

1. Intended use / product description



Pipe repair clamp with self-centring locking system for cast iron, steel, PVC and AC pipes. The screws welded to the clamping bridge allow easy assembly using the saddle strap. To facilitate installation, the central threaded pin is longer for d 87 mm and higher. The nuts can be screwed on easily from the supplied nut magazine, thus saving time.

CAUTION: Pipe repair clamps **cannot** be used to make feed or assured connections!

Medium: Water / gas / municipal sewage water

Max. operating pressure:

Single clamped pipe repair clamp

max. operating pressure (potable water/waste water): d 54 - d 190: 16 bar

d 190 - d 430: 10 bar

max. Operating pressure (gas):

d 54 - d 430: 5 bar

Clamped double lug pipe repair clamp

max. operating pressure (potable water/waste water): d 87 - d 186: 16 bar

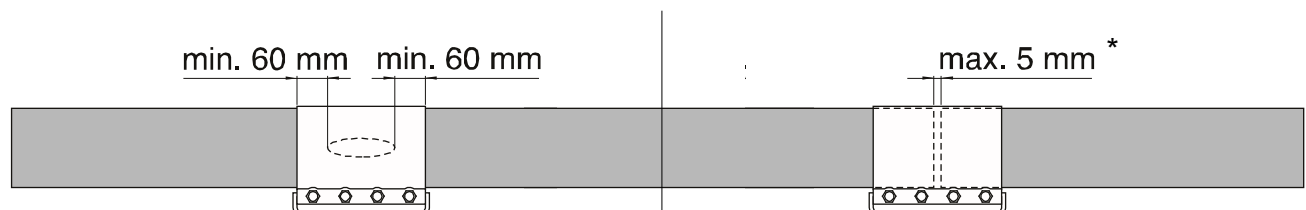
d 208 - d 430: 10 bar

d 425 - d 471: 6 bar

max. operating pressure (gas):

d 87 - d 471: 5 bar

The area of use with regard to the damage location must be observed.



Due to pipe stability, the diameter of the damage should not exceed 40% of the pipe diameter!

* Use only temporarily until the pipe is replaced!

Material: Clamp: Stainless steel
Bolts / nuts: stainless steel, molybdenum plated
Gaskets: EPDM according to DVGW W270 for water (standard) resp. NBR for gas

During installation and maintenance operations, the applicable standards and guidelines, accident prevention regulations and the regulations of professional associations are to be observed and complied with.
Installation and maintenance operations may be performed by qualified personnel only.

2. Assembly



Pipe surface cleaning

The pipe surface must be clean and smooth.

Do not use soapy water.

Prevent water from leaking out.

Pipe repair clamps should only be used on coatings if it is ensured that they are leak-proof. Otherwise strip the jacket.



Pull the pipe repair clamp over the pipe

Tighten the seal by turning the pipe repair clamp in the direction of the arrow.



Hold closure together

Secure the long bolt with the nut dispenser.

Pull off the nuts dispenser by slightly folding it sideways. Screw the nuts with dispenser onto the threaded bolts. No lubrication of the nuts necessary as they are molybdenum coated ex works.

The middle threaded bolt is extended from d87 mm to facilitate assembly.



Tighten nuts evenly with a torque wrench Screw tightening torques:

Single clamped pipe repair clamp : D 54 – D 130: max. 60 Nm
d131 - d 430 = max. 90 Nm

Clamped double pipe repair clamp: D 87 – D 132: max. 60 Nm
d132 - d 471 = max. 90 Nm

For use in aggressive soils we recommend applying an additional corrosion protection bandage around the saddle.

Ensure that the pipe is free of tension if there is a complete breakage.

3. Maintenance:

Hawle pipe repair clamps are maintenance-free.

4. Commissioning and pressure testing:

After successful installation, a pressure test must be carried out in an open pipe trench, observing the maximum operating pressures in accordance with DVGW regulations.

If you have any other questions or if you need more information please contact:

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