# **FEHLING** INSTRUMENTS

#### ASSEMBLY INSTRUCTIONS

## CALIPER FOR AORTIC VALVE CUSPS (MSS-1V, MSS-2V and MSS-3)

#### 1 Disassembly

For cleaning, the three components of the caliper (instrument body, slider and socket) must be disassembled.



a) Turn the socket counterclockwise until it comes off the thread of the body and then remove it.



- b) Pull the slider toward the working end and out of the body.
- c) Now the instrument is disassembled and can be cleaned. Place all three components in a receptacle for cleaning.

#### 2 Assembly

- a) Hold the body in such way that the working end points upward, and hold the slider in such way that its working end points downward. Push the slider in this position through the working end of the body fully into the body (final position).
- b) Insert the slider end laterally into the recess of the socket so that the components interlock with each other. Now push the socket slightly toward the working end and turn it clockwise fully on the thread of the body.
- c) The instrument is completely assembled. Check its function before use. To do so turn the socket counterclockwise. The instrument is properly assembled when

the slider moves downward when the socket is turned. If the slider does not move it is not interlocked with the socket and the instrument will not work. In this case, you must reassemble the instrument as described in point 2.



Working end in

final position



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#### 3 Assembly of the lock nut ZDS-6

To secure the measuring result the lock nut ZDS-6 can be assembled optionally. Assembly and use are described as follows:

Remove the socket from the body and turn the lock nut fully on the thread of the body.

Assemble the socket again as described in point 2.

After finalized measuring turn the lock nut fully against the socket. Thereby the socket cannot be turned further and the measuring result is fixed.

