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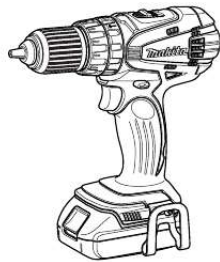
You can read the recommendations in the user guide, the technical guide or the installation guide for MAKITA BHP456. You'll find the answers to all your questions on the MAKITA BHP456 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

**User manual MAKITA BHP456**  
**User guide MAKITA BHP456**  
**Operating instructions MAKITA BHP456**  
**Instructions for use MAKITA BHP456**  
**Instruction manual MAKITA BHP456**



<b>GB</b>	<b>Cordless Hammer Driver Drill</b>	<b>Instruction manual</b>
<b>F</b>	<b>Perceuse Percussion-Visseuse sans Fil</b>	<b>Manuel d'instructions</b>
<b>D</b>	<b>Akku-Bohrhammer</b>	<b>Betriebsanleitung</b>
<b>I</b>	<b>Trapano avvitatore a batteria con percussione</b>	<b>Istruzioni per l'uso</b>
<b>NL</b>	<b>Accuschroef-boorhamermachine</b>	<b>Gebruiksaanwijzing</b>
<b>E</b>	<b>Rotomartillo Atornillador Inalámbrico</b>	<b>Manual de instrucciones</b>
<b>P</b>	<b>Furadeira de Impacto / Parafusadeira a Bateria</b>	<b>Manual de instruções</b>
<b>DK</b>	<b>Ledningsfri slagboremaskine</b>	<b>Brugsanvisning</b>
<b>GR</b>	<b>Κρουστικό δραννοκατσάβιδο μπαταρίας</b>	<b>Οδηγίες χρήσης</b>

## **BHP456**



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**Manual abstract:**

Due to our continuing programme of research and development, the specifications herein are subject to change without notice. Specifications and battery cartridge may differ from country to country. Weight, with battery cartridge, according to EPTA-Procedure 01/2003 Intended use ENE039-1 The tool is intended for impact drilling in brick, concrete and stone as well as for drilling without impact in wood, metal, ceramic and plastic. Cutting accessory contacting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock. Always be sure you have a firm footing. Be sure no one is below when using the tool in high locations. hold the tool firmly. Keep hands away from rotating parts. Do not touch the bit or the workpiece immediately after operation; they may be extremely hot and could burn your skin. Some material contains chemicals which may be toxic. Take caution to prevent dust inhalation and skin contact. Follow material supplier safety data. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury. Save all warnings and instructions for future reference. Wear ear protectors when impact drilling. Exposure to noise can cause hearing loss. 2. Use auxiliary handle(s), if supplied with the tool. Hold power tool by insulated gripping surfaces, when performing an operation where the cutting WARNING: DO NOT let comfort or familiarity with product (gained from repeated use) replace strict adherence to safety rules for the subject product. MISUSE or failure to follow the safety rules stated in this instruction manual may cause serious personal injury. Before using battery cartridge, read all instructions and cautionary markings on (1) battery charger, (2) battery, and (3) product using battery. 4. It may result in loss of your eyesight. 5. 6. Do not store the tool and battery cartridge in locations where the temperature may reach or exceed 50°C (122°F). 7. Do not incinerate the battery cartridge even if it is severely damaged or is completely worn out. Be careful not to drop or strike battery. To insert the battery cartridge, align the tongue on the battery cartridge with the groove in the housing and slip it into place.

Always insert it all the way until it locks in place with a little click. Insert it fully until the red part cannot be seen. Do not use force when inserting the battery cartridge. If the cartridge does not slide in easily, it is not being inserted correctly. The battery cartridge with a star mark is equipped with the protection system, which automatically cuts off the output power for its long service life. The tool stops during operation when the tool and/or battery are placed under the following situation. This is caused by the activation of protection system and does not show the tool trouble. When the tool is overloaded: At this time, release the switch trigger and remove causes of overload and then pull the switch trigger again to restart. When battery cells get hot: If any operation of the switch trigger, the motor will remain stopped. At this time, stop use of the tool and cool or charge the battery cartridge after removing it from the tool.

When the remaining battery capacity gets low: If any operation of the switch trigger, the motor will remain stopped. At this time, remove the battery cartridge from the tool and charge it. Before inserting the battery cartridge into the tool, always check to see that the switch trigger actuates properly and returns to the "OFF" position when released. to start the tool, simply pull the switch trigger. Tool speed is increased by increasing pressure on the switch trigger.

Always stop tool operation and charge the battery cartridge when you notice less tool power. Do not look in the light or see the source of light directly. Pull the switch trigger to light up the lamp. The lamp keeps on lighting while the switch trigger is being pulled. The lamp goes out 10 -15 seconds after releasing the trigger.

NOTE: Use a dry cloth to wipe the dirt off the lens of the lamp. Be careful not to scratch the lens of lamp, or it may lower the illumination. Always be sure that the tool is switched off and the battery cartridge is removed before adjusting or checking function on the tool. Always switch off the tool before insertion or removal of the battery cartridge. To remove the battery cartridge, withdraw it from the tool while sliding the button on the side of the cartridge. Always check the direction of rotation before operation. Use the reversing switch only after the tool comes to a complete stop. This can be installed on either side of the tool. To remove, loosen the screw and then take it out. Always set the speed change lever fully to the correct position.

the tool may be damaged. Use the right speed for your job. When not using the driver bit, keep it in the bit holders. Bits 45 mm long can be kept there. Insert it fully until the red part cannot be seen. First, turn the action mode changing ring so that the arrow on the tool body points to the marking. The adjusting ring can be aligned in any torque levels for this operation. Be sure to use a tungsten-carbide tipped bit. Light pressure gives best results. Keep the tool in position and prevent it from slipping away from the hole.

Do not apply more pressure when the hole becomes clogged with chips or particles. Instead, run the tool at an idle, then remove the bit partially from the hole. By repeating this several times, the hole will be cleaned out and normal drilling may be resumed. The fastening torque can be adjusted in 16 steps by turning the adjusting ring so that the graduations are aligned with the arrow on the tool body. The fastening torque is minimum when the number 1 is aligned with the arrow, and maximum when the number 16 is aligned with the arrow.

Before the actual operation, drive a trial screw into your material or a piece of duplicate material to determine which torque level is required for a particular application. Always be sure that the tool is switched off and the battery cartridge is removed before carrying out any work on the tool. After drilling the hole, use the blow-out bulb to clean the dust out of the hole. First, turn the action mode changing ring so that the arrow on the tool body points to the marking.

Adjust the adjusting ring to the proper torque level for your work.

then proceed as follows. Place the point of the driver bit in the screw head and apply pressure to the tool. Start the tool slowly and then increase the speed gradually. Release the switch trigger as soon as the clutch cuts in. CAUTION: Make sure that the driver bit is inserted straight in the screw head, or the screw and/or bit may be damaged. NOTE: When driving wood screws, predrill pilot holes to make driving easier and to prevent splitting of the workpiece.



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*Use a cutting lubricant when drilling metals. The exceptions are iron and brass which should be drilled dry. Always be sure that the tool is switched off and the battery cartridge is removed before attempting to perform inspection or maintenance. Replace when they wear down to the limit mark.*

*Keep the carbon brushes clean and free to slip in the holders. Both carbon brushes should be replaced at the same time. use only identical carbon brushes. Use a screwdriver to remove two screws then remove the rear cover. (Fig. 14) Raise the arm part of the spring and then place it in the recessed part of the housing with a slotted bit screwdriver with a slender shaft or the like. Take out the worn carbon brushes, insert the new ones and replace the carbon brush caps in reverse. (Fig. 16) Make sure that the carbon brush caps have fit into the holes in brush holders securely. (Fig.*

*17) Reinstall the rear cover and tighten two screws securely. To maintain product SAFETY and RELIABILITY, repairs, any other maintenance or adjustment should be performed by Makita Authorized Service Centers, always using Makita replacement parts. First, turn the adjusting ring so that the pointer points to the marking. In fact, this excessive pressure will only serve to damage the tip of your bit, decrease the tool performance and shorten the service life of the tool.*

*There is a tremendous force exerted on the tool/bit at the time of hole break through.*

*@@@However, the tool may back out abruptly if you do not hold it firmly. @@@These accessories or attachments are recommended for use with your Makita tool specified in this manual. The use of any other accessories or attachments might present a risk of injury to persons. Only use the accessories or attachments for their stated purposes. If you need any assistance for more details regarding these accessories, ask your local Makita Service Center.*

*Bit holder Noise ENG905-1 The typical A-weighted noise level determined according to EN60745: Sound pressure level (LpA): 81 dB (A) Sound power level (LWA): 92 dB (A) Uncertainty (K): 3 dB (A) Wear ear protection. Drilling in wood When drilling in wood, the best results are obtained with wood drills equipped with a guide screw. The guide screw makes drilling easier by pullin.*



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