Generisch KB-116-1120/110, GSH 5 E (0611318750)

Instruction Manual: Generisch Carbon Brushes for Bosch GSH 5 E Hammer Chisel

Model: KB-116-1120/110

1. Introduction

This manual provides essential information for the installation, operation, and maintenance of Generisch replacement carbon brushes, designed for the Bosch GSH 5 E (0611318750) hammer chisel. These carbon brushes are engineered for high durability, low sparking, and minimal wear, ensuring reliable performance for your tool. Please read these instructions carefully before proceeding with installation or maintenance.

2. Product Overview and Compatibility

These carbon brushes are alternative accessory parts specifically compatible with the following model:

- **Bosch GSH 5 E (0611318750) Hammer Chisel**

The package includes 2 pieces (1 pair) of carbon brushes, featuring a bushing version with automatic shut-off functionality.

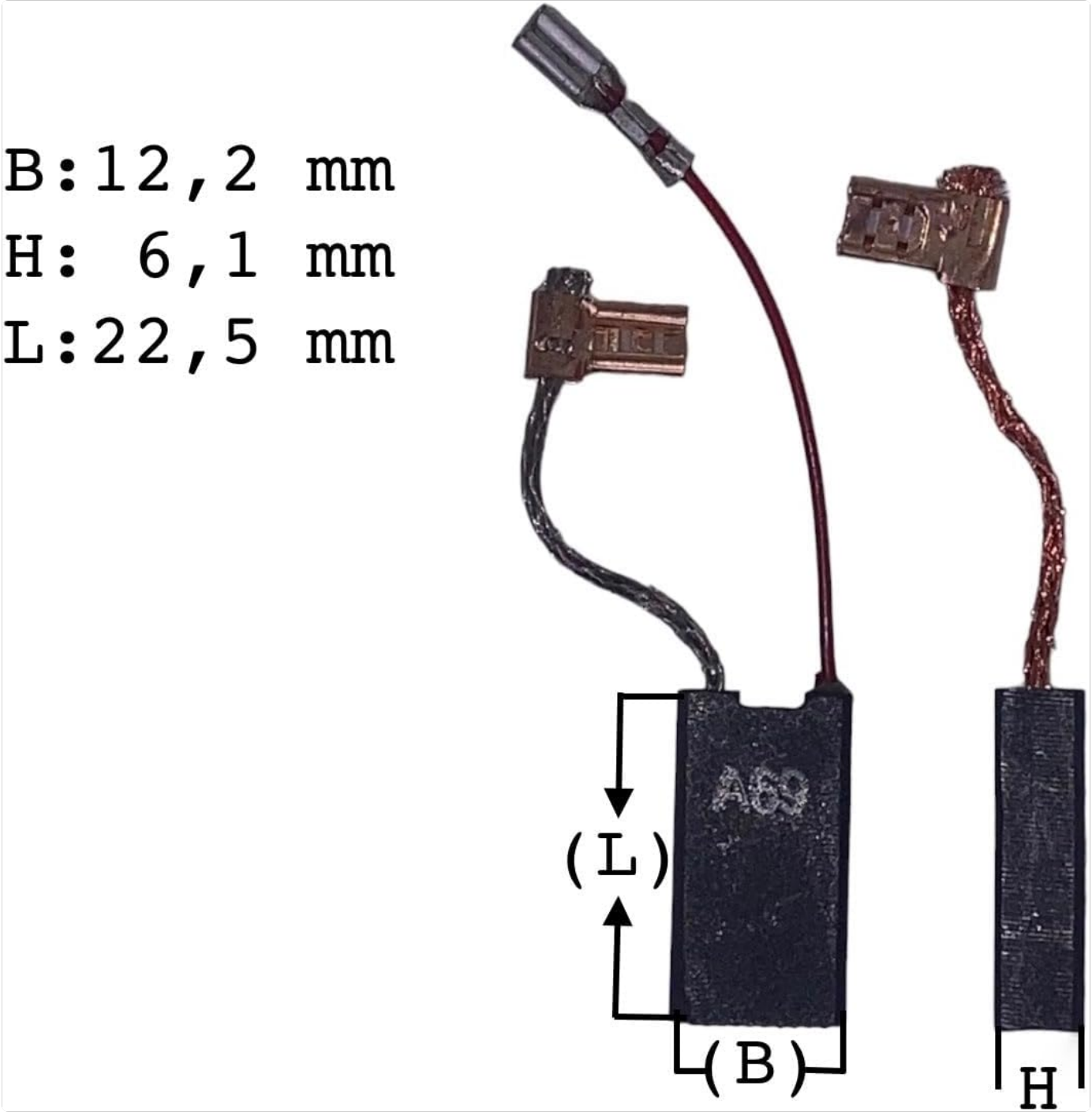


Figure 1: Generisch Carbon Brushes. The image displays two carbon brushes, each with a wire and connector. Dimensions are indicated as B: 12.2 mm (width), H: 6.1 mm (height), and L: 22.5 mm (length).

3. Specifications

Feature	Detail
Model Number	KB-116-1120/110
Compatibility	Bosch GSH 5 E (0611318750)
Dimensions (Width x Height x Length)	6.1 x 12.2 x 22.5 mm (approx.)
Version	Bushing, with automatic shut-off
Package Content	2 pieces (1 pair)

Feature	Detail
Material Characteristics	High durability, low sparking, low wear

4. Setup and Installation

Replacing carbon brushes requires careful handling and adherence to safety procedures. Always consult the original instruction manual for your Bosch GSH 5 E hammer chisel for specific disassembly and reassembly steps. If you are unsure about any step, it is recommended to seek assistance from a qualified technician.

General Installation Steps:

1. **Safety First:** Disconnect the hammer chisel from its power source before beginning any maintenance or installation.
2. **Locate Brush Holders:** Identify the carbon brush holders on your Bosch GSH 5 E tool. These are typically accessible via removable caps or covers.
3. **Remove Old Brushes:** Carefully remove the caps or covers. Disconnect the electrical connection and extract the worn carbon brushes. Note their orientation.
4. **Inspect Commutator:** While the brushes are out, inspect the commutator for any damage or excessive wear. Clean any carbon dust.
5. **Install New Brushes:** Insert the new Generisch carbon brushes into the brush holders, ensuring they are oriented correctly. Connect the electrical leads securely.
6. **Secure Holders:** Replace the caps or covers, ensuring they are tightened appropriately.
7. **Test Functionality:** Reconnect the tool to the power source and perform a brief test run to ensure proper operation. Listen for unusual noises or excessive sparking.

These carbon brushes feature an automatic shut-off mechanism, which is a safety feature designed to stop the motor when the brushes are excessively worn, preventing damage to the motor.

5. Operating Instructions

Once the new carbon brushes are installed, the hammer chisel can be operated as usual. During the initial use, a brief break-in period may be beneficial for the brushes to seat properly against the commutator. Avoid heavy loads immediately after installation. If you notice excessive sparking or unusual motor behavior, refer to the troubleshooting section.

6. Maintenance

Regular inspection of carbon brushes is crucial for maintaining the performance and longevity of your power tool. The lifespan of carbon brushes varies depending on usage intensity and environmental conditions.

Maintenance Recommendations:

- **Periodic Inspection:** Check the carbon brushes periodically for wear. Replace them when they are significantly shortened or if the automatic shut-off mechanism activates.
- **Commutator Cleaning:** Keep the commutator clean and free from carbon dust buildup. Use a soft, dry cloth or compressed air.
- **Storage:** Store the tool in a clean, dry environment when not in use.

7. Troubleshooting

If your Bosch GSH 5 E hammer chisel exhibits issues after carbon brush replacement, consider the following:

- **Motor Not Starting:**
  - Ensure the tool is properly connected to the power source.
  - Verify that the new carbon brushes are correctly seated and their electrical connections are secure.
  - Check if the automatic shut-off mechanism has been triggered (unlikely with new brushes, but possible if not fully seated).
- **Excessive Sparking:**
  - This can be normal during the initial break-in period. If it persists or is severe, re-check brush seating and commutator condition.
  - Ensure the commutator is clean and free of debris.
- **Reduced Performance:**
  - Confirm that the brushes are making full contact with the commutator.
  - Ensure no other internal components are damaged or worn.

If problems persist after troubleshooting, it is advisable to consult a professional service technician.

8. Warranty and Support

As these are alternative accessory carbon brushes, specific warranty terms may vary. Please refer to the seller or manufacturer for detailed warranty information and support regarding this product. For issues related to the Bosch GSH 5 E tool itself, consult the original Bosch documentation or an authorized Bosch service center.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question