

# PGH 30-70

## Covering spare parts package

### Repair Instructions

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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 grinding noises are audible or if belts or coverings are damaged (wear, unevenness), then the belts or coverings need to be changed. The cause for this defect is often dirt.

## 2 Scope of Delivery

Designation	PGH 30-70			
	30	40	50	70
Cover [pcs.]	2	2	3	2
Set-screw [pcs.]	-	-	2	-
Screw [pcs.]	3	2	4	1
Strip [pcs.]	1	1	-	-
Counter nut [pcs.]	2	2	-	2
Nut [pcs.]	2	2	-	-
Clamping sleeve [pcs.]	2	2	-	2

## 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.



### WARNING

#### Risk of injury due to spring forces!

Products that use spring force or have gripping force maintenance contain parts that are under spring tension. This can cause components to move unexpectedly when being dismantled, which may result in serious injuries.

- Carefully dismantle the product.

## 5 Tools/auxiliary tools

- Hexagon socket wrench
- Screwdriver

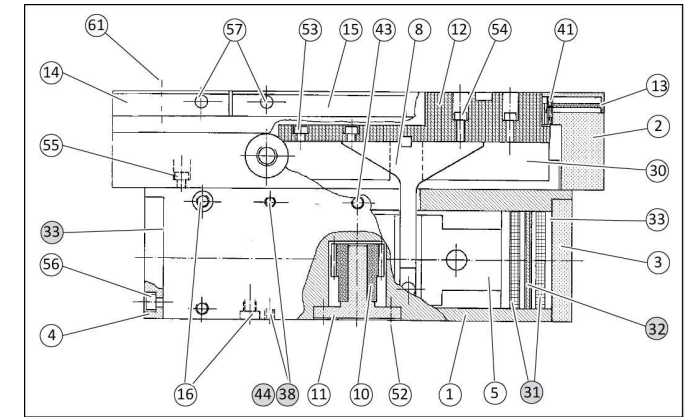
## 6 Recommended lubricants

Lubricant point	Lubricant
Linear Bearing	Renolit HP
Ball seals	Renolit HLT 2
Piston running surface, Pinion, Rack	Molykote BR 2 plus

## 7 Threadlocker

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

## 8 Changing the coverings



### Dismantling

- Remove all compressed air lines.
- Disassemble gripper from the machine/automated system.
- Remove screws (57) and take off the covering (14).
- **Size 50 only:** Remove covering (15).
- If necessary, remove proximity switch.
- Remove screws (55) and take off covering housing (2).
- **Size 50 only:** Screw back set-screws (41) and lift off covering (13).

### Assembly

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

- Clean all parts thoroughly, check for damage and wear and grease with a lint-free cloth or brush.
- If necessary replace seals shown in gray in the picture.
- **Size 50 only:** Place covering (13) on and tighten set-screws (13). The covering (13) must be able to move easily without falling out.
- **Size 30/ 40/ 70:** Insert clamping sleeve (61) into covering (14) and place covering (13) on in such a way that the groove of the covering is above the clamping sleeve. If necessary, slightly push through the clamping sleeve (61) from below so that it extends a little into the groove of the covering (13) without blocking it.
- Place covering housing (2) on and tighten screws (55).
- If necessary, fasten proximity switch in place.
- **Size 50 only:** Place on covering (15) and tighten screws (57).
- Assemble gripper on the machine/automated system.
- Secure all compressed air lines.