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## Ingco DBH1210601-10pcs

# INGCO SDS Plus Hammer Drill Bit Set (10 PCS)

Model: DBH1210601-10pcs  
User Manual

## 1. INTRODUCTION

Thank you for choosing the INGCO SDS Plus Hammer Drill Bit Set. This set provides a range of durable drill bits designed for efficient drilling in masonry, concrete, and other hard materials when used with an SDS Plus rotary hammer drill. Please read this manual carefully before use to ensure safe and effective operation and to prolong the life of your drill bits.

This manual contains important information regarding the proper installation, operation, maintenance, and troubleshooting of your drill bit set.

## 2. SAFETY INFORMATION

Always observe basic safety precautions when using power tool accessories. Failure to do so may result in serious injury or damage to the product.

- **Wear Personal Protective Equipment (PPE):** Always wear safety glasses, hearing protection, and gloves when operating a hammer drill with these bits.
- **Inspect Bits Before Use:** Check drill bits for any signs of damage, cracks, or excessive wear. Do not use damaged bits.
- **Secure Workpiece:** Ensure the material being drilled is securely clamped or held to prevent movement during operation.
- **Use Correct Bit for Material:** These SDS Plus bits are specifically designed for masonry and concrete. Using them on other materials may cause damage to the bit or workpiece.
- **Avoid Overheating:** Allow the drill bit to cool periodically during extended use. Excessive heat can reduce bit life and performance.
- **Disconnect Power:** Always disconnect the hammer drill from the power source before changing bits or performing any maintenance.

## 3. PRODUCT OVERVIEW

The INGCO SDS Plus Hammer Drill Bit Set includes 10 pieces of various sizes, featuring an SDS Plus shank type for quick and secure insertion into compatible rotary hammer drills. These bits are constructed

for durability and efficient material removal.



Figure 1: INGCO SDS Plus Hammer Drill Bit Set. This image displays the complete set of ten drill bits, showcasing their SDS Plus shanks and spiral flute design, ready for use with a rotary hammer drill.

## 4. SETUP

Follow these steps to properly install an SDS Plus drill bit into your rotary hammer drill:

1. **Ensure Power Off:** Disconnect the hammer drill from the power supply to prevent accidental startup.
2. **Clean Shank:** Wipe the SDS Plus shank of the drill bit clean to remove any dust or debris. A small amount of grease can be applied to the shank for smoother insertion and removal, and to reduce wear.
3. **Insert Bit:** Push the SDS Plus drill bit firmly into the chuck of the hammer drill. You should feel a click as the bit locks into place.
4. **Verify Lock:** Pull on the drill bit to ensure it is securely seated and locked in the chuck. SDS Plus bits are designed to have a slight amount of play (movement) once installed; this is normal and allows for the hammering action.

## 5. OPERATING INSTRUCTIONS

Proper operation ensures efficiency and safety:

1. **Select Mode:** Set your rotary hammer drill to the appropriate mode (hammer drilling for masonry/concrete).
2. **Mark Drilling Point:** Clearly mark the exact spot where you intend to drill.
3. **Start Slowly:** Begin drilling at a slow speed to create a pilot indentation, preventing the bit from wandering.
4. **Apply Steady Pressure:** Once the bit has started, apply steady, firm pressure. Allow the hammer action to do the work; excessive force is not required and can damage the bit or drill.
5. **Clear Debris:** Periodically withdraw the bit slightly from the hole to allow dust and debris to escape, especially in deep holes.
6. **Maintain Control:** Always maintain a firm grip on the hammer drill and be prepared for torque reactions.

## 6. MAINTENANCE

Regular maintenance helps extend the life of your drill bits:

- **Cleaning:** After each use, clean the drill bits to remove dust, debris, and any residue. A wire brush can be effective for cleaning the flutes.
- **Lubrication:** Apply a thin layer of light oil or grease to the SDS Plus shank periodically to prevent rust and ensure smooth operation within the drill chuck.
- **Storage:** Store the drill bits in their original case or a suitable container to protect them from damage and corrosion. Keep them in a dry environment.
- **Inspection:** Regularly inspect the carbide tip for wear or damage. A dull or chipped tip will reduce drilling efficiency and can cause overheating. Replace worn bits promptly.

## 7. TROUBLESHOOTING

Common issues and their solutions:

- **Bit Not Drilling Effectively:**
  - Check if the hammer drill is set to the hammer drilling mode.
  - Inspect the drill bit tip for wear or damage. A dull tip will not cut efficiently.
  - Ensure sufficient pressure is applied, but do not force the drill.
- **Bit Getting Stuck in Hole:**
  - Withdraw the bit periodically to clear debris from the hole.
  - Ensure the drill is held straight and not at an angle.
  - If stuck, try rotating the bit manually or gently wiggling it while pulling. Do not use excessive force.
- **Excessive Vibration or Noise:**
  - Check if the bit is properly seated in the chuck.
  - Inspect the bit for bends or damage.

## 8. SPECIFICATIONS

Feature	Detail
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Brand	Ingco
Model Number	DBH1210601-10pcs
Shank Type	SDS-Plus
Tool Flute Type	Spiral
Finish Type	Silver
Item Weight	100 g
Package Dimensions	17 x 10 x 4 cm
Country of Origin	China

## 9. WARRANTY INFORMATION

This INGCO product is manufactured to high-quality standards. For specific warranty terms and conditions, please refer to the warranty documentation provided with your purchase or visit the official INGCO website. Warranty coverage typically applies to manufacturing defects and does not cover normal wear and tear, misuse, or damage caused by improper operation.

## 10. CUSTOMER SUPPORT

If you have any questions, require technical assistance, or need to report an issue with your INGCO SDS Plus Hammer Drill Bit Set, please contact INGCO customer support. Contact details can typically be found on the product packaging or the official INGCO website.

For more information, you may visit the [Ingco Store on Amazon](#).