Makita E-06270

Makita 212-Piece Tool Accessory Kit

Model: E-06270

Brand: Makita

Introduction

This user manual provides essential information for the safe and effective use of your Makita 212-Piece Tool Accessory Kit, model E-06270. This comprehensive kit is designed to support a wide range of drilling and driving applications across various materials, including metal, concrete, wood, and plastic. Please read this manual thoroughly before using the accessories to ensure proper handling, optimal performance, and longevity of the tools.

Kit Contents

The Makita E-06270 kit includes a diverse selection of accessories for various tasks. The robust carrying case keeps all components organized and protected.



Image: The Makita E-06270 kit, showcasing its 212 pieces neatly arranged within the durable blue carrying case. The kit contains a wide assortment of drill bits for metal, concrete, and wood, various screwdriver bits, sockets, and other utility tools.

The kit contains the following components:

- **HSS-R Metal Drill Bits (44 pieces):** Sizes include 1x34(5), 1.5x40(5), 2x49(5), 2.5x57(4), 3x61(5), 3.2x65(2), 3.5x70(4), 4x75(4), 4.5x80(1), 5x86(1), 5.5x93(1), 6x93(1), 6.5x101(1), 7x109(1), 7.5x109(1), 8x117(1), 9x125(1), 10x133(1).
- **Concrete Drill Bits (13 pieces):** Sizes include 3x60, 4x75, 4.5x75, 5x85, 5.5x85, 6x100, 6.5x100, 7x120, 8x120, 9x120, 10x120, 8x300, 10x300 (1 each).
- **¼ Hex Flat Wood Bits (6 pieces):** Sizes include 10, 12, 16, 18, 20, 22, 25x150.
- **25mm Screwdriver Bits (60 pieces):** PH0(2), PH1(2), PH2(6), PH3(2), PH4(1), PZ0(2), PZ1(2), PZ2(4), PZ3(2),

SL0.5x3.0(2), SL0.8x4.0(2), SL0.8x5.0(2), SL1.0x5.5(2), SL1.0x6.0(2), SL1.2x7.0(2), SL1.6x8.0(2), HEX3(1), HEX4(1), HEX5(1), HEX6(1), HEX7(1), HEX8(1), T10(2), T15(2), T20(2), T25(2), T27(1), T30(2), T35(1), T40(1), T45(1), SQ1(1), SQ2(1), SQ3(1).

- **50mm Screwdriver Bits (40 pieces):** PH0(2), PH1(2), PH2(3), PH3(2), PZ0(1), PZ1(2), PZ2(2), PZ3(2), T10(1), T15(1), T20(1), T25(1), T27(1), T30(1), T40(1), T45(1), SL0.5x3.0(2), SL0.8x4.0(2), SL0.8x5.0(2), SL1.0x6.0(2), SL1.2x7.0(1), SL1.6x8.0(1), HEX3(1), HEX4(1), HEX5(1), HEX6(1), HEX7(1), HEX8(1).
- **Sockets (20 pieces):** Sizes include 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 5/32, 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2x38mm.
- **Countersink (1 piece):** 12.7mm.
- **Magnetic Bit Holder (1 piece):** 60mm.
- **Depth Stops (4 pieces):** Sizes 3, 5, 8, 10.
- **Hex Key (1 piece):** 2.5mm.
- **Diameter Gauge (1 piece).**
- **Hole Saws (4 pieces):** Sizes 32, 38, 44, 54.
- **Hole Saw Adapter (1 piece):** 90mm.
- **Spirit Level (1 piece).**
- **Measuring Tape (1 piece):** 3m x 13mm.
- **T-Handle Screwdriver (1 piece):** 160mm.
- **Punches (2 pieces):** Sizes 1.5, 2.5x100mm.
- **Pencil (1 piece):** 250mm.
- **Flexible Bit Extension (1 piece):** 150mm.
- **Manual Bit Driver (1 piece):** 194mm.

Setup

Before using any accessory from the kit, ensure you are familiar with the operation of your power tool (drill, impact driver, etc.). Always refer to your power tool's instruction manual for specific safety guidelines and operating procedures.

1. **Safety First:** Always wear appropriate personal protective equipment (PPE), including safety glasses, gloves, and hearing protection, when operating power tools.
2. **Tool Compatibility:** Ensure the accessory you select is compatible with your power tool's chuck type (e.g., keyless, keyed, hex shank).
3. **Secure Attachment:** Insert the accessory shank fully into the chuck of your power tool. Tighten the chuck securely to prevent the accessory from slipping during operation. A loose accessory can cause injury or damage.
4. **Material Selection:** Choose the correct drill bit or screwdriver bit for the material you are working with (e.g., HSS-R for metal, concrete bits for masonry, flat wood bits for wood).
5. **Depth Stops:** For precise drilling depth, attach the appropriate depth stop to the drill bit. Ensure it is securely fastened at the desired depth.
6. **Magnetic Bit Holder:** Use the magnetic bit holder with 25mm screwdriver bits for quick changes and secure retention.

Operating Instructions

Drilling

- **Metal Drilling:** Use HSS-R bits. Apply steady, even pressure. Use cutting fluid for harder metals to prolong bit life and improve cut quality. Start with a pilot hole for larger diameters.

- **Concrete/Masonry Drilling:** Use concrete drill bits. For best results, use a hammer drill setting if available on your power tool. Apply firm, consistent pressure. Clear dust from the hole periodically.
- **Wood Drilling:** Use HSS-R bits for general wood drilling or flat wood bits for larger holes. Ensure the workpiece is clamped securely. For flat wood bits, align the tip carefully before starting.
- **Hole Saws:** Attach the hole saw to the adapter and then to your drill. Use for cutting larger diameter holes in wood or plastic. Ensure the pilot drill bit is securely fastened.

Screwdriving

- **Bit Selection:** Choose the correct screwdriver bit type (Phillips, Pozi, Slotted, Torx, Hex, Square) and size to match the fastener head. An ill-fitting bit can strip the fastener or damage the bit.
- **Application:** Insert the bit firmly into the screw head. Apply consistent downward pressure while driving to prevent cam-out. Use appropriate speed settings on your power tool.
- **Magnetic Bit Holder/Flexible Extension:** Use the magnetic bit holder for quick bit changes. The flexible bit extension is useful for reaching fasteners in confined spaces.

Other Tools

- **Countersink:** Use to create a conical hole for screw heads to sit flush with the surface.
- **Punches:** For marking precise starting points for drilling or for driving small pins.
- **Spirit Level:** Use to ensure surfaces are perfectly horizontal or vertical.
- **Measuring Tape:** For accurate measurements of length and distance.

Maintenance

- **Cleaning:** After each use, wipe down all accessories to remove dust, debris, and any residue. A dry cloth is usually sufficient. For stubborn grime, a mild cleaner can be used, ensuring the accessories are thoroughly dried afterward.
- **Lubrication:** Apply a light coat of machine oil to metal drill bits and other steel components to prevent rust, especially if storing for extended periods or in humid environments.
- **Storage:** Always return accessories to their designated slots in the carrying case. This prevents damage, loss, and keeps them organized for future use. Store the case in a dry, cool place away from direct sunlight and moisture.
- **Inspection:** Periodically inspect all accessories for signs of wear, damage, or dullness. Replace worn or damaged bits to ensure optimal performance and safety. Do not use bent or chipped drill bits.

Troubleshooting

Problem	Possible Cause	Solution
Drill bit not cutting effectively.	Dull or incorrect bit for material. Insufficient pressure or speed.	Ensure bit is sharp. Select appropriate bit for material. Adjust drill speed and apply consistent pressure.
Screwdriver bit camming out (slipping).	Incorrect bit size/type. Insufficient downward pressure. Worn bit.	Use the correct bit for the fastener. Apply firm downward pressure. Replace worn bits.
Bit overheating or smoking.	Excessive speed or pressure. Lack of lubrication (for metal).	Reduce drill speed and pressure. Use cutting fluid when drilling metal. Allow bit to cool.
Accessories rusting.	Improper storage. Exposure to moisture.	Store in a dry environment. Apply a light coat of oil after cleaning. Ensure accessories are dry before storage.

Specifications

- **Model:** E-06270
- **Brand:** Makita
- **Number of Pieces:** 212
- **Material:** High-Speed Steel (HSS-R) for metal bits, other materials as specified for concrete/wood bits.
- **Applications:** Concrete, Wood, Metal, Plastic
- **Kit Dimensions (Package):** 35 x 31.1 x 11.1 cm (13.78 x 12.24 x 4.37 inches)
- **Weight:** 4.2 kg (9.26 lbs)
- **UPC:** 088381568746
- **Included Components:** Comprehensive set of drill bits, screwdriver bits, sockets, hole saws, and various utility tools as detailed in the "Kit Contents" section.

Warranty and Support

Makita products are manufactured to high-quality standards and are rigorously tested. This accessory kit is designed for durability and performance. For specific warranty information regarding manufacturing defects or material issues, please refer to the official Makita website or contact Makita customer support directly. Keep your purchase receipt as proof of purchase.

For technical assistance, product inquiries, or to locate an authorized service center, please visit the official Makita website or contact their customer service department. Contact information can typically be found on the Makita website or on the product packaging.

Note: This kit contains consumable accessories. Wear and tear from normal use are not covered under warranty. Proper maintenance and correct usage, as outlined in this manual, will extend the life of your accessories.

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