



HOT TAP SADDLES

Stainless steel tapping tees are used for permanent (hot) taps on several pipe types



Stainless steel tapping saddles DN20-DN600 (3/4" - 24")

Description

The RST saddle is a reinforced double band clamp with a flanged or welded outlet. The standard working range is 20mm. The upper body is reinforced to accommodate the installation of valves and drilling equipment.

Pressure ratings depend on the type of pipe, branch OD, medium etc. In general, RST tapping Tees are for use on pipes up to and including DN 600 mm and can resist a pressure of 16 bar. Please contact TONISCO for more information regarding pressures on gas pipes

Benefits

Inventory reduction:

The built-in range of 20 mm allows one sleeve to fit various classes of steel, PVC, ductile iron, cast iron or asbestos-cement pipe.

Easy installation:

No specially trained personnel or tools needed. A wrench to tighten bolts is the only tool required to install the sleeve.

Full circumferential seal:

Allows you to tap size on size with confidence. No more need for heavy, hard to assemble, cast iron sleeves.

Material:

Stainless steel AISI 304 or 316 L.

Light weight:

The high tensile strength of stainless steel allows us to manufacture the lightest tapping sleeve in the industry. easy to handle and less load on the pipe.

Reinforces pipe:

Full circle design reduces stress on the pipe opposite of the tap.

Material Specification

All metal parts: Stainless steel AISI 304 or AISI 316L. Metal parts have been deburred and are passivated to restore the corrosion resistance to its original state after the welding process. Double band (two sections) For detailed working ranges.

Standard certified rubber gaskets EPDM or NBR. The rubber is tapered and has a wave pattern. Seamless rubber lining for every clamp diameter.

Stainless steel, electrolytic zinc plated nuts to prevent galling.

Stainless steel washers.

No loose parts that may get lost during installation.

The RST tapping sleeve is designed for under pressure drilling (hot taps).

Flanges are drilled acc. to DIN 2576 and NEN 1092-1. The flange thickness is 24 mm for flanges up to DN 200 and 26 mm for flanges up to up to DN 300. Standard flanges are flat faced PN 10, but raised faced, ASA and PN 16 flanges are available upon request.

Specifications

The Hot tap saddle can be used to repair the following pipe types:

- Ductile Iron (DI)
- Cast Iron (CI)
- Steel (St.)
- Asbestos Cement (AC)
- PE coated steel
- PVC*
- GRP*
- PE*

* If pipe repair clamps are to be used on plastic pipes, please always contact TONISCO for more information regarding the application and restrictions on these pipe types.

Available rubber gaskets:

EPDM	- Potable water - Waste water	- max. 60 degr. °C
EPDM HT	- Potable water - Waste water	- max. 150 degr. °C
NBR	- Potable water - Waste water - Natural gas	- max. 70 degr. °C
VITON	- Several Chemicals	- max. 200 degr. °C

Applications

Operation applications:

District Heating and Cooling, Water Networks, different Pipe Networks in Process Plants

Applicable fluids:

for water, gas and petrochemical fluids