

BROEN-LAB

General Instructions Ceramic Headworks

These instructions describe how to service BROEN-LAB fittings for water. There are 2 types of BROEN-LAB headworks for domestic water: ceramic headworks and rubber headworks.

BROEN-LAB's spare part headwork for water (No. 19 760 000) can be used for all BROEN-LAB valves manufactured after 1958. It is a ceramic headwork with 3 adapters. This spare part set fits into all water valves with rubber or ceramic headworks.

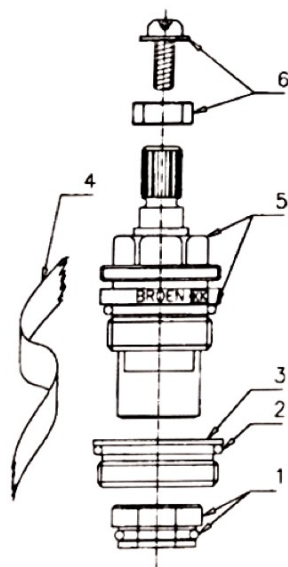
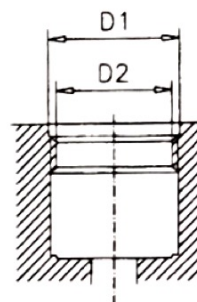
Instructions:

- Turn off the main water supply (turn the built-in BALLOFIX of the corresponding models).
- Using a small screwdriver you lift up the button in the top of the handle. Unscrew the clamping screw and remove the washer and handle.
- Or unscrew the handle fixing nut by using a spanner (older models).
- Using a spanner you unscrew the headwork.
- Some models have a separate seat (rubber or plastic). Remove this seat carefully without damaging the inner surface of the valve.
- Clean the seat area of the valve VERY carefully.

The spare part headwork can now be mounted.

Measure the two dimensions shown on the cut-away-drawing.

Dimension D1	Dimension D2	Use part No.	Comments:
$\varnothing 22,8 + 1 \times 45^\circ$	$\varnothing 22,8 \pm 0,2$	1, 3, 4, 5	Very old models
$\varnothing 24,9 \pm 0,2$	$\varnothing 22,8 \pm 0,2$	1, 2, 3, 5	Until approx. 1997
$\varnothing 21,5 \pm 0,2$	$\varnothing 19,0 \pm 0,2$	5	From approx. 1997



- 1: Seat with o-ring. Insert the seat and o-ring with the o-ring pointing forward.
- 2: O-ring for thread adapter. Fit it into the tread adapter (No. 3).
- 3: Thread adapter. M24 to G1/2" adapter for older valve housings.
- 4: Teflon tape or similar (not included). Use teflon tape to seal the tread adapter (very old models).
- 5: Ceramic headwork. Screw in the headwork by using a spanner 17mm AF.
- 6: Adapter ring and long screw. Older handles are a little too long for the new headwork. If necessary use the ring to lift the handle.

Remount the handle and button in reverse order. Turn on the main water supply and test the valve.

Special instructions for valves with elbow lever:

- Mixers: Spare part No: 19 852.009 for cold water (right turn open function).
Spare part No: 19 853.009 for hot water (left turn open function).
- Single valves: Spare part No: 19 853.009 (left turn open function).
- Please state colour of the handle and the screw when ordering.

These spare part sets include a ceramic headwork, a special screw and 3 adapters. Dismount screw, spring, handle, ring and cap. Change headwork as described above. Remount cap, ring, handle and spring by means of the new screw. Turn on the main water supply and test the valve.

