

# TALBOT SELF TAPPING FERRULE STRAP

## INSTALLATION INSTRUCTIONS



## TALBOT SELF TAPPING FERRULE STRAP

### 1-INSTALLATION

Talbot polypropylene self-tapping ferrule straps are designed for conveyance of cold potable water only. No warranty is given nor liability accepted by Atplas for use for any other purpose, for failure to comply with these installation instructions, or for alterations made to the units.

Size Range Strap: 63mm, 90mm, 110mm, 125mm - PE or PVC pipe only

Size Range Outlet: 25mm, 32mm pushfit for PE pipe, 3/4" BSP

Other sizes are available with gunmetal straps. Please contact Atplas for further information.

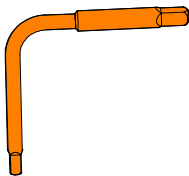
#### **Prior to installation:**

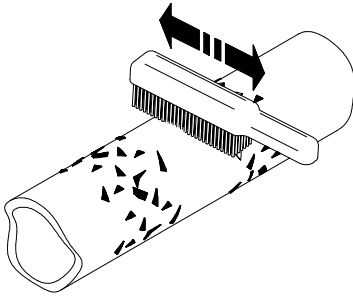
Check compatibility of the strap with the mains and communication pipes.

Before starting work, ensure that all safety rules are followed in accordance with local legislation in force.

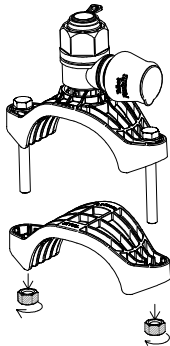
#### **Ferrule keys**

1/2" - 1" Code: 1448

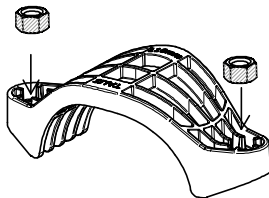


**INSTALLATION / OPERATION / MAINTENANCE****01**

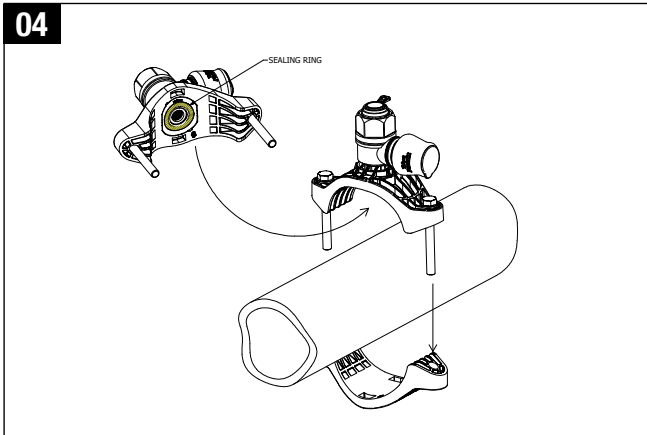
**1.** Ensure that the mains pipe is clean and free of defects which could hinder the operation of the tapping saddle. Clean with a brush if necessary.

**02**

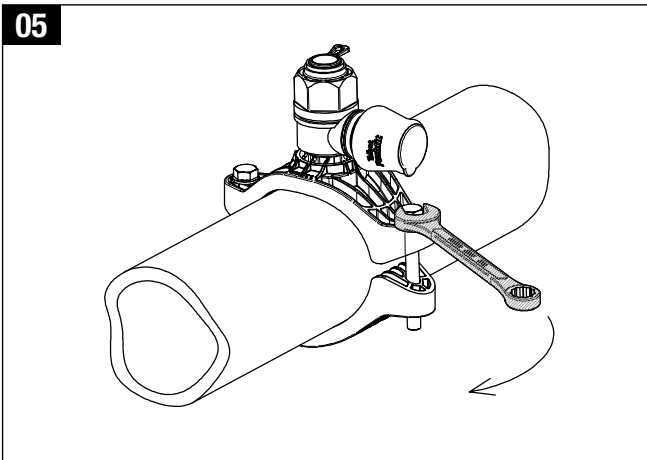
**2.** Undo the nuts to separate the top and under strap. Check that the cutter is retracted up into the stem and does not protrude through the bottom of the strap.

**03**

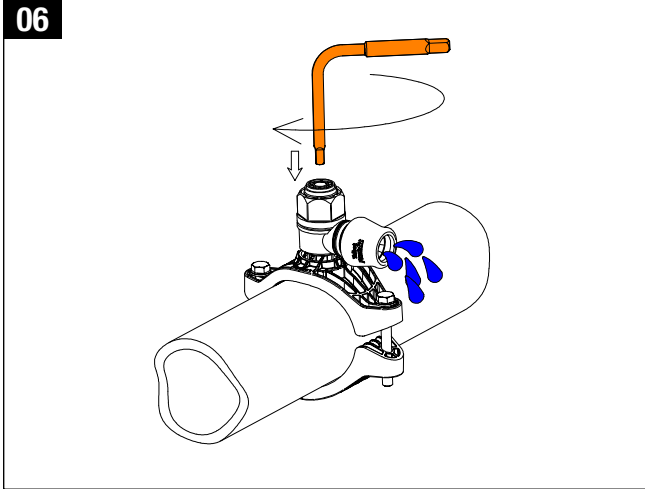
**3.** Push the nuts into the bottom half-shell so that they are captured and cannot turn.

**INSTALLATION / OPERATION / MAINTENANCE****04**

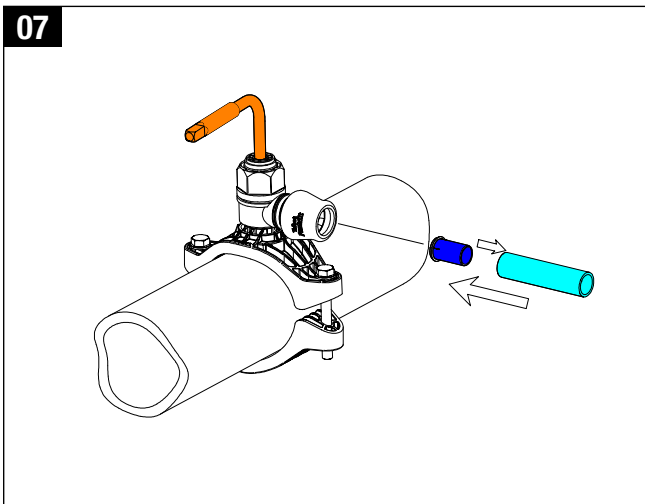
**4.** Fit the top half of the strap on the mains pipe ensuring that the sealing ring is present and correctly positioned. Hold the bottom half of the strap in the required position while evenly tightening the bolts by hand.

**05**

**5.** Make sure that the strap sits squarely on the main and then use a 17mm spanner to tighten each nut to a torque setting of approximately 13.6 Nm. Approximately 2 1/2 turns for 63mm, 3 turns for 90mm, or 4 turns for 110mm or 125mm.



**6.** Remove the plastic top plug and using the ferrule key screw down the self tapping cutter until a stop is met. Do not over-tighten, a torque of no more than 10 Nm is needed. Wind the cutter back to allow a small amount of water to go to waste to flush out any debris. Remove dust cap (and liner for pushfit connection version). Wind the cutter back down onto its seat to seal off the connection (do not over-tighten).

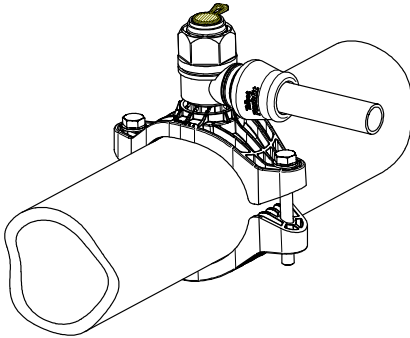


**7.** Loosen the top cap to adjust the orientation of the banjo to match the direction of the communication pipe. Prior to connection, ensure the top cap is re-tightened down on to the banjo (hand tight plus a 3/4 turn, 15 Nm). Connect the service pipe to the banjo, ensuring no undue strain is placed on the pushfit fitting.

**7a.** Pushfit connection

- Insert the liner into the end of the pipe. Push pipe fully into the fitting until a hard stop is reached.

**07b.** BSP connection - connect using a standard BSP male fitting.

**08**

**08.** Wind the cutter back to initiate water flow. Continue to wind until a seal is made to stop the flow of water through the top cap (do not overtighten, a torque of no more than 6 Nm is needed). Replace the plastic top plug.



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Note: Specifications may be changed without notification at any time.

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