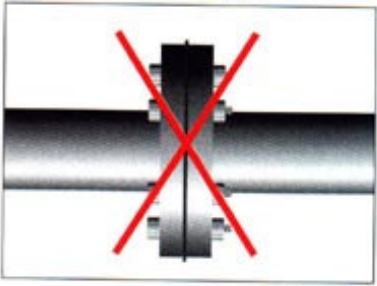


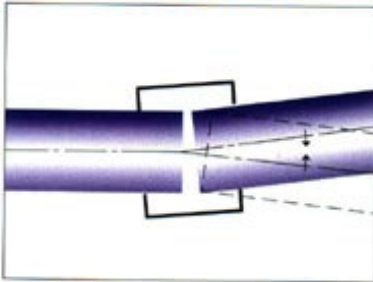
# OPERATING PRINCIPLE AND INSTALLATION

## Advantage 1



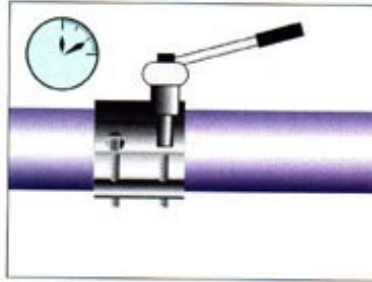
YOUNGNAM GRIP RING COUPLING is simple to install.  
Just cut pipe to length, position ends together and tighten bolts instead of welding, flanging, threading or grooving. One man is enough. Anyone can do it.

## Advantage 2



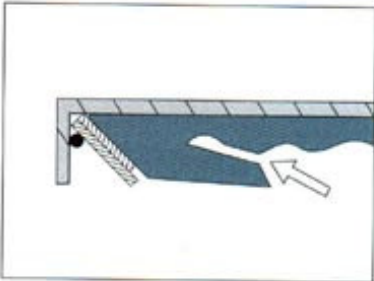
YOUNGNAM GRIP RING COUPLING takes up inaccuracies.  
Metal pipes are joined securely and resistant to pressure in spite of a gap between pipe ends, misaligned pipes or rough surfaces.

## Advantage 3



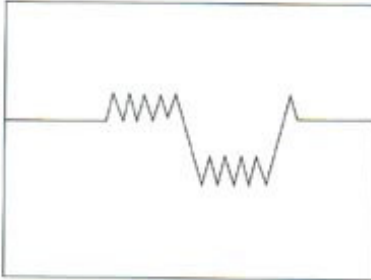
YOUNGNAM GRIP RING COUPLING is ready to install immediately.  
A ready-to-use pipe coupling. Fitted in a matter of minutes without heavy equipment and long setting up times.

## Advantage 4



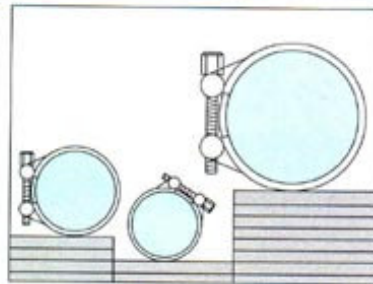
YOUNGNAM GRIP RING COUPLING is long lasting.  
The low-stressed sealing gasket is highly chemical resistant and provides a longterm reliable seal-ing. Corrosion-resistant metal parts.

## Advantage 5

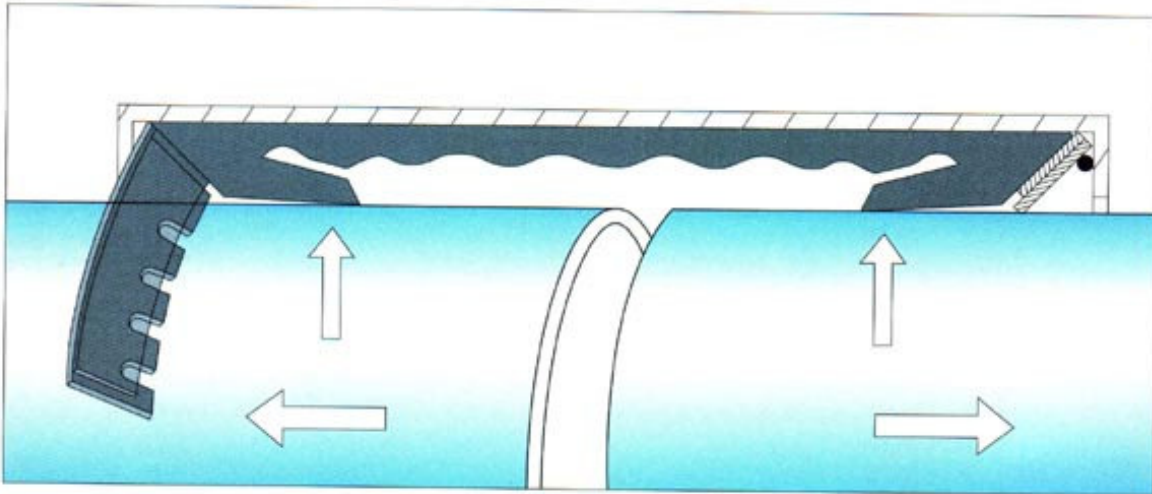


YOUNGNAM GRIP RING COUPLING reliable in operation.  
Progressive sealing effect and powerful gripping force. Dampens water hammer, vibration and structureborne noise. Protects pipes and other equipment.

## Advantage 6



YOUNGNAM GRIP RING COUPLING saves costly space.  
The compact design with only two locking points permits close pipe spacing, small diameter insulation and smaller openings for pipes.





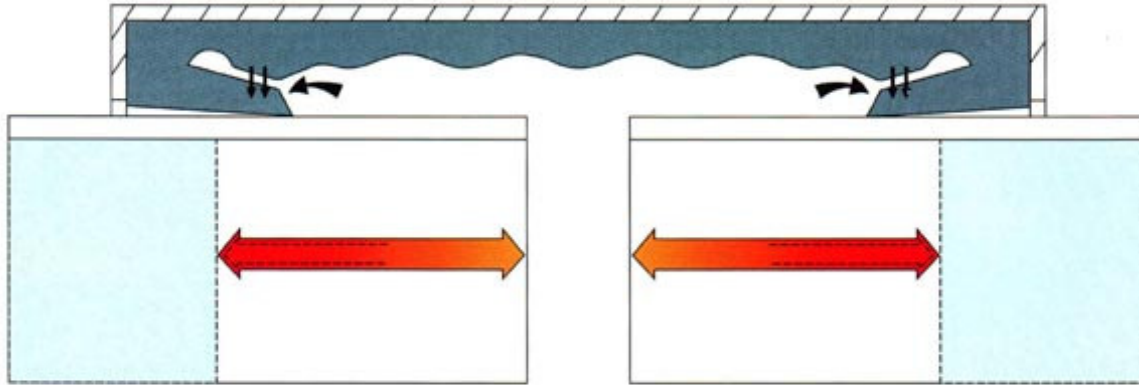
Y. N.

# OPERATING PRINCIPLE AND INSTALLATION

## Sealing

The elastic lip of the seal is tightly pressed against the outer surface of even an irregularly-shaped pipe by means of pilot holes. The internal pressure of the pipe bears upon the rear side of the lip so that pressure increases improve the sealing properties. In the centre of the seal is a raised rubber stopper. This acts as a stiff-

ener for the seal when pipe contents are below atmospheric pressure and separates the pipe ends from each other. The waved form of the internal surface of the seal prevents it from being sucked into the pipe when pipe contents are below atmospheric pressure.



## Installation

Normally, the YN-Multiflex coupling is placed over the end for one of the pipes to be connected. After this, the coupling is simply tightened to the torque shown for the coupling. (See Fig.1) To repair localized leaks, the coupling casing is opened

and the casing and sealing part is removed. The seal is cut away and the center stopper is stripped off. After this, the casing with seal is installed around the leak-ing welded joint or other leaking point, and tightened as before. (See Fig.2)

FIG 1

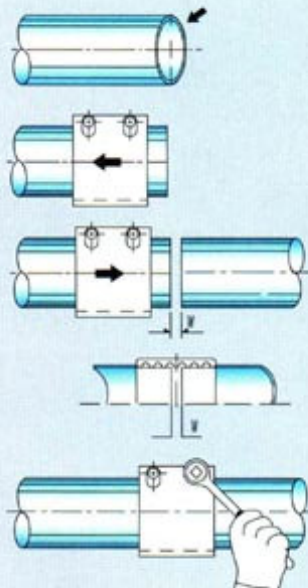
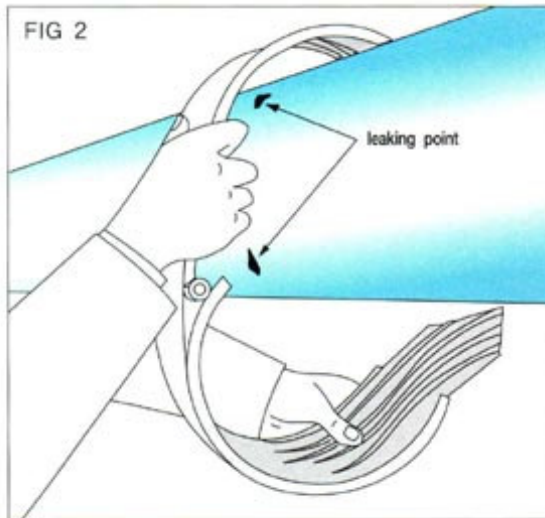


FIG 2



# YN-REPAIR CLAMP

Keep your pressure!