

# Romaccon Stainless Steel Tapping Saddle (SSS)

## ROMACCON<sup>®</sup>

Romaccon Stainless steel tapping saddles are used to make permanent (hot) taps on existing or new pipe lines

**for water and gas pipes**



Romaccon tapping saddles can be equipped with a threaded socket or nipple up to 4". The saddles can also be provided with a Flanged outlet or a plain end.

The standard outlets are threaded according to ISO 7 / DIN or BSP. American CC or IP threads can be supplied upon request.

Following table indicates the saddle width and number of straps for the various ranges and outlets.

DN mm	Saddle ranges	1/2" up to 1 1/4"		1 1/2" and 2"		2 1/2"		3"		4"	
		Width	Straps	Width	Straps	Width	Straps	Width	Straps	Width	Straps
65	68-78	100	1	NA	-	NA	-	NA	-	NA	-
80	88-110	100	1	150	1	NA	-	NA	-	NA	-
100	108-130	100	1	150	1	200	2	NA	-	NA	-
125	133-155	100	1	150	1	200	2	200	2	NA	-
150	159-181	100	1	150	1	200	2	200	2	250	3
175	190-212	100	1	150	1	200	2	200	2	250	3
200	216-238	100	1	150	1	200	2	200	2	250	3
225	238-260	100	1	150	1	200	2	200	2	250	3
250	267-289	100	1	150	1	200	2	200	2	250	3
300	324-346	100	1	150	2	250	3	250	3	300	4

NA= not applicable

\* Other sizes are available on request

Please note: in case you want to use a saddle on a plastic pipe we advise the use of a rubber layer inside the strap in order to avoid direct contact of the band with the pipe surface. Please mention this in your order

In order to avoid deformation of the pipe, saddles for plastic pipes are made exactly to the OD of the pipe, without a working range.

**The saddles can be used for making a connection to following pipe types:**

Ductile Iron. (DI)  
Cast Iron (CI)  
Steel (St.) and PE coated steel  
Asbestos Cement (AC)  
PVC  
GRP (with restrictions) \*  
PE (with restrictions) \*

\* Please contact Romaccon or a Romaccon distributor for more information regarding the

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## Pressure ratings \*

Pressure ratings depend on the type of pipe, POD, medium etc.

In general, tapping clamps can be applied on pipes with a maximum hydrostatic pressure of 16 bar .

\*A description of the testing conditions under which the clamps have been tested and testing methods is available on request. Please contact Romacón or your distributor for pressures on gas pipes.

## Material specification:

- Metal parts: stainless steel AISI 304 or AISI 316L.
- Sockets and nipples are threaded according to ISO 7/ DIN or BSP. Special designed outlets, such as Polva, are available on request. Please contact your distributor.
- The outlets are 100 % air tested after welding
- All parts have been deburred and are passivated to return the corrosion resistance after the welding process to its original state.
- Rubber gaskets SBR / NBR / EPDM\*\* (other rubber types on request). The rubber is tapered and has a waffle pattern. All outlets are provided with special ring gaskets. Larger sizes have a reinforced upper scale in order to avoid blow out of the gasket ring.
- U shaped lifter bar.
- Bolts are PTFE (Teflon™) coated to prevent galling.
- FOP (Delrin™) washers to reduce friction between nut and lifter bar, which also function as a torque indicator.
- 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. The tape is flexible and reinforced with glass fibre thread to resist hot and humid climatological circumstances and guarantee a long storage capability.
- Under most circumstances the clamps can be installed without releasing the pressure of the pipe.
- The clamps are separately packed into strong double rib cartons. For export overseas we use strong seaworthy wooden crates
- The pad is constructed in a way that the nuts are on the same side as the tap. This enables easier installation.
- If required, the SSS saddle is also available with the bolts pointing downward.
- The straps are made of 50 mm wide heavy stainless steel.
- In case you want to use a saddle on a plastic pipe we advise the use of a rubber layer inside the strap in order to avoid direct contact between band and pipe surface
- The outlet is welded into the pad on one side. Two sided welding is available on request.



Romacón has been certified to ISO 9001:2008 by Tüv