

Operation Manual

Replacement of the element for SFB

Read this manual carefully before operating the products.

Refer to the drawings or the catalogs or the product materials for construction, specifications, etc. of the product.

This manual is subject to change without prior notice.

1. Remove the product from piping line.

In order to avoid dirt in the piping line, reduce the pressure in the piping to zero and remove the piping line before replacing the element.

2. Disassemble the product. (Fig. 1.)

Make sure that the replacement does not contaminate the piping line or clean room.

- 1) Loosen the Hexagon socket head screw of the cover. Be careful not to lose the screw.
- 2) Loosen the cover and remove it from the case.
- 3) Pull the element out of the case.
- 4) Dispose of the element and the O-ring.

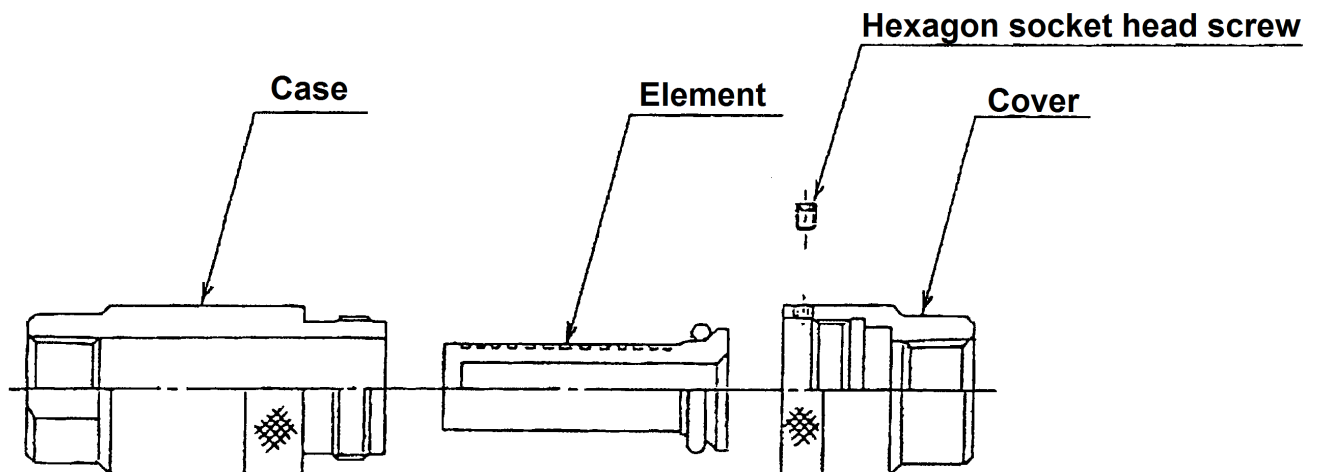


Fig. 1

3. Clean the parts.

Parts other than the disassembled element shall be cleaned with ultrasonic and DI water in a clean environment. Make sure that particles will not flow to the secondary side whilst cleaning the case or cover.

4. Use dust-free gloves when reassembling.

- 1) Take the new element out of the sealed bag and confirm that O-ring is attached to the element.
Do not touch the filter material of the element.
- 2) Insert the element to the case. Ensure the element does not come into contact with the case corner.
- 3) Screw the cover into the case.
- 4) Tighten the set screw to the cover.

5. Repiping and line flashing

Before operating, reconnect the piping and flush the line.

6. Connections

6-1: TSJ1/4

To replace the element, hand tighten the nut then tighten the nut using a spanner for 1/4 to 1/2 turn. Fig. 3 shows the cross section when parts are correctly set.

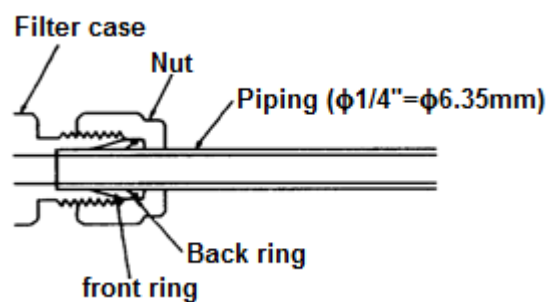


Fig. 3: TSJ fitting

6-2: UOJ1/4

During the tightening for assembling the new element, make sure that the O-ring is present and there are no scratches on the O-ring. Fig. 4 shows the cross section when parts are set.

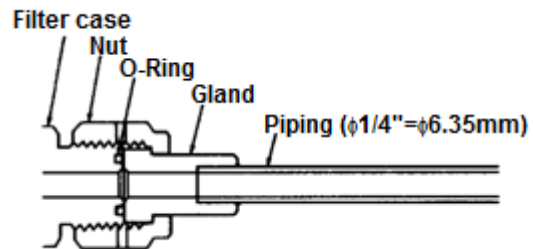


Fig. 4: UOJ fitting