TOTAL PIPING SOLUTIONS, INC.

Quick-Cam®

Line Stop & Hot Tap Fittings

Patent Pending

Technical Specification

August 2018

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. Vacuum Pressure:

Quick-Cam® Line Stop & Hot Tap Fittings are approved for a vacuum pressure of 0.9 Bar.

3. Temperature Rating:

ANSI/NSF-61 Compliant NBR-180°F
ANSI/NSF-61 Compliant EPDM-220°F

4. 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

5. Band:

Up to 18 Ga (0.048” Thick) 18-8 Stainless Steel

6. Alignment Lugs:

ASTM A351 CF8 (18-8) Cast Stainless Steel (Passivated for corrosion resistance)

7. Outlet:

NPT Male Sealing Threads
Type 304 Stainless Steel

8. 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.

Total Piping Solutions, Inc.
(716)-372-0160

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”

Total Piping Solutions, Inc.
(716)-372-0160

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

.

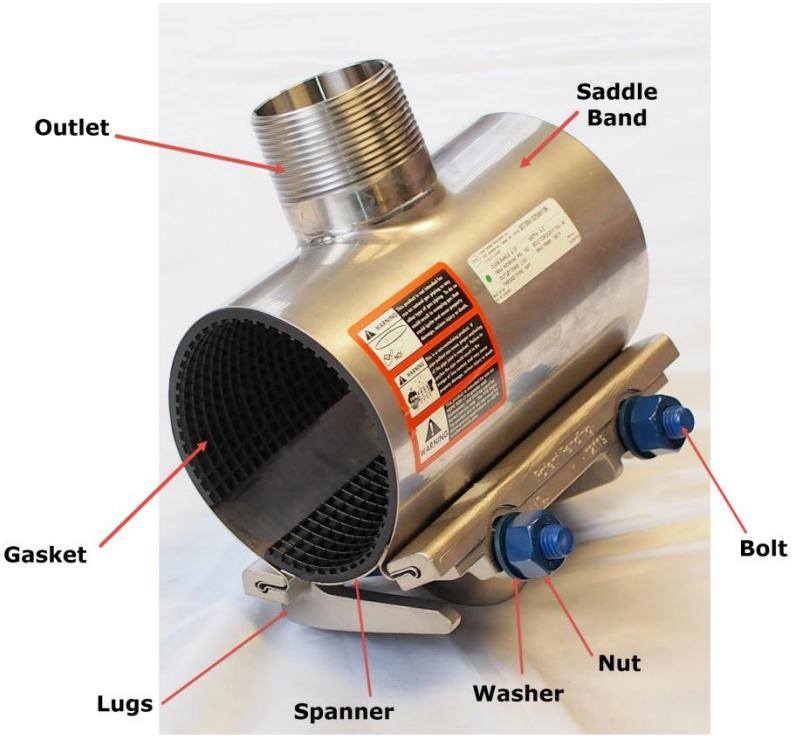
Fitting Reuse:

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

Total Piping Solutions, Inc.
(716)-372-0160

Quick-Cam® Line Stop & Hot Tap Specification

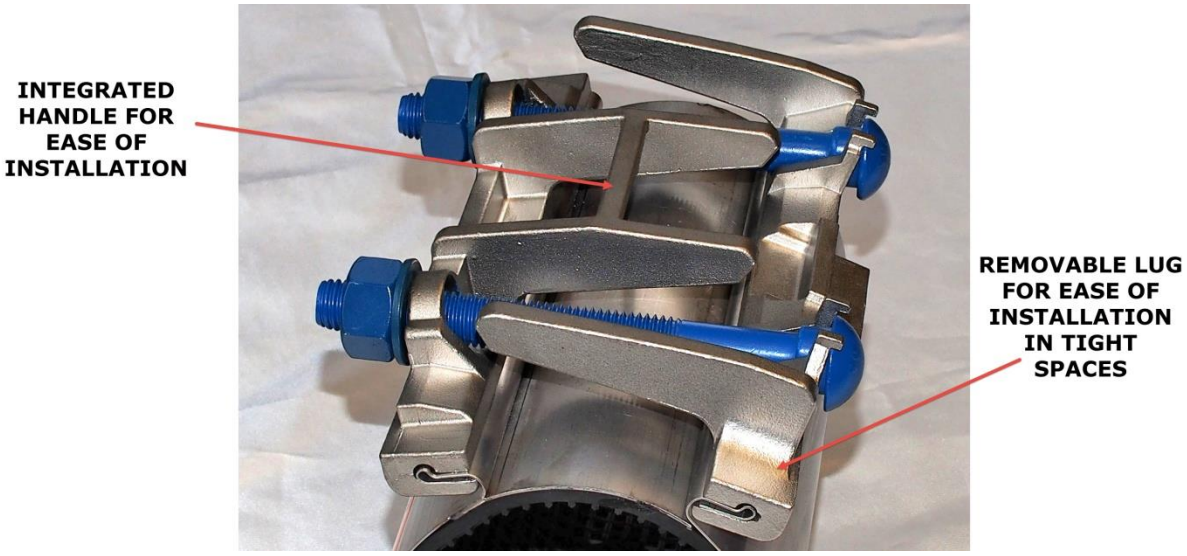
Patent Pending

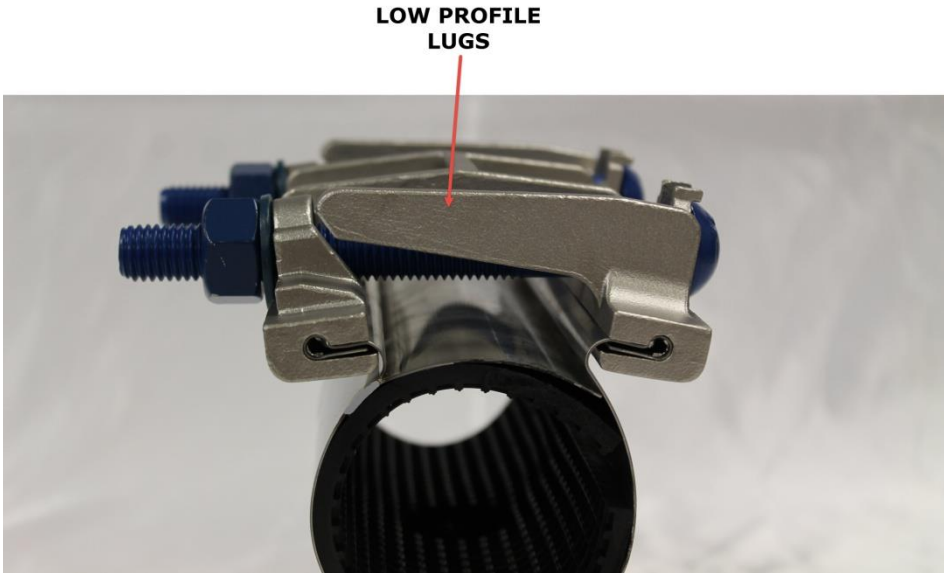


Materials of Construction

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)

Features





Total Piping Solutions, Inc.
(716)-372-0160