



WARNINGS!

⊗ **Avoid contaminating the system.** In this way, we avoid the waste inclusion that can damage the sealing elements. Contaminating the hydraulic fluid that leads to leakages and malfunctions.



If dirt enters in **Zone 1**, **internal sealing components can be damaged** (O-Ring, Back-up Ring)



Dirt is the main cause of a malfunction on this part of the coupling.



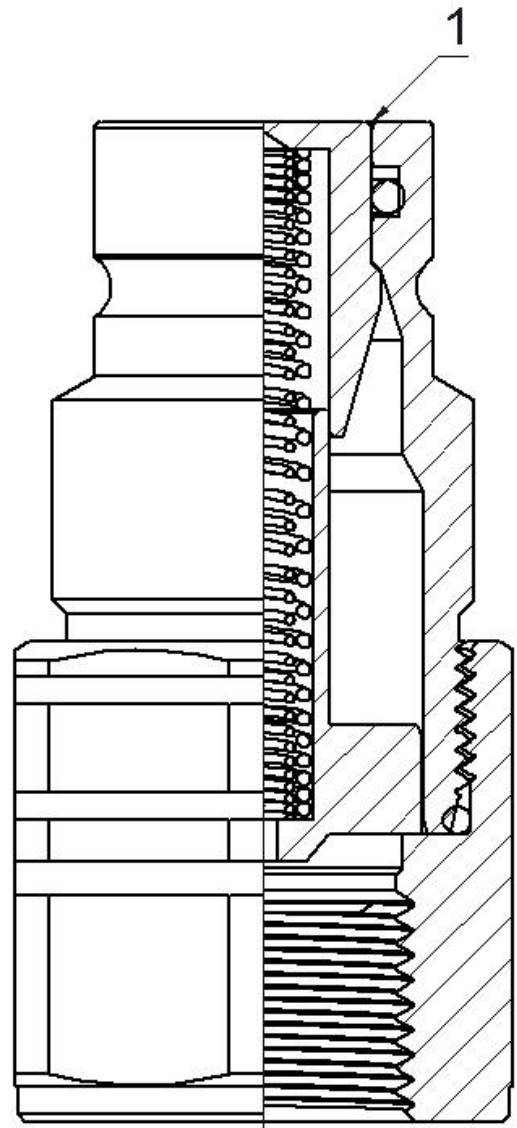
Recommendations...

- ✔ Before installing, **clean-up the hoses and pipes.**
 - ✔ Before connecting: **clean-up** carefully the flat faces either on male and female coupling.
 - ✔ While disconnecting: never leave the couplings on the ground, use **our dust caps/plugs** to protect from contaminating and external damages.
- ⊗ **Do not damage the flat side of the male coupling, Zone 1.** This can lead to damages on internal sealing components of the female half while connecting both parts.
- ⊗ **Do not overload the coupling.** Fix the hoses by flexible supports. 📌
- ⊗ **Avoid rotations** between both couplings male and female.



While connected it is difficult to detect leakages!

If the sealing components (O-Ring, Back-up Ring) of the male coupling are damaged, in most of the cases the leakage cannot be detected. While connecting, the damaged seal is exposed and leakages appear on the sleeves of the female coupling. Generally the female coupling as an individual element isn't damaged.



Do never use a SCREWDRIVER for moving the flat valves back, forcing the opening of these and relieve the residual pressure trapped in the circuit, running the risk to damage the seals by sliding on the smooth surface on the flat front.



WARNINGS!

⊗ **Avoid contaminating the system.** In this way, we avoid the waste inclusion that can damage the sealing elements. Contaminating the hydraulic fluid that leads to leakages and malfunctions.



If dirt enters in Zone 1, 2 or 3, following failures can appear:

1. **Male half and female half cannot be engaged.**
2. **Dirt can damage internal component 4.** When connected, female leaks.
3. **If dirt enters in Zone 5 it can affect the back movement of the sleeve what leads to an inappropriate connection between both halves.**
4. **Ensure pulling the sleeve totally down for a safety disconnection.**

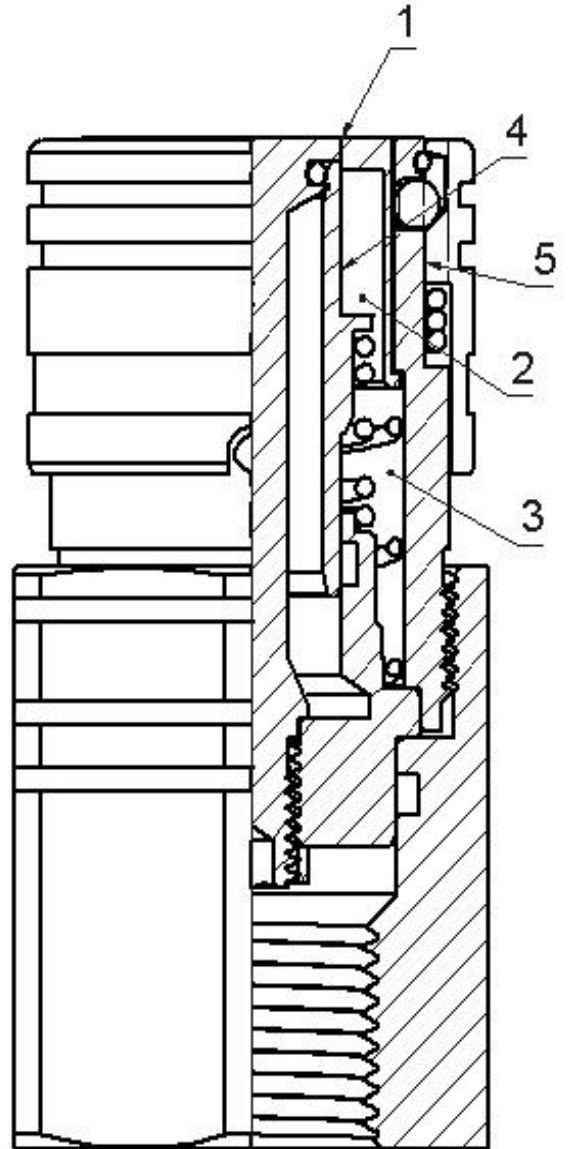


Dirt is the main cause of a malfunction on this part of the coupling.



Recommendations...

- ✔ Before installing, **clean-up the hoses and pipes.**
- ✔ Before connecting: **clean-up** carefully the flat faces either on male and female coupling.
- ✔ While disconnecting: never leave the couplings on the ground, use **our dust caps/plugs** to protect from contaminating and external damages.



Decompression...

If female coupling is pressurized and pressure cannot be relieved by a control unit, the decompression of the female coupling is not possible.

