

# Romaccon Tapping Tee Style SST

# ROMACCON®

Romaccon stainless steel tapping tees style SST are used for permanent (hot) taps on several pipe types

**for water, gas and petrochemical fluids**



SST type D

The SST is in fact a reinforced double band clamp with a flanged outlet.  
The standard working range is 10 mm, but a working range of 20 mm is available on request.  
The upper body is reinforced to accommodate the installation of valves and drilling equipment.  
Bolts can point upward (SST U type) or downward (SST D Type, as in the picture).

#### Design advantages offered by the Romaccon Style SST tapping sleeve:

- Inventory reduction  
The built-in range of 10 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  
Mild steel flanges are available from flange ND 300
- 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

Please always inform us whether the bolts should point upward or downward.

# Romaccon Tapping Tee Style SST

Depending on OD and flange size the branch can be supported by an additional reinforcement. Pipe and valve should always be supported according to standard codes of practice

Size on size tapping sleeves require the use of an undersized shell cutter. Please ask your distributor for more information.

The SST sleeve 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 Romaccon or a Romaccon distributor for more information regarding the application and restrictions on these pipe types.

Branch ND	Required body length
50	300
65	300
80	300 (400)*
100	400
125	400
150	400
200	500
250	600
300	750

\* if pipe diameter is > 300 mm

## Material specification:

- Metal parts: stainless steel AISI 304 or AISI 316L.
- All parts have been deburred and are passivated to return the corrosion resistance after the welding process to its original state.
- Double band (2 sections). For detailed working ranges please see our pricelist.
- Standard certified gaskets EPDM or NBR. The rubber is tapered and has a waffle pattern.
- Seamless rubber lining for every clamp diameter
- Stainless steel reinforced V branch ring gaskets are used for all tapping tees, except for some plastic pipe sizes and certain pipe-branch connections where "labyrinth" gaskets are used.
- Bridge plates are vulcanized into the rubber gasket
- U-shaped lifter bars.
- Bolts are PTFE (Teflon™) coated to prevent galling.
- Stainless steel washers.
- No loose parts that may get lost during installation.
- No special tools required; a simple wrench will do the job.
- Special tape is used to fix the rubber gasket to the stainless steel band. This tape is flexible and reinforced with glass-fibre thread to withstand hot and humid conditions and guarantee a long storage capability.
- The SST tapping sleeve is designed for under pressure drilling (hot taps).

# Romacon Tapping Tee Style SST

## Available sizes

Romacon SST tapping tees clamps are available for pipe diameters from ND 80 up to ND 800.

Standard lengths: 300 / 400 / 500 / 600 / and 750 mm.

Besides our standard program, we are able to manufacture any range or length that you may require.

The length of the clamp for all pipes (except plastic) should correspond to the branch DN as follows:

FLANGE DN	CLAMP LENGTH	TOTAL HEIGHT OF THE BRANCH AND FLANGE
DN 50	200 MM	80 MM
DN 65	200 MM	80 MM
DN 80	300 MM *	100 MM
DN 100	400 MM	100 MM
DN 125	400 MM	120 MM
DN 150	400 MM	130 MM
DN 200	500 MM	140 MM
DN 250	600 MM	165 MM
DN 300	750 MM	165 MM

\*\* (400 mm if POD is > 300 mm)

## Pressure ratings (for water)

Pressure ratings depend on the type of pipe, branch OD, medium etc. In general, SST tapping tees for use on pipes up to including ND 600 mm can resist a pressure of 16 bar.

Please contact Romacon or your distributor for more information regarding pressures on gas pipes.

## Flange design

Flanges are drilled acc. to DIN 2576 and NEN 1092-1. The flange thickness is 12 mm for flanges up to DN 300 and 15 mm for DN 300 and larger. Standard flanges are flat faced PN 10, but raised faced, ASA and PN 16 flanges are available on request.

## Available rubber gaskets

Romacon clamps can be supplied with the following types of rubber:

EPDM	- potable water - wastewater	max 55 degr. C
EPDM	- potable water - wastewater	max 140 degr. C
NBR	- natural gas - potable water max - wastewater	Max 80 degr. C
Viton	- several chemicals pls contact Romacon	pls contact Romacon
Silicone	- several chemicals pls contact Romacon	pls contact Romacon

Our rubber gaskets are certified to European standards, such as ACS (France) and WRAS (UK). Please contact us for a detailed list of current certifications.



Romacon has been certified to ISO 9001-2000 by TÜV

**ROMACON®**