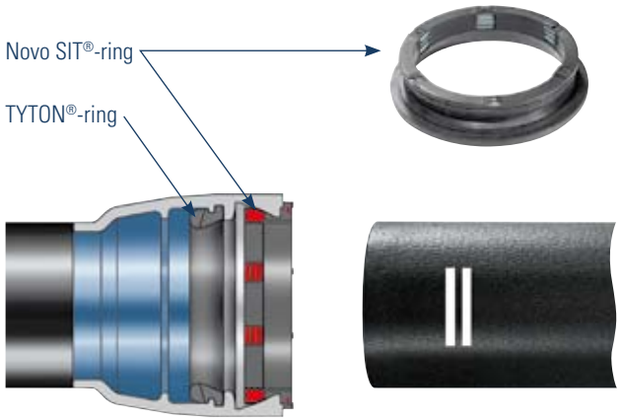
Assembling steps



1. Cleaning inside the socket, particularly the TYTON® groove.

2. Insert gasket (TYTON®-ring) by deflecting and squeezing, so that the gasket is firmly bedded in its seating. The inner part of the inserted TYTON®-ring should be slightly lubricated.

3. Insert Novo SIT®-ring into the pre-chamber.

4. Cleaning of spigot-end, slightly lubricate and insert concentrically into the socket until it touches the TYTON®-ring.

5. Suitable tackles to push the spigot evenly into the socket have to be employed, f. e. laying tool V 300 D acc. to the illustration. Deviation should be avoided.

Important:
Changes of circumferential directions have to be arranged before connecting (f. e. installation of outlets, tees a.s.o.).

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FITTINGS AND VALVES
DRAINAGE TECHNOLOGY
ENGINEERING
GLASS LINING TECHNOLOGIES
JOBBING FOUNDRY

732672 / 01.09 Specifications subject to change without notice.

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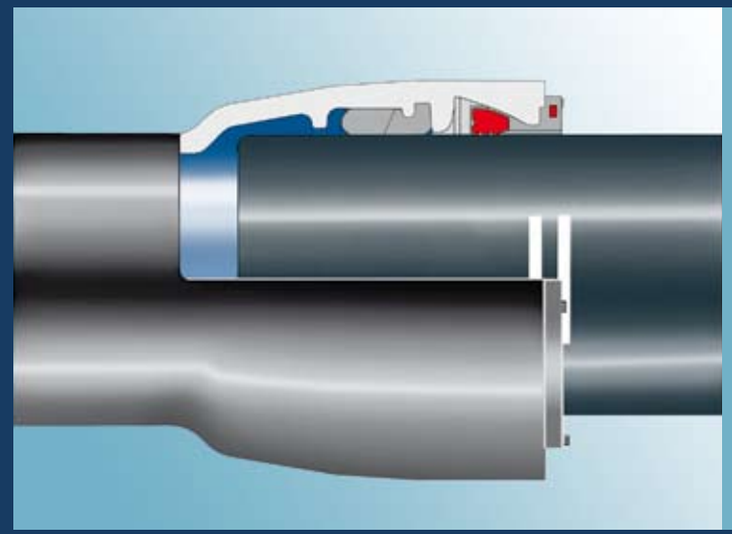


Laying instructions

for ductile cast iron pressure pipes, fittings and valves

equipped with Novo SIT®
thrust resisting joints

Laying instructions Novo SIT®

General instructions for laying of pressure pipes, fittings and valves with TYTON® joints should be observed.

Novo SIT®-locking rings are available for dimensions DN 80 up to DN 1000.

Application

Ductile cast iron pipes class K9 and over

DN	PN bar	
80 - 300	25	on request up to 40 bar
350 - 400	16	on request up to 25 bar
500 - 600	16	
700 - 800	10	

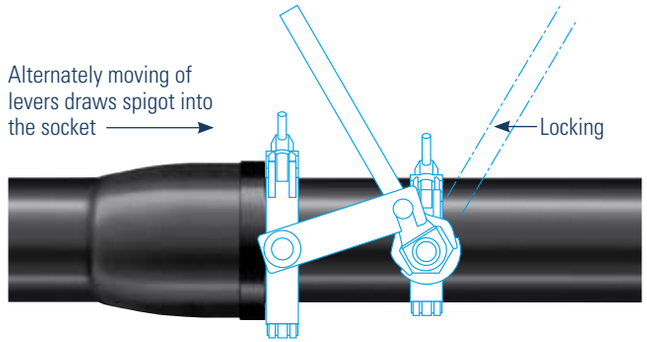
Wall-thickness < K9 up to 6 bar

This self-anchoring, thrust-resisting socket joint substitutes for concrete anchoring blocks. The suitable number of thrust-resisting connections have been laid down in DVGW-Standard GW 368 and have to be observed.

The TYTON®-socket acc. to DIN 28 603 has been improved and extended with a pre-chamber. Sealing and locking functions are now separated.

Before installation in lines for bridges, ducts or rivercrossings, please contact our Service Team.

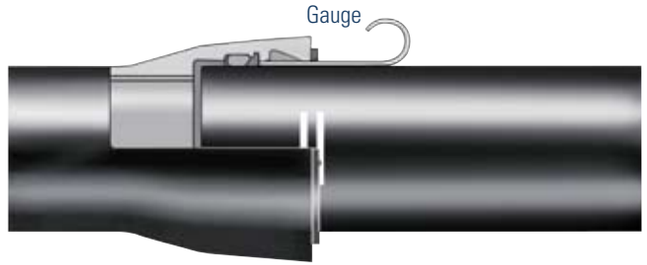
Laying device V 300 D



Attention:

After connecting both parts, the locking of the segments have to be accomplished by moving the levers in the opposite direction.

The exact position of the TYTON®-ring has to be tested with suitable gauge between the segments on the whole circumference.



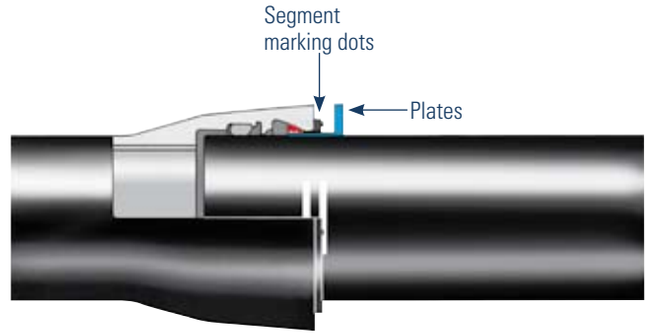
Note:

Deviation of the installed thrust-resisting joint is possible as follows:

- up to DN 400 - 3°
- up to DN 700 - 2°
- up to DN 800 - 1°

A pipe with 6 m length and 1° deflection deviates approx. 10 cm off the neutral pipe axis.

Dismantling of thrust-resisting joints



1. Push the spigot completely into the socket.

2. Adjust dismantling blade to the outside diameter of the spigot, insert the blade into the hammering device, lubricate the blade slightly on both sides and drive the blades on all segment marking dots into the socket.

3. Use pipe laying tool or dismantling collar to remove the sections from each other.