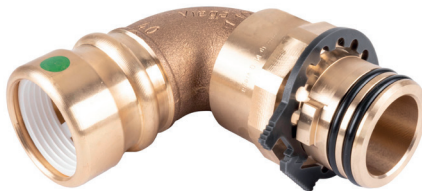


1. Intended use / Product description



ZAK-Press-FIT®

Ord.No. 616-04



ZAK-Press-Fit®, elbow 90° with
swivel-type outlet
Ord.No. 647-05



ZAK-Press-FIT®, rehabilitation
version
Ord.No. 616-05

Medium: Potable Water
Max. operating temperature: 0° to 25°
Max. operating pressure: 16 bar
Material: Body: Red brass
Locking ring/Grip ring: POM
O-Ring: EPDM acc. to UBA-KTW-BWGL

UBA-BWGL-metals*

ZAK-Press-FIT® fittings as a transition from the Viega Geopress system to the Hawle ZAK® system.
For underground pipework construction and distribution systems in the potable water supply. No application in the installation.





On the one hand with ZAK® spigot end for form-fit connection with ZAK® tapping fittings, on the other hand with Viega Geopress socket for connecting PE pipes SDR11 to DIN 8074 and PE-X SDR 11 to DIN 16893.

The 90° elbow version, Ord. No. 647-05, can be rotated continuously through 360°.


We recommend the use of support support liners, as this always increases the service life of the entire system.

During installation and maintenance operations, the applicable standards and guidelines, accident prevention regulations and the regulations of professional associations are to be observed and complied with.
Installation and maintenance operations may be performed by qualified personnel only.

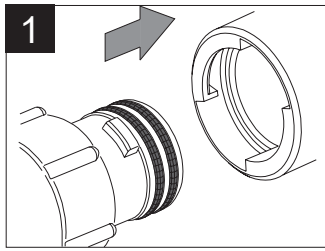
Accessories:

	
 590-01 Support liner of brass for PE pipes	 590-02 Support liner of plastic for PE pipes

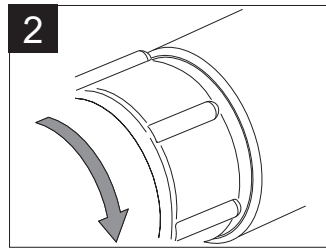
2. Assembly

	See Viega Geopress K operating instructions.
---	--

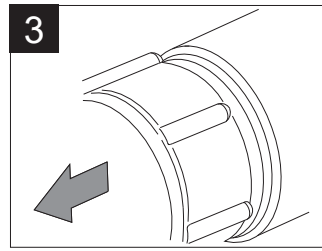
ZAK®-connection:



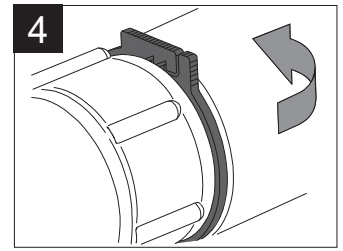
Apply approved lubricant to the O-rings of the spigot end and slide the ZAK® spigot end into the ZAK® socket as far as it will go.



Turn the ZAK® connection fitting 90° clockwise as far as it will go.

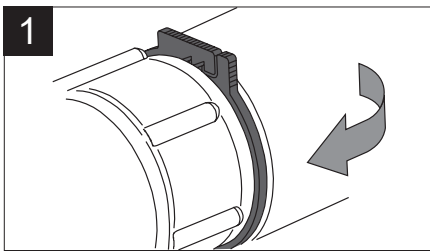


Pull back ZAK® connection fitting approx. 4 mm as far as it will go.

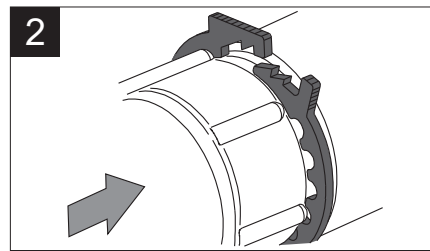


Slide the fixing ring into the gap and engage the interlocking by pressing it together. (The fixing ring can be pulled on so far that it can also be inserted later)

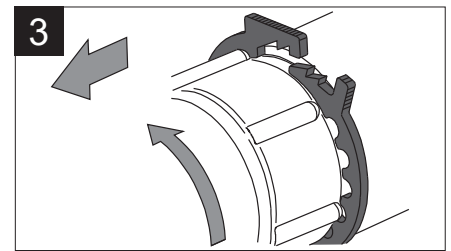
Demontage ZAK®-System:



Open the interlocking of the fixing ring. Expand the fixing ring and pull it back.



Insert ZAK® connection fitting as far as it will go.



Turn the ZAK® connection fitting 90° counter-clockwise as far as it will go and pull it out of the ZAK® connection sleeve. After dismantling, check O-rings and replace if necessary.

Viega Geopress-socket:

When installing the Viega Geopress socket, the Viega instruction manual must be observed.

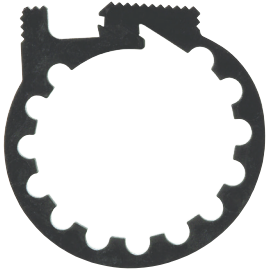
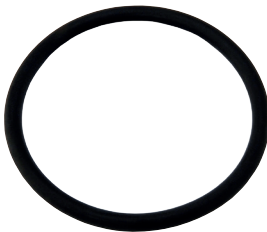


3. Commissioning/Pressure test

After successful installation, a pressure test must be carried out in an open pipe trench in accordance with DVGW regulations.

4. Maintenance and servicing

The Hawle ZAK-Press-FIT® is maintenance-free.

4.1 Spare parts

	
 <p>Locking ring for ZAK® sockets Item Nr. 616 000 0051 Ord.No. 616-03</p>	 <p>O-Ring 38,0 x 4,0 for ZAK® 46 Item Nr. 006 160 0055</p>

* Brass/red brass components > 0.1% lead acc. to Regulation (EU) No. 1907/2006 (REACH Regulation)

If you have any other questions or if you need more information please contact:

Hawle Armaturen GmbH - Application Engineering - Liegnitzer Str. 6 D-83395 Freilassing
Phone: +49 (0)8654 6303-0 Telefax: +49 (0)8654 6303-222 E-Mail: info@hawle.de Web: www.hawle.de