



Series "T3"TM

Wide Range Service Saddle

Extended Range Universal Service Saddle

*Now Available in 316 Stainless
Steel with 2" NPT Outlets for
Use on PRV Service*



Fewer Sizes, Less Inventory = More with Less



Total Piping Solutions, Inc.

Series T3TM Service Saddle

An All Stainless Steel Universal Service Saddle Solution

The Series T3 Service Saddle is the latest in our series of innovative products that save time, labor and inventory dollars in the water and wastewater piping industries.

The Series T3 includes many unique advantages including a double range band which allows for a substantial reduction in inventory. It substantially cuts the need for extra on-hand sizes to accommodate the local market

requirements for performing service line taps. The Series T3 exceeds all industry standards including AWWA C800.

The Series T3 is a unique wide range Universal Type 304 Stainless Steel Service Tapping Product that may be used on all types of pipe including: ductile iron, cast iron, PVC, asbestos cement, steel and HDPE. All versions are equipped with an insulating boot that prevents contact with the pipe and reduces the potential for corrosion when used on ferrous pipe materials.

Since the Series T3 may be used on all pipe materials with the ability to cut saddle inventory by over 70%, it is a suitable candidate to replace multiple services saddles made from various materials such as brass, ductile iron and plastic as well as a selection of other stainless steel saddle versions.

Unique patented extended range Cam Lug System.
U.S. Patent Numbers 9,970,584 and 10,544,894.

The user friendly lug system, with built in handle enables one product to carry over twice the range of a standard saddle, allowing for inventory reduction and simplification of the installation process. The outlet design features a stronger spin-extruded branch with higher strength welds to resist threaded service valve installation torque and fatigue cracking.

T3 EXCLUSIVE:

SINGLE PANEL design from 2" up to and including 16" Nominal up to 250 psi

DOUBLE PANEL design from 18" up to and including 24" Nominal up to 200 psi
30" up to and including 36" Nominal up to 150 psi

TRIPLE PANEL design from 42" up to and including 48" Nominal up to 125 psi



Series T3™ Service Saddle

Specifications

Pressure Rating: Up to 250 PSI Maximum Working Pressure depending on diameter. Call factory for additional information

Temperature Rating: Maximum Continuous Working Temperature range of 180 Degrees F

Gasketing: NSF-61 Approved NBR Rubber – For Water Service (EPDM Available upon Request)

Shell: Heavy Duty 14, 18 or 20 gauge band (depending on diameter) of Type 304, 18-8 Stainless Steel, Fully Passivated for Corrosion Protection. Shell band widths are 7-1/2" on 4" to 16" and 10" widths on 18" to 48" diameters.

Alignment Lugs: Heavy Duty Cast Type 304, 18-8 Stainless Steel permanently weld fused to band with integrated handle for ease of assembly.

Removable lugs available upon request.

Branch Connections: Type 304 18-8 Stainless Steel Thread-O-Lets available in 1/2" to 2" in diameter

Outlets: Type 304, 18-8 Stainless Steel available in either "CC" or "NPT" thread pitches

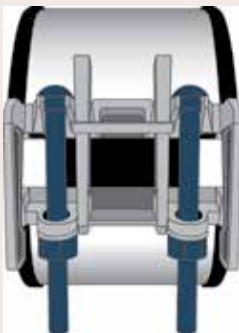
Band Insulating Boot: EPDM Rubber

Bolts/Nuts/Washers: Type 304 Stainless steel, Bolt threads 5/8" Rolled, coated with Fluoropolymer Coating to prevent galling

NOTE: Product pressure rating, temperature rating and bolt torque can vary depending on the product diameter, type of connection, and the pipe material being utilized. The pressure rating, temperature rating, and bolt torque shown on the product label are the actual ratings of the individual product.

Note: For Sewerage Applications product is available in 316 Stainless Steel construction with 2" NPT Outlets. For this application always contact TPS Customer Service

For Corrosive or Hot Soil Conditions a grade of Stainless higher than Type 304 may be Required. Please consult with your piping engineering for guidance.



Body 100% Insulated from Ductile Iron Pipe with Gasket and Insulating Boot to Prevent Bi-Metallic Corrosion

Integrated Handle for ease of installation



Patent Pending Cam Lug Fingers for Extended Range



Optional Removable Lugs

Series T3™ Service Saddle

| Nominal Diameter | Lower Diameter | Upper Diameter | Connection Sizes | Connection | | | | | | |
|------------------|----------------|----------------|------------------|------------|-------|-------|----------|-------|-------|-------|
| | | | | CTS | IPS | DI | Pit Cast | AC100 | AC150 | AC200 |
| 2 | 2.10 | 2.40 | 1/2 to 1" | 2.13 | 2.38 | | 2 | | 2 | |
| 2 | 2.35 | 2.65 | 1/2 to 1.5" | | 2.38 | | 2.5 | | | |
| 3 | 3.10 | 3.30 | 1/2 to 1.5" | 3.13 | | | | | | |
| 3 | 3.30 | 3.60 | 1/2 to 1.5" | | 3.50 | | | | | |
| 3 | 3.79 | 4.13 | 1/2 to 2" | 4.13 | | | 3.96 | | | |
| 3 | 4.01 | 4.41 | 1/2 to 2" | 4.13 | | | | | 4.18 | |
| 4 | 4.45 | 5.13 | 1/2 to 2" | 5.13 | 4.50 | 4.80 | 5.00 | | | |
| 4 o.s. | 4.74 | 5.61 | 1/2 to 2" | | | 4.80 | 5.00 | 5.26 | 5.32 | 5.57 |
| 5 | 5.50 | 6.20 | 1/2 to 2" | 6.13 | 5.56 | | | | | 5.57 |
| 6 | 6.55 | 7.42 | 1/2 to 2" | | 6.63 | 6.90 | 7.10 | 7.40 | 7.37 | |
| 6 o.s. | 6.84 | 7.65 | 1/2 to 2" | | | 6.90 | 7.10 | 7.40 | 7.37 | 7.60 |
| 8 | 8.54 | 9.44 | 1/2 to 2" | | 8.63 | 9.05 | 9.30 | | | |
| 8 o.s. | 8.98 | 9.84 | 1/2 to 2" | | | 9.05 | 9.30 | 9.57 | 9.62 | 9.79 |
| 10 | 10.64 | 11.46 | 1/2 to 2" | | 10.75 | 11.10 | 11.40 | | | |
| 10 o.s. | 11.34 | 12.16 | 1/2 to 2" | | | 11.10 | 11.40 | 11.77 | 12.12 | 12.12 |
| 12 | 12.62 | 13.56 | 1/2 to 2" | | 12.75 | 13.20 | 13.50 | | | |
| 12 o.s. | 13.65 | 14.42 | 1/2 to 2" | | 14.00 | | | 14.04 | 14.38 | 14.38 |
| 14 | 15.22 | 16.16 | 1/2 to 2" | | 16.00 | 15.30 | 15.65 | 15.80 | | |
| 14 o.s. | 16.18 | 16.92 | 1/2 to 2" | | | | | | 16.73 | 16.88 |
| 16 | 17.25 | 18.18 | 1/2 to 2" | | 18.00 | 17.40 | 17.80 | 17.94 | | |
| 16 o.s. | 18.42 | 19.23 | 1/2 to 2" | | | | | | 18.97 | 19.19 |
| 18 | 19.32 | 21.04 | 1/2 to 2" | | 20.00 | 19.50 | 19.92 | 19.90 | 20.94 | |
| 18 o.s. | 21.10 | 22.80 | 1/2 to 2" | | | 21.60 | 22.06 | | 21.30 | 22.54 |
| 20 | 23.20 | 25.10 | 1/2 to 2" | | 24.00 | | | 23.64 | | 25.02 |
| 24 | 25.60 | 27.30 | 1/2 to 2" | | | 25.80 | 26.32 | 27.17 | | |
| 24 o.s. | 27.80 | 29.70 | 1/2 to 2" | | | | | 28.32 | 29.62 | |
| 30 | 29.70 | 30.30 | 1/2 to 2" | | 30.00 | | | | | 29.98 |
| 30 o.s. | 31.96 | 32.46 | 1/2 to 2" | | | 32.00 | 32.40 | | | |
| 36 | 35.80 | 36.20 | 1/2 to 2" | | 36.00 | | | | | |
| 36 o.s. | 38.10 | 38.50 | 1/2 to 2" | | | 38.30 | | | | |
| 42 | 44.30 | 44.70 | 1/2 to 2" | | | 44.50 | | | | |
| 48 | 50.60 | 51.00 | 1/2 to 2" | | | 50.80 | | | | |

Applicable Standards and Product Cautions:

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

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

ANSI/AWWA C800 Standard for Underground Service Line Valve and Fittings

NSF/ANSI STANDARD 61 - Drinking Water System Components

ASTM D2000 - 12 Standard Classification Systems for Rubber Products

CAUTION: Saddles must not be reused until refurbished with new bolts and new gaskets at TPS

For All Sewer Applications: Please Contact Total Piping Solutions for product options and availability



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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