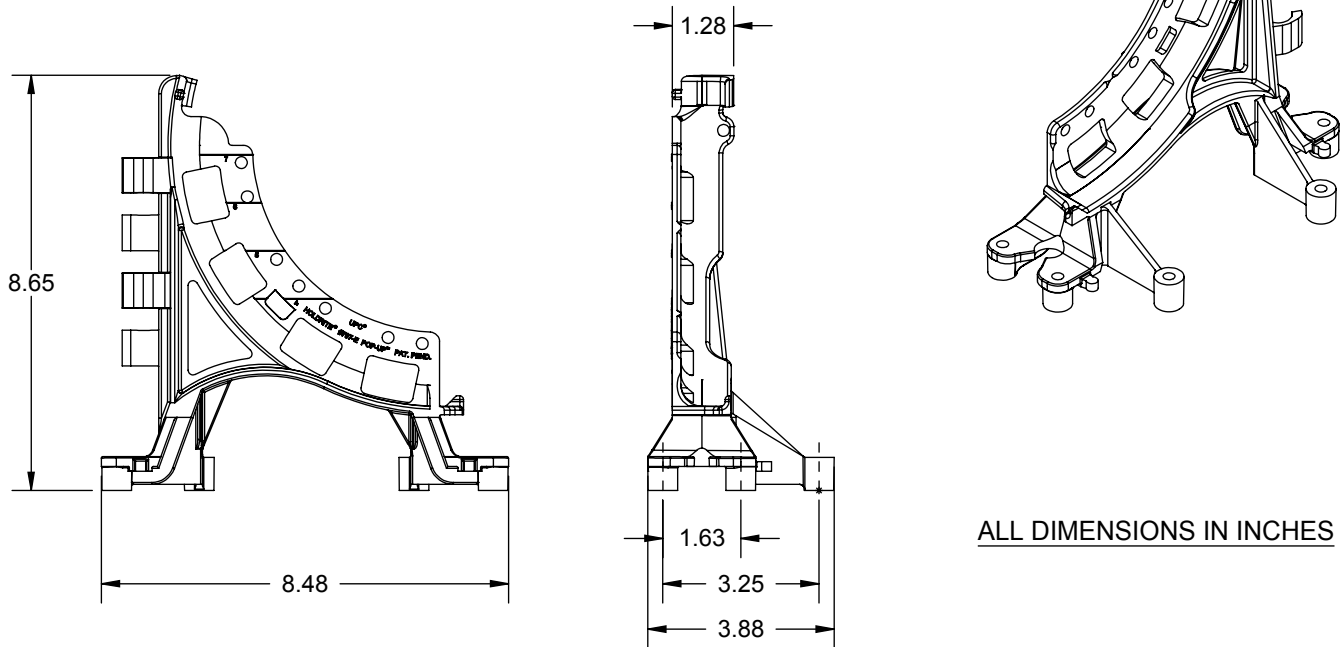
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Product Submittal	
Job Name:	
Date:	
Part Number:	Qty:
Architect / Owner:	
Contractor:	
Notes:	

# PRODUCT SPECIFICATION DRAWING

## HOLDRITE® #707-E POP-UP™



The HOLDRITE® #707-E POP-UP™ supports flexible pipe and tubing lines or rigid conduit up to 1" IPS in a 90° pattern. Ideal for positioning in-slab piping prior to concrete slab pouring. For elevated slabs, nail or screw bracket to form decking or edge form. For slab-on-grade (ground work), secure bracket with #4 rebar driven into the ground. Piping is attached to bracket with zip ties (3 included).

### Product Information:

- Material: Reinforced Polypropylene
- Temperature range "post install": -10°F to +190°F
- Load rating: 25 pounds
- Patent Pending

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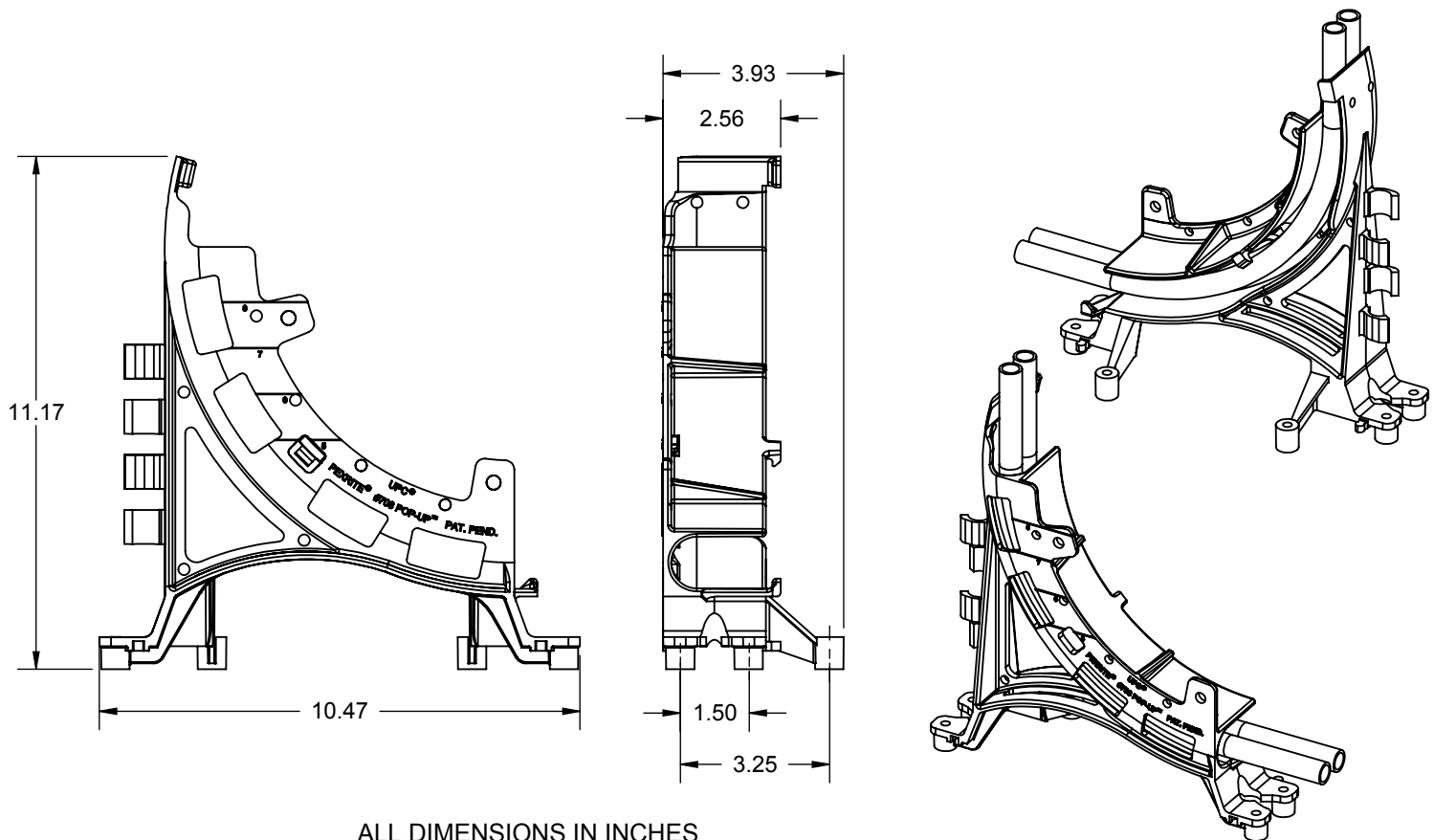
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Product Submittal	
Job Name:	
Date:	
Part Number:	Qty:
Architect / Owner:	
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# PRODUCT SPECIFICATION DRAWING

## PEXRITE® #708 POP-UP™



The PEXRITE® #708 POP-UP™ supports up to three 3/8" O.D. or two 1-1/8" O.D. flexible tubing lines (PEX or softer copper). Ideal for positioning tubing prior to concrete slab pouring. For elevated slabs, nail bracket to form decking or edge form. For slab-on-grade (ground work), secure bracket with #4 rebar driven into the ground.

### Product Information:

- Material: Reinforced Polypropylene
- Temperature range "post install": -10 °F to +190 °F
- Load rating: 25 pounds
- Patent Pending
- UPC / IPC / IAPMO listed



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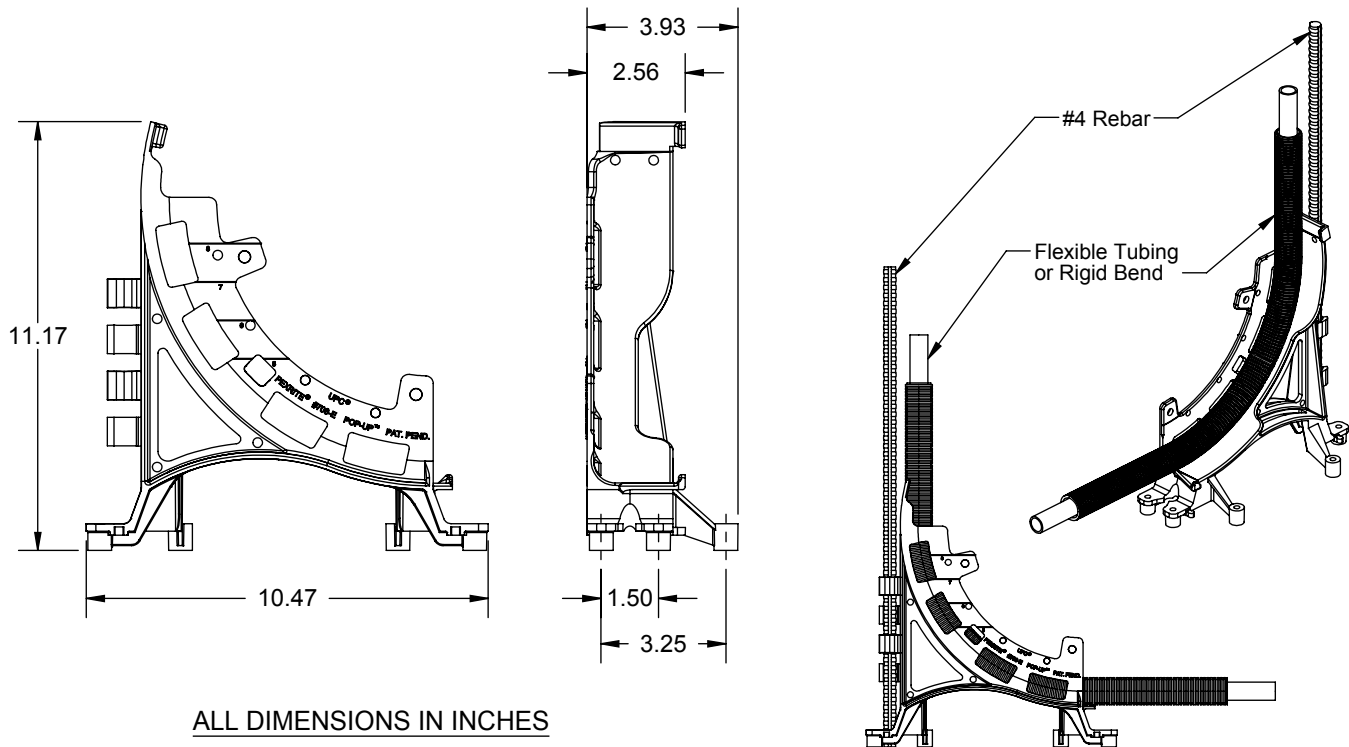
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spec\_708\_RevH

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

# PRODUCT SPECIFICATION DRAWING

## PEXRITE® #708-E POP-UP™



The PEXRITE® #708-E POP-UP™ supports flexible pipe and tubing lines or rigid conduit up to 2" in a 90° pattern. Ideal for positioning pipe prior to concrete slab pouring. For elevated slabs, nail bracket to form decking or edge form. For slab-on-grade (ground work), secure bracket with #4 rebar driven into the ground.

### Product Information:

- Material: Reinforced Polypropylene
- Temperature range "post install": -10°F to +190°F
- Load rating: 25 pounds
- Patent Pending

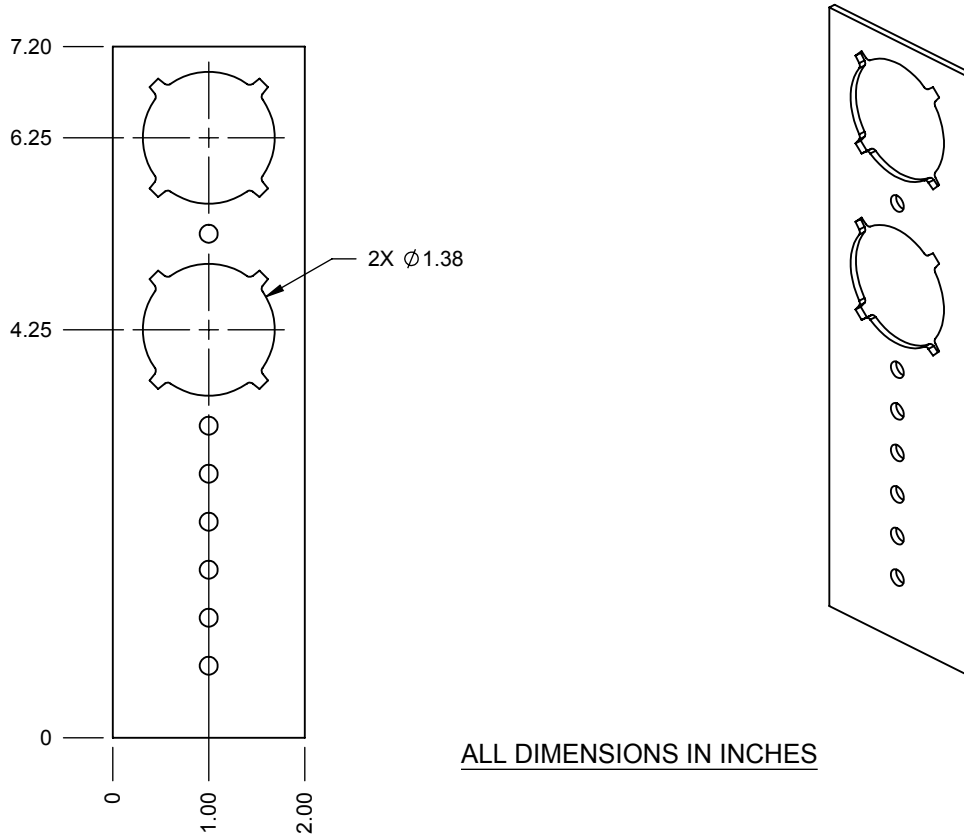
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spec\_708-E\_RevC

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

# PRODUCT SPECIFICATION DRAWING PEXRITE® #709



The PEXRITE® #709 is a 14 gage galvanized steel bracket with 1-3/8" keyed holes providing an approximate 4" and 6" center line off of the floor surface. Designed to work with our PEXRITE® #701 Clamp and #704 Insert. Ideal for lavatories, toilets and hose bibs. Compatible with HOLDRITE® #100 and #400 series inserts.

## Product Information:

- Material: 14 gage CRS, galvanized
- Load rating: 25 pounds
- UPC / IPC / IAPMO listed



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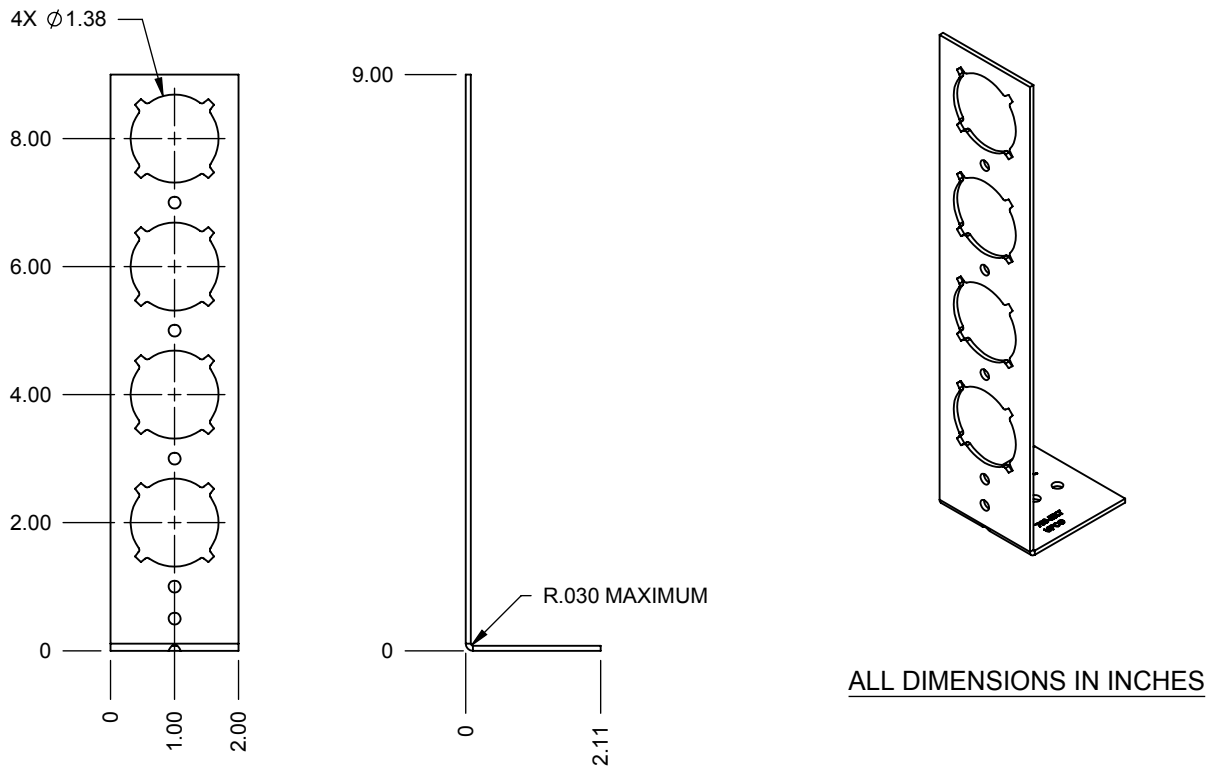
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spec\_709\_RevF

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

# PRODUCT SPECIFICATION DRAWING

## PEXRITE® #709-EXT



The PEXRITE® #709-EXT is a 14 gage galvanized steel bracket with 1-3/8" keyed holes providing a 2", 4", 6" and 8" center line off of the attachment surface. Designed to work with our PEXRITE® #701 Clamp and #704 Insert. Ideal for toilet water supply lines. Compatible with HOLDRITE® Silencer™ #261 and #262 and with #100 and #400 series inserts.

### Product Information:

- Material: 14 gage CRS, galvanized
- Load rating: 25 pounds
- UPC / IPC / IAPMO listed



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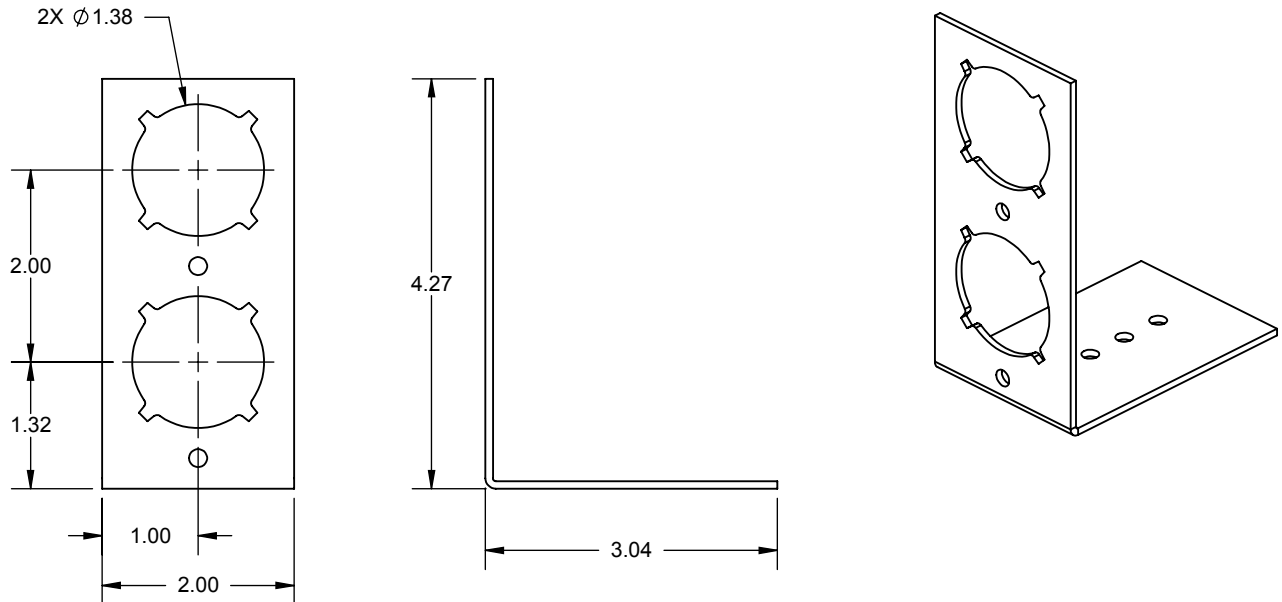
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spec\_709-EXT\_RevG

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

# PRODUCT SPECIFICATION DRAWING

## PEXRITE® #709-L



ALL DIMENSIONS IN INCHES

The PEXRITE® #709-L is a 14 gage galvanized steel bracket with 1-3/8" keyed holes providing an approximate 3" to 5" center line off of the attachment surface. Designed to work with our PEXRITE® #701 Clamp and #704 Insert. Ideal for lavatories, toilets and hose bibs. Compatible with HOLDRITE® #100 and #400 series inserts.

### Product Information:

- Material: 14 gage CRS, galvanized
- Load rating: 25 pounds
- UPC / IPC / IAPMO listed



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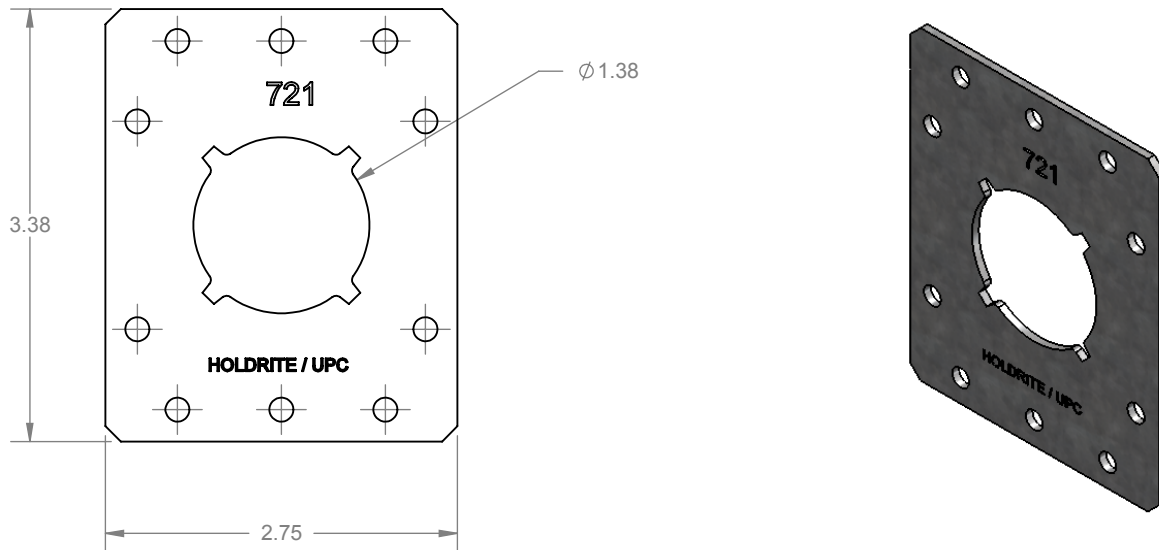
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spec\_709-L\_RevG

Product Submittal	
Job Name:	
Date:	
Part Number:	Qty:
Architect / Owner:	
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# PRODUCT SPECIFICATION DRAWING

## PEXRITE® #721 Bracket



The PEXRITE® #721 is a 14 gage galvanized steel bracket that integrates directly with the PEXRITE® #701 Clamp, #704 Insert and HOLDRITE Stout Brackets®. It provides a PEX pipe support solution for lavatory and toilet applications. The #721 also attaches directly to wood, metal or concrete and various HOLDRITE® #100 and #400 series inserts.

### Product Information:

- Material: 14 gage CRS, galvanized
- Load rating: 25 pounds
- UPC / IPC / IAPMO listed



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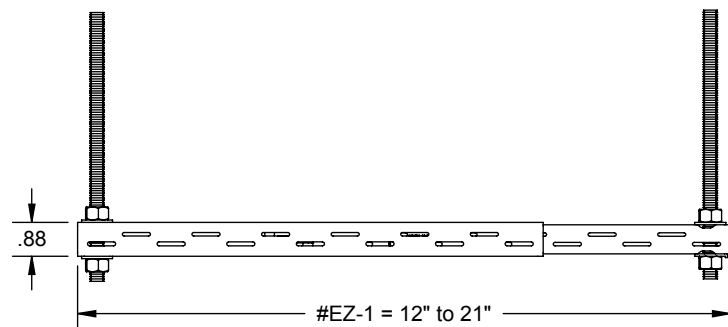
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Job Name:	
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Part Number:	Qty:
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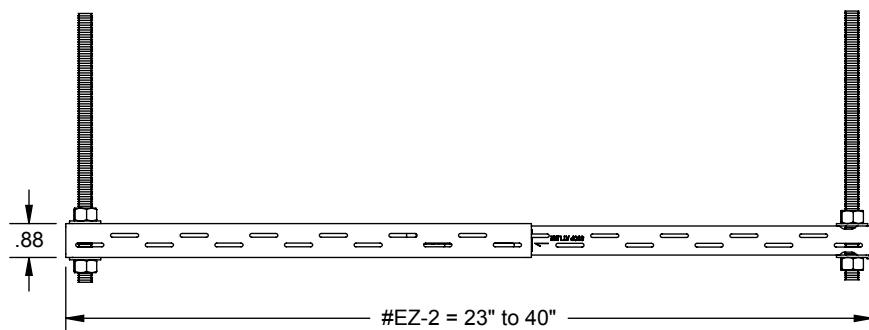
# PRODUCT SPECIFICATION DRAWING

## HOLDRITE® EZ-Strut™ #EZ-1 & #EZ-2 (Trapeze)



### #EZ-1

Beam Span Inches	Maximum Load (lbs.)	
	Center Pt.	Uniform Load
12	1000	1100
18	500	510
21	360	360



### #EZ-2

Beam Span Inches	Maximum Load (lbs.)	
	Center Pt.	Uniform Load
23	400	600
30	400	534
36	160	175
40	120	153

**HOLDRITE® #EZ-1 and #EZ-2 are adjustable length trapeze platforms used in conjunction with all-thread rod for suspending overhead pipes, conduits and other utilities.**

### Product Information:

- Material: 16 gage CRS, galvanized per ASTM-A653-99, G90
- Adjustment ranges: #EZ-1 = 12" to 21"; #EZ-2 = 23" to 40"
- Assembly:
  - Trapeze (2-point support)
    - a) Suspend from 3/8" all-thread rod
    - b) Fix sliding sections at desired length using 2- #8 sheet metal screws (provided)
    - c) Secure sliding sections to rods both above and below with washer and hex nuts
    - d) Attach clamps to desired face of bracket using #8 sheet metal screws
    - e) Do not exceed load rating

#8 SMS supplied or available from Hubbard Enterprises; other hardware furnished by installer

- Several types of pipe clamps are available for attachment to these platforms
- Seismic/sway bracing can be attached where all-thread connects to the trapeze
- UL listing



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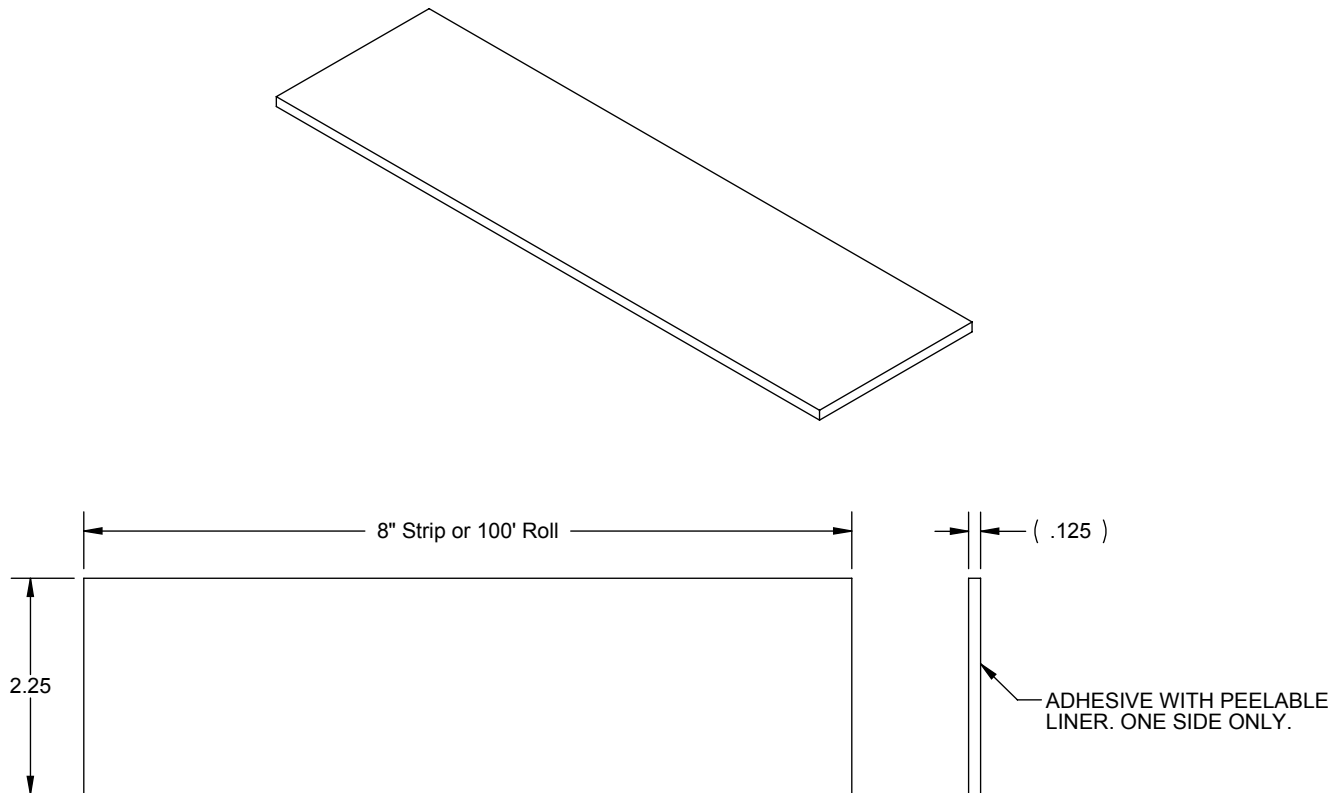
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spec\_EZ-1\_EZ-2\_RevH

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

# PRODUCT SPECIFICATION DRAWING

## Felt 8 & Felt 100 (Accessory)



**Felt 8 and Felt 100 HOLDRITE Isolating felt for use in eliminating dissimilar metal contact and provides minimal sound vibration isolation. One side is self-adhesive. Available in 8" strips and 100' roll.**



### Product Information:

- Material: White Polyester Felt, pressure-sensitive adhesive (PSA), rubber base, one side only

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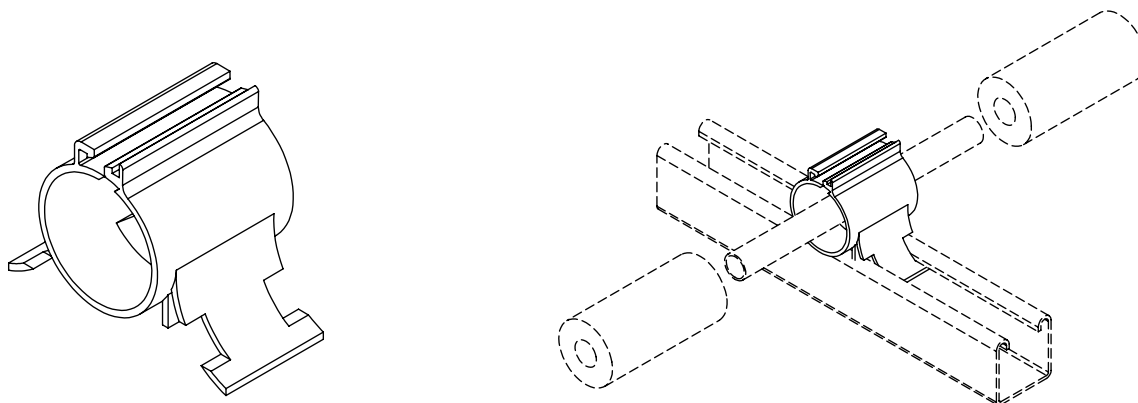
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spec\_Felt 8\_Felt 100\_RevF

Product Submittal	
Job Name:	
Date:	
Part Number:	Qty:
Architect / Owner:	
Contractor:	
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# PRODUCT SPECIFICATION DRAWING

## HOLDRITE® Insulation Coupling 8 Series Strut Mount



THE HOLDRITE® Insulation Coupling “8 Series” clamps are designed for use with insulated pipe lines mounted on strut. These one piece clamps are non-metallic and fasten simply with the use of a pair of pliers and without any hardware or fasteners. Recommended for horizontal positioning only.

### Product Information:

- Installation time is greatly reduced
- Complete vapor barrier at suspension points by gluing or taping the butt joint
- Dramatically improves finished appearance of insulated tube runs
- Eliminates insulation compression at suspension points
- For use as a strut-mounted clamp (recommended for horizontal top mounting only)
- Currently available for 5/8” to 2-5/8” O.D. tube and 1/2” or 1” wall insulation thickness
- Temperature range (safe range): -45°F to 275°F



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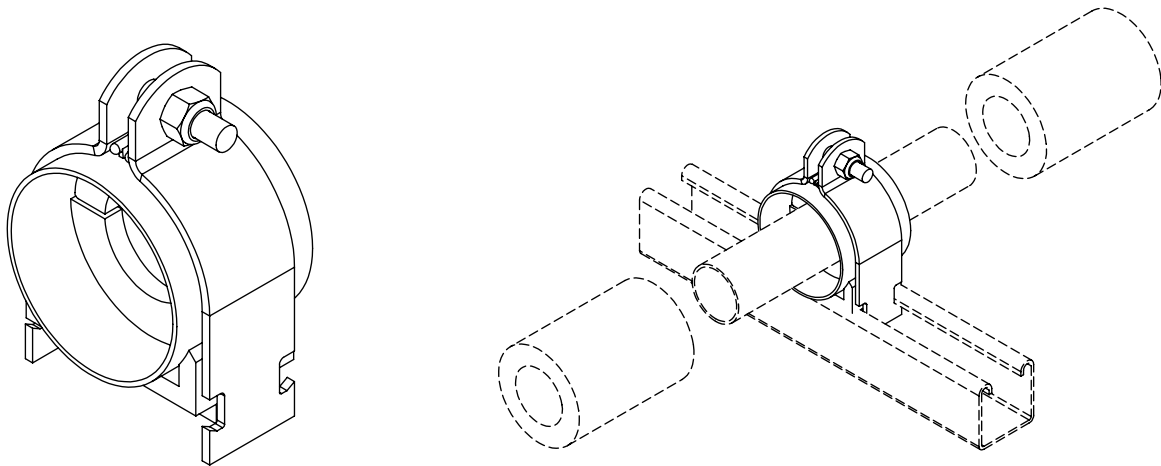
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spec\_Insulation Coupling\_8 Series\_RevC

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

# PRODUCT SPECIFICATION DRAWING

## HOLDRITE® Insulation Coupling 7 Series Strut Mount



THE HOLDRITE® Insulation Coupling “7 Series” strut clamps are for use with insulated pipe lines mounted to strut in any orientation. These are plenum rated insulation clamps are ideal for insulated pipe line support without the need for rigid insulation supports or insulation shields.

### Product Information:

- Installation time is greatly reduced
- Complete vapor barrier at suspension points by gluing or taping the butt joint
- Dramatically improves finished appearance of insulated tube runs
- Eliminates insulation compression at suspension points
- For use as a strut-mounted clamp in any orientation
- Currently available for 5/8” to 4-1/8” O.D. tube and 1/2”, 3/4” & 1” wall insulation thickness
- Plenum rated per UL 2043
- Temperature range (safe range): -45°F to 275°F



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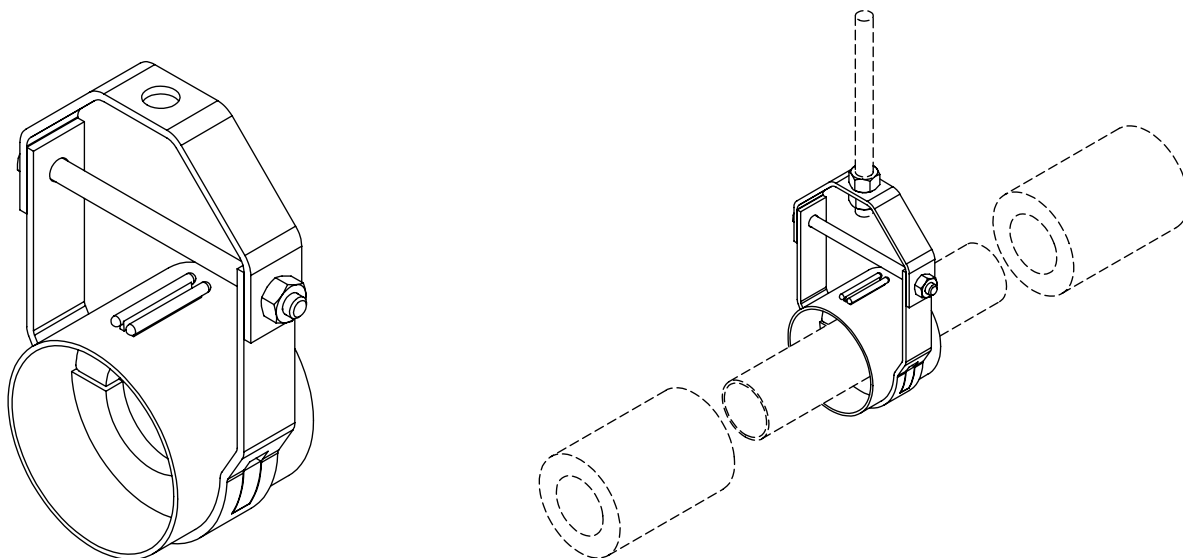
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spec\_Insulation Coupling\_7 Series\_RevC

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

# PRODUCT SPECIFICATION DRAWING

## HOLDRITE® Insulation Coupling Clevis System



THE HOLDRITE® Insulation Coupling Clevis System Hanger provides ideal support for insulated pipe lines. These clevis hangers allow insulation to but up to each side of the insert and eliminate the need for rigid insulation inserts or insulation shields.

### Product Information:

- Installation time is greatly reduced
- Complete vapor barrier at suspension points by gluing or taping the butt joint
- Dramatically improves finished appearance of insulated tube runs
- Eliminates insulation compression at suspension points
- Currently available for 5/8" to 4-1/8" O.D. tube and 1/2" or 1" wall insulation thickness
- Plenum rated per UL 2043
- Temperature range (safe range): -45°F to 275°F



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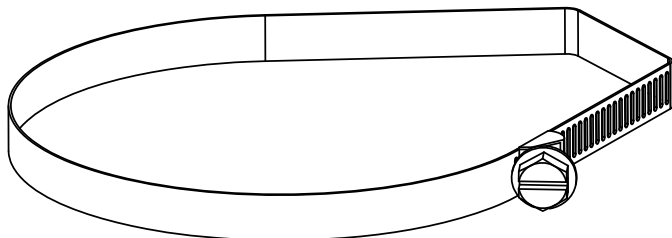
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spec\_Insulation Coupling\_Clevis System\_RevC

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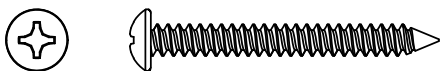
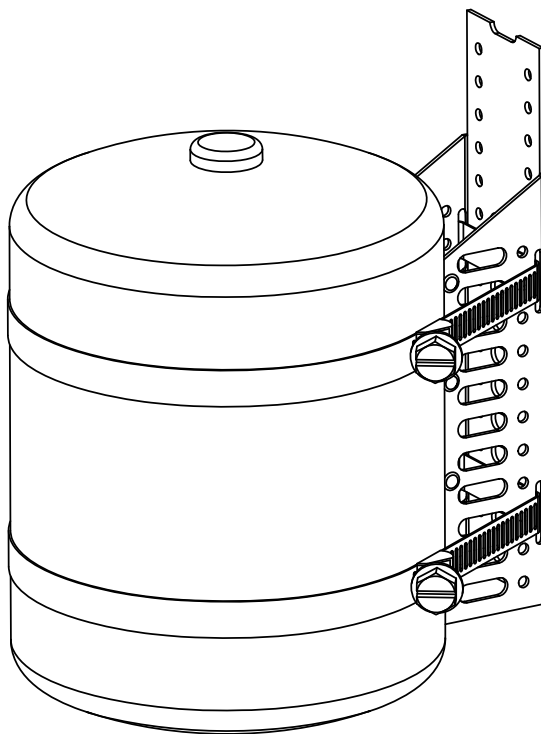
# PRODUCT SPECIFICATION DRAWING

## QUICK STRAP® #QS-5, #QS-12

### THERMAL EXPANSION TANK MOUNTING BRACKET



1/2" Wide, .025" Thick, Stainless Steel Band; (2)



#8 x 1.5" Sheet Metal Screw; (2)

ALL DIMENSIONS IN INCHES

The QUICK STRAP® #QS-5, #Q-12 is a thermal expansion tank mounting bracket. Secures to wall and takes weight and load off pipes. Galvanized and stainless steel construction. Available for 2-5 gallon units. The system includes: Wall Bracket, (2) Straps, and (2) #8 x 1.5" Sheet Metal Screws.

MODEL	SIZE
QS-5	UP TO 2.5 GAL; UP TO 9.0" DIA
QS-12	2.5 TO 5 GAL; 9.5" TO 13" DIA

#### Product Information:

- Material: Strap, 1/2" Wide, .025" Thick, 201/301 Stainless Steel
- Material: Bracket, 16 Gauge Galvanized Steel

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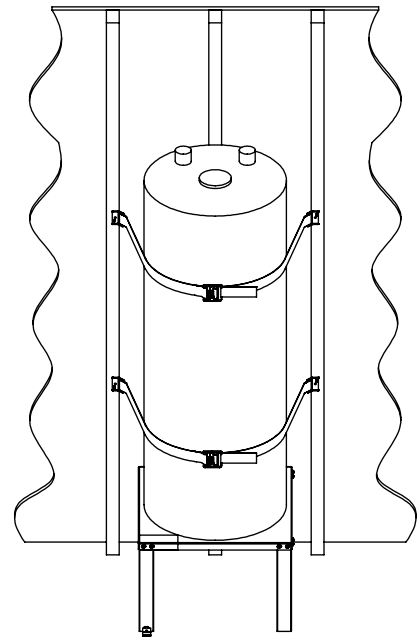
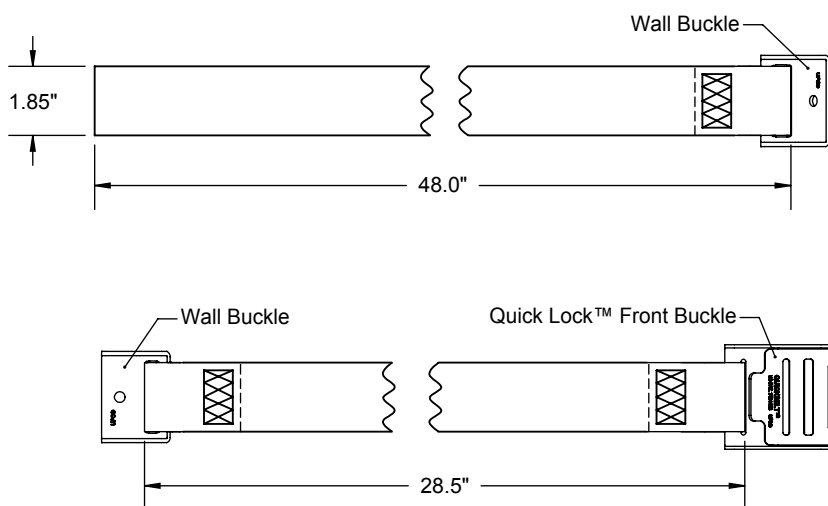
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 spec\_QS-5\_-12\_RevC

Product Submittal	
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Architect / Owner:	
Contractor:	
Notes:	

# PRODUCT SPECIFICATION DRAWING

## QUICK BELT™ #QB-50-F

### Seismic support for water heaters



Lag Bolt, #1/4-10 x 2-1/2" Long



Belt Clip

ALL DIMENSIONS IN INCHES

The QUICK BELT™ #QB-50-F is a seismic/earthquake support system for water heaters up to 80 U.S. gallons in size. The system includes: (4) Straps, (4) Lag Bolts and (2) Belt Clips. The Quick Lock™ system allows for secure locking of the strap from the front side of the water heater.

#### Product Information:

- Material:  
Wall Buckles: 12 gage CRS, galvanized  
Front Buckle: 14 gage CRS, galvanized  
Strap: Polyester, medium gray
- Approval: DSA #002-04
- U.S. Patent 7461435
- UPC / IPC / IAPMO listed



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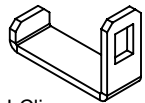
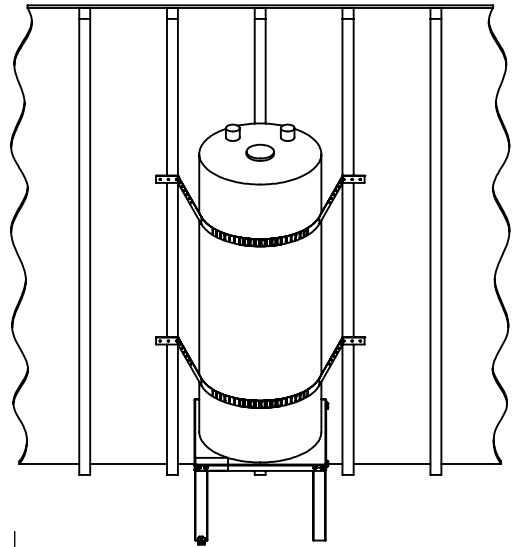
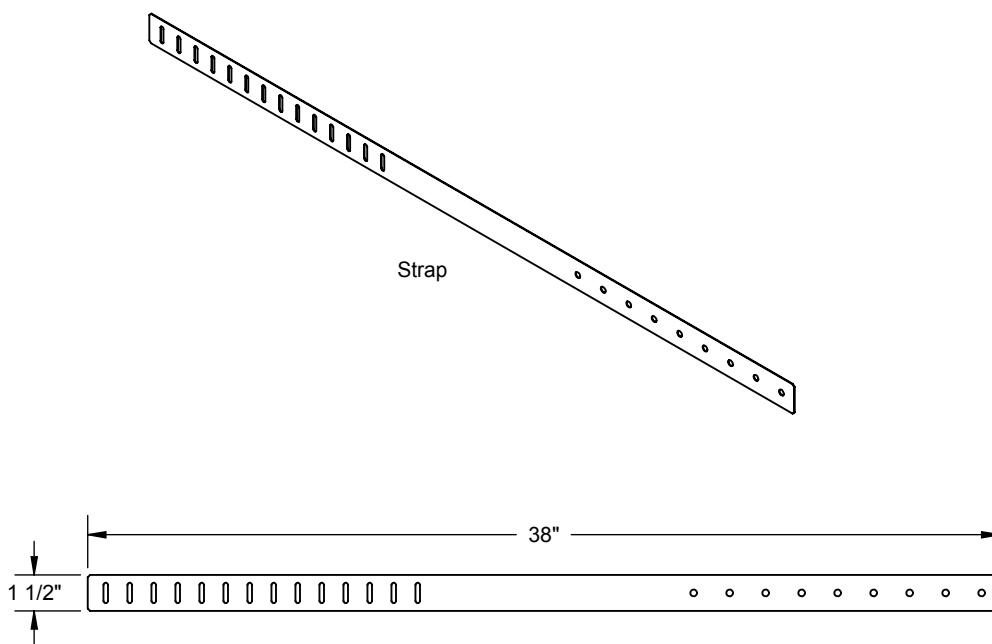
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spec\_QB-50-F\_RevH

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

# PRODUCT SPECIFICATION DRAWING

## QUICK STRAP® #QS-50

### Seismic support for water heaters



J-Clip



Carriage Bolt, #3/8-16 x 3.0" long



3/8" Hex Nut

ALL DIMENSIONS IN INCHES

The QUICK STRAP® #QS-50 is a seismic/earthquake support system for water heaters up to 80 U.S. gallons in size. The system includes: (4) Straps, (2) J-Clips, (2) 3/8" Carriage Bolts and (2) 3/8" Hex Nuts. The Quick Link® system allows for full adjustment from the front side of the water heater.

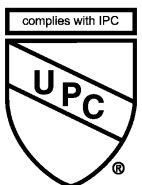
#### Product Information:

- Material: Strap, 24 gage CRS, galvanized
- California Division State Architect (DSA) approval #97-010
- UPC / IPC / IAPMO listed

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spec\_QS-50\_Rev1

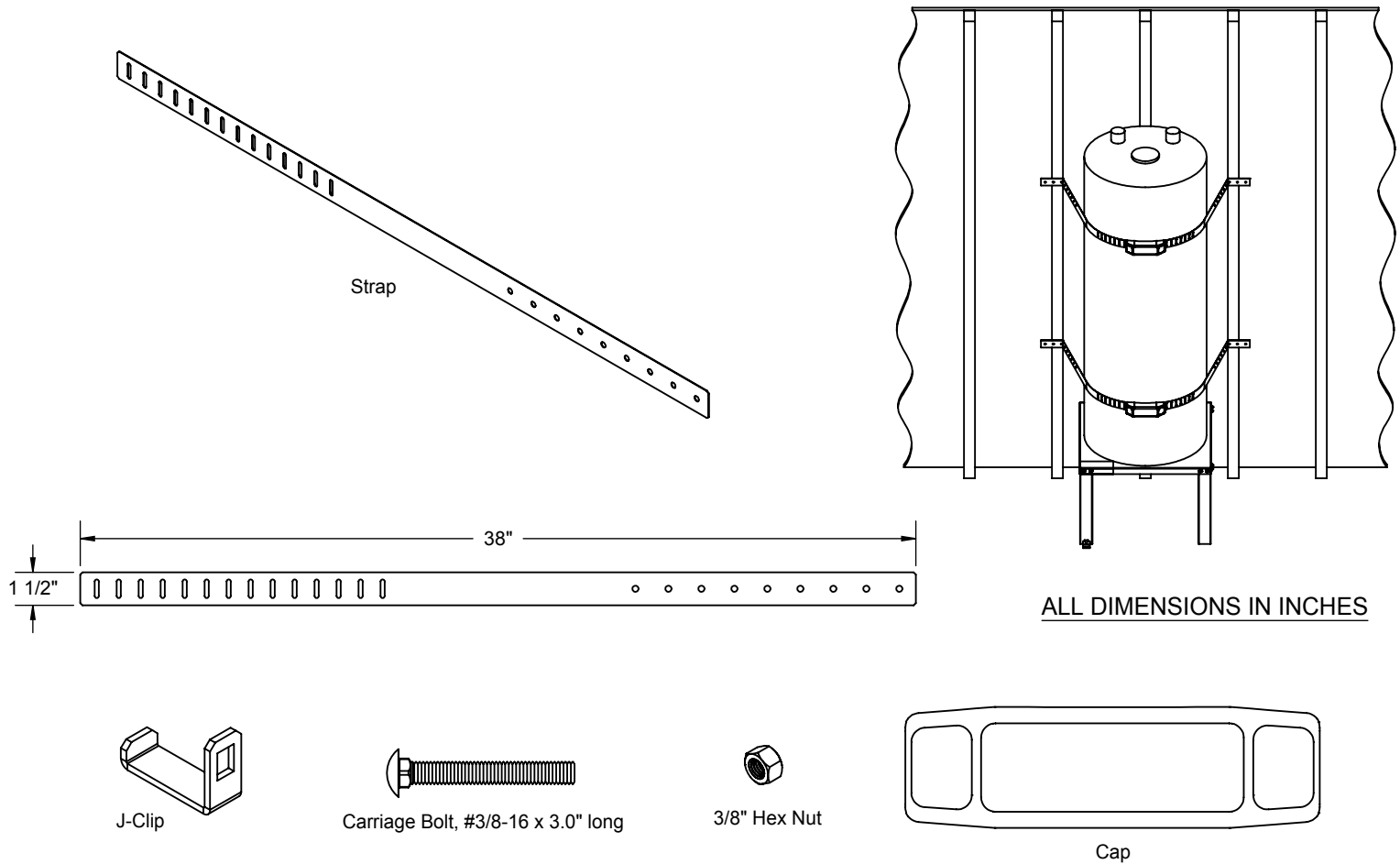


Product Submittal	
Job Name:	
Date:	
Part Number:	Qty:
Architect / Owner:	
Contractor:	
Notes:	

# PRODUCT SPECIFICATION DRAWING

## QUICK STRAP® #QS-50-D

### Seismic support for water heaters



The QUICK STRAP® #QS-50-D is a seismic/earthquake support system for water heaters up to 80 U.S. gallons in size. The system includes: (4) Straps, (2) J-Clips, (2) 3/8" Carriage Bolts, (2) Caps and (2) 3/8" Hex Nuts. The Quick Link® system allows for full adjustment from the front side of the water heater.

#### Product Information:

- Material: Strap, 24 gage CRS, galvanized
- Finish: Powder coat, polyester, white texture
- California Division State Architect (DSA) approval #97-010
- UPC / IPC / IAPMO listed

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spec\_QS-50-D\_Rev1

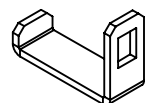
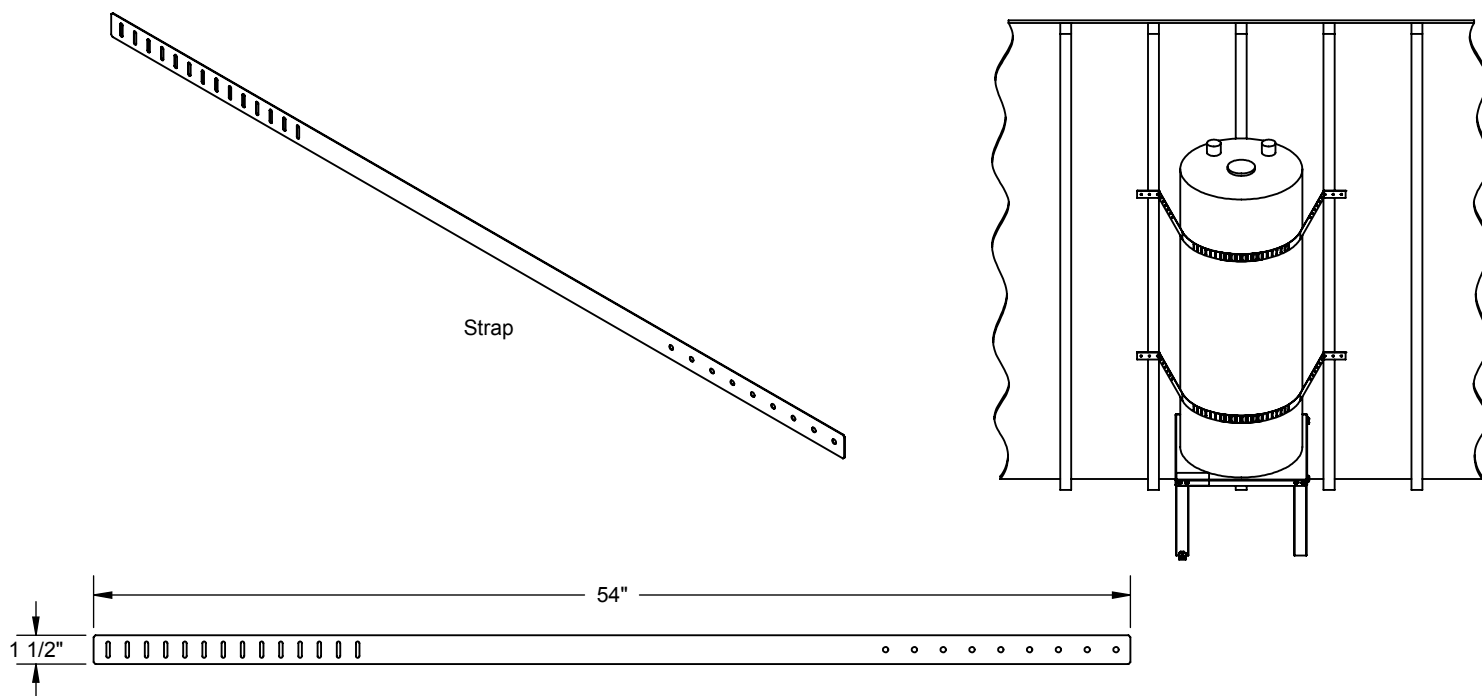


Product Submittal	
Job Name:	
Date:	
Part Number:	Qty:
Architect / Owner:	
Contractor:	
Notes:	

# PRODUCT SPECIFICATION DRAWING

## QUICK STRAP® #QS-120

### Seismic support for water heaters



J-Clip



Carriage Bolt, #3/8-16 x 3.0" long



3/8" Hex Nut

ALL DIMENSIONS IN INCHES

The QUICK STRAP® #QS-120 is a seismic/earthquake support system for water heaters up to 120 U.S. gallons in size. The system includes: (4) Straps, (2) J-Clips, (2) 3/8" Carriage Bolts and (2) 3/8" Hex Nuts. The Quick Link® system allows for full adjustment from the front side of the water heater.

#### Product Information:

- Material: Strap, 24 gage CRS, galvanized
- California Division State Architect (DSA) approval #98-018
- UPC / IPC / IAPMO listed

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spec\_QS-120\_Rev1



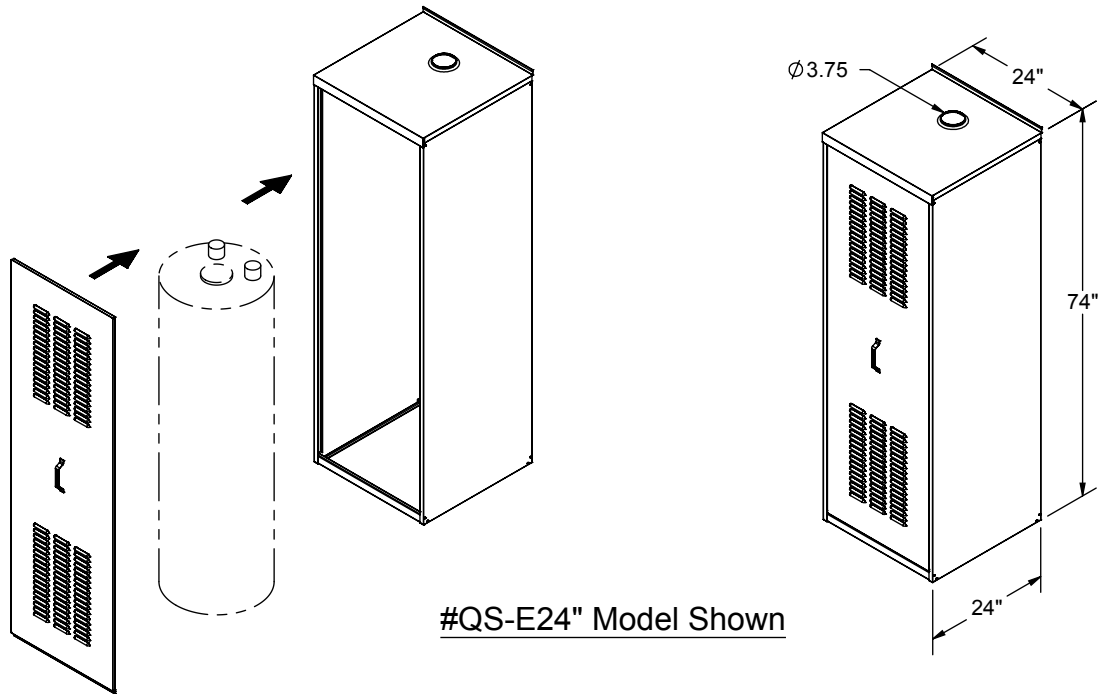
Product Submittal	
Job Name:	
Date:	
Part Number:	Qty:
Architect / Owner:	
Contractor:	
Notes:	



# PRODUCT SPECIFICATION DRAWING

## QUICK SHED™ #QS-E24, QS-E26 & #QS-E30

### Water Heater Enclosures (24", 26" & 30" Models)



The **HOLDRITE® QUICK SHED™** Water Heater Enclosures are constructed of galvanized steel and provide protection for water heaters installed in outdoor locations. Anchor points at the rear of the enclosure allows for optional attachment to the adjacent building structure.

#### Product Information:

- **Material:**
  - Top, Door, Left & Right Side: .018" - .021" Thick, Galvanized CRS
  - Back Brace & Beam: .023" - .026" Thick, Galvanized CRS
  - Handle: 16GA, Galvanized CRS
- **Weight (without Packaging & Water Heater):**
  - Model #QS-E24 = 39 LBS
  - Model #QS-E26 = 42 LBS
  - Model #QS-E30 = 49 LBS
- **Outside dimensions:**
  - Model #QS-E24 = 24" x 24" x 74"
  - Model #QS-E26 = 26" x 26" x 74"
  - Model #QS-E30 = 30" x 30" x 74"
- **Water Heater Dimensions:**
  - QS-E24: Up to 40 gallons or 22" diameter by 68" high
  - QS-E26: Up to 40 gallons or 24" diameter by 68" high
  - QS-E30: Up to 80 gallons or 27" diameter by 68" high

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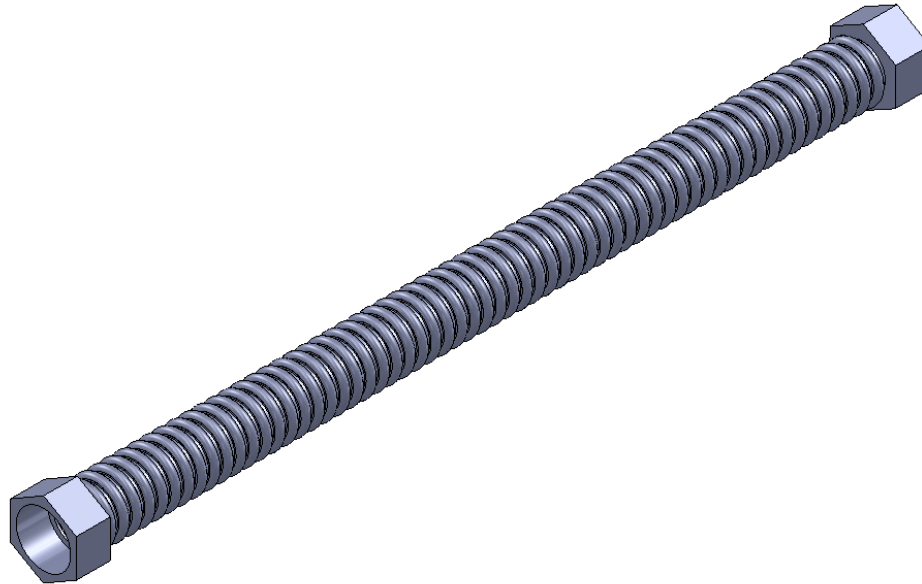
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 spec\_QuickShed\_24\_26\_30\_RevE

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

# PRODUCT SPECIFICATION DRAWING

## HOLDRITE® QUICK FLEX™ Connectors



**HOLDRITE® QUICK FLEX™ Connectors** are designed to provide fast and easy connections for water heaters and other equipment, such as boilers, water softeners, etc. They are made of large-ID corrugated stainless steel tube, which has higher flow rates than standard copper or braided connectors and isolates against electrolysis. These connectors are more flexible than standard copper flex connectors and are less likely to kink. Available in several sizes from 3/4" to 2" FIP connectors and from 12" - 24" lengths. For water use ONLY.

### Product Information:

- Material: 304 Stainless Steel
- Chrome Plated Brass Nut (FIP x FIP swivel nuts)
- Meets ASME A112.18.6
- IAPMO Listed
- Meets UPC and IPC Codes
- Pressure rating: 125 Service/200 Max PSI
- Temperature rating: 190 Degrees
- Full Flow Connector - no Restrictions
- EPDM washer for chemical compatibility
- Easy Installation
- Complies with CA Lead Law



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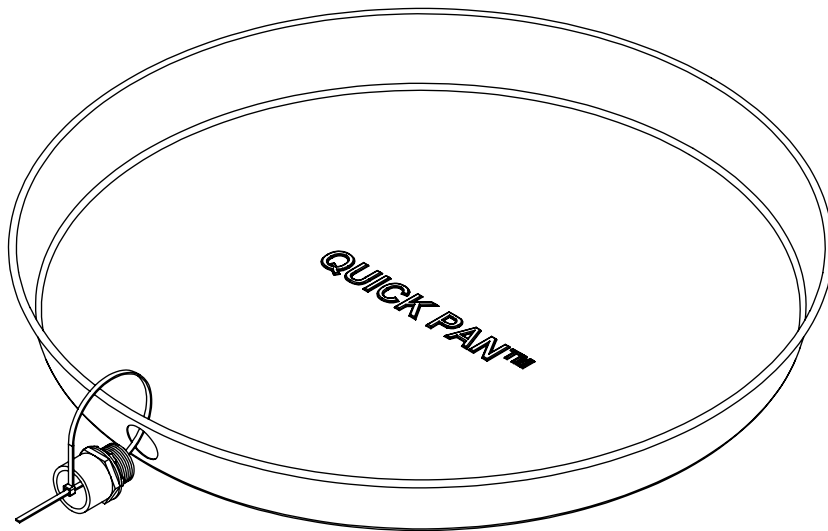
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spec\_QFC\_RevE

Product Submittal	
Job Name:	
Date:	
Part Number:	Qty:
Architect / Owner:	
Contractor:	
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# PRODUCT SPECIFICATION DRAWING

## HOLDRITE® QUICK PAN™ Series



The HOLDRITE® QUICK PAN™ provides a quick simple solution when a drain pan is required under a water heater. These pans are suitable for both electric and gas water heaters. Available in five sizes (20" - 28"). Model #QP-20 (20"), #QP-22 (22"), #QP-24 (24"), #QP-26 (26") and #QP-28 (28"). Pan depth is 2-1/2".

### Product Information:

- Material:
  - Pan: Aluminum Alloy or Cold Rolled Steel (CRS), .032 thick
  - Drain Body: PVC, 1" MIPT x 1" FS
  - Lock Nut: Steel, zinc plated
  - Flange Gasket: Neoprene, 50 ± .05 Shore A

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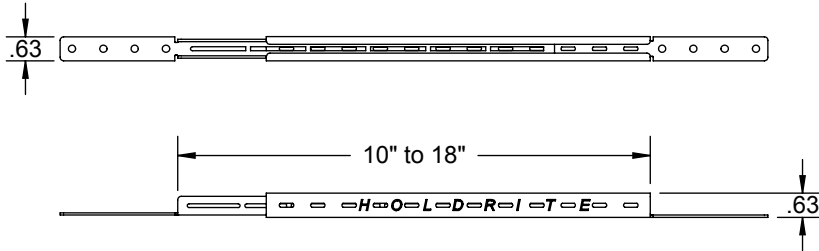
800-321-0316 OR 760-744-6944 / FAX: 760-744-0507 / WWW.HOLDRITE.COM  
spec\_QuickPan\_RevC

Product Submittal	
Job Name:	
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Part Number:	Qty:
Architect / Owner:	
Contractor:	
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# PRODUCT SPECIFICATION DRAWING

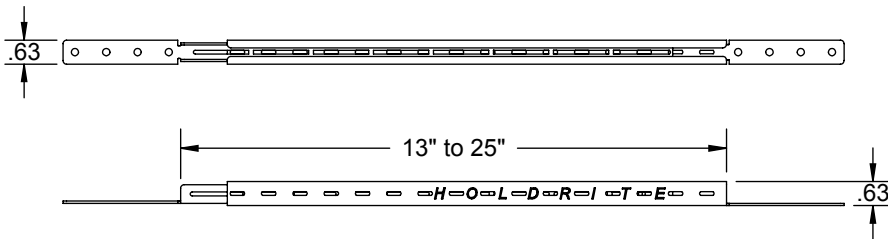
## HOLDRITE® Stout Bracket® #SB1, #SB1S, #SB2 & #SB2S

### Adjustable length support system



#### #SB1 / #SB1S

Beam Span Inches	Maximum Load (lbs.)	
	Center Pt.	Uniform Load
10	400	1150
14.5	164	300
18	104	131



#### #SB2 / #SB2S

Beam Span Inches	Maximum Load (lbs.)	
	Center Pt.	Uniform Load
18	158	225
22.5	124	165
24	68	120

ALL DIMENSIONS IN INCHES

Slot pattern permits wide versatility in positioning. Mount fittings, clamps, etc. vertically or horizontally. Use with high-ear or wing-ear fittings. Supports shower head, tub spout, piping, etc. Holds HOLDRITE Pro Clamp™, Stout Clamp™ and others. Attaches between studs, joists, etc. Bendable end tabs allow recessed or surface mounting. Use anywhere high strength is required.

#### Product Information:

- Material: 16 gage CRS, galvanized per ASTM-A653, G90
- SB1S, SB2S series includes (4) #8 X 5/8" long self-drilling sheet metal screw with 1/4" X #2 phillips hex head
- UPC / IPC / IAPMO listed
- UL listing



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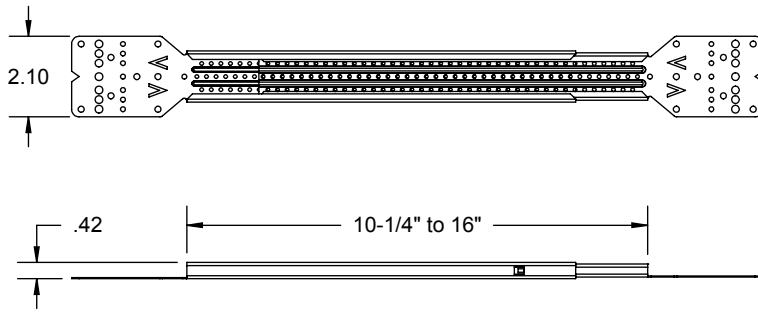
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spec\_SB\_Series\_RevP

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

# PRODUCT SPECIFICATION DRAWING

## HOLDRITE Stout Bracket® #SB3 & #SB4

### Telescoping Support System

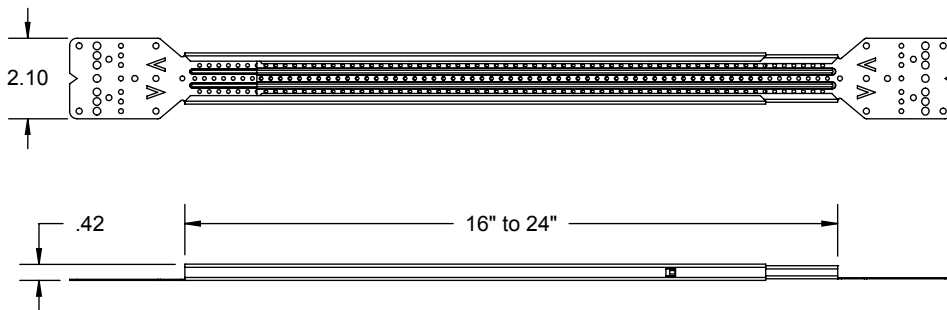


**SCALE: 1 / 5**

#### #SB3

Beam Span	Maximum Load (lbs.)
Inches	Center Pt. Load
10-1/4"	863 lbs
14-1/2"	480 lbs
16"	322 lbs

ALL DIMENSIONS IN INCHES



#### #SB4

Beam Span	Maximum Load (lbs.)
Inches	Center Pt. Load
16"	550 lbs
22-1/2"	271 lbs
24"	228 lbs

Hole pattern permits attachment of a wide variety of Clamps, Fittings, J-Boxes, Outlet Boxes, etc. The wide face provides excellent stability and is also ideal for attachment of both 2-eared and 3-eared shower head and tub spout 90°. Bracket attaches between studs in span from 10-1/4" through 25-1/2" (depending on model #). End tabs bend easily at 3/4", 1-1/2" & 2-1/4" for in-wall set backs. Optional nailer tabs can be used for quick attachment to wood studs for positioning purposes.

#### Product Information:

- Material: 24 gage CRS, galvanized per ASTM-A653, G90
- UPC / IPC / IAPMO listed
- UL listing



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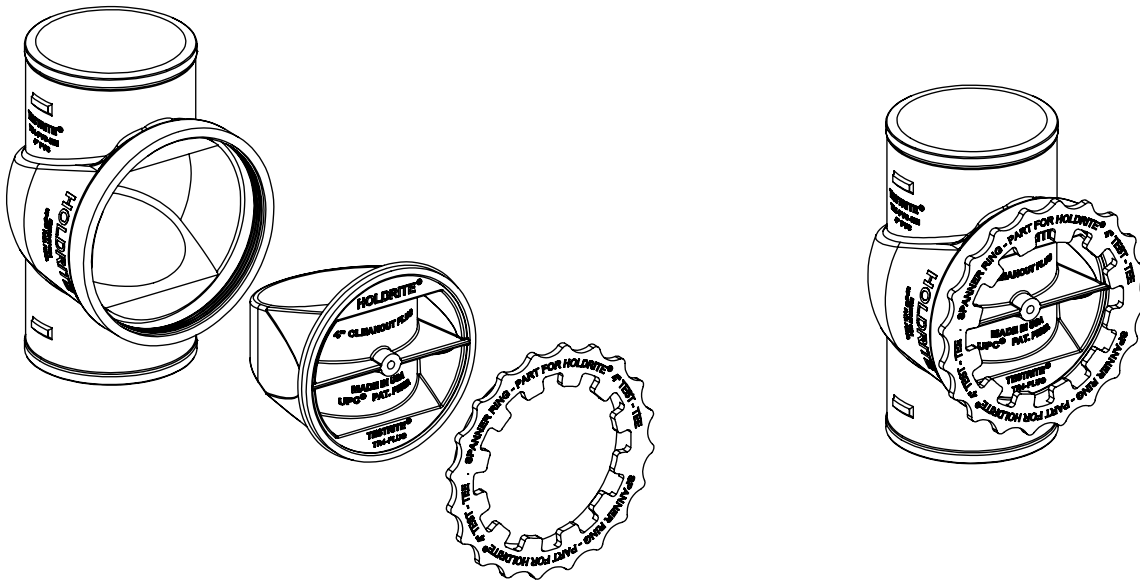
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spec\_SB3\_SB4\_RevD

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

# PRODUCT SPECIFICATION DRAWING

## TESTRITE® TR4-PVC-NH

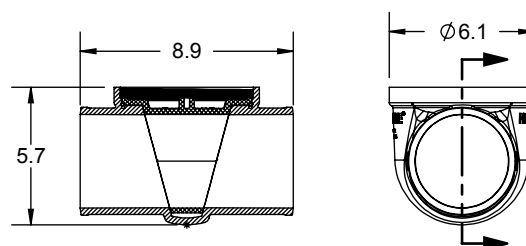
### Combination Test Tee & Cleanout



The TESTRITE® TR4-PVC-NH installs in-line between DWV sections and allows the DWV line to be temporarily blocked for stack testing. The TESTRITE TR4-PVC-NH includes a PVC TEST and CLEANOUT TEE which remains in the pipe system after test and a CLEANOUT PLUG to cap the opening and preserve a smooth flow path. It is designed to be used with the removable & reusable TESTRITE TR4-TWV TEST WEDGE, which allows temporary blocking of the DWV stack for testing while providing connections for convenient system fill and drain. Drain flow may be interrupted, e.g., for partial tests, by opening and closing an integral valve in the TR4-TWV TEST WEDGE. The TR4-PVC-NH may be used vertically or horizontally. Install as with any normal fitting and follow manufacturer instructions for testing. Remains in the system as a cleanout and for future testing.

#### Product Information:

- Material:  
Cleanout Tee: PVC, Black  
Cleanout Plug: NYLON 6/6, Green  
Spanner Ring: PVC, Black
- Complies with ASTM-D2665; compatible with cast iron fittings per ASTM-A888
- Pressure rating (max): 15 psi (water) / 5 psi (air)
- UPC / IAPMO listed
- Does not include TR4-TWV Test Wedge
- Patent Pending



Shown without Spanner Ring

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# HOLDRITE®

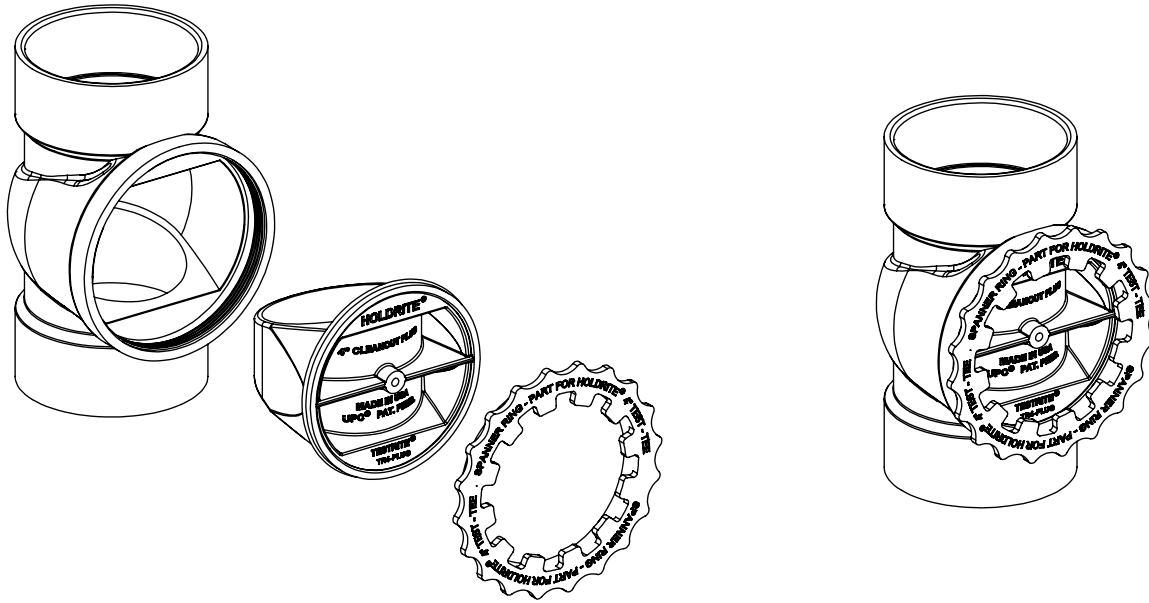
CONVERTING MAKESHIFT METHODS INTO ENGINEERED SOLUTIONS<sup>SM</sup>  
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spec\_TR4-PVC-NH\_RevC

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

# PRODUCT SPECIFICATION DRAWING

## TESTRITE® TR4-PVC-H

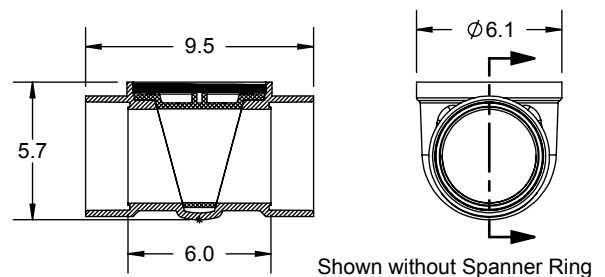
### Combination Test Tee & Cleanout



The TESTRITE® TR4-PVC-H installs in-line between DWV sections and allows the DWV line to be temporarily blocked for stack testing. The TESTRITE TR4-PVC-H includes a PVC TEST and CLEANOUT TEE which remains in the pipe system after test and a CLEANOUT PLUG to cap the opening and preserve a smooth flow path. It is designed to be used with the removable & reusable TESTRITE TR4-TWV TEST WEDGE, which allows temporary blocking of the DWV stack for testing while providing connections for convenient system fill and drain. Drain flow may be interrupted, e.g., for partial tests, by opening and closing an integral valve in the TR4-TWV TEST WEDGE. The TR4-PVC-H may be used vertically or horizontally. Install as with any normal fitting and follow manufacturer instructions for testing. Remains in the system as a cleanout and for future testing.

#### Product Information:

- Material:
  - Cleanout Tee: PVC, White
  - Cleanout Plug: NYLON 6/6, Green
  - Spanner Ring: PVC, White
- Complies with ASTM-D2665
- Pressure rating (max): 15 psi (water) / 5 psi (air)
- UPC / IAPMO listed
- Does not include TR4-TWV Test Wedge
- Patent Pending



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 spec\_TR4-PVC-H\_RevC

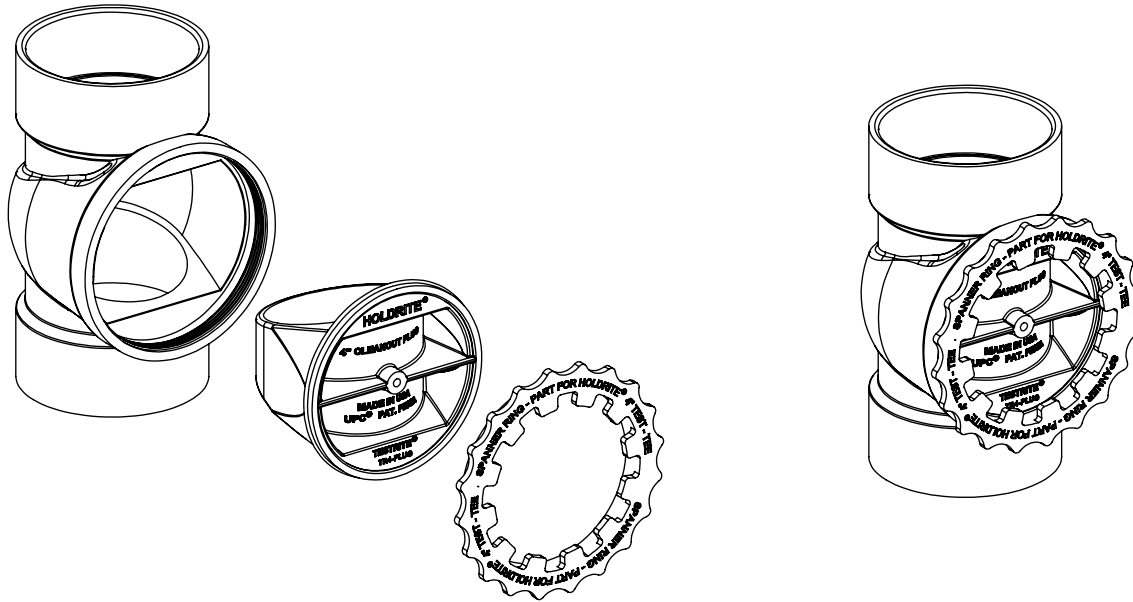
Product Submittal	
Job Name:	
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Part Number:	Qty:
Architect / Owner:	
Contractor:	
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# PRODUCT SPECIFICATION DRAWING

## TESTRITE® TR4-ABS-H

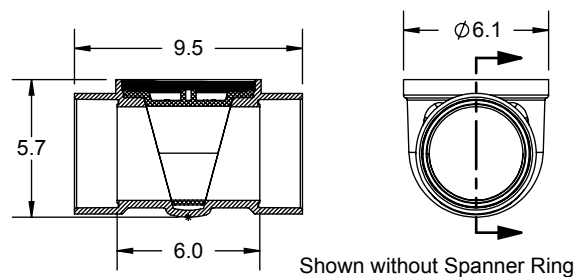
### Combination Test Tee & Cleanout



The TESTRITE® TR4-ABS-H installs in-line between DWV sections and allows the DWV line to be temporarily blocked for stack testing. The TESTRITE TR4-ABS-H includes a ABS TEST and CLEANOUT TEE which remains in the pipe system after test and a CLEANOUT PLUG to cap the opening and preserve a smooth flow path. It is designed to be used with the removable & reusable TESTRITE TR4-TWV TEST WEDGE, which allows temporary blocking of the DWV stack for testing while providing connections for convenient system fill and drain. Drain flow may be interrupted, e.g., for partial tests, by opening and closing an integral valve in the TR4-TWV TEST WEDGE. The TR4-ABS-H may be used vertically or horizontally. Install as with any normal fitting and follow manufacturer instructions for testing. Remains in the system as a cleanout and for future testing.

#### Product Information:

- Material:  
Cleanout Tee: ABS, Black  
Cleanout Plug: NYLON 6/6, Green  
Spanner Ring: ABS, Black
- Complies with ASTM-D2661
- Pressure rating (max): 15 psi (water) / 5 psi (air)
- UPC / IAPMO listed
- Does not include TR4-TWV Test Wedge
- Patent Pending



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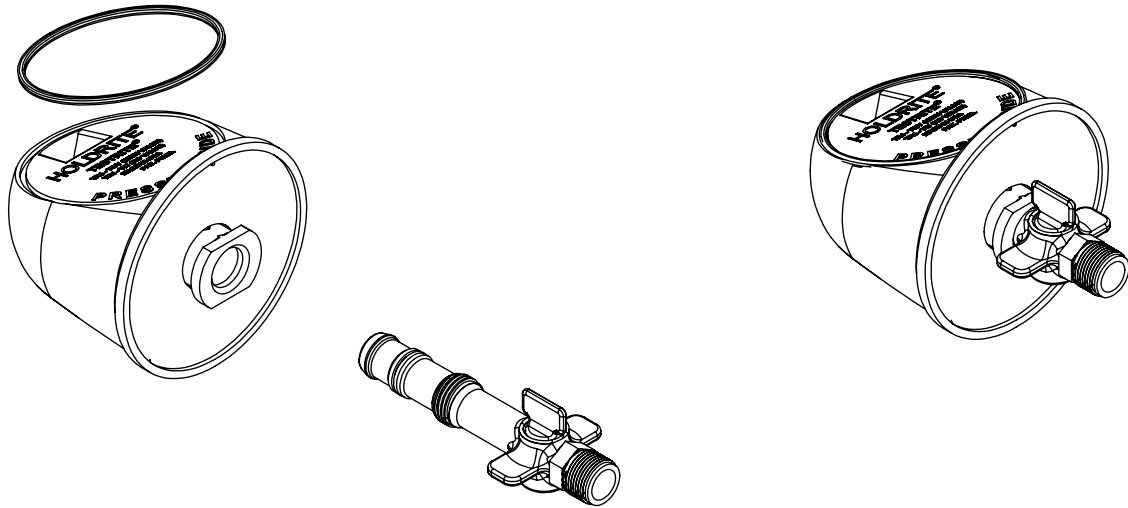
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spec\_TR4-ABS-H\_RevC

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



# PRODUCT SPECIFICATION DRAWING

## TESTRITE® TR4-TWV



The TESTRITE® TR4-TWV is used in conjunction with TR4-PVC-H, TR4-PVC-NH and TR4-ABS-H, which allows temporary blocking of the DWV stack for testing while providing connections for convenient system fill and drain.

### Product Information:

- Material:
  - Wedge: Nylon 6/6, Orange
  - Fill Stem: Nylon 6/6, Black
  - Lock nut: Nylon 6/6, Black
- Pressure rating with TESTRITE® TR4 fittings (max): 15 psi (water) / 5 psi (air)
- For use only with TESTRITE® TR4 fittings
- Patent Pending

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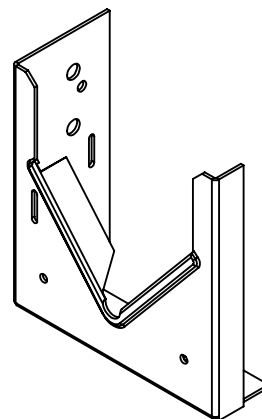
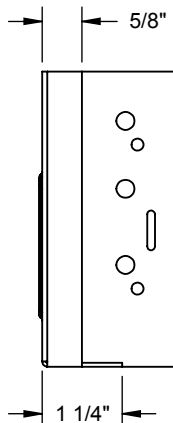
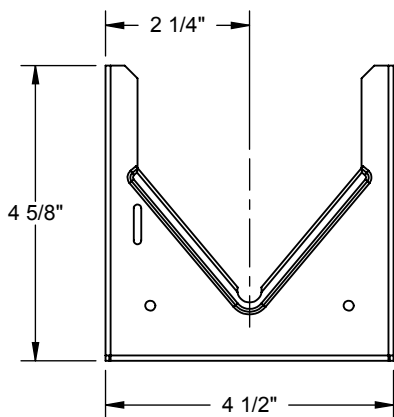
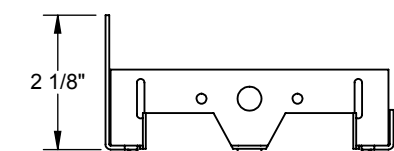
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spec\_TR4-TWV\_RevC

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

# PRODUCT SPECIFICATION DRAWING

## HOLDRITE® #V-2

Supports copper water piping off the building's structure or other piping



5" Stainless Steel Band

ALL DIMENSIONS IN INCHES

The HOLDRITE® #V-2 is a Copper-Bonded™ steel bracket designed to saddle horizontal water headers, with a load rating of 250 pounds, in tubing sizes ranging from 1/2" through 3". The #V-2 comes pre-assembled with isolating felt and a 5" self-locking stainless steel band attached. Ideal for pre-fab installations. Simply attach the #V-2 to adjacent surface or piping and position the horizontal water header. Solder the tubing to the #V-2 bracket. Heat the pipe, not the bracket.

### Product Information:

- Material: 16 gage CRS, Copper-Bonded™
- UPC / IPC / IAPMO listed



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spec\_V2\_RevF

Product Submittal	
Job Name:	
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Contractor:	
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