



Mechanical Self Tapping Tee Installation Instructions

1. Assemble tapping band on main line making sure that the pipe is clean prior to assembling.
2. Place the lower part of the band on the underside of the pipe and place the top part of the saddle onto the bolts making sure the the E-Lip seal is positioned correctly in the groove. Tighten the two sides of the saddle until secured on pipe, 10ft lbs/15Nm Torque is sufficient.
3. Screw in the service tee hand tight, no thread tape is required. **Do not use a wrench.**
4. Remove the top cap and using a 12mm hexagonal tool, screw the cutter clockwise into the pipe. When the cutter meets the pipe, continue in a full clockwise turn and then half a turn counter clockwise. Repeat the process until the main is penetrated. A reduction in torque is felt. **Do not use a power tool.**
5. Screw the cutter counter-clockwise until water flows from the service outlet allowing any swarf to be flushed out. Screw the cutter clockwise to shut off.
6. Turn the service tee anti clockwise to the direction of the service required. **Do not turn more than 180 degrees anti clockwise.**
7. Pipe must be cut square.
8. Pipe must be bevelled.
9. A re-rounding (not a peeling) tool must be used to ensure the pipe is round. Re-rounding is the term used to re-shape a deformed pipe prior to a patch repair or installation. On occasions, PE (polyethylene) pipe can lose its "ovality" due to time stored or being stored on a coil. A re-rounding tool is recommended to be used to return the pipe back to a circular shape. Tapping bands are **NOT** designed to re-shape pipe and should not be used for this purpose otherwise they could fail. Contractors are encouraged to use the appropriate re-rounding tool at all times to ensure that installations are carried out according to the utilities and manufacturers requirements.
10. Connect the service pipe into outlet using the appropriate fittings to suit pipe (25mm poly) and screw on off-take lock nut hand tight. **Do not use a wrench.**
11. Screw the cutter counter clockwise back level to the top of the service tee. This will release the flow of water into the service pipe. Replace cap over the cutter.

NOTE: The cutter can be used to close the supply by screwing it back into the main.