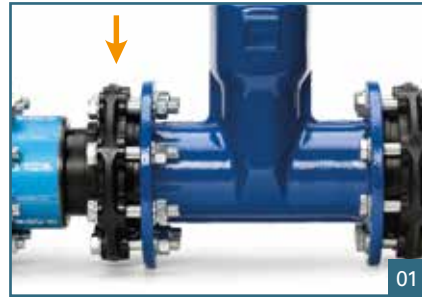


■ FITTING REMOVAL

Before removing, secure the fitting to prevent it falling off – Risk of injury!



First, loosen the bolt connections **on the side of the fitting that is connected to the QUICK-TWIST**.



Hook the hook wrench into one of the grooves on the loose flange side of the QUICK-TWIST as shown.



Set back **the HP flange of the QUICK-TWIST with a turning movement** until you have enough space to remove the fitting. Remove the profile gasket.



Now loosen the bolt connections **on the side facing away from the QUICK-TWIST**. Remove the fitting from the pipe-line and dispose of both gaskets properly.



PLEASE OBSERVE:

The installation instructions for flanges with the respective bolt tightening torque, and the use of new bolts, nuts and washers and new profile gaskets for flange installation.

Also use suitable lubricant for the threads.



Reinert-Ritz GmbH
Ernst-Heinkel-Straße 2
D-48531 Nordhorn
Germany

Phone: +49 (0) 5921 8347-0
Fax: +49 (0) 5921 8347-25
contact@reinert-ritz.com
www.reinert-ritz.de

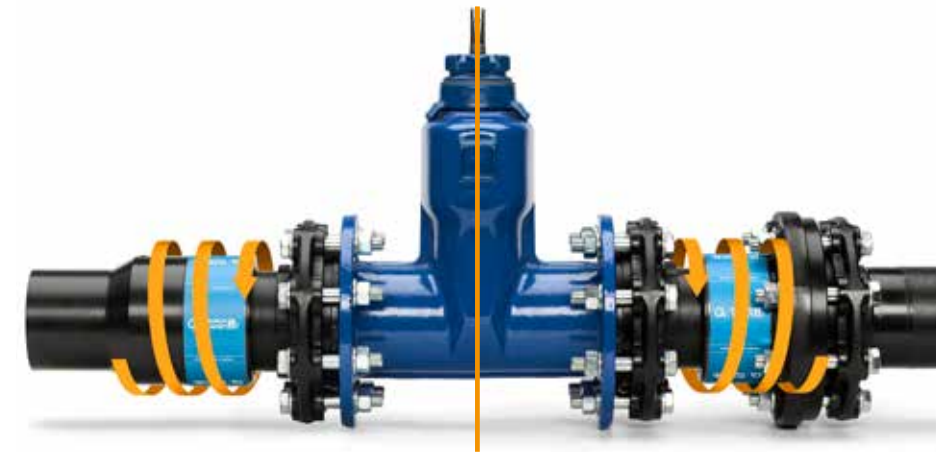


Last update: 0520

QUICK-TWIST DISMANTLING JOINT

Installation instructions





GENERAL INFORMATION

The QUICK-TWIST is available in the two variants, **FS (flange-spigot end)** and **FF (flange-flange)**. It is adjusted using a rotary movement via a coarse thread, via which the respective sides of the QUICK-TWIST are connected to each other so that they are pressure-tight. The spigot end variant enables welding to a PE pipeline by means of heated coil welding (HM) or heated element butt welding (HS).

QUICK-TWIST is always delivered in the centre position. The green marking at the edge indicates that the QUICK-TWIST is in the centre position. The **adjustment path of the standard version is ±15 mm**. Adjustment is carried out on the loose flange side using the hook wrench, which is available separately. The items required for production of the respective flange or welded joint, such as the profile gasket for the loose flange side, bolts, nuts, washers

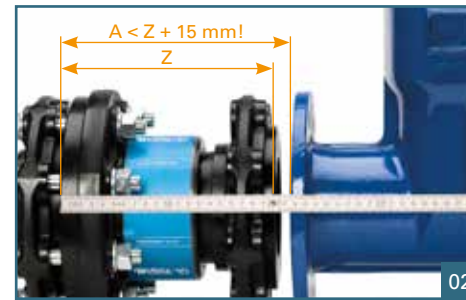
or electrofusion couplers must be procured separately. In the case of underground installation, the QUICK-TWIST must be protected against the penetration of foreign bodies from outside, such as soil and the like, in such a way that it can still be used at a later point in time.



FLANGE-FLANGE VERSION



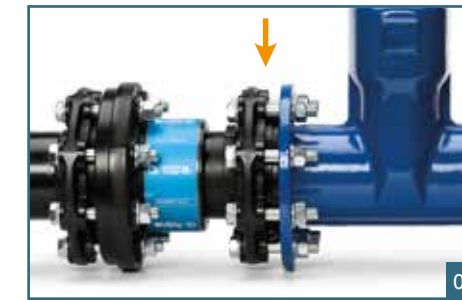
Make sure that the O-ring on the fixed flange side is present and correctly inserted.



Make sure that the maximum adjustment path of the QUICK-TWIST (+ 15 mm as standard) is sufficient to bridge the installation gap and create the flange connection to the fitting. Also take into account the thickness of the profile gasket.



Bring the profile gasket into the correct position on the fitting flange and adjust the HP flange of the QUICK-TWIST with a **turning movement until** the profile gasket is held in place.



Now, install the **loose flange side (HP flange)** of the QUICK-TWIST to the fitting flange.

FITTING INSTALLATION

Make sure that the overall length of the new fitting is the same as the old one, and that the **loose flange side (HP flange)** is in the **screwed-in position**, leaving **sufficient space for installation**. Have a new gasket ready.

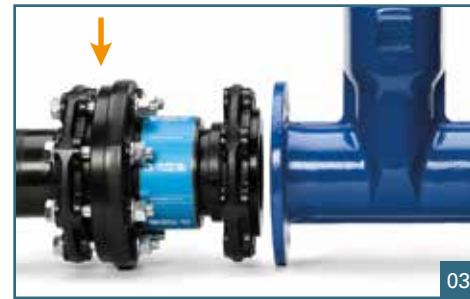


First, install the fitting on the **side facing away from the QUICK-TWIST**.



Hook the hook wrench into one of the grooves on the loose flange side of the QUICK-TWIST as shown.

FLANGE-SPIGOT END VERSION



First, **install the fixed flange side (special flange VP)** of the QUICK-TWIST to the counterflange. A profile gasket is not required for this, as an O-ring seal is provided.



Hook the hook wrench into one of the grooves on the loose flange side of the QUICK-TWIST as shown.



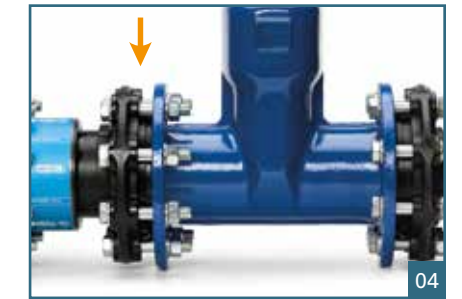
Make sure that the maximum adjustment path of the QUICK-TWIST (+ 15 mm as standard) is sufficient to bridge the installation gap and create the flange connection to the fitting. Also take into account the thickness of the profile gasket.



First, weld the spigot end of the QUICK-TWIST according to the guidelines for the selected welding method. **Now follow the above points 4-6 of the installation instructions for the flange-flange version.**



Bring the profile gasket into the correct position on the fitting flange and adjust the HP flange of the QUICK-TWIST with a **turning movement until** the profile gasket is held in place.



Install the **loose flange side (HP flange)** of the QUICK-TWIST to the fitting flange.