

Installation Guide

WANG KT Tapping Saddle



Manufactured & distributed under a quality system certified as complying with ISO 9001 by an accredited certification body.

General Information:

The WANG KT Tapping Saddle is for pressure and non-pressure pipes DN 40mm to DN 450mm, with a service off take of 20mm, 25mm, 32mm, 40mm or 50mm BSP tapping, subject to host pipe size.

Note: *BSP off-takes have parallel thread forms.*



All metal parts are 316 Stainless Steel.

Recommended Equipment:

- Suitable WANG KT Tapping Saddle.
- Tension wrench (0–150Nm) and socket to suit 24mm AF.
- WANG Pipe Joint & Clamp Lubricant (supplied) or an approved pipe lubricant.
- Pipe cleaner (clean rag).
- Appropriate drilling equipment

Thoroughly clean the pipe where tapping saddle will be located. Check for pitting or gouges on the pipe and relocate the saddle to a different position if these are found.

Step 1:

Loosen nut(s) to stud end, do not remove nut(s), washer(s) or locking plate (See figure 1)

Open WANG KT Tapping Saddle and lubricate the saddle rubber using WANG Pipe Joint & Clamp Lubricant (supplied) or an approved pipe lubricant.

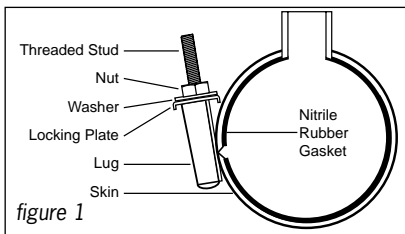


figure 1

Step 2:

Wrap WANG KT Tapping Saddle around the pipe, hand tighten nut(s) then tension with tension wrench to recommended torque as stated on the saddle or refer to figure 2 below. Re-tension saddle to recommended torque again 15 minutes later.

* For high ambient temperatures this time lag may be longer.

Note: For two and four stud tapping saddles tension nuts, uniformly, progressively and diametrically ensuring the gap on both sides is equal.

Recommended Stud Tension

Nom. Diameter	Torque
40-80mm	45Nm
100-150mm	70Nm
above 150mm	80Nm

figure 2

Step 3:

Ensure any off-take (eg, valve or pipe) is mechanically supported separate to the saddle and test the saddle at each off-take to the required test pressure.

Note: Field pipe and installation conditions may change the working pressure rating obtained after installation.

Note: For operating temperatures above 30°C, tension at highest operating temperature. For operating temperatures above 50°C, refer to WANG Components.

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