

Fitting instructions for Tyton SIT®/Tyton SIT PLUS® joints



Tyton SIT®/Tyton SIT PLUS® joint

General instructions

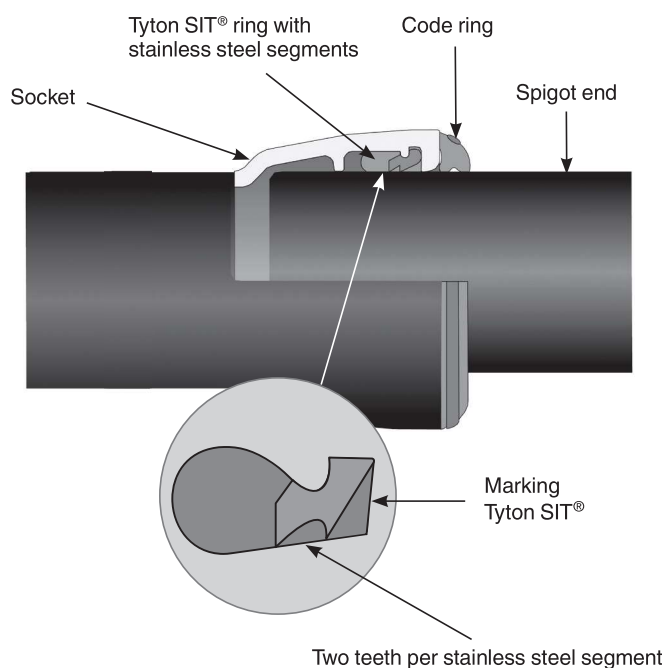
When laying pressure pipes and fittings with thrust-resisting joint Tyton SIT® and/or TYTON SIT PLUS® (TSP®), always observe the “Fitting instructions for pressure pipes and fittings with Tyton® joints” and any special instructions provided by the pressure pipe manufacturer.

Tyton SIT® sealing and thrust protection rings are available for dimensions DN 80 to DN 400.

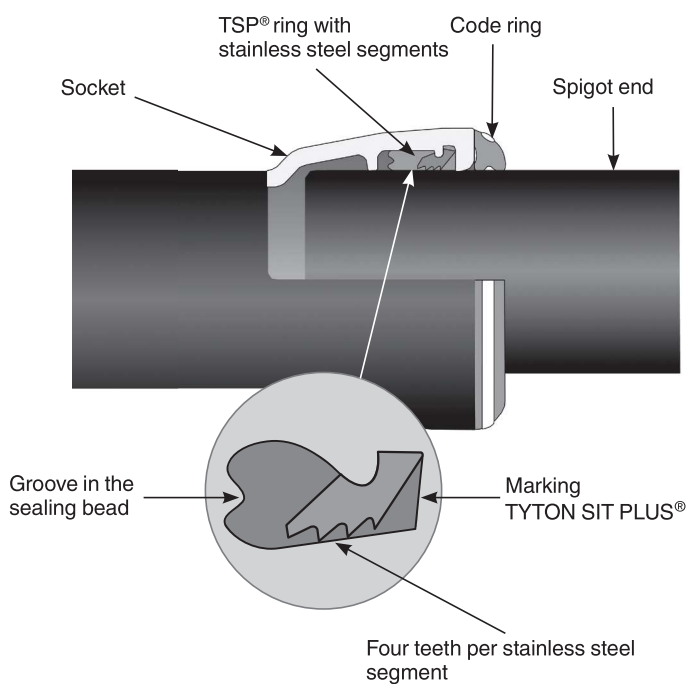
Tyton SIT PLUS® (TSP®) sealing and thrust protection rings are available for dimensions DN 80 to DN 600.

Schematic diagram of the joint

Tyton SIT®



TYTON SIT PLUS®





Tyton SIT®/Tyton SIT PLUS® joint

Application

Tyton SIT®

DN	PN
80-200	16
250-400	10

TYTON SIT PLUS®

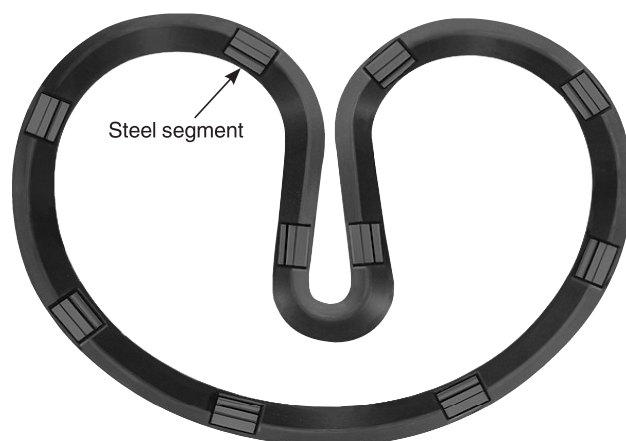
DN	PN
80-100	32
125-350	25
400-500	16
600	10

This thrust-resisting socket joint renders concrete anchoring blocks superfluous.

The number of socket joints to be secured this way shall be determined as specified in DVGW standard GW 368.

Always contact our customer service before you use these joints in gas pipelines, suspended pipelines or bridge pipelines.

Assembling the joint



1. Clean the socket and spigot end.
2. Clean the Tyton SIT® / TYTON SIT PLUS® ring, fold it so to form a heart and insert it into the socket. Note that the inner bend shall be situated between two steel segments (see Fig.). Apply a thin film of lubricant to the inserted sealing ring.
3. Slide the profiled code ring with colour stripe (blue for Tyton SIT® and white for TYTON SIT PLUS®) onto the spigot end.
4. Apply a thin film of lubricant to the spigot end – in particular to the chamfer – and insert it into the socket until it touches the sealing ring.
5. Attach the fitting tool to the socket and spigot end and force the spigot end into the socket. Make sure the spigot is inserted concentrically and straight.

Caution! Turning an element in the circumferential direction (e.g. to bring a branch connection into position) shall be avoided; if unavoidable, it is essential that this is done before locking.