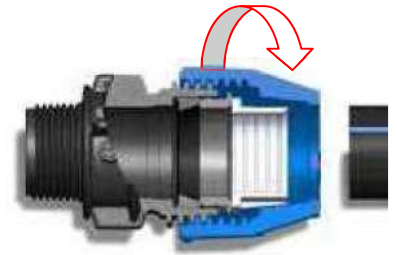


S16 COMPRESSION FITTINGS ASSEMBLY INSTRUCTIONS

1. Pipe preparation and nut unscrew

Cut the pipe square and remove the burrs; we suggest to chamfer it for $d > 75\text{mm}$. Unscrew the nut to the last thread, leave it on the fitting while inserting the pipe.



2. Pipe insertion up to the first pipe stop

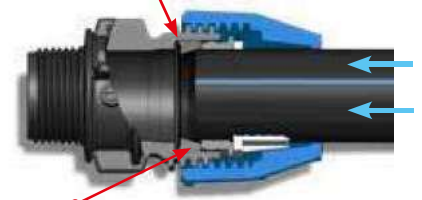
Twist the pipe into the fitting through the grip ring till the first stop: the pipe has reached the conical gasket

Balance sealing system

The conical gasket has two opposite lips that allows:

- The easier pipe insertion
- The right placing of the gasket in the body radial site
- The better adaptability of the gasket towards the body and the pipe wall (large contact pipe surface)

Radial gasket site in the fitting body



Conical gasket: two opposite lips

3. Pipe insertion up to the body pipe stop

Push the pipe through the gasket till the second stop, You have reached the pipe stop ribs of the fitting.

Balance sealing system

The radial body site and the conical gasket are designed to keep the gasket lightly up in the site: after the pipe insertion it doesn't reach directly the body pipe stop, it also remains a little raised from the pipe stop thanks to the internal ribs in the body



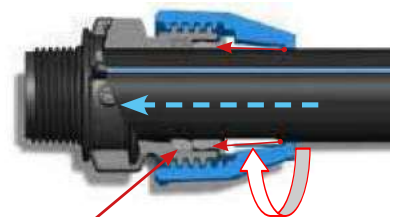
Body pipe stop with internal ribs

4. Screwing the nut

Tighten the nut firmly, by hand or standard tool up to 32mm, by standard tool or dedicated Supreme wrench for $d > 40\text{mm}$; the pipe moves to the very final body stop

Balance sealing system

By tightening the nut it works on the thrust ring that push the gasket, meanwhile the pipe is moving to the final stop in the body: the gasket can deeply place in its site also moving radially and increasing its compression towards the pipe wall, as much as it's possible in relation to the dimensional and geometrical features of the pipe. In this way, acting on the tightening level of the nut, it is possible to realize a system able to balance pipe defects such as undersize, ovalization and little rules



The gasket places deeply in its site and moves radially towards the pipe