

GWB 100

Gripper finger 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 the gripper finger has some clearance, if the positioning is incorrect or if movement is asymmetrical, the gripper finger will need to be changed. Expansion cracks or enlargement of the guide groove are the most frequent indicators of a defective gripper finger. The cause for this defect is often a collision. After a collision, the piston rod may also be damaged.

2 Scope of Delivery

Designation	GWB 100
Gripper fingers [pcs.]	1
Set-screw [pcs.]	2
Bolts [pcs.]	1
Switching lug [pcs.]	1
Bracket for NHS [pcs.]	1

Designation	GWB 100
Screw [pcs.]	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.

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
- Drift punch
- Hammer

6 Recommended lubricants

not required

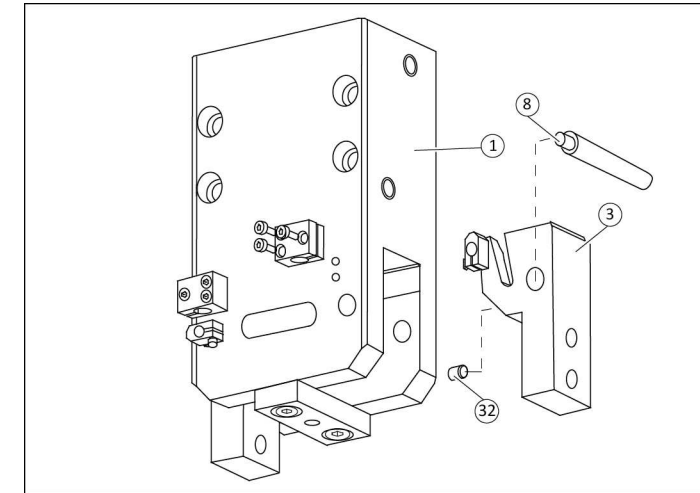
7 Tightening torque

not required

8 Threadlocker

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

9 Changing the gripper finger



Dismantling

- Remove all compressed air lines.
- Disassemble gripper from the machine/automated system.
- Connect compressed air line to the gripper and put gripper finger (3) into "opened" position.
- Unscrew set-screws (32) from the gripper finger (3).
- Push the axes (8) out of the housing (1).
- Remove the gripper finger (3) from the housing (1).

Assembly

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

- Clean all parts thoroughly, check for damage and wear.
- Insert the gripper finger (3) into the housing (1).
- **NOTICE! Make sure the installation position of the axis (8) is correct.** Insert the axis (8) into the housing (1) in such a way that the groove is over the bore hole for the set-screw (32).
- Screw the set-screw (32) into the gripper finger (3).
- Remove the compressed air line.
- Assemble gripper on the machine/automated system.
- Secure all compressed air lines.