

HANGER 150612

HANGER SDS+ Carbide Core Drill Bit - Model 150612

User Instruction Manual

INTRODUCTION

Thank you for choosing the HANGER SDS+ Carbide Core Drill Bit, Model 150612. This high-quality accessory is designed to provide precise and efficient drilling for various construction and renovation tasks. Its 110 mm diameter and M16 thread ensure robust performance and optimal compatibility with SDS Plus rotary hammers. Please read this manual carefully before use to ensure safe and effective operation.

SAFETY INFORMATION

Always follow general power tool safety guidelines when using this core drill bit. Failure to do so may result in serious injury or damage to the tool.

- Always wear appropriate personal protective equipment (PPE), including safety glasses, hearing protection, and gloves.
- Ensure the core drill bit is securely fastened in the SDS Plus chuck before operation.
- Do not force the drill bit; let the tool do the work.
- Keep hands and loose clothing away from rotating parts.
- Disconnect the power tool from the power source before changing accessories or performing maintenance.
- Inspect the core drill bit for damage before each use. Do not use if damaged.
- Ensure the work area is well-lit and clear of obstructions.

PRODUCT OVERVIEW

The HANGER SDS+ Carbide Core Drill Bit (Model 150612) is designed for drilling large diameter holes in various masonry materials. It features robust carbide tips for durability and an M16 thread for secure attachment.



Figure 1: Side view of the HANGER SDS+ Carbide Core Drill Bit, showing the carbide tips and the HANGER brand logo.



Figure 2: Top view of the HANGER SDS+ Carbide Core Drill Bit, illustrating the internal structure and the M16 thread connection point.

Key Features:

- **110 mm Diameter:** Ideal for large-scale drilling applications.
- **Carbide Tips:** Ensures high-quality, precise, and efficient drilling.
- **M16 Thread:** Provides a secure and stable connection to the SDS Plus adapter.
- **SDS Plus Compatibility:** Designed for seamless integration with SDS Plus rotary hammers.

SETUP

Before setting up, ensure your SDS Plus rotary hammer is unplugged from the power source.

1. **Prepare the Rotary Hammer:** Ensure the chuck of your SDS Plus rotary hammer is clean and free of debris.
2. **Attach the SDS Plus Adapter (if not integrated):** If your core drill bit requires a separate SDS Plus adapter, insert the adapter's SDS Plus shank into the rotary hammer's chuck. Push and twist until it clicks into place. Pull on the adapter to ensure it is securely locked.

3. **Attach the Core Drill Bit:** Align the M16 thread of the HANGER core drill bit with the corresponding thread on the SDS Plus adapter (or directly on the rotary hammer if it has an M16 connection).
4. **Tighten Securely:** Rotate the core drill bit clockwise until it is firmly tightened onto the adapter/tool. Ensure there is no wobble.
5. **Verify Connection:** Gently pull on the core drill bit to confirm it is securely attached and will not detach during operation.

OPERATING INSTRUCTIONS

Always follow the operating instructions for your specific SDS Plus rotary hammer in conjunction with these guidelines.

1. **Mark the Drilling Point:** Clearly mark the center of the hole you intend to drill on the workpiece.
2. **Select Drilling Mode:** Set your SDS Plus rotary hammer to the appropriate drilling mode (e.g., rotary hammer mode for concrete/masonry).
3. **Position the Tool:** Hold the rotary hammer firmly with both hands. Position the carbide core drill bit perpendicular to the surface at the marked drilling point.
4. **Start Drilling:** Begin drilling at a low speed to create a pilot groove, then gradually increase the speed and apply steady, even pressure. Do not apply excessive force.
5. **Maintain Control:** Keep the drill bit straight and stable throughout the drilling process. Avoid tilting or twisting the tool.
6. **Clear Debris:** Periodically withdraw the drill bit slightly to allow dust and debris to escape the hole, especially when drilling deep holes.
7. **Cooling:** For prolonged drilling, allow the drill bit and tool to cool down periodically to prevent overheating.
8. **Finish Drilling:** Once the desired depth is reached, slowly withdraw the drill bit from the hole while the tool is still rotating.
9. **Clean Up:** Disconnect the power tool and carefully remove the core drill bit. Clean the workpiece and the drill bit.

MAINTENANCE

Proper maintenance extends the life of your HANGER core drill bit.

- **Cleaning:** After each use, clean the core drill bit thoroughly to remove dust, debris, and any residue. Use a stiff brush or compressed air.
- **Inspection:** Regularly inspect the carbide tips for wear, chipping, or damage. Also check the M16 thread for any signs of wear or deformation.
- **Lubrication:** A light coat of machine oil can be applied to the metal parts (excluding the carbide tips) to prevent rust, especially if storing for extended periods.
- **Storage:** Store the core drill bit in a dry, clean place, away from moisture and corrosive materials. Keep it in its original packaging or a protective case to prevent damage to the carbide tips.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Drill bit not cutting efficiently	Worn or damaged carbide tips; Incorrect drilling pressure; Wrong tool setting.	Inspect tips and replace if necessary; Apply steady, even pressure; Ensure rotary hammer is in hammer drill mode.

Problem	Possible Cause	Solution
Excessive vibration or wobble	Drill bit not securely fastened; Damaged drill bit or adapter.	Ensure drill bit is tightly screwed onto adapter/tool; Inspect for damage and replace if needed.
Overheating of drill bit	Continuous drilling without breaks; Insufficient debris removal.	Allow drill bit to cool periodically; Withdraw drill bit frequently to clear debris.

SPECIFICATIONS

Attribute	Detail
Brand	HANGER
Model Number	150612
Product Dimensions (L x W x H)	1 x 188 x 168 cm
Weight	1.234 kg (1234 Grams)
Drill Bit Diameter	110 mm
Thread Type	M16
Compatibility	SDS Plus Rotary Hammers
Components Included	Core drill bit only
Batteries Required	No

WARRANTY AND SUPPORT

For information regarding warranty, returns, or technical support, please refer to the retailer's policy where the product was purchased or visit the official HANGER website. Please retain your proof of purchase for any warranty claims.
Note: Spare parts availability information is currently unavailable.

