



# TOTAL PIPING SOLUTIONS, INC.

## Quick Cam<sup>®</sup>

### Line Stop & Hot Tap Fittings

Patent Pending

### Technical Specification

February 2017

# Quick Cam® Line Stop & Hot Tap Specification

Patent Pending

1. Pressure Rating: Quick Cam® Line Stop & Hot Tap Fittings by Total Piping Solutions, Inc. when properly installed have a working pressure up to 150 psi for water & sewer applications.  
  
Quick Cam® Line Stop & Hot Tap Fittings are tested up to 225 psi for water applications (1.5 Safety Factor)  
  
Note: Pressure rating shall not exceed the pressure rating of the pipe on which the repair clamp is installed. For any particular installation, the allowable working pressure will be determined by the size of pipe, type of pipe, condition of the pipe, service conditions, environmental conditions, and installation workmanship. Always consult the factory for specific information regarding application and working pressure.
2. Temperature Rating: ANSI/NSF-61 Compliant NBR-180°F  
ANSI/NSF-61 Compliant EPDM-220°F
3. Sealing Gasket: ANSI/NSF- 61 Approved NBR Rubber – For water, sewer, natural gas and other petroleum based line content  
  
ANSI/NSF-61 Approved EPDM – For high temperature applications up to 220°F
4. Band: Up to 18 Ga (0.048” Thick) 18-8 Stainless Steel
5. Alignment Lugs: ASTM A351 CF8 (18-8) Cast Stainless Steel (Passivated for corrosion resistance)
6. Outlet: NPT Male Sealing Threads  
Type 304 Stainless Steel
7. Mains Pipe: TPS Quick Cam® Line Stop & Hot Tap Fittings are designed for use with CTS, Steel, Cast Iron, Ductile Iron, PVC, High Density Polyethylene (SDR 17 or Thicker), and Asbestos Cement conductor pipe materials.

# Quick Cam® Line Stop & Hot Tap Specification

Patent Pending

## Quick Cam® Line Stop & Hot Tap Benefits

1. No special tools required to install the clamp.
2. Provides a 360° Seal on common pipe materials including
3. Patent Pending Cam Lug system includes built in handle for ease of installation.
4. Removable Lug system for installation in tight spaces.
5. Note: See Materials of Construction diagram for additional information.

## Quick Cam® Line Stop Ranges

Nominal Size	CTS O.D.	IPS O.D.	OUTLET SIZE
3/4"	0.88"	1.05"	3/4"
1"	1.13"	1.32"	3/4"
1"	1.13"	1.32"	1"
1-1/4"	1.38"	1.55"	1-1/4"
1-1/2"	1.63"	1.90"	1-1/4"
1-1/2"	1.63"	1.90"	1-1/2"
2"	2.13"	2.38"	1-1/2"
2"	2.13"	2.38"	2"
2-1/2"	2.63"	2.88"	1-1/2"
2-1/2"	2.63"	2.88"	2"
3"	3.13"	3.50"	3"
4"	4.13"	4.50"	3"
4"	4.13"	4.50"	4"

## Quick Cam® Hot Tap Ranges

Nominal Size	CTS O.D.	IPS O.D.
3/4"	0.88"	1.05"
1"	1.13"	1.32"
1-1/4"	1.38"	1.66"
1-1/2"	1.63"	1.90"
2"	2.13"	2.38"
2-1/2"	2.63"	2.88"
3"	3.13"	3.50"
4"	4.13"	4.50"

Available Hot Tap Outlet Diameter Sizes: 3/4", 1", 1-1/4", 2", 2-1/2", 3" & 4"

# Quick Cam® Line Stop & Hot Tap Specification

Patent Pending

## Applicable Standards:

**ANSI /AWWA C800-12** Underground Service Line Valves and Fittings

**ASTM A380-06** Standard Practice for Cleaning, Descaling and Passivation of Stainless Steel Parts, Equipment and Systems

**ASTM A967-05** Standard Specifications for Chemical Passivation Treatments for Stainless Steel Parts

**NSF/ANSI Standard 61** Drinking Water System Components

**ASTM D2000-12** Standard Classification System for Rubber Products.

## Product Warnings

**WARNING** This product is not intended for use on natural gas piping or any other type of gas piping. To do so could result in escaping gas that could ignite and cause property damage, serious injury or death.

**WARNING** This is a non-restraining product. If pipe pullout can occur, proper anchoring of the pipe joint is required. Failure to anchor the pipe could result in the escape of line content, and may cause property damage, serious injury or death.

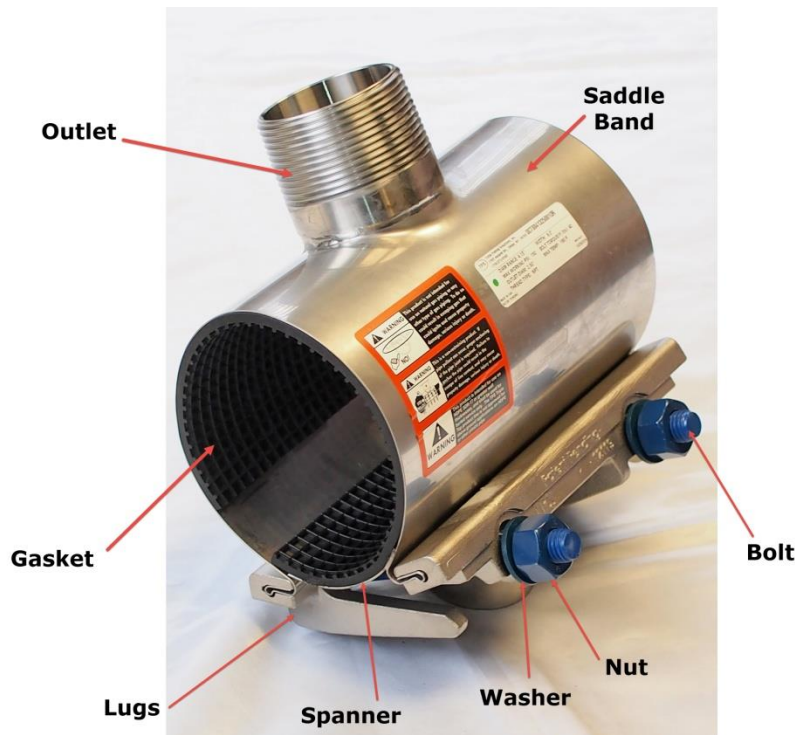
**WARNING** This product is intended for use on HDPE SDR-17 or greater wall thicknesses, and shall be used for buried service only. The TPS Triple Tap product line is not approved for above ground applications on HDPE or other plastic pipe.

## **Fitting Reuse:**

**Fittings must not be re-used until refurbished by TPS.**

# Quick Cam® Line Stop & Hot Tap Specification

Patent Pending



## Materials of Construction

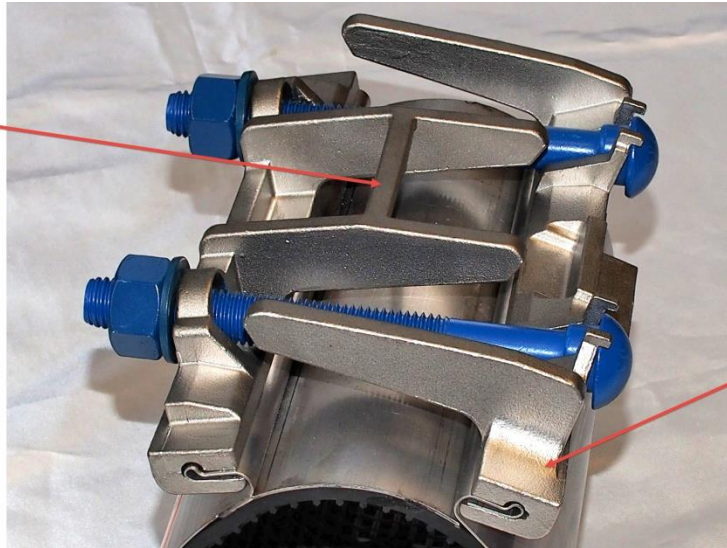
- Saddle Band:** Up to 18 Gage 18-8 Stainless Steel
- Lugs:** ASTM A351 CF8 18-8 Stainless Steel
- Gaskets:** Material: Nitrile Butadiene Rubber (NBR) Approved NSF-61  
EPDM Approved NSF-61
- Spanner:** Heavy Duty 18-8 Stainless Steel
- Bolts:** Oval Neck track head per ANSI/ASME B18.10  
5/8-11 UNC Rolled Thread  
18-8 Type 304 Stainless Steel per ASTM A-193 Grade B8  
Finish: Double Fluoroelastomer coating.  
(Optional: High Strength Alloy Steel per ASTM A242)
- Nuts:** Heavy Hex Nut 5/8-11 UNC Rolled Thread  
Type 316 High Temp Stainless Steel per ASTM A-194 Grade 8  
Finish: Double Fluoroelastomer coated to prevent galling.  
(Optional: High Strength Alloy Steel per ASTM A242)
- Washers:** Heavy Duty 5/8 Inch Washer  
Material 18-8 Type 304 Stainless Steel  
Double Fluoroelastomer coated to prevent galling  
(Optional: High Strength Alloy Steel per ASTM A242)
- Completion Plug:** Yellow Lead Free Brass (Line Stop Versions Only)

# Quick Cam® Line Stop & Hot Tap Specification

Patent Pending

## Features

**INTEGRATED  
HANDLE FOR  
EASE OF  
INSTALLATION**



**REMOVABLE LUG  
FOR EASE OF  
INSTALLATION  
IN TIGHT  
SPACES**

**LOW PROFILE  
LUGS**

