

WORKPRO 48701

WORKPRO 17-Piece SDS-Plus Rotary Hammer Drill Bits and Chisel Set

Model: 48701

INTRODUCTION

This manual provides essential information for the safe and effective use of your WORKPRO 17-Piece SDS-Plus Rotary Hammer Drill Bits and Chisel Set. This comprehensive set is designed for heavy-duty drilling and demolition tasks in masonry materials.

SET CONTENTS

Your WORKPRO 17-Piece SDS-Plus Rotary Hammer Drill Bits and Chisel Set includes the following components, neatly organized in a durable storage case:

- 12-piece drill bits in various lengths and sizes.
- 2-piece point chisels.
- 3-piece flat chisels.
- 1 portable storage case (Dimensions: 11-39/64"L x 9"W x 2-13/64"H).



Image: The complete 17-piece set, including various drill bits and chisels, organized within its blue storage case.

KEY FEATURES

- **High-Quality Bits:** All drill bits and chisels are made from cemented carbide YG8C, providing exceptional hardness and durability. This material ensures optimal performance for chipping and drilling through tough materials like bricks, concrete, stones, and other masonry construction materials.



Image: Detailed view of a drill bit highlighting the YG8C carbide tip for hardness, the U-shaped flute for efficient debris removal, and the SDS shank for secure attachment.

- **U-Shaped Flute Design:** Each drill bit incorporates a U-shaped flute. This design facilitates rapid dirt and debris removal during drilling, which helps maintain smooth operation and keeps the drill bit cooler, extending its lifespan and efficiency.
- **Wide Adaptability:** The SDS-Plus shank design ensures full compatibility with most major brands of SDS-plus rotary hammers, including BOSCH, MAKITA, and Milwaukee. This allows for versatile use across various professional and DIY rotary hammer drills.

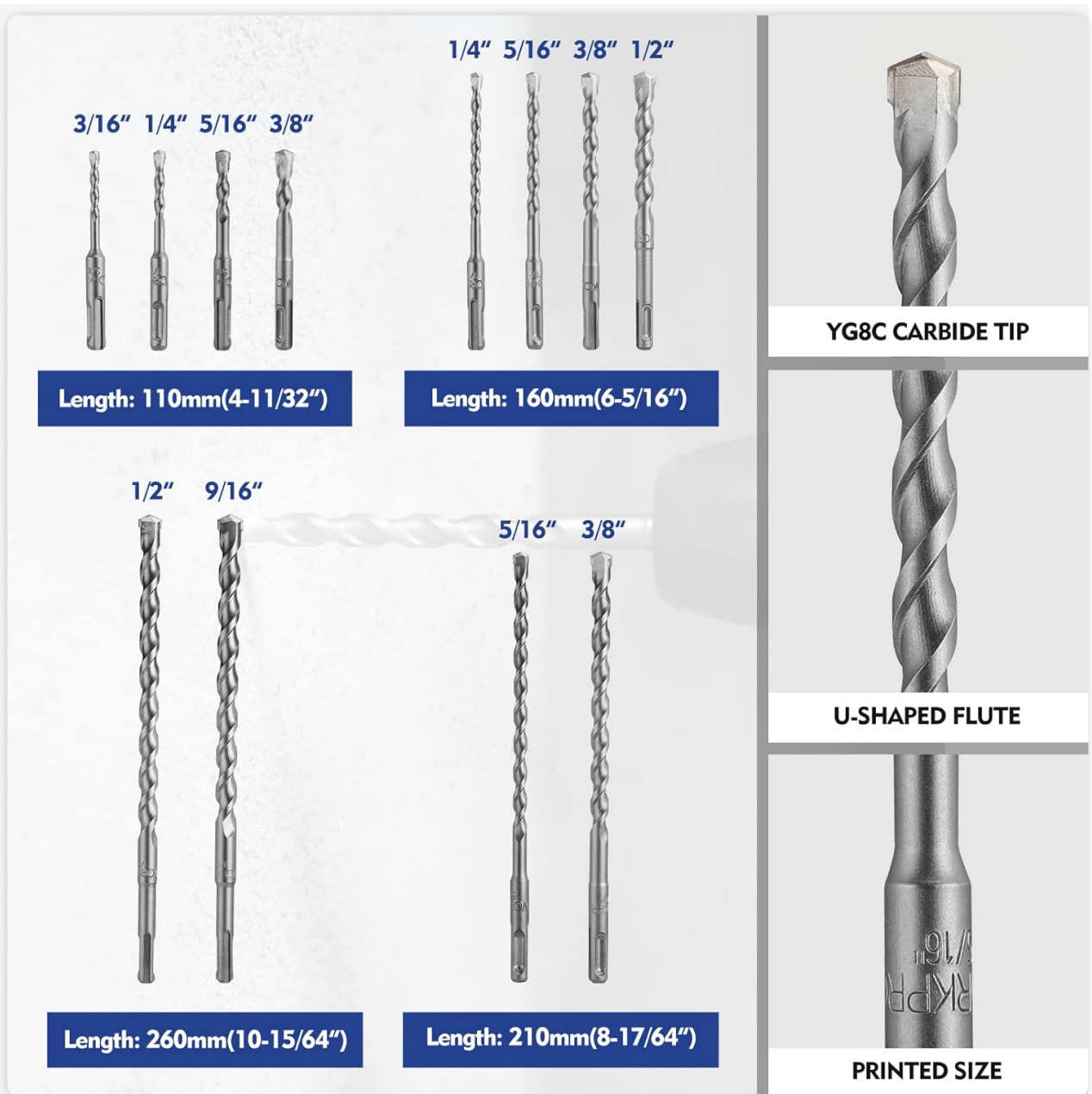


Image: An illustration showcasing the range of drill bit sizes and corresponding lengths included in the set, demonstrating their versatility.

- Chisel Variety:** The set includes both point and flat chisels, ideal for various demolition and chipping tasks. The flat chisels are particularly effective for broader material removal, while point chisels are suited for breaking and penetrating.

CHISELS SET



Image: A visual representation of the chisel assortment, detailing their dimensions and types for different applications.

- **Applicable Materials:** This set is specifically designed for use on brick, stone, concrete, and other masonry construction materials.

Applicable Material

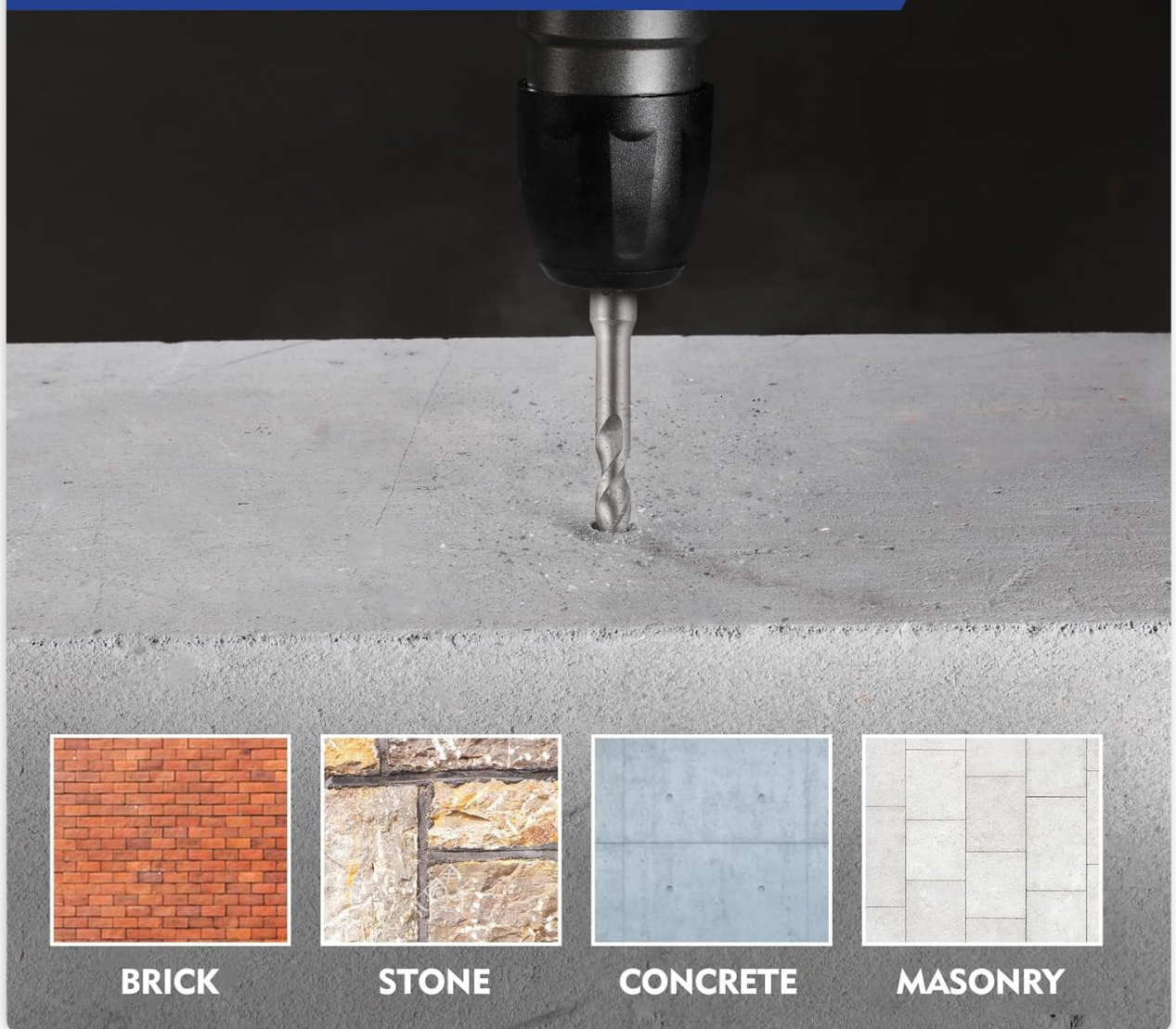


Image: Visual examples of the types of materials the bits and chisels are designed to work with, including brick, stone, concrete, and general masonry.

SETUP AND INSTALLATION

1. **Select the Correct Bit:** Choose the appropriate drill bit or chisel based on the material and the size of the hole or demolition required. Refer to the "Set Contents" and "Key Features" sections for guidance on bit types and sizes.
2. **Prepare Your Rotary Hammer:** Ensure your rotary hammer drill is compatible with SDS-Plus shanks. Most modern rotary hammers have a quick-change chuck designed for these bits.
3. **Insert the Bit:**
 - Clean the shank of the chosen bit to remove any dust or debris.
 - Pull back the collar on your rotary hammer's chuck.
 - Insert the SDS-Plus shank into the chuck until it clicks into place.
 - Release the collar. The bit should have a slight amount of play (in-and-out movement) when properly seated; this is normal for SDS-Plus systems and allows for the hammering action.
 - Gently pull on the bit to ensure it is securely locked in the chuck.

4. **Safety Precautions:** Always wear appropriate personal protective equipment (PPE), including safety glasses, hearing protection, and gloves, when operating a rotary hammer drill. Ensure your work area is clear and stable.

OPERATING INSTRUCTIONS

1. Drilling (with Drill Bits):

- Set your rotary hammer to the "hammer drill" mode (drilling with hammering action).
- Position the drill bit perpendicular to the material surface.
- Apply steady, firm pressure and activate the drill. Allow the hammer action to do the work; excessive force is not required and can damage the bit or drill.
- Periodically withdraw the bit slightly to clear debris from the hole, especially when drilling deep holes. The U-shaped flute design assists in this process.

Your browser does not support the video tag.

Video: Demonstration of the WORKPRO SDS-Plus Rotary Hammer Drill Bits and Chisel Set in action, showcasing drilling and chipping capabilities. This video highlights the ease of use and effectiveness of the bits and chisels for various masonry tasks.

2. Chipping/Demolition (with Chisels):

- Set your rotary hammer to the "hammer only" or "chipping" mode.
- Position the chisel at the desired angle for material removal.
- Activate the tool and allow the hammering action to break away material. Adjust the angle and pressure as needed for effective chipping.



FLAT CHISEL

Tips with HRC48 hardness are more durable.

Image: A flat chisel being used with a rotary hammer to break apart a concrete wall, demonstrating its effectiveness in demolition tasks.



POINT CHISEL

Tips with HRC48 hardness are more durable.

Image: A point chisel in use on a brick wall, illustrating its precision for breaking and penetrating hard surfaces.

MAINTENANCE

- **Cleaning:** After each use, clean the drill bits and chisels to remove concrete dust, dirt, and debris. A wire brush can be used for stubborn residue.
- **Lubrication:** Lightly oil the SDS-Plus shanks periodically to ensure smooth insertion and removal from the rotary hammer chuck and to prevent rust.
- **Storage:** Always store the bits and chisels in their original durable storage case. This protects them from damage, keeps them organized, and prevents loss. Store in a dry environment to prevent corrosion.
- **Inspection:** Regularly inspect bits and chisels for signs of wear, damage, or dullness. Replace worn or damaged bits to ensure optimal performance and safety.

TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Bit not drilling effectively.	Incorrect drill mode selected (e.g., drill-only instead of hammer drill). / Bit is dull or damaged. / Material is too hard for the bit.	Ensure rotary hammer is set to "hammer drill" mode. / Replace the bit if dull or damaged. / Verify the bit is suitable for the material.
Bit getting stuck in material.	Insufficient debris removal. / Excessive pressure applied.	Withdraw the bit periodically to clear dust. / Reduce pressure and let the hammer action work.
Bit not locking into chuck.	Shank is dirty or damaged. / Chuck collar not fully pulled back.	Clean the bit shank. / Ensure the chuck collar is fully retracted before inserting the bit. Inspect chuck for damage.

SPECIFICATIONS

Brand: WORKPRO
Model Number: 48701
Number of Pieces: 17
Material: Cemented carbide YG8C
Shank Type: SDS-Plus
Tool Flute Type: Spiral (U-shaped)
Cutting Angle: 135 Degrees
Surface Recommendation: Brick, Stone, Concrete, other Masonry construction materials
Item Weight: 1 pounds
Package Dimensions: 12.13 x 9.49 x 2.6 inches
UPC: 820909680291

WARRANTY AND SUPPORT

For warranty information, technical support, or any inquiries regarding your WORKPRO 17-Piece SDS-Plus Rotary Hammer Drill Bits and Chisel Set, please contact the manufacturer directly. Refer to the product packaging or the official WORKPRO website for the most up-to-date contact details and warranty terms.

Manufacturer: HANGZHOU GREATSTAR INDUSTRIAL CO.,LTD

Visit the official WORKPRO Store:[WORKPRO Store on Amazon](#)