

## INSTALLATION INSTRUCTIONS FOR ROBOR SHOULDER-ENDED COUPLING

Read and understand all instructions before attempting to install any ROBOR couplings. Wear the appropriate personal protective equipment. Failure to follow these instructions could result in injury, improper coupling installation and/or property damage.

1. The only tool required when installing the ROBOR coupling is a suitable standard size socket wrench (non-impact).



2. Ensure the pipe ends are within tolerance and free from score marks, indentations and excessive build-up of coating materials. Apply a thin uniform coat of a suitable non-petroleum based lubricant on both pipe ends around the entire circumference.



3. Ensure that the gasket is suitable for the intended use. Lubricate the gasket with a suitable non-petroleum based lubricant. The gasket is slid completely onto one of the pipe ends. The other pipe end is pushed together against the fixed one and is aligned both horizontally and vertically. Do not use the coupling during installation to align the pipe.



4. The gasket is pushed back over the joint so that the two lips of the gasket each rest on the shoulder end and that no part of the gasket extends over the pipe shoulder. Remove one bolt and slacken the other to allow the coupling to swing over the joint. Fit the coupling halves over the gasket to position the housing key sections over the pipe shoulders.



5. Insert the bolt and ensure that the oval neck fits correctly into the bolt hole and finger tighten the bolts. Tighten the nuts alternately and uniformly; maintaining an even gap between the coupling halves all the time ensuring that the gasket is not pinched.



6. Tighten until the coupling halves are firmly together – metal to metal. Do not exceed the recommended maximum torque value. A ratchet wrench with an adequate output torque is recommended for this application.

