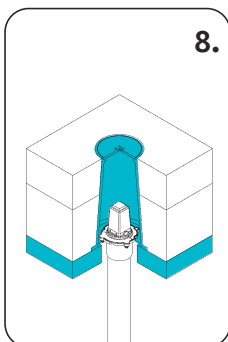
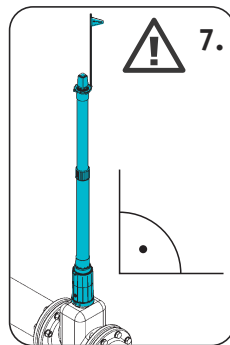
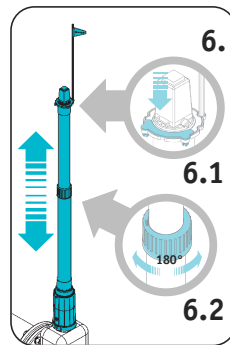
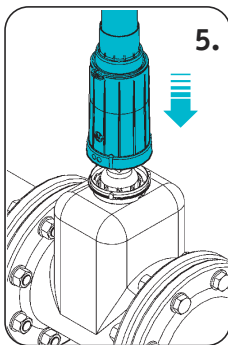
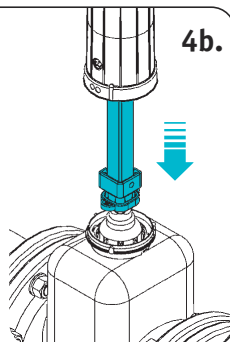
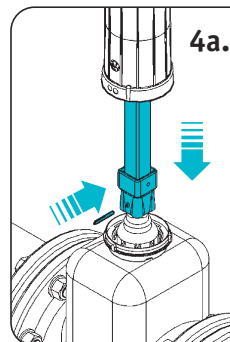
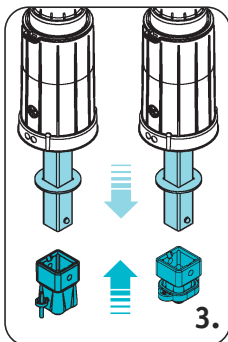
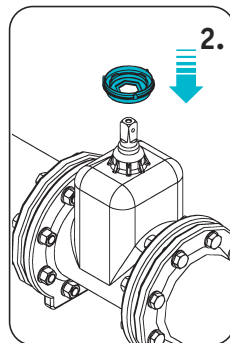
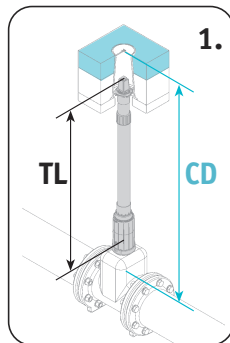


# KETTLER Telescopic System



# KIT

## without coupling modules

**Tools required:**  
 Hammer  
 KIT dismantling tool  
 (for disassembling  
 spring connection  
 pieces if necessary)



### Assembling steps

1. Match total length of spindle extension (TL) with required cover depth (CD) and verify nominal valve size.
2. Mount matching dirt disk on valve.
3. Pull spindle extension rod about 10,0 cm out of protective tube.  
**When assembling KIT with one or more coupling modules, please see installation instructions KIT with coupling modules.**  
 Attach coupling socket or Duplex-Coupling socket to the rod and verify, that spring connection pieces successfully snapped into the coupling socket's designated bore holes.
- 4a. **Installation: Coupling socket**  
 (If necessary remove the valve's operating element first.)  
 Mount telescopic spindle extension rod with coupling socket on valve spindle, aligning bore holes of coupling socket and valve spindle. Use bolt to connect valve spindle and coupling socket.
- 4b. **Installation: Duplex-Coupling socket**  
 (If necessary remove the valve's operating element first.)  
 Double-handedly mount telescopic spindle extension rod with Duplex-Coupling socket on valve spindle, aligning bolts of spring system and valve spindle, snapping bolts into place. Check for tight fit.
5. Connect bell tube to dirt disk, by aligning lobes and latching them audibly.
6. Adjust telescope manually to the required length and extend marking flag
  - 6.1 If necessary attach marking-clip to the operating head.
  - 6.2 By turning the locking ring (max. 180°) an unintentional drop of the telescope can be prevented without loss of telescopic benefits.
7.  Align telescopic spindle extension axial to the valve spindle and backfill with appropriate filling material (preferably compactable soil)
8.  During installation of the surface box, be sure to leave sufficient space for the operating element.