

FIX

Pipe clamps/joint clamps



Application options

FIX pipe and joint clamps are designed for pipes and fittings in pressureless pipelines with a load bearing capacity of up to 3 bar. FIX clamps are not high tensile; fixed points are required where fittings are used in pressure lines. They are suitable for use with pressure flow temperatures of up to +80 °C.

FIX pipe and joint clamps are suitable for indoor and outdoor use, with a variety of pipes: For sewage pipes, industrial pipes, wastewater pipes, in structural and civil engineering, in industrial plant construction, in shipbuilding, etc.

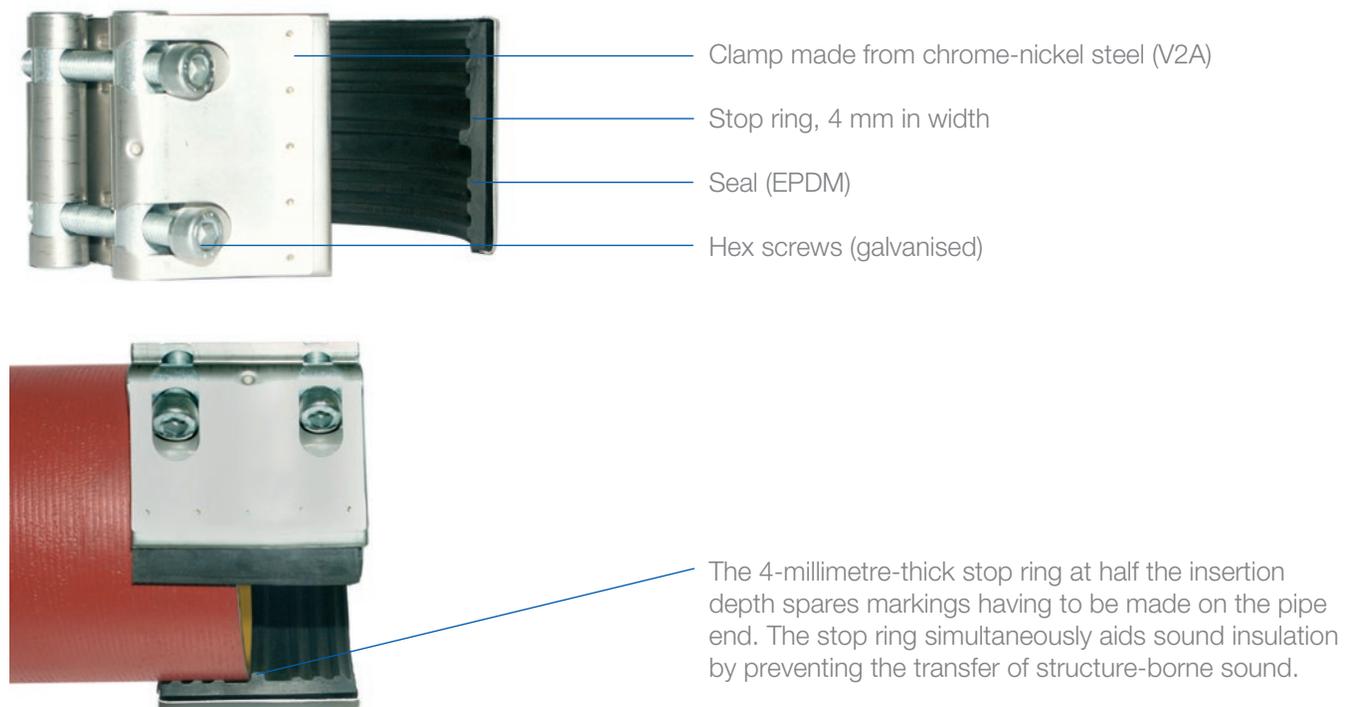
Media:

Service water, wastewater, solids and chemical substances in line with resistance list.

vonRoll FIX pipe and joint clamps are **not suitable** for use in areas with **high concentrations of chlorine or salt** (e.g. **not suitable** for use in **seawater** or **in swimming pools**).

Design

The clamp casing is made from chrome-nickel steel (V2A) with a galvanised screw cap for hex keys. A seal made from high-grade synthetic rubber (EPDM) seals the pipe and offsets the differences in external diameter between different pipe materials. It absorbs any shocks and/or vibrations in the pipe system.



Fitting

The clamps can be fitted quickly and easily:
Cut the pipes to length, push the FIX pipe or joint clamps up to the stop ring and tighten the hex screws with a ratchet wrench or hex key.
(Tightening torque: 20 Nm).



At joints connecting PE plastic pipes, insert one back-up ring into each of the plastic pipes.

Pay attention to the insertion end specified on the labels of pipe materials; this varies for different material combinations.

Connection

FIX pipe and joint clamps are suitable for all kinds of pipes and fittings.
They are available in diameters of DN 50–250/48.3–274 mm.
They are extremely easy and efficient to fit.

Connection without back-up ring,

two „hard“ pipes,
e.g. cast iron–cast iron



Connection with one back-up ring,

one „hard“ and one „soft“ pipe,
e.g. cast iron–plastic



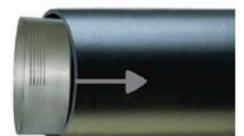
Connection with two back-up rings

two „soft“ pipes,
e.g. plastic–plastic



Joints connecting PE plastic pipes

Back-up rings are required for connections involving at least one PE plastic pipe. These are inserted into the plastic pipe before fitting.



Connection options

FIX pipe and joint clamps enable connections between pipes made from a variety of materials.

- Pipes made from the same material and with the same external diameter: Cast iron–cast iron.



Cast iron with cast iron

- Pipes made from different materials and with different external diameters, e.g. cast iron–plastic, cast iron–steel, steel–plastic, etc.



Cast iron with plastic



Cast iron with steel



Steel with PE plastic