

# Quick Installation Guide

## PE Tapping Saddles

**Philmac**<sup>®</sup>

by **aliaxis**

### Installation

There are two types of products with specific methods. Please ensure you follow the correct procedure.

- Rural Tapping Saddles
- Metric Saddles

### Joining Method - Rural Tapping Saddles



1. Insert the rubber seal into the saddle top by aligning the lug on the outside of the seal with the slot in the saddle.



2. Insert the bolts into the saddle bottom and push firmly into the hex recess.



3. Assemble the saddle halves in the desired location on the Rural poly pipe.



4. Thread each nut onto the bolt until firm and then complete tightening with a spanner.



5. Drill a hole using the correctly sized drill bit taking care not to damage the seal or thread.



6. Connect the desired threaded fitting to the outlet using PTFE tape.

NOTE: Following installation, the line should be thoroughly flushed to remove any swarf created from drilling the holes

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## PE Tapping Saddles

### Joining Method - Metric Tapping Saddles

#### Use

Can be used to fit a wide range of pipes from PN6.3 to PN16 including MDPE, HDPE, PP or ABS that have metric external diameter dimensions.

#### Pre Assembly

Select branch off-take position, clean pipe, ensure easy access and mark hole. Place saddle upper body and align outlet branch with marked hole.

#### Assembly

Place saddle lower body over pipe. Ensure thread of bolts are clean before placing in saddle. Tighten all bolts alternately around saddle. ensure saddle off-take hole stays in alignment with marked hole.

Drill suitable sized hole through orifice of saddle with boring tool. Ensure that the threads and gasket are not damaged.

#### Disassembly

Loosen and detach all bolts around saddle.

#### Note:

1. Philmac recommends the use of PTFE tape on BSP threads to ensure a positive seal.
2. Philmac uses 316 high class Stainless Steel nuts and bolts. Inherent in the nature of all Stainless Steel nuts and bolts is that they can fuse following installation. Lubrication of threads before installation may help to prevent this occurring.

