

Metabo 626176000

Metabo SDS-Plus Drill Bit 6 x 210 mm User Manual

Model: 626176000

PRODUCT OVERVIEW



Image: The Metabo SDS-Plus Drill Bit, featuring its distinctive SDS-Plus shank and spiral flute design, designed for efficient drilling in various materials.

The Metabo SDS-Plus Drill Bit 6 x 210 mm is a high-quality hammer drill bit designed for professional and demanding applications. This carbide-tipped drill bit features an SDS-Plus shank for quick and secure insertion into compatible rotary hammer drills. Its spiral flute design efficiently removes debris, ensuring clean and precise holes. With a cutting diameter of 6 millimeters and a length of 210 millimeters, it is suitable for a range of drilling tasks in masonry and concrete.

SPECIFICATIONS

Attribute	Detail
Brand	Metabo
Model Number	626176000
Material	Carbide
Cutting Diameter	6 Millimeters
Shank Type	SDS-Plus
Tool Flute Type	Spiral
Item Weight	0.018 ounces
Global Trade Identification Number (GTIN)	04007430215550
Date First Available	February 26, 2015

SETUP

Proper setup ensures safe and effective operation of your Metabo SDS-Plus drill bit.

1. **Safety First:** Always wear appropriate personal protective equipment (PPE), including safety glasses, hearing protection, and gloves, before handling power tools or drill bits.
2. **Inspect the Bit:** Before each use, inspect the drill bit for any signs of damage, wear, or cracks. Do not use a damaged drill bit.
3. **Select the Right Drill:** Ensure you are using a rotary hammer drill with an SDS-Plus chuck system. This drill bit is specifically designed for SDS-Plus compatibility.
4. **Insert the Bit:** Clean the shank of the drill bit. Pull back the chuck collar on your rotary hammer drill, insert the SDS-Plus shank fully into the chuck, and release the collar. The bit should click into place and have a slight amount of play (forward and backward movement) which is normal for SDS-Plus systems.
5. **Secure the Bit:** Gently pull on the drill bit to ensure it is securely locked in the chuck. It should not come out easily.

OPERATING INSTRUCTIONS

Follow these guidelines for optimal performance and safety when using your Metabo SDS-Plus drill bit.

1. **Mark the Drilling Location:** Clearly mark the precise spot where you intend to drill.
2. **Set Drill Mode:** Ensure your rotary hammer drill is set to the appropriate mode for hammer drilling (hammer icon) when drilling into masonry, concrete, or stone.
3. **Start Drilling:** Place the tip of the drill bit on the marked spot. Apply firm, steady pressure and begin drilling at a low speed to create a pilot indentation, then increase speed as the bit penetrates the material.
4. **Maintain Pressure:** Allow the hammer action of the drill to do the work. Do not apply excessive force, as this can reduce efficiency and damage the bit or drill.
5. **Clear Debris:** Periodically withdraw the drill bit slightly from the hole while the drill is running to help clear dust and debris, especially for deeper holes. This prevents clogging and overheating.
6. **Monitor Heat:** If the drill bit becomes excessively hot, stop drilling and allow it to cool down. Overheating can reduce the bit's lifespan.
7. **Withdraw the Bit:** Once the desired depth is reached, slowly withdraw the drill bit from the hole while the drill is still rotating to prevent it from getting stuck.

Note: Always refer to your rotary hammer drill's instruction manual for specific operating procedures and safety warnings.

MAINTENANCE

Proper maintenance extends the life of your Metabo SDS-Plus drill bit and ensures consistent performance.

- **Cleaning:** After each use, clean the drill bit to remove dust, debris, and any residue. A stiff brush or cloth can be used. For stubborn residue, a mild solvent may be applied, ensuring it does not damage the carbide tip.
- **Lubrication (Shank):** Apply a small amount of SDS-Plus grease or a suitable lubricant to the SDS-Plus shank periodically. This reduces friction and wear in the drill chuck and prevents corrosion.
- **Storage:** Store the drill bit in a dry place to prevent rust. Keep it in its original packaging or a dedicated drill bit case to protect the carbide tip from damage.
- **Inspection:** Regularly inspect the carbide tip for chipping, cracking, or excessive wear. A worn or damaged tip will reduce drilling efficiency and can lead to bit breakage.

TROUBLESHOOTING

Common issues and their potential solutions when using your drill bit.

Problem	Possible Cause	Solution
Bit not drilling efficiently	Worn or damaged carbide tip; Incorrect drill mode; Insufficient pressure.	Replace the bit; Ensure drill is in hammer mode; Apply steady, firm pressure.
Bit getting stuck in hole	Hole not cleared of debris; Bit overheating; Drilling too deep without clearing.	Withdraw bit periodically to clear debris; Allow bit to cool; Do not force the bit.
Excessive vibration or wobble	Bit not properly seated in chuck; Damaged drill bit shank.	Re-insert bit, ensuring it clicks into place; Inspect shank for damage, replace if necessary.

WARRANTY AND SUPPORT

Metabo products are manufactured to high standards and undergo rigorous quality control. For specific warranty information regarding your Metabo SDS-Plus Drill Bit (Model 626176000), please refer to the documentation provided with your purchase or visit the official Metabo website.

For technical support, product inquiries, or assistance with any issues not covered in this manual, please contact Metabo customer service or an authorized Metabo service center. Contact details can typically be found on the official Metabo website or in your product's packaging.

Official Metabo Website: www.metabo.com

Metabo Store Link: [Visit the Metabo Store on Amazon](#)

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