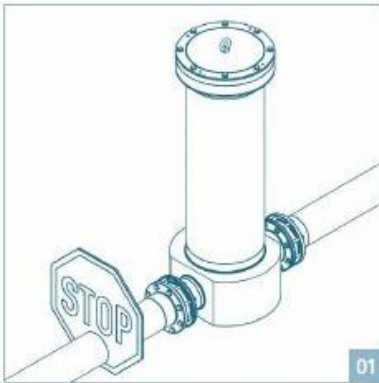


# OPERATING INSTRUCTION

## Quick PIG Station

### Part 1: Insert pig and start pigging process

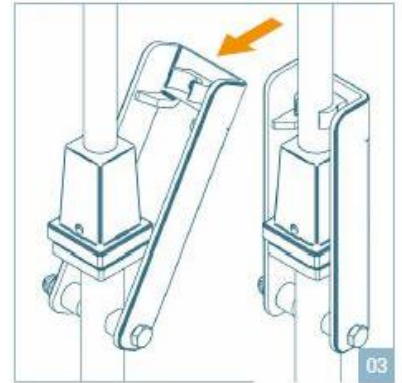
This part of the operating instructions applies to pig inserts without and with the shown Storz coupling.



Depressurize pipeline before you can start pigging.



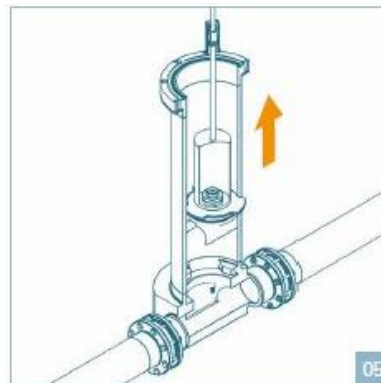
Remove flange cover at Quick Pig Station.



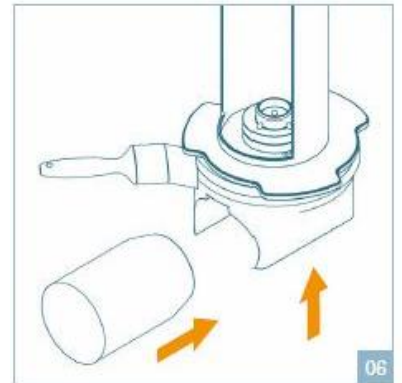
Apply underground hydrant wrench (DIN 3223C) and fix insert with locking device.



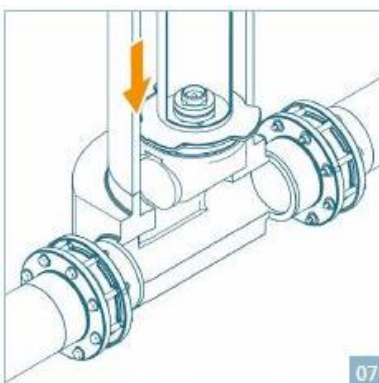
Turn wrench counter-clockwise by 60° as far as it will go.



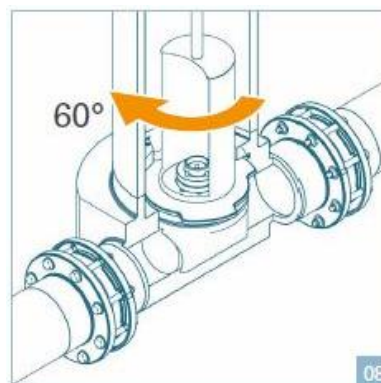
Remove pig insert from Quick Pig Station. Clean both pigging shaft and insert if required. Check insert for damages.



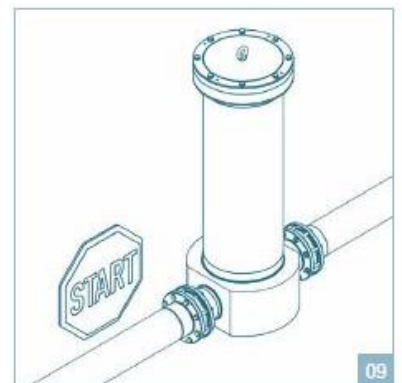
Apply lubricant to gasket at pig insert. Insert pig from the side or from the bottom.  
Do you flush the pipeline via Storz connection? If so, please refer to "Part 2 - Storz coupling"



Reinstall pig insert into Quick Pig Station. The top of the pig must show into flow direction. Press down pig insert beyond gasket.



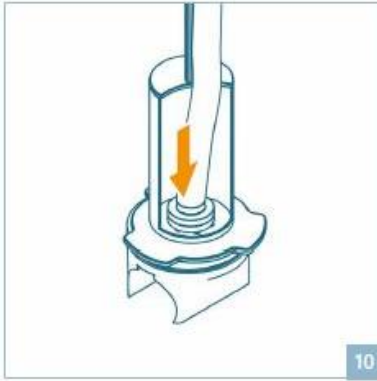
If the pig insert is in the correct position it can be turned. Turn insert by 60° as far as possible. Check by means of a tensile test if the insert is properly locked.



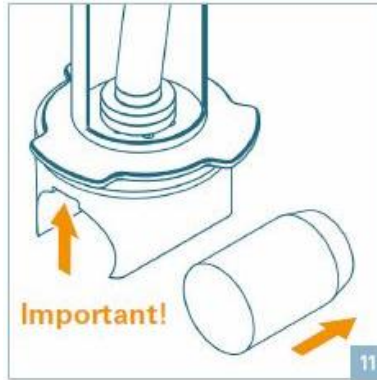
The pipeline can be pigged now. For this purpose pressurize pipeline again.  
For information regarding the pig receiver unit please refer to Part 3.

## Part 2: Storz coupling

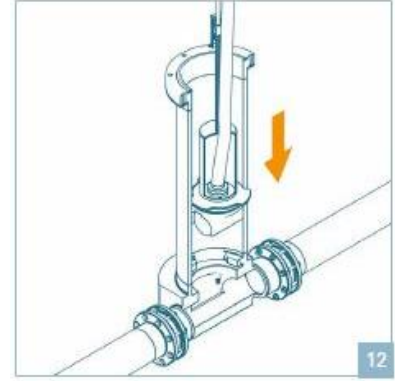
You can flush, bleed and inspect your pipeline for deposits via the Storz coupling. Prior to flushing, please adhere to points 1-6 in part 1 of these Operating Instructions.



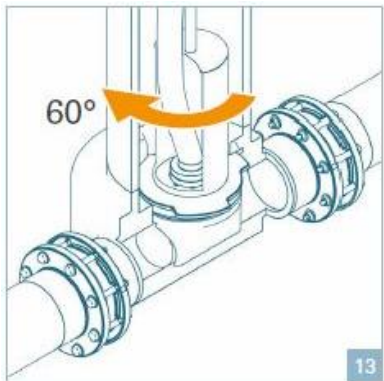
For flushing or pigging via Storz coupling remove blind cap. After this connect a suitable hose to the Storz coupling in the pig insert.



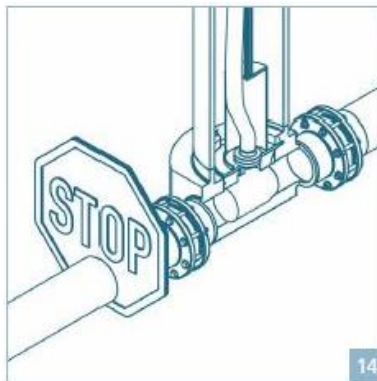
The opening of the insert must show opposite to the pig direction. During the pigging process the top of the pig must show into flow direction.



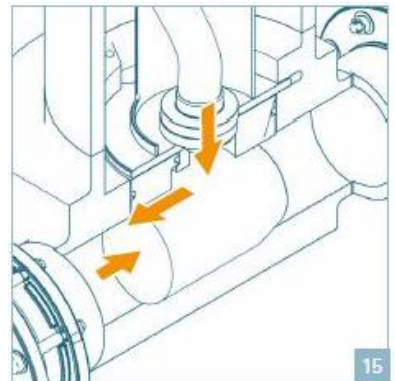
Apply lubricant to the gasket at pig insert as described in picture 6. Reinstall pig insert into Quick Pig Station.



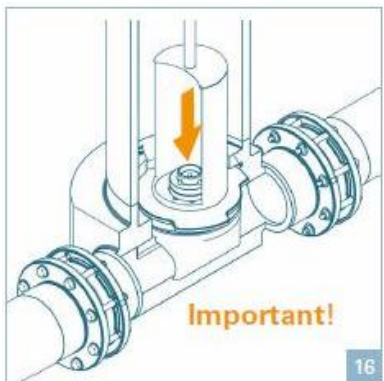
Press down pig insert beyond gasket. Then turn insert by 60° as far as possible.



Advice: The valve must be opposite to pig direction and be closed.



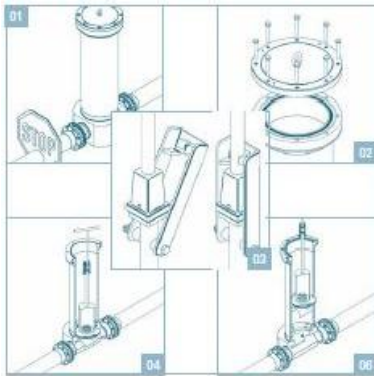
Now pump water into Quick Pig Station. The water flows behind the pig and fills the space between pig and valve. The generated pressure drives the pig through the pipeline.



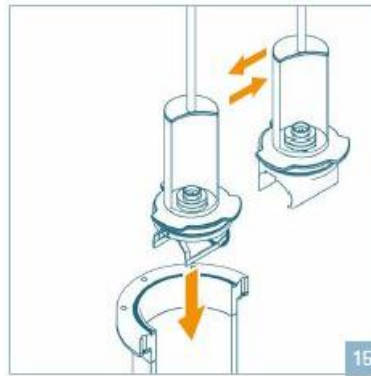
After pigging the blind cap must be mounted to the Storz coupling again.

### Part 3: Pig receiver unit

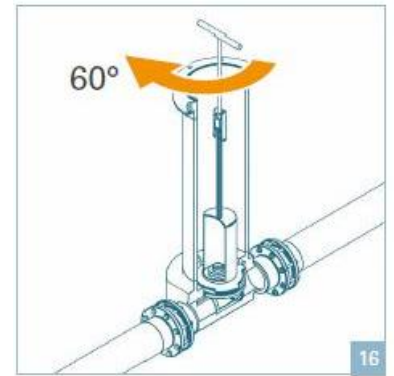
With the pig receiver unit you can easily remove the launched pig from the pigged pipeline. A precondition, however, is a second identical Quick Pig Station in the same pipeline.



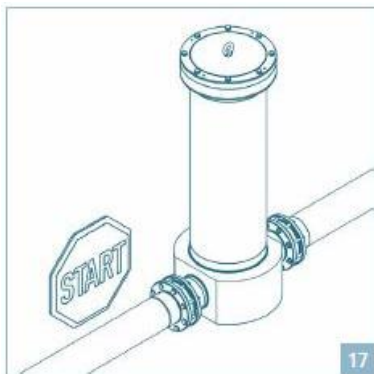
First follow points 1-5 Part 1 of the Operating Instructions.



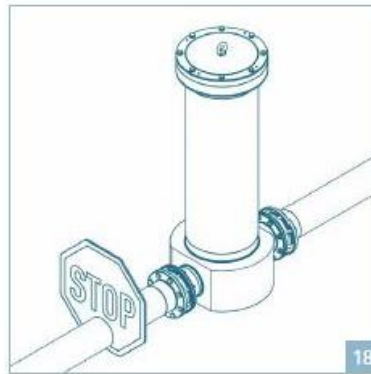
After having removed the pig insert install pig receiver unit into Quick Pig Station. The top of the pig-receiver unit must show into flow direction.



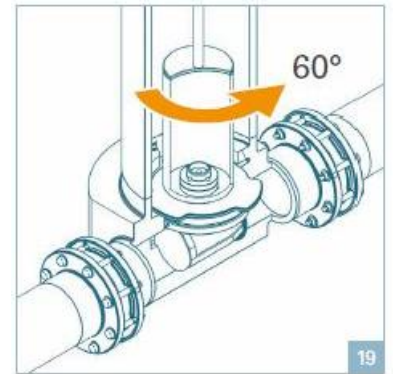
Press down pig receiver until beyond gasket. Then turn insert 60° as far as possible.



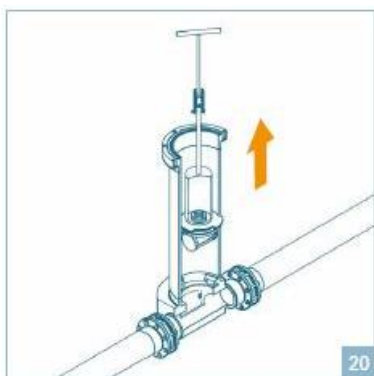
The pipeline can be pigged now. For this purpose pressurize pipeline again. You will notice at the insert steel rod system and from the sound when the pig has been caught.



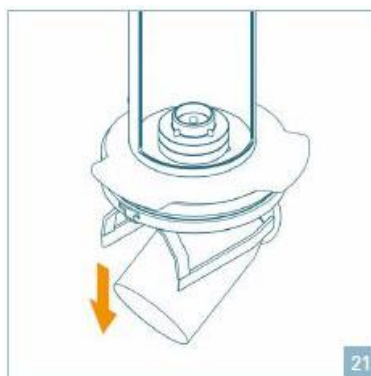
Depressurize pipeline.



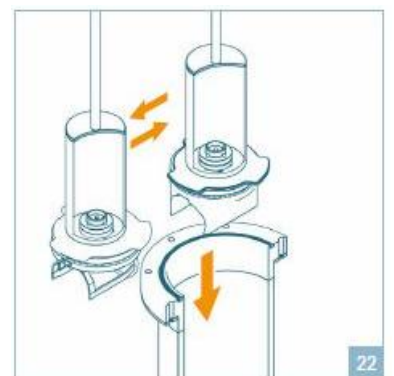
In order to remove the pig turn wrench by 60° counter-clockwise as far as possible.



Pull pig insert out of Quick Pig Station.



Check if the pig was received in the receiving basket. If not, repeat steps 15-20. Remove the received pig from the device.



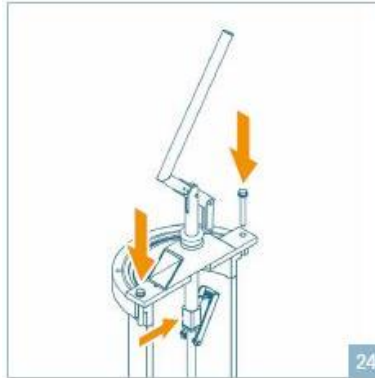
Important !! After the pigging process the receiver unit must be exchanged against the standard pig insert unit.

#### Part 4: The lever

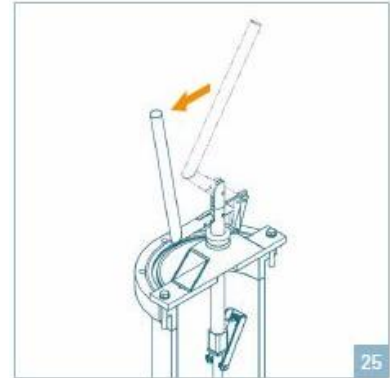
The lever facilitates pressing down the pig into the station.



Before applying the lever remove the flange cover and the O-ring gasket.



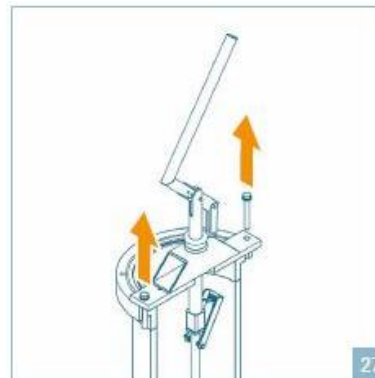
Apply lever to rectangular connection at pig insert respectively receiver unit. Fix lever to Quick Pig Station using screws of cover.



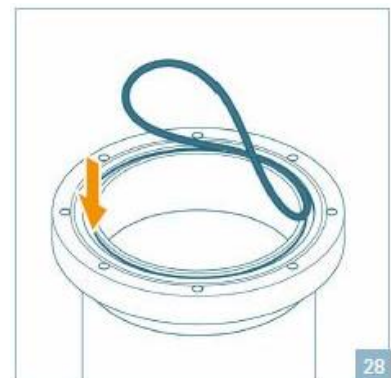
Move lever in such a way that the pig insert moves downward.



If the pig insert is in the correct position the lever can be turned clockwise by 60°. Then the pig insert or pig receiver unit is properly locked.



Remove screws and take lever from the Quick Pig Station.



Reinstall O-ring gasket. Then screw flange cover to Quick Pig Station again.