LASCO® Fittings, Inc.

SUBMITTAL SHEET

TAP'T SADDLE WITH ACME TOP-OUT

HDPE X FEMALE ACME

JOB NAME	
JOB LOCATION	
ENGINEER	
CONTRACTOR	
TAG	
PO NUMBER	
REPRESENTATIVE	
WHOLESALE DISTRIBUTOR	

Tap't™ Saddle Assembly Features:

- Pressure rated at 235 psi
- 304 Stainless Steel hardware is captured or retained, no loose pieces to drop
- Molded Neoprene gasket seal to compensate for burrs and misaligned holes.
- Use standard 1 ½" hole saw for installation
- Use LASCO swing joints with 'P' inlet connection

SPECIFICATIONS:

Maximum Working Pressure: 235 psi @ 73 deg F

ASTM F1970 – Standard Specification for Special Engineered Fittings, Appurtenances or Valves for use in Poly (Vinyl Chloride) (PVC) or Chlorinated Poly (Vinyl Chloride) (CPVC) Systems.

ASTM D-1784 – Rigid Poly (Vinyl Chloride) (PVC) Compounds and Chlorinated Poly (Vinyl Chloride) (CPVC) Compounds.

F2768-09 – Standard Specification for Modified Stub ACME Thread Joint with Elastomeric Seal.

SUGGESTED SPECIFICATION:

Service connections to Swing Joints shall be PVC Type I Tap't™ Saddles with 1 ½" female ACME threaded outlets in accordance with ASTM F2768-09, secured with captured 304 stainless steel bolts and nuts, utilize a molded neoprene gasket seal at the outlet, and carry a 5 year warranty as manufactured by LASCO Fittings, Inc. Swing Joint inlet connectors shall be 1 ½" male ACME thread in accordance with ASTM F2768-09 as manufactured by LASCO Fittings, Inc. "P" type inlet Swing Joints to match the Tap't™ Saddle outlet.

MATERIALS:

Nut(s) and Bolt(s) – 304 Stainless Steel-SAE threads
(two nuts & bolts on 3", 4", 75mm, & 90mm)
Saddle Body – PVC Type I Cell Classification 12454-B
Gasket Seal – Neoprene

WARRANTY:

Five Year Limited Performance Warranty
LASCO® Fittings, Inc., an Aalberts company, extends to installing purchaser/contractors (and, through them, to the owners of irrigation systems) a Limited Five-Year Performance Warranty on all LASCO swing joints. LASCO Swing Joints and their individual component parts will be free from defects in materials, workmanship and assembly techniques that affect the performance of the units in professionally-designed irrigation systems. The Swing Joints will not leak when properly installed. The Swing Joints will not rot, rust, or corrode by electrolytic action.

WHAT IS NOT WARRANTED:

Damages or performance failures, including leakage, resulting from improper handling, storage or installation, from disassembly, modification, accident, vandalism or other events beyond control of the manufacturer; Intallation in irrigation systems not in accordance with established professional standards; Consequential and associated damages to irrigation systems and to the properties in which they are installed, including, but not limited to labor and freight costs.

DURATION OF WARRANTY:

This warranty becomes effective on the date of shipment to the installing purchaser/contractor by LASCO or its authorized distributor/dealers; it remains in force for no less than Five (5) years.

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HOW TO ORDER:

TAP'T SADDLE WITH ACME TOP-OUT

HDPE X FEMALE ACME

Part #	Description	Ctn Qty
364-251	2 x 1½ ACME	5
364-337	3 x 1½ ACME	5
364-419	4 x 1½ ACME	5
7364-J-015	63mm x 1 ½ ACME	5
7364-K-015	75mm x 1 ½ ACME	5
7364-L-015	90 mm x 1 ½ ACME	5

TAP'T™ SADDLE INSTALLATION:

To assure a trouble free installation of the Tap't™ Saddles, LASCO Fittings recommends that you follow these simple steps:

NOTE: Depending on the jobsite specifications, these Tap't Saddles may be installed with the ACME threaded outlet port in either the vertical or horizontal position.

1. Using a 1½ inch (38mm) diameter hole saw; drill the opening directly on the centerline of the pipe. The use of a hole saw, which retains the coupon, is recommended to reduce contamination of the piping waterway.

2. Check to see that the sealing gasket is clean and properly seated.

3. Place the outlet half of the Tap't Saddle onto the pipe, making certain that the four tabs are properly seated into the pipe wall hole.

4. Hook the back half of the Tap't Saddle on the hinge pivot area of the outlet half and swing it over the back side of the pipe closing the clamp.

5. Start by hand the captured stainless steel bolts into the nuts that are secured in the back half.

6. It is recommended to finish the assembly of the Tap't Saddle by using a two stage process. The two stages are crucial if the pipe is out-of -round and/or in colder climates.

7. In stage one, using a ½ inch wrench tighten down the bolts until the two flanges touch. Tighten the bolts to 12-15 ft-lbs of torque.

8. Allow 2 hours for the piping material to yield or round out properly. Stage two requires retightening the bolts, but do not exceed 15 ft-lbs of torque and make sure the two flanges are touching. Generally these two stages are sufficient, but under extreme conditions of climate or pipe out-of–roundness, it may be necessary to repeat stage two.