

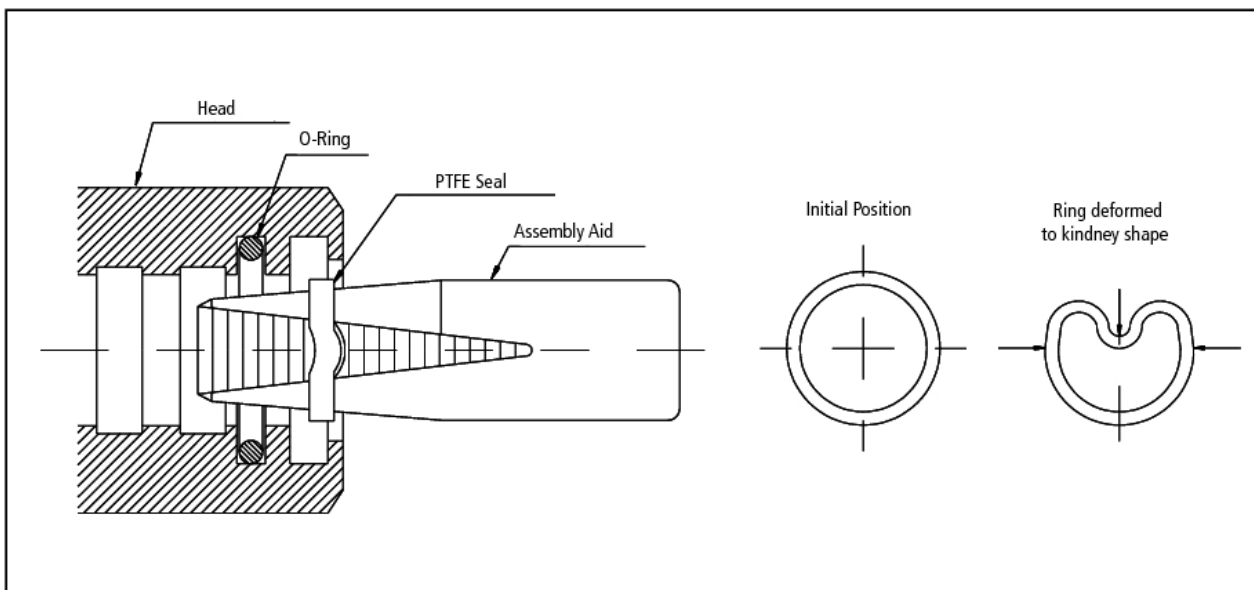
Guidelines for assembly of PTFE rod reals

To provide safe and proper assembly, please adhere to the company specified measurements, tolerances and surface areas strictly.

Initially the O-ring is inserted in the groove (for rod thicknesses up to 30 mm nominal diameter we recommend the use of axially accessible storing space).

The rod seal is now carefully bent to a kidney shape, inserted in the groove and resized with a suitable mandrel.

A metallic conical mandrel can also be used to deform the profile sealing ring. The mandrel contains a wedge shaped recess at the front end. A recess can be pre-cut into the ring. The ring can subsequently be inserted into the groove as specified above. Here, profile thickness must be resized even after removal of mandrel.



Storage of rubber products

(Also refer DIN 7716)

During storage, vulcanized rubber products tend to undergo a change in their physical characteristics subject to influence of oxygen, ozone, light, heat and/or moisture. Careless storage can damage rubber products leading to hardening, softening, cracks etc. which render the product useless. Careful compliance to the following suggestions can reduce the damage to rubber components providing improved life.

Temperature

Store room temperature may not exceed +25°C. Constant exposure to low temperatures (also below 0°C) does not harm rubber products. If rubber articles need to be taken out of the store room at sub zero temperatures, they should first be warmed to +20°C.

Oxygen - Ozone

Whenever possible, vulcanized rubber products must be protected from ambient environment using suitable packaging such as storage in air-tight foils. This specifically applies to rubber articles with larger surface area and volume. Ozone attacks rubber, therefore the storage room must never contain electrical equipment that promotes the generation of ozone.

Ambient Air

Humidity should be maintained at 65% in a preferably dust free environment.