

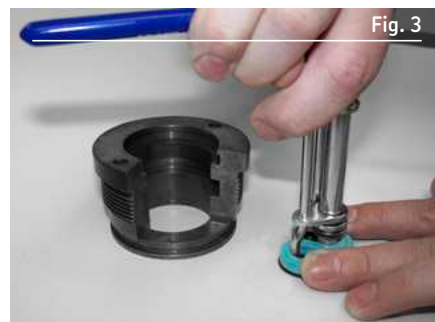
Rod seals

Installation guide for closed grooves

Rod seals can often be installed into closed grooves through carefully bending the profile similar to a kidney shape and then inserting it into the groove. It is very important to avoid sharp bending. Thin and flexible profiles can be installed by hand. The installation tools for rod seals help to install profiles of greater section thickness.

- 1 Ensure that the installation tool, the seal and the housing are clean and make sure that the seal groove meets dimensional specifications.
- 2 Place seal on flat surface with sealing lip facing down. Position tool so that center pin is outside the seal O.D. (Outer diameter) and the handle pins are inside the I.D. (inner diameter).
- 3 Rotate handles to fold the seal properly.
- 4 Install seal carefully into the housing from external end of bore.
- 5 Position the folded seal in the groove. Release pressure and remove tool.
- 6 Verify the seal is installed properly. If needed use your fingers to fully seat the seal into the groove.

For PTFE seals, small diameter seals or for serial production assembly, special assembly tools may be required. Find additional information in our SKF *Hydraulic seals* catalogue on **page 40 to 41** or upon request. Please contact your SKF representative to order a specific installation tool or installation tool set.



Rod seal installation tool

Seal sizes I.D.		Tool designations
in	mm	
3/4 to 1-1/2	19 to 38	K9171 IT-100
1-1/2 to 2	38 to 50	K9171 IT-150
2 to 3	50 to 76	K9171 IT-200
SET		K9171 IT-SET

Scan the QR code to download the SKF Hydraulic seals catalogue.



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