



1. Intended use / Product description

Medium: Potable Water / Gas / Municipal Sewage

Material: Round threaded cover (DN50-200): GJL-250,
Hawle epoxy powder coating
Plastic cover (DN250-600): PE
Spindle head and coupling box: GJS-400, galvanized
Hollow top spindle and spindle shaft: Stahl, galvanized
Inner and outer protecting tube: PE-HD

Extension spindles serve to operate shut-off valves in the field of buried pipeline construction. Telescopic extension spindles allow the continuous adaptation to the existing pipe cover depth.

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.

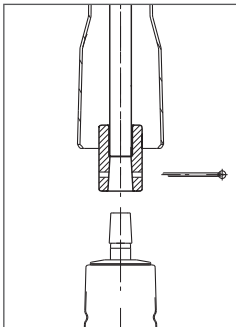
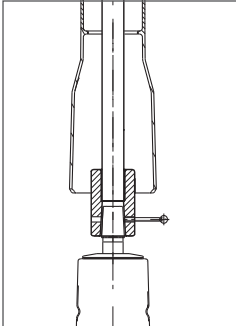
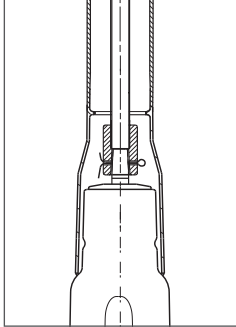


Accessoires:

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



2. Assembly

Telescopic extension spindle with round threaded cover DN50-200	Telescopic extension spindle with plastic cover DN250-DN600	
<ul style="list-style-type: none"> • Screw the extension spindle with round threaded cover clockwise all the way down onto the round thread of the shut-off valve and fasten it finger-tight. In the process, the extension spindle is installed perpendicularly. • Therefore, no additional pinning of the coupling box of the extension spindle and the spindle of the shut-off valve is needed. 	<ul style="list-style-type: none"> • Fasten the extension spindle with plastic cover on the valve spindle using a stainless-steel cotter pin: 	
	<ul style="list-style-type: none"> • Push back the protection jacket • Remove the cotter pin • Do not pull the operating rod with coupling box fully out of the protection jacket 	
	<ul style="list-style-type: none"> • Put the operating rod with coupling box onto the spindle square • Mount the cotter pin 	
	<ul style="list-style-type: none"> • Put the protection jacket onto the gate valve • Make sure that the assembly is installed perpendicularly (alignment)! • Use only manual force to bring the extension spindle to the desired installation height 	

Telescopic extension spindle with round threaded cover DN50-200	Telescopic extension spindle with plastic cover DN250-DN600
<ul style="list-style-type: none"> • Backfill the shut-off valve with installed extension spindle. Make sure not to deform the inner and outer protecting tube of PE-HD. For backfilling, we recommend using compactable sand or other compactable material - analog to the one used for the shut-off valve. Only careful backfilling in layers will ensure a proper functioning of the extension spindle. Especially in case of cohesive soils, the correct backfilling with sand or other material is paramount to ensure frost resistance. 	
<ul style="list-style-type: none"> • To prevent the key square of the extension spindle from subsiding, we recommend using the extension spindle in combination with the Hawle universal base plate for surface boxes for gate valves and valves Ord. No. 204-00 (see accessories). The base plate and surface box are installed centrally around the operating square of the extension spindle. The required road level and a sufficient clearance between the upper edge of the operating square and the lower edge of the surface box cover must be considered (min. 90 mm). The respective installation instructions of the manufacturers must be observed. 	
<ul style="list-style-type: none"> • The two retaining brackets of the extension spindle are fit into the recesses of the base plate (DN50-200) or placed on them (DN250-600). 	

2.1 Extension of extension spindle Ord. No. 950-01 (see accessories)

The extension of the extension spindle is effected between the gate valve and the telescopic extension spindle. To this end, the extension of the extension spindle Ord. No. 950-01 is screwed clockwise onto the round thread (round thread adaptor) of the shut-off valve using the round threaded cover. No additional pinning of the coupling box and the spindle is required.

Then, the suitable version of the extension spindle Ord. No. 952-00 can be screwed onto the round thread of the extension of the extension spindle.

Suitable for extension spindles DN 50 - DN 200.

See separate operating instructions!

2.2 Extension of extension spindle Ord. No. 952-01 (see accessories)

Extension of extension spindle for telescopic extension spindle for shut-off valves Ord. No. 950-00 and 952-00. Used for new construction and rehabilitation to extend the planned extension spindle.

The extension of the extension spindle is effected above the telescopic extension spindle. To this end, the extension of the extension spindle is pushed onto the bearing wings of the telescopic extension spindle. Therefore, no additional pinning of the coupling box and the spindle is required.

Suitable for extension spindles DN 50 - DN 200. See separate operating instructions!

2.3 Operating key Ord. No. 341-00 (see accessories)

For operation, operating keys acc. to DIN 3223 are suitable, e.g. Ord. No. 341-00. Extensions are not allowed.

2.4 Indicator plates Ord. No. 901-00 (see accessories)

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



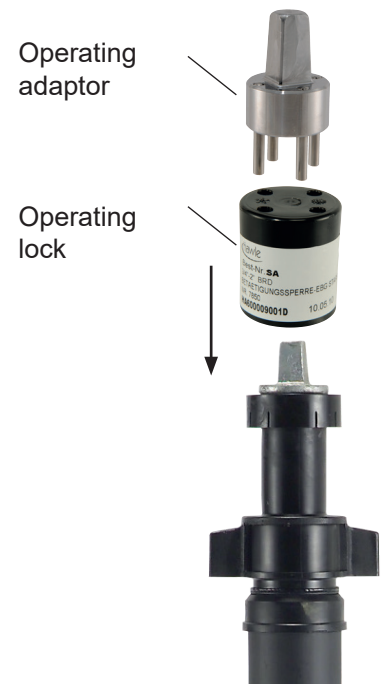
2.5 Operating lock Ord. No. 903-00 (see accessories)

Hawle operating locks prevent the operation of Hawle extension spindles by means of conventional operating keys acc. to DIN 3223 Ord. No. 341-00.

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

NOTE: Afterwards, the operating lock cannot be dismantled without destroying it!

After installation of the operating lock, operating adaptor Ord. No. 903-01 is required for operating the extension spindle!



3. Commissioning/Pressure test

After backfilling, the extension spindle must be subjected to a function test.

4. Maintenance and servicing

The telescopic extension spindle does not need any maintenance.

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

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