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## Bosch GBH 2-28 DV

# Bosch GBH 2-28 DV Professional Rotary Hammer User Manual

Model: GBH 2-28 DV (Item No. 0 611 267 1K0)

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## 1. INTRODUCTION

This manual provides essential information for the safe and effective operation, setup, and maintenance of your Bosch GBH 2-28 DV Professional Rotary Hammer. Please read these instructions carefully before using the tool and keep them for future reference. The Bosch GBH 2-28 DV is a powerful 850W rotary hammer designed for drilling in concrete, masonry, wood, and metal, as well as for light chiseling applications.



**Figure 1:** Bosch GBH 2-28 DV Professional Rotary Hammer. This image shows the complete tool with its main body, handle, and chuck.

## 2. GENERAL SAFETY INSTRUCTIONS

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Always observe the following safety precautions to prevent electric shock, fire, and serious injury.

- **Work Area Safety:** Keep your work area clean and well-lit. Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
- **Electrical Safety:** Power tool plugs must match the outlet. Never modify the plug in any way. Avoid body contact with earthed or grounded surfaces. Do not expose power tools to rain or wet conditions.
- **Personal Safety:** Always wear eye protection. Use hearing protection when operating the tool for extended periods. Wear a dust mask when working in dusty conditions. Dress properly; avoid loose clothing or jewelry.
- **Power Tool Use and Care:** Do not force the power tool. Use the correct power tool for your application. Disconnect the plug from the power source before making any adjustments, changing accessories, or storing power tools.
- **Service:** Have your power tool serviced by a qualified repair person using only identical replacement parts.
- **Overload Clutch:** The tool is equipped with an overload clutch for user and tool protection in case of a jammed drill bit. If the drill bit jams, the drive to the drill spindle is interrupted. Due to the forces that occur, always hold the power tool firmly with both hands and assume a secure stance.

## 3. COMPONENTS OVERVIEW

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Familiarize yourself with the main components of your Bosch GBH 2-28 DV Rotary Hammer.

1. SDS-plus Tool Holder
2. Depth Stop
3. Auxiliary Handle
4. Mode Selector Switch (Drilling, Hammer Drilling, Chiseling)
5. Rotation Stop Button (for chiseling)
6. Variable Speed Trigger
7. Lock-on Button for Continuous Operation
8. Power Cord
9. Active Vibration Control System





**Figure 2:** Auxiliary Handle and Depth Stop. This image highlights the ergonomic auxiliary handle and the depth stop mechanism, crucial for controlled drilling.

## 4. SETUP

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### 4.1 Attaching the Auxiliary Handle

The auxiliary handle (3) allows for secure two-handed operation and can be rotated to any position for optimal working posture.

- Loosen the auxiliary handle by turning it counter-clockwise.
- Slide the handle over the chuck and position it as desired.
- Tighten the auxiliary handle by turning it clockwise until secure.

## 4.2 Installing the Depth Stop

The depth stop (2) is used to set a precise drilling depth.

- Insert the depth stop into the opening on the auxiliary handle.
- Adjust the depth stop to the desired drilling depth. The distance from the tip of the drill bit to the end of the depth stop indicates the drilling depth.
- Ensure the auxiliary handle is securely tightened to hold the depth stop in place.

## 5. OPERATING INSTRUCTIONS

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### 5.1 Power Connection

Ensure the power tool's voltage rating matches your local power supply before plugging it in. The tool operates on a standard corded electric power source.

### 5.2 Inserting and Removing SDS-plus Drill Bits

The SDS-plus tool holder (1) allows for quick and tool-free accessory changes.

- **Inserting:** Clean the shank of the drill bit and apply a thin layer of grease. Insert the drill bit into the tool holder with a rotating motion until it locks. Pull on the drill bit to check if it is securely locked.
- **Removing:** Pull back the locking sleeve of the SDS-plus tool holder and remove the drill bit.

### 5.3 Selecting Operating Mode

Use the mode selector switch (4) to choose the desired operating mode:

- **Drilling (Rotation Only):** For drilling in wood, metal, ceramics, and plastic. Set the switch to the drill symbol.
- **Hammer Drilling (Rotation with Hammer Action):** For drilling in concrete and masonry. Set the switch to the hammer drill symbol.
- **Chiseling (Hammer Action Only with Rotation Stop):** For light chiseling work. Set the switch to the chisel symbol. Press the rotation stop button (5) to lock the chisel in the desired position.

*Note:* Change the operating mode only when the tool is switched off to prevent damage.

### 5.4 Variable Speed Control

The variable speed trigger (6) allows for infinitely variable speed adjustment. The harder you press the trigger, the higher the rotational speed. This feature is useful for starting holes precisely and adapting to different materials.

### 5.5 Continuous Operation (Lock-on Button)

For continuous operation, press the variable speed trigger (6) and then press the lock-on button (7). To switch off, press the variable speed trigger again.

## 6. MAINTENANCE

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Regular maintenance ensures the longevity and optimal performance of your rotary hammer.

- **Cleaning:** Keep the ventilation openings of the power tool clean to prevent overheating. Regularly clean the SDS-plus tool holder to remove dust and debris.
- **Lubrication:** Apply a thin layer of grease to the shank of SDS-plus accessories before insertion to ensure smooth operation and reduce wear.
- **Carbon Brushes:** If the tool shows excessive sparking or reduced performance, the carbon brushes may need inspection or replacement. This should be done by a qualified service technician.

- **Storage:** Store the tool in a dry, secure place, out of reach of children.

## 7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Tool does not start.	No power supply; faulty power cord/plug; defective switch.	Check power connection. Inspect power cord/plug for damage. If switch is defective, contact service.
Reduced drilling performance.	Worn drill bit; incorrect operating mode; carbon brushes worn.	Replace drill bit. Select correct operating mode. Have carbon brushes checked by service.
Hammer action not engaging.	Incorrect operating mode; tool holder dirty.	Ensure hammer drilling mode is selected. Clean SDS-plus tool holder.
Tool stops during operation (overload clutch).	Drill bit jammed in workpiece.	Release the trigger, remove the tool from the workpiece, and clear the obstruction. Resume operation carefully.

## 8. TECHNICAL SPECIFICATIONS

Model	GBH 2-28 DV
Item Model Number	0 611 267 1K0
Brand	Bosch
Power Input	850 Watts
Power Source	Corded Electric
Maximum Rotational Speed	850 RPM
Amperage	14 Amps
Tool Holder	SDS-plus
Drilling Capacity (Concrete, Hammer Drill Bits)	4 - 28 mm
Drilling Capacity (Masonry, Core Cutters)	Up to 68 mm
Drilling Capacity (Wood)	Up to 30 mm
Drilling Capacity (Metal)	Up to 13 mm
Item Weight	4.9 kg
Product Dimensions (LxWxH)	36 x 45 x 11.5 cm
Included Components	Auxiliary handle, carrying case, depth stop 210 mm

## 9. WARRANTY AND SUPPORT

Bosch power tools are manufactured to the highest quality standards and undergo rigorous testing. This product comes with a standard manufacturer's warranty. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official Bosch website.

For technical assistance, spare parts, or service, please contact Bosch customer support:



- **Customer Care No:** 18004258665 (as per manufacturer info)
- **Manufacturer:** Bosch Power Tools (China) Ltd.
- **Importer/Packer:** Bosch Ltd., Post Box No: 3000, Hosur Road, Adugodi, Bangalore - 560030, India.

Always provide the model number (GBH 2-28 DV) and item model number (0 611 267 1K0) when contacting support for efficient service.

