Operating and maintenance instructions for

Strap-type HAKU pipe saddle with female thread outlet Ord.No. 525-02

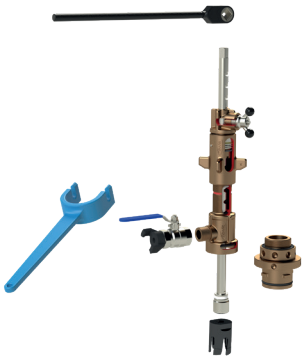
1. Intended use / product description

Medium:	Potable water / Sewage water
Max. operating temperature:	Potable water / Sewage water: 0° - 40°
Max. operating pressure:	Potable water / Sewage water: 16 bar
Material:	Body: GJS-400, Hawle epoxy powder coating Gaskets: EPDM acc. to DVGW W 270 Strap: stainless steel with rubber pad (EPDM) Threaded bolts/nuts: stainless steel

Strap-type HAKU pipe saddle with female thread outlet are to be used for mounting on PE pipes PE 80 and PE 100 (EN 12201, DIN 8074) and PVC pipes (DIN EN ISO 1452-2). The tapping bridge consists of a cast body with a wide bearing surface (120 mm), a strap (width 90 mm) made of stainless steel and a rubber pad.
The female threaded outlet according to DIN ISO 228-1 is used in combination with fittings to connect house connection pipes.
In combination with the shut-off adaptor Ord. no. 372-00 and a pipe drilling device, e.g. Hawle pipe drilling device HAWLOMAT Ord. no. 830-00, problem-free drilling of the main line is also possible in the operating state (see accessories).

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.

Accesoires:

	
830-00 Pipe drilling device „Hawlomat“	372-00 Shut-off adaptor with threaded outlet

2. Assembly

	Open-ended wrench, torque wrench

1. The surface of the pipe must be free from dirt, soil, or grease, and the pipe has to be cleaned accordingly.

2. Place the HAKU shut-off saddle at the desired position.

3. Shape the strap to the pipe diameter and fix it to one side of the clamp body. Guide the bracket through the second fastening hole and mount it using the ball washers and nuts supplied. nuts.

4. The nuts must be tightened alternately with a torque of 60 Nm (max. 70 Nm).

5. Drill the pipe using the HAWLE drilling device.
   Observe the relevant operating instructions.

3. Commissioning and pressure-testing

After the successful installation, the device has to be subjected to pressure testing in the open trench considering the maximum operating pressures as specified in the DVGW regulations.

4. Servicing and maintenance

Hawle HAKU pipe saddles do not require any maintenance.

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

Hawle Armaturen GmbH
- Application Engineering -
Liegnitzer Str. 6
83395 Freilassing
Telephone: +49 (0)8654 6303-0
Telefax: +49 (0)8654 6303-222
E-Mail: info@hawle.de
Internet: www.hawle.de