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› Total TH1153216 High-Performance Rotary Hammer Drill User Manual

## Total TH1153216

# Total TH1153216 High-Performance Rotary Hammer Drill User Manual

Model: TH1153216 | Brand: Total

## INTRODUCTION

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This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your Total TH1153216 High-Performance Rotary Hammer Drill. Please read these instructions carefully before using the tool and keep them for future reference. This rotary hammer drill is designed for heavy-duty drilling and chiseling tasks in concrete, masonry, wood, and metal.

## SAFETY INSTRUCTIONS

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Always follow basic safety precautions to reduce the risk of fire, electric shock, and personal injury.

- **Work Area Safety:** Keep your work area clean and well-lit. Cluttered or dark areas invite accidents. 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 if working in dusty conditions. Dress properly; avoid loose clothing or jewelry.
- **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.
- **Kickback Prevention:** Always maintain a firm grip on the tool with both hands. Be prepared for sudden kickback, especially when drilling into hard materials or if the bit binds.

## PACKAGE CONTENTS

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Carefully unpack the box and ensure all items are present and undamaged. If any parts are missing or damaged, contact your retailer.

- 1 x Total TH1153216 Rotary Hammer Drill
- 3 x SDS Plus Drill Bits

- 2 x Chisels
- 1 x Set of Carbon Brushes
- 1 x Hard Carry Case
- 1 x Auxiliary Handle
- 1 x Depth Gauge



Image: The Total TH1153216 Rotary Hammer Drill shown with its auxiliary handle, SDS Plus drill bits, and chisels, all neatly arranged, indicating the complete package contents.

## PRODUCT OVERVIEW

Familiarize yourself with the main components of your rotary hammer drill.

# Kombinationshammer



Image: A detailed view of the Total TH1153216 Rotary Hammer Drill, showcasing its robust design, SDS-plus chuck, auxiliary handle, and mode selector switch.

- **SDS-Plus Chuck:** For quick and secure bit changes.
- **Mode Selector:** Allows switching between drilling, hammer drilling, and chiseling functions.
- **Auxiliary Handle:** Provides additional grip and control, adjustable for left or right-handed use.
- **Depth Gauge:** For precise drilling depth control.
- **Trigger Switch:** Controls the power and speed of the tool.



**Für lange Arbeitseinsätze konzipiert:**  
mit rutschfestem Griff und weichen Griffflächen.  
Zusatzhandgriff mit Rillen für bessere Stabilität.  
Vibrationsdämpfung für komfortableres Arbeiten.

Image: Close-up of the Total TH1153216 Rotary Hammer Drill's handle, emphasizing its non-slip grip and soft surfaces designed for comfortable and stable operation during extended use.

## SETUP

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### Attaching the Auxiliary Handle

1. Loosen the auxiliary handle by twisting it counter-clockwise.
2. Slide the handle onto the tool's barrel to the desired position.
3. Tighten the handle by twisting it clockwise until secure.

### Installing SDS-Plus Bits/Chisels

1. Clean the shank of the SDS-Plus bit/chisel and apply a small amount of grease.
2. Pull back the chuck sleeve.
3. Insert the bit/chisel into the chuck until it clicks into place.
4. Release the chuck sleeve. Pull on the bit/chisel to ensure it is securely locked.

### Setting the Depth Gauge

1. Loosen the auxiliary handle.
2. Insert the depth gauge through the hole in the auxiliary handle.

3. Adjust the depth gauge to the desired drilling depth.
4. Tighten the auxiliary handle to secure the depth gauge.

## OPERATING INSTRUCTIONS

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### Selecting Operating Mode

The TH1153216 offers three operating modes:

- **Drilling Mode (Rotary Only):** For drilling in wood, metal, and plastics. Set the mode selector to the drill icon.
- **Hammer Drilling Mode (Rotary with Hammer):** For drilling in concrete, brick, and masonry. Set the mode selector to the hammer drill icon.
- **Chiseling Mode (Hammer Only):** For light demolition, chiseling, and breaking. Set the mode selector to the chisel icon.

To change the mode, rotate the mode selector switch to the desired setting. Ensure the tool is unplugged when changing modes to prevent accidental activation.

### General Operation

1. Ensure the correct bit/chisel is installed and the auxiliary handle is secure.
2. Select the appropriate operating mode for your task.
3. Plug the tool into a suitable power outlet (240V).
4. Hold the tool firmly with both hands.
5. Position the bit/chisel on the workpiece.
6. Press the trigger switch to start the tool. Apply steady, even pressure. Do not force the tool.
7. When finished, release the trigger switch and unplug the tool.



Image: A user operating the Total TH1153216 Rotary Hammer Drill, demonstrating its use for drilling into a concrete-like surface, highlighting the tool's pneumatic impact mechanism.

## MAINTENANCE

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Regular maintenance ensures optimal performance and extends the life of your tool.

- **Cleaning:** After each use, clean the tool with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners. Keep ventilation openings clear of dust and debris.
- **Chuck Maintenance:** Regularly clean and lightly grease the SDS-Plus chuck to ensure smooth bit insertion and removal.
- **Carbon Brushes:** The carbon brushes are wear parts. If the motor sparks excessively or the tool loses power, the carbon brushes may need replacement. Refer to the included carbon brush set for replacement. This procedure should ideally be performed by a qualified technician.
- **Storage:** Store the tool in its hard carry case in a dry, secure place, out of reach of children.

## TROUBLESHOOTING

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If you encounter issues with your rotary hammer drill, refer to the following common problems and solutions.

Problem	Possible Cause	Solution
Tool does not start	No power supply; Faulty switch; Worn carbon brushes	Check power connection; Test outlet; Replace switch (professional); Replace carbon brushes
Reduced power or excessive sparking	Worn carbon brushes; Motor overload	Replace carbon brushes; Reduce load, allow tool to cool
Bit/chisel not locking in chuck	Chuck sleeve not fully pulled back; Dirty shank; Damaged chuck	Ensure sleeve is fully back; Clean shank; Inspect chuck for damage (professional repair)
Excessive vibration	Bent bit/chisel; Internal damage	Use a straight bit/chisel; Seek professional inspection

## SPECIFICATIONS

Technical data for the Total TH1153216 Rotary Hammer Drill.

Feature	Value
Model Number	TH1153216
Brand	Total
Power Input	1500 Watts
Voltage	240 Volts
Current	6.25 Amps
No-Load Speed	850 RPM
Impact Rate	4400 BPM
Impact Energy	5.5 Joules
Chuck Type	SDS-Plus
Max Drilling Capacity (Concrete)	32 mm
Max Drilling Capacity (Wood)	40 mm
Max Drilling Capacity (Metal)	13 mm
Product Dimensions	42 x 14 x 32 cm
Country of Origin	India
Power Source	Electric (Corded)

## Leistung und Vielseitigkeit für anspruchsvolle Arbeiten- Motorleistung:

- ▶ Motorleistung: 1500 W
- ▶ Schlagenergie: 5,5 J
- ▶ Leerlaufdrehzahl: 850 U/min
- ▶ 4400 Schläge/min
- ▶ Kapazität: Beton 32 mm, Stahl 13 mm, Holz 40 mm
- ▶ SDS-plus-Aufnahme



Image: Visual representation of the Total TH1153216 Rotary Hammer Drill's key performance specifications, including motor power, impact energy, no-load speed, impact rate, and drilling capacities for various materials.

## WARRANTY AND SUPPORT

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Total tools are manufactured to high-quality standards. This product comes with a standard manufacturer's warranty against defects in materials and workmanship. Please refer to the warranty card included with your purchase for specific terms and conditions, including the warranty period and claim procedures.

For technical support, service, or spare parts, please contact your local Total tools dealer or the customer service department. Keep your purchase receipt as proof of purchase for any warranty claims.