

# OSE 22-57

## Shock absorber spare parts package

### Repair Instructions

SCHUNK GmbH & Co. KG | Spann- und Greiftechnik  
D-74348 Lauffen/Neckar | Bahnhofstr. 106 – 134  
Tel. +49-7133-103-0 | Fax +49-7133-103-2399  
info@de.schunk.com | www.schunk.com

Superior Clamping and Gripping



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#### Technical changes

We reserve the right to make alterations for the purpose of technical improvement.

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## 1 Intended use

If the impacts of the shock absorbers are audible, if there is no more absorption or if the swivelling movement is no longer executed fully, the shock absorbers need to be changed. Shock absorbers may start losing their absorption sporadically before complete failure occurs. Shock absorbers/absorption bolts must be changed after the cycle count indicated.

## 2 Scope of Delivery

The spare parts packet includes both shock absorbers as well as all small components needed for repair work.

## 3 Applicable documents

- Catalog data sheet of the product \*
- Assembly and operating manual of the product \*

The documents marked with an asterisk (\*) can be downloaded on our homepage [www.schunk.com](http://www.schunk.com).

## 4 Notes on particular risks



### WARNING

#### Risk of injury due to sudden movements!

If the energy supply is switched on or if residual energy is still present in the system, this can cause components to move unexpectedly, which may result in serious injuries.

- Switch off energy supply and secure against re-connection.
- Ensure that no residual energy remains in the system.

## 5 Tools/auxiliary tools

- Hexagon socket wrench
- Safety ring pliers

## 6 Recommended lubricants

not required

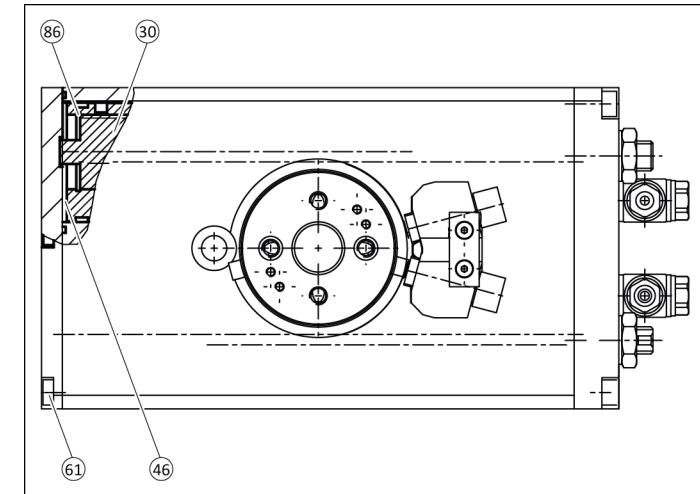
## 7 Tightening torque

Item	Designation	OSE				
		22	34	40	45	57
61	Screw [Nm]	5.3	11	6.1	11	18

## 8 Threadlocker

If not stated otherwise, screws can be secured using Loctite 243 or a similar adhesive.

## 9 Replace shock absorber



### Dismantling

- Remove all compressed air lines.
- Disassemble gripper from the machine/automated system.
- Remove screws (61) and take off cover (3).
- Remove the safety ring (86).
- Take shock absorber (30) with O-rings (46) out of the housing.

### Assembly

When assembling, use the parts from the spare part package.

- If necessary, replace seals.
- Insert the shock absorbers (30) with O-rings (46) into the housing and secure with the safety ring (86).
- Fasten the cover (3) with the screws (61).
- Assemble gripper on the machine/automated system.
- Secure all compressed air lines.