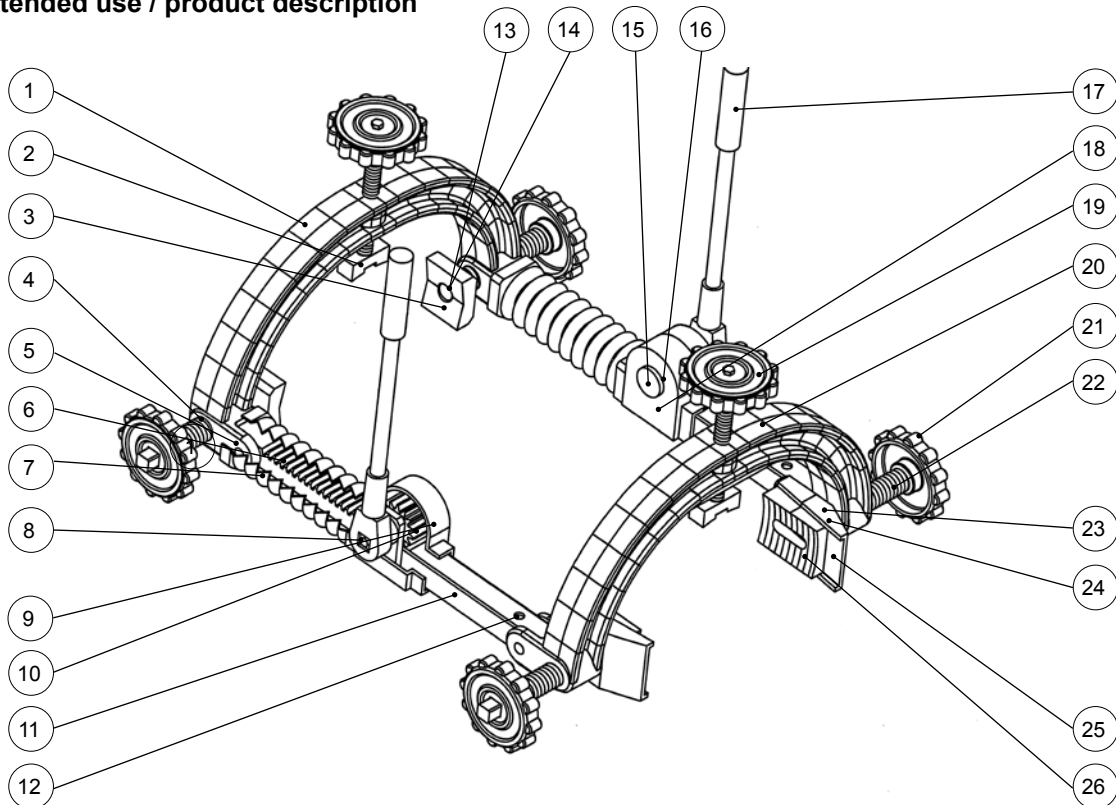


## 1. Intended use / product description



Item	Pcs	Designation	Material	Item	Pcs.	Designation	Material
1	2	Clamping bracket	GJS-400	14	2	Washer	Stainless steel
2	2	V-block	Stainless steel	15	2	Woodruff key	Steel
3	2	Socket jaw	GJS-400	16	2	Locking ring	Stainless steel
4	2	Expander bolt - socket	Stainless steel	17	2	Drive ratchet	Steel
5	4	Straight pin	Stainless steel	18	1	Gear wheel cover, spindle side	EPDM
6	2	Driving rack	Steel	19	2	Adjusting spindle with handwheel	Steel, galvanised
7	2	Bellows	NBR	20	1	Clamping bracket - pipe	GJS-400
8	2	Drive spindle	Stainless steel	21	4	Handwheel	PA
9	1	Gear wheel cover, closed	EPDM	22	2	Expander bolt - pipe	Stainless steel
10	2	Driving toothed wheel	Steel	23	2	Set screw	Steel, galvanised
11	2	Section tube / spindle bearing	Steel	24	2	O-ring	EPDM
12	2	Threaded pin	Stainless steel	25	2	Pipe clamping guide shoe	Steel
13	2	Oval-head screw	Stainless steel	26	2	Pipe clamping guide block	GJS-400

The installation and dismantling device is used for the installation and/or dismantling of pipes, gate valves, or pipe fittings DN80 - DN200 in BAIO® sockets.

Two clamping brackets are connected via a toothed rack and can be moved together and/or apart by means of force deflection via a toothed wheel and ratchet.

The low weight ensures easy handling.

When using the device, the applicable standards and regulations, accident prevention regulations, as well as the trade associations' provisions must be observed and complied with.

The installation and dismantling of pipes in BAIO® sockets may be performed by skilled personnel only.

## Accessories:

	 <p>Adaptor with corundum for PE and PVC pipe Art. No. 849 000 0008 Important: 2 units required!</p>
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## 2. Installation and dismantling

1. Before installation, properly grease the socket seal!
2. Pull the installation device apart (for dismantling: push it together).
3. Put the installation device onto the pipe / pipe fitting / gate valve from above in such a way that the socket jaws (3) are situated behind the socket (dismantling: in front of the socket).
4. Set the installation device to the respective nominal width using the adjusting spindles (19). The socket jaws (3) and the pipe clamping guide blocks (26) should be placed approximately on the longitudinal axis of the pipe / pipe fitting / gate valve.  
**Important:** When applied with PE or PVC pipes, make sure to use the adaptor with corundum Ord. No. 849 000 0008 which is pushed over the pipe clamping guide block (26).
5. Set the two pipe clamping guide shoe (25) to "installation" ("dismantling") while moving the pipe clamping guide blocks (26) in such a way that the pipe clamping guide shoe (25) still has sufficient adjustment range.
6. Use the handwheel to tighten each of the two expander bolts socket (4) and expander bolts pipe (22) hand-tight.
7. Put the supplied drive ratchets (17) onto the drive spindle (8) and push the pipe / pipe fitting / gate valve into the socket (dismantling: pull it out of the socket) with steady movements.
8. Loosen the socket jaw and pipe clamping guide block (3 and 26) and remove the installation device.

## 3. Commissioning and pressure testing

No special instructions are needed for the commissioning and pressure testing of the Hawle installation and dismantling device.

## 4. Servicing and maintenance

Before using the device, check the socket jaws and the optional adaptor with corundum for wear.

### 4.1 Spare parts

		
<p>Socket jaw (Pcs. 3) Ord.No. 849 000 0014</p>	<p>Drive ratchet (Pcs. 17) Ord.No. 831 700 0400</p>	<p>Pipe clamping guide shoe (Pcs. 25) Ord.No. 849 000 0011</p>
		
<p>Gear wheel cover, closed (Pcs. 9) Ord.No. 849 000 0034</p>	<p>Gear wheel cover, spindle side (Pcs. 18) Ord.No. 849 000 0035</p>	<p>Bellows Ord.No. 849 000 0033 (Pcs. 7) with 3 pcs. cable tie Ord.No. 100 051</p>

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

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