



**1. Intended use / Product description**

**Medium:** Water / Gas / Sewage

**Material:** Round threaded cover: GJL-250, Hawle epoxy powder coated  
 Spindle head and coupling socket: stainless steel ( coupling socket DN200: red brass )  
 Hollow top spindle and spindle shaft: stainless steel  
 Inner and outer protecting tube: PE-HD  
 Adapter piece: PAGF50



Hawle extension spindles of stainless steel serve to operate Hawle shut-off valves in the field of underground pipeline construction. Telescopic extension spindles permit the continuous adaptation to the existing pipe cover depth (area of application see table Internet ). The universal DN50-150 coupling sleeve system can be adapted to the respective fitting using the glass fibre-reinforced adapter pieces.

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.

**Accessoires:**

		
 <p><b>204-00</b>                      Universal base plate for surface boxes for gate valves and valves</p>	 <p><b>950-01</b>                      Extension of extension spindle</p>	 <p><b>341-00</b>                      Operating key acc. to DIN 3223</p>
		
 <p><b>901-00</b>                      Indicator plates for extension spindles</p>	 <p><b>903-00</b>                      Operating lock for Hawle extension spindles</p>	 <p><b>903-01</b>                      Operating adaptor for operating lock</p>



## 2. Assembly

### 2.1 Adapter pieces

Use the adapter pieces size 1: 17-15 or size 2: 19-17 in accordance with the illustrations for the specified fittings, depending on the nominal width and design.



**Use for:**  
Gate valve E2/E3  
DN50  
Sewage water  
gate valve  
DN80-100



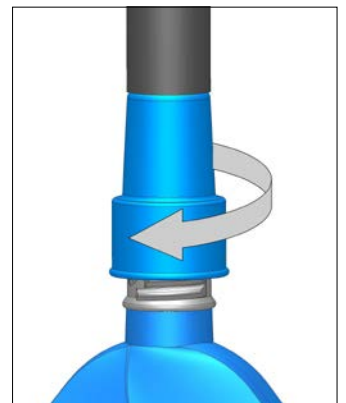
**Use for:**  
Gate valve E2/E3  
DN65-80  
Sewage water  
gate valve  
DN125-150



**Use for:**  
Gate valve E2/E3  
DN100-150  
Sewage water  
gate valve  
DN200  
PRO butterfly valve  
DN150-600

### 2.2 Installing the extension spindle

- Screw the extension spindle clockwise onto the round thread' of the shut-off valve using the round threaded bell of the shut-off fitting hand-tight and completely. At the same time, the extension spindle is installed vertically.
- Additional pinning of the coupling socket of the extension spindle and spindle of the shut-off valve is therefore not necessary.
- Backfill the shut-off valve with the extension spindle fitted. Ensure that the push and protective pipe made of PE-HD is not deformed. For backfilling, we recommend compactable sand or suitable compactable material - in the same way as for the shut-off valve. Careful backfilling in layers is the only way to ensure that the extension spindle functions properly. Particularly with cohesive soils, it is important to ensure correct sanding or backfilling in order to achieve frost resistance.



- To prevent the spanner square of the extension spindle from dropping, we recommend using the extension spindle in combination with the Hawle universal support plate for gate and valve caps, order no. 204-00 (see accessories).

The base plate and surface box are installed centred around the actuating square of the extension spindle and the support wings of the extension spindle are hooked into the base plate. The necessary street level and sufficient distance between the upper edge of the square actuator and the lower edge of the cover of the surface box must be taken into account (min. 90 mm see W363).

The manufacturer's installation instructions must be observed.

### 2.3 Extension of extension spindle Ord.No. 950-01 ( see accessoires )

The extension spindle is extended between the gate valve and the Tele-EBG. To do this, the extension of extension spindle, order no. 950-01, is screwed clockwise onto the round thread (round thread adapter) of the shut-off valve using a round thread bell. Additional pinning of the coupling sleeve and spindle is therefore not necessary.

The matching version of extension spindle order no. 952-00 can then be screwed onto the round thread of the extension of extension spindle.

Suitable for extension spindle DN 50 - DN 200.

See separate operating instructions!

### 2.4 Extension of extension spindle Ord.No. 952-01 ( see accessoires )

Extension for extension spindle for telescopic extension spindle for shut-off valves order no. 950-00 and 952-00. For use in new builds and refurbishments to extend the planned extension spindle. The extension of the extension spindle is carried out above the telescopic extension spindle. To do this, the extension spindle is attached to the bearing wings of the telescopic extension spindle. Additional pinning of the coupling sleeve and spindle is therefore not necessary.

Suitable for extension spindle DN 50 - DN 200.

See separate operating instructions!

### 2.5 Operating key Ord. No. 341-00 ( see accessoires )

An operating key acc. to DIN 3223, e.g. order no. 341-00, is suitable for actuation. Extensions are not permitted.

### 2.6 Indicator plates Ord.No. 901-00 ( see accessoires )

Hinweisschilder dienen zur Kennzeichnung von Einbaugarnituren in der Straßenkappe. Die Hinweisschilder werden unter dem Betätigungsvierkant eingeklipst.

Information plates are used for labelling extension spindles in the road cap. The information plates are clipped in under the actuating square.



Symbol image

### 2.7 Operating lock for Hawle extension spindles Ord.No. 903-00 ( see accessoires )

Hawle operating locks prevent Hawle extension spindles from being operated with conventional operating keys to DIN 3223 order no. 341-00.

For installation, the operating lock is pushed firmly onto the actuation square of the extension spindle using manual force.

**NOTE:** Non-destructive disassembly of the operating lock is no longer possible afterwards!

To actuate the extension spindles, the operating adapter order no. 903-01 is required after the operating lock has been fitted!

operating adapter

operating lock



Subject to change

### **3. Commissioning/Pressure test**

After backfilling, a functional check of the extension spindle must be carried out.

### **4. Maintenance and servicing**

The Hawle telescopic extension spindle is maintenance-free.

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

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