

Installation Guide

WANG Single Part & Tapped Single Part Clamps



Quality System
Quality
Endorsed
Company
ISO 9001 Lic 4596
Standard Australia

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

All metal parts are 316 Stainless Steel

Recommended Equipment:

- Suitable WANG Clamp
- Tension wrench (0–150Nm) and 24mm, long socket.
- WANG Pipe Joint & Clamp Lubricant (supplied) or an approved pipe lubricant.
- Pipe cleaner

Initial Preparation

Clean pipe surface and make it as smooth as possible as corrosion and pitting can stop the pipe repair clamp from sealing correctly.



Step 1

Loosen nuts to stud ends but do not remove locking bars. Open clamp out to allow it to be fitted around the pipe.



Step 2

Mark reference lines on pipe for positioning of clamp.



Step 3

Lubricate rubber mat and pipe with an approved pipe lubricant. Eg. WANG Pipe and Joint Lubricant available in convenient sachets from TYCO Water and WANG components.



Step 4

Wrap clamp around pipe, ensure that mats are clean and free of foreign matter before tightening clamp.

Note: The rubber sealing mat end must not be turned back and the tapered overlap must be in the correct position.



Step 5

Assemble the clamp ready for tightening. Studs must be clean and undamaged.



Step 6

Tension the studs evenly and sequentially (see figure 1) to recommended tension (refer to figure 2).

Retention studs after assembly (refer to figure 2) retention studs 15 minutes later as clamp may loosen due to mat relaxation. Replace thread protectors.

*For high ambient temperature this time log may be longer.

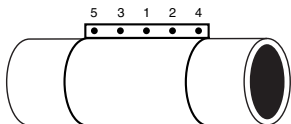


figure 1

Recommended Stud Tension	
Nom. Diameter	Torque
40mm - 65mm	25Nm*
65mm - 80mm	40Nm*
100mm - 200mm	80Nm
225mm - 300mm	100Nm

figure 2

*do not exceed 40Nm for these clamps (ie where the code ends in AA.)

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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