

TAPPING BAND: DUCTILE IRON

APPLICATIONS

Designed to allow connections of water service pipes to pipeline. Suitable for above and below ground water and wastewater applications. Can be used on a wide range of pipe materials including DICL, CICL, OPVC, MPVC, UPVC, Asbestos Cement (AC) and Ductile Iron Polymeric Coated. Designed for use on both flexible pipelines (Type F) and rigid pipes (Type R).



MATERIALS

- Upper Body & Lower Body (DI)
- Threaded Connection (Lead free DZR Brass)
- O-rings (EPDM)
- Fasteners (316 S/S)

RECOMMENDED EQUIPMENT

- Torque wrench
- Pipe surface cleaning equipment
- Appropriate personal protective equipment (PPE) must be worn at all times

Pre-Installation

Check seals are not damaged and are properly aligned prior to assembly. Ensure clear access to the off-take location on the pipe.

Clean the pipe surface thoroughly. Remove any dirt, dust, debris and any foreign material. Check and ensure the pipe sealing zone for the tapping band is free from damage or scoring.

Choose the correct tapping band (Refer to datasheet) based on the pipe DN, pipe OD and material. Confirm the off-take location and mark the drilling point (if not pre-drilled).

Use correct drill types when drilling into plastic or metallic pipes. These tapping bands can be used for under-pressure tapplings, using TPFNR Tapping Ferrules or equivalent approved methods (refer under-pressure tapping instructions).

Installation

1. **Place the Lower Body:** Position the Lower Body of the tapping band onto the pipe. The bolts will be retained with O-rings. Adjust the O-rings if needed to hold the bolts in place. (Fig. 1).
2. **Attach the Upper Body:** Carefully align and position the Upper Body over the bottom section. Ensure O-Ring seal is correctly positioned/seated. While holding both halves in place, finger-tighten the nuts evenly. Ensure the gap between the bolting legs of the tapping band is evenly spaced on both sides. (Fig. 2&3).
3. **Final positioning and torque:** Check location of tapping is correctly positioned on pipe. Confirm the tapping band's opening is correctly aligned with the drilled opening on the pipe or location for under-pressure tapping. Tighten bolts evenly to 60 Nm. The tapping band should now sit full circle around the pipe for plastic pipes (Type F) (Fig. 4). A small gap is permitted for metallic or AC Pipes (Type R).

FIG. 1

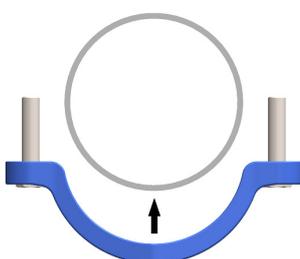


FIG. 2

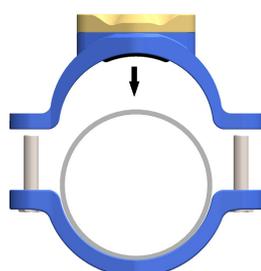


FIG. 3

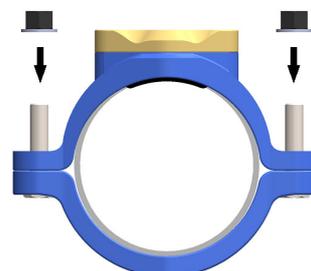


FIG. 4

