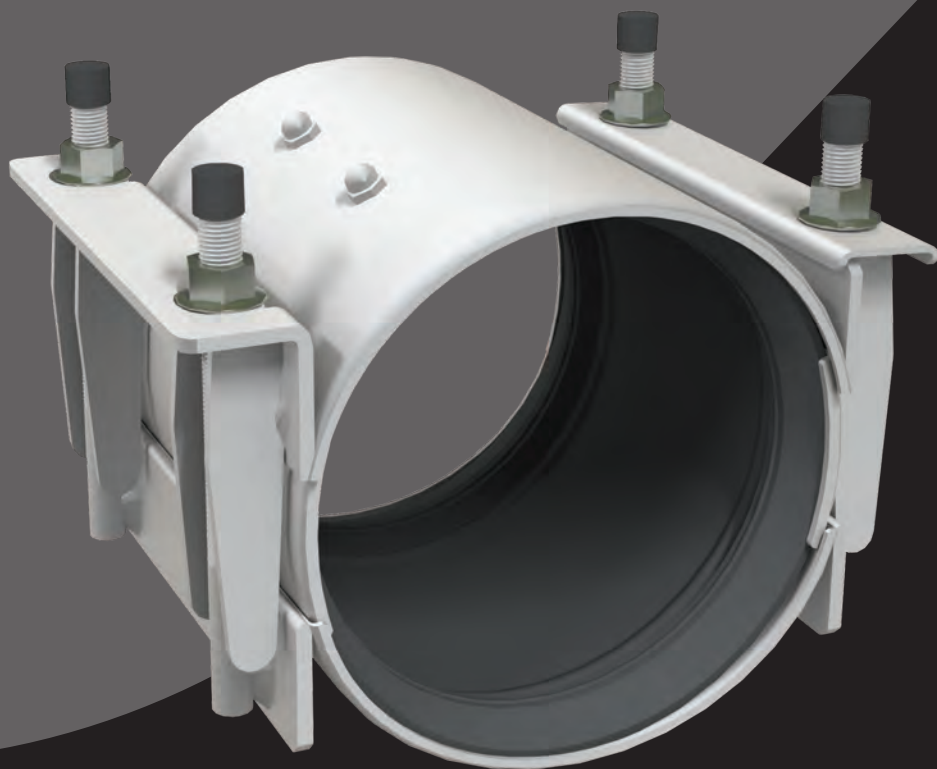


Installation guide

OX 140 | OX 210 | OX 280

PEW OX



A GOOD FLOW STARTS
WITH AN EFFORTLESS
INSTALLATION



PEWOX works on all terrains.

This stainless steel repair coupling combines, in an unprecedented way, reliability with multifunctionality. With its high pressure class rating and angular deflection compensation, this repair coupling is perfect for applications in hilly surroundings. Various situations and problems can be remedied in no time.

Applications



joining



flexible connection



weld seams



transitions



horizontal rupture



damage/cracks



replace/install
central section



vertical rupture



rupture due to
subsidence



angular deflection



corrosion



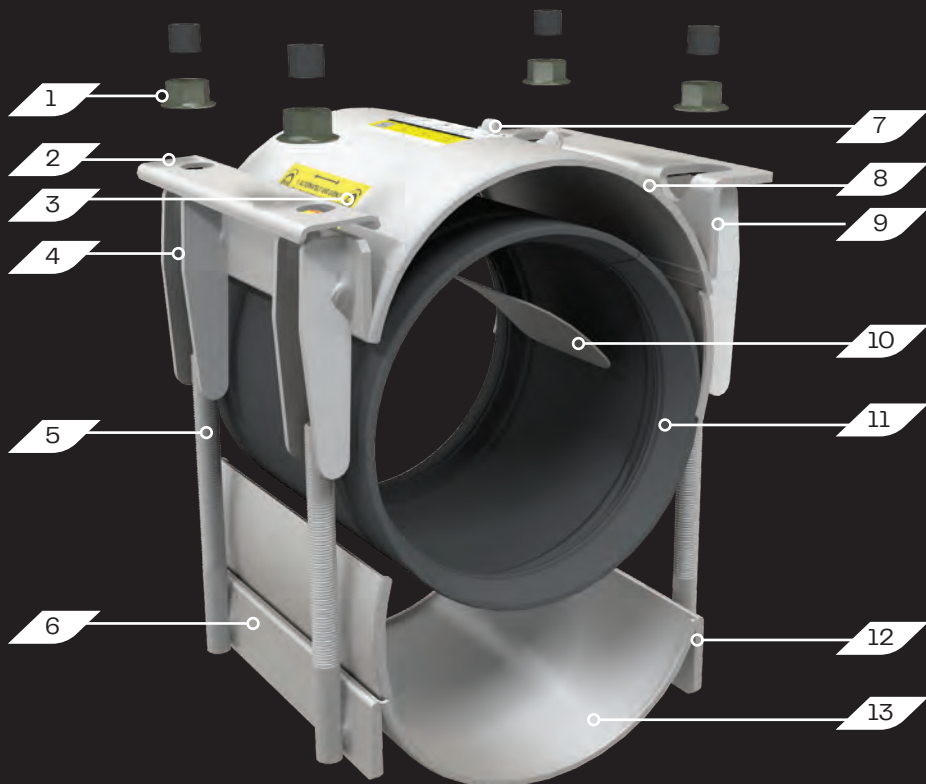
rupture due to
difference in height

Repair of the following pipe materials

PVC	PE	Cast iron	Steel	Fibre cement	GRP/GRE
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General technical data

suitable for water and gas pipes, and for other applications	entirely made of stainless steel 304	withstands maximum pressure up to 24 bar
temperature tolerance: -40 °C to 60 °C	maximum pipe gap and repair length: OX 140: 100 mm OX 210: 170 mm	OX 280: 240 mm joining and repair of pipes DN 40 to DN 600 (43 mm to 638 mm)
EPDM rubber seal certified for drinking water	accommodates angular deflections up to 8°	pipe diameter differences : up to 76 mm: 8 mm up to 120 mm: 10 mm up to 600 mm: 10 mm



IMPORTANT

Always check that you have a correct and fully functional product before you start any excavations or repairs. When in doubt, take a spare unit with you to avoid any delay of your repair.

- | | |
|---------------|---------------------|
| 1. Nut | 8. Casing |
| 2. Lifter bar | 9. R-bridge / hinge |
| 3. Label | 10. Guidance plate |
| 4. Lug | 11. Gasket |
| 5. Bolt | 12. Bridge plate |
| 6. Sidebar | 13. Casing |
| 7. Cap nut | |

BEFORE INSTALLATION:

1. Check the diameter of the pipe and make sure you are using correct sized repair couplings.
2. Clean the pipe to remove as much dirt and corrosion as possible from the surface. Scrape the pipe to remove dirt and corrosion so that the surface is smooth.
3. Make sure no foreign materials stick to the gasket as it is wrapped around the pipe, nor becomes lodged between gasket and pipe as the nuts are tightened.
4. Keep threads free of foreign material to facilitate tightening.
5. Use a torque wrench with the right wrench size to achieve proper torque.

Also make sure you use the right wrench size (step 10).

INSTALLATION:

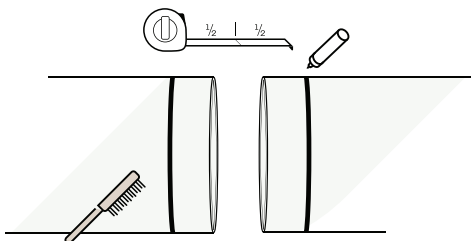
To  follow blue steps,

STEP 01

Thoroughly clean the pipe surface area to be covered by the repair coupling.

STEP 02

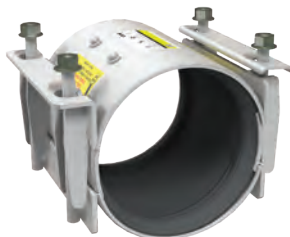
Mark the pipe on each side of the crack or gap where the ends of the repair coupling will be. After installation use this mark to confirm that the repair coupling has been properly positioned.



STEP 03

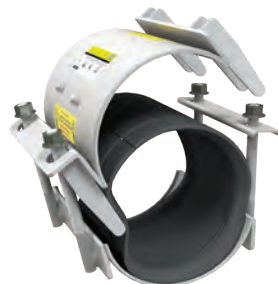
Back off nuts to end of bolts, but DO NOT REMOVE THE NUTS.

Note: If necessary (because of excessive leakage) steps 3-8 can be performed beside the pipe fracture or damage. Then slide the repair coupling over the fracture after snapping the bridge plate onto the lugs.



STEP 04

Open up the repair coupling on the side with the to be loosened bridge plate.



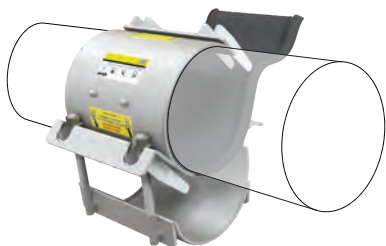
STEP 05

Remove the gasket out of the lower scale.



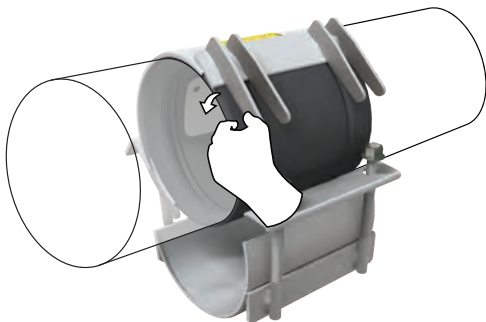
STEP 06

Hinge the upper scale onto the pipe.



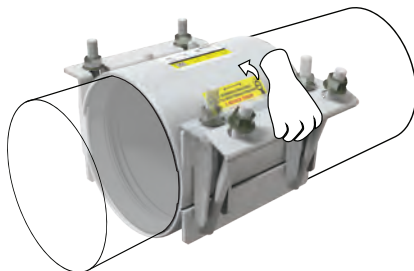
STEP 07

Apply the gasket around the pipe and put the end of the gasket between the upper scale and guidance plate. **Thoroughly press the gasket** in its place against the other gasket's end.



STEP 08

Slide the repair coupling over the crack or gap in between the pipe markings placed during step 2 to confirm that the repair coupling has been properly positioned.



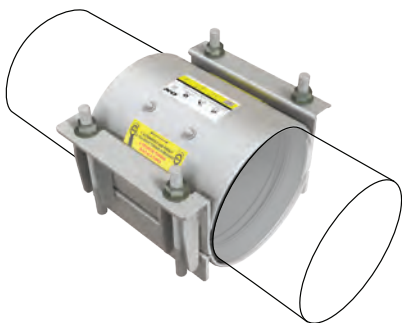
STEP 09

Snap the bridge plate over the lugs, do not use force.



STEP 10

Tighten the nuts by hand first evenly and alternately.



Always use specified order as given below (depending on coupling width):

140 mm



210 mm

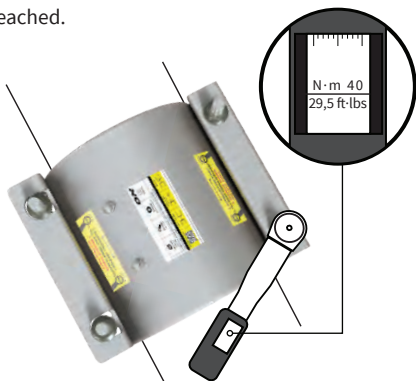


280 mm



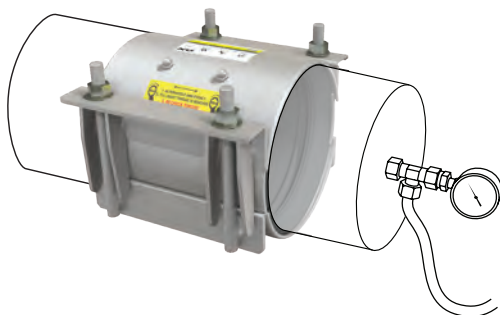
STEP 11

Tighten with a torque wrench all nuts evenly and alternately until the given torque given on the repair coupling's label has been reached.



STEP 12

Always pressure test for leaks.



PEW OX

OX is the answer to all
your pipeline joining and
repair needs.

Any further questions or projects
where we may be of assistance?
We're here for you.

PEWOBAR GMBH

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