

Berserker SDS Plus Bits Set

Berserker 17-Piece SDS Plus Rotary Hammer Drill Bits and Chisels Set Instruction Manual

1. INTRODUCTION AND OVERVIEW

Thank you for choosing the Berserker 17-Piece SDS Plus Rotary Hammer Drill Bits and Chisels Set. This set is designed for efficient drilling and chipping in various hard materials such as concrete, masonry, stone, brick, and cement. It is crucial to understand the proper use and safety precautions to ensure optimal performance and user safety.

ATTENTION: This set is exclusively for SDS-Plus type rotary hammers. It is not compatible with regular drills or SDS-Max rotary hammers. Please verify your tool's compatibility before use.

2. PRODUCT COMPONENTS

Your Berserker 17-Piece SDS Plus Rotary Hammer Drill Bits and Chisels Set includes the following:

- **12 SDS Plus Drill Bits:** Various lengths and diameters from 3/16" to 9/16".
- **2 Point Chisels:** For precise demolition and breaking.
- **3 Flat Chisels:** For chipping, removing material, and trenching.
- **1 Storage Case:** For organized and protected storage of the set.

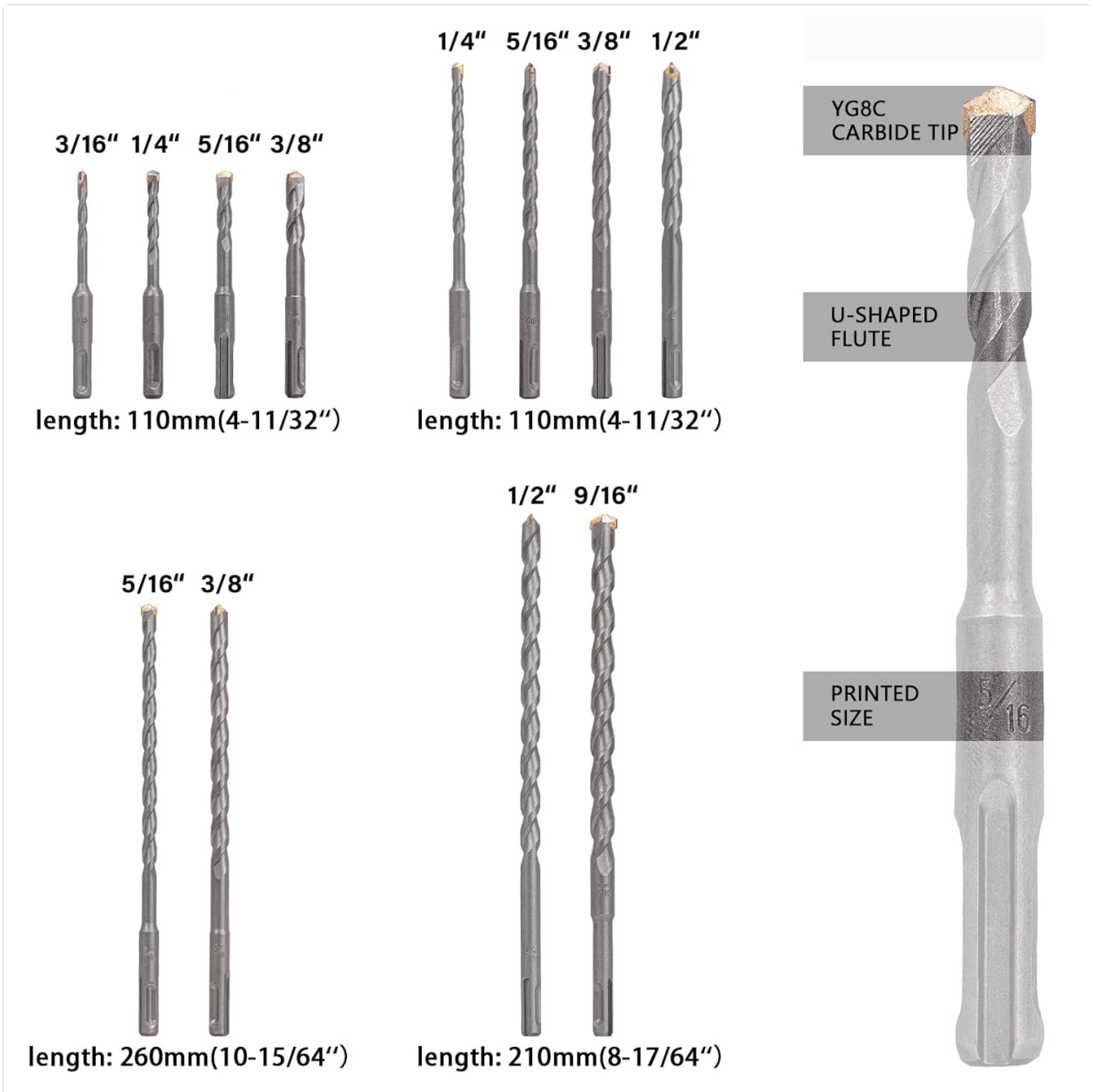


Image 2.1: Detailed view of the included SDS Plus drill bits with their respective sizes and lengths.

CHISELS SET



Image 2.2: The complete chisel set, including point and flat chisels, with their dimensions.

3. SAFETY INFORMATION

Always prioritize safety when working with power tools and accessories. Failure to follow these safety guidelines may result in serious injury.

- **Eye Protection:** Always wear ANSI-approved safety glasses or goggles to protect against flying debris.
- **Hand Protection:** Wear heavy-duty work gloves to protect your hands from sharp edges and vibrations.
- **Hearing Protection:** Use ear protection, especially during prolonged use, as rotary hammers can generate high noise levels.
- **Respiratory Protection:** When drilling into masonry or concrete, wear a dust mask to avoid inhaling harmful dust particles.
- **Secure Workpiece:** Ensure your workpiece is securely clamped or stabilized to prevent movement during operation.
- **Tool Compatibility:** Only use these SDS Plus bits and chisels with SDS-Plus rotary hammers. Never force a bit into an incompatible chuck.
- **Inspect Bits:** Before each use, inspect bits and chisels for damage, cracks, or excessive wear. Do not

use damaged accessories.

- **Proper Grip:** Maintain a firm grip on your rotary hammer and be prepared for torque reactions.
- **Clear Work Area:** Keep your work area clean and well-lit. Remove any obstructions or tripping hazards.
- **Disconnect Power:** Always disconnect the rotary hammer from the power source before changing bits or performing maintenance.

4. SETUP AND INSTALLATION

Proper installation of SDS Plus bits and chisels is essential for safe and effective operation.

1. **Clean Shank:** Ensure the SDS Plus shank of the bit or chisel is clean and free of debris.
2. **Lubricate (Optional):** A small amount of SDS grease can be applied to the shank to reduce wear and improve performance.
3. **Insert Bit:** Press down on the chuck sleeve of your SDS Plus rotary hammer. Insert the bit into the chuck, rotating it slightly until it clicks into place.
4. **Verify Engagement:** Release the chuck sleeve. Pull on the bit to ensure it is securely locked. It is normal for an SDS Plus bit to have some axial play (move up and down slightly) after installation; this is part of the SDS Plus design for hammer action.

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Video 4.1: This video demonstrates the correct procedure for installing an SDS Plus rotary hammer drill bit into a compatible tool. It shows pressing the chuck sleeve, inserting the bit, and verifying its secure fit, including the normal axial movement.

FOR ALL **SDS-PLUS** ROTARY HAMMER



BSK-111PRO



BSK-26FA



BSK-32MB

Image 4.1: Illustration of SDS Plus shank compatibility with various Berserker rotary hammer models, including BSK-111PRO, BSK-26FA, and BSK-32MB.

5. OPERATING INSTRUCTIONS

Follow these guidelines for effective and safe operation of your SDS Plus bits and chisels.

5.1 Using Drill Bits

- **Select Correct Bit:** Choose the appropriate drill bit size for your application.
- **Mark Drilling Point:** Clearly mark the exact spot where you intend to drill.
- **Start Slowly:** Begin drilling at a slow speed to create a pilot indentation, then increase speed and apply steady pressure.
- **Maintain Angle:** Keep the drill bit perpendicular to the surface to prevent binding and ensure a straight hole.
- **Clear Debris:** The U-flute cutting edge design helps quickly remove dirt and debris for smoother, cooler operation. Periodically withdraw the bit to clear deeper holes.
- **Material Suitability:** These carbide-tipped bits are optimized for fast drilling in masonry, concrete, stone, brick, and cement.

SDS-PLUS DRILL BIT FOR FAST DRILLING IN CONCRETE



Image 5.1: An SDS Plus drill bit in action, demonstrating its use for fast drilling into concrete.

5.2 Using Chisels

- **Select Correct Chisel:** Choose between point chisels for breaking and flat chisels for chipping or removing material.
- **Angle of Attack:** Position the chisel at an appropriate angle to the material for effective removal.
- **Controlled Force:** Apply steady, controlled pressure. Allow the hammer action of the tool to do the work.
- **Applications:** Chisels are suitable for demolition, trenching, digging holes, and removing tiles from walls or floors.

FLAT CHISEL **FOR CHIPPING/REMOVING WORK**



Image 5.2: A flat chisel being used with a rotary hammer for chipping and material removal work.

MULTIPLE SCENARIOS

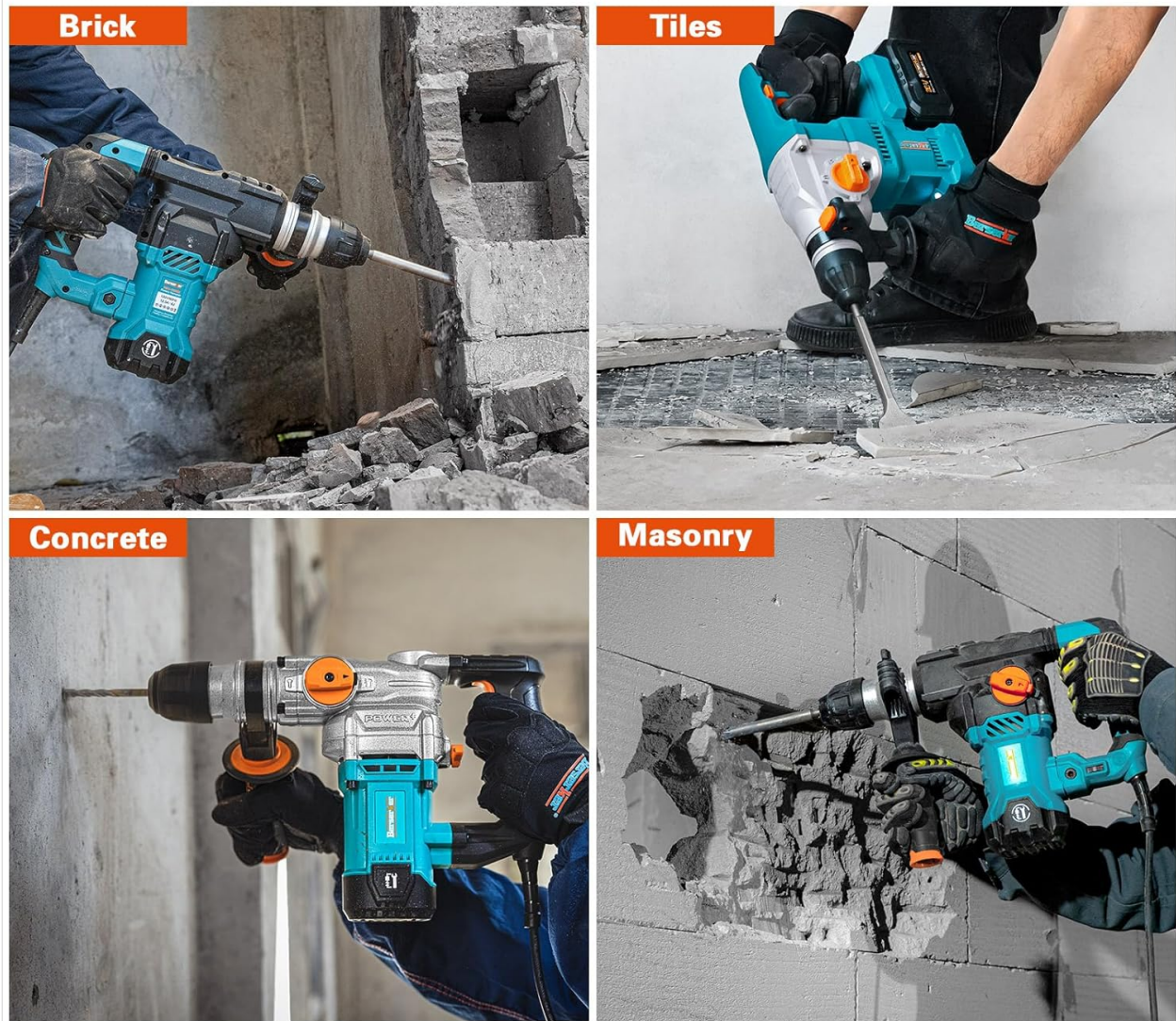


Image 5.3: Examples of the SDS Plus bits and chisels in various applications, including drilling into brick, removing tiles, drilling into concrete, and chipping masonry.

6. MAINTENANCE

Proper maintenance extends the life of your drill bits and chisels.

- **Cleaning:** After each use, clean bits and chisels to remove dust and debris. A wire brush can be used for stubborn residue.
- **Lubrication:** Periodically apply a light coat of oil to the metal surfaces to prevent rust, especially if storing for extended periods.
- **Storage:** Always store the bits and chisels in the provided storage case. This protects them from damage and keeps them organized. Store in a dry environment to prevent corrosion.
- **Inspection:** Regularly inspect for signs of wear, dullness, or damage. Replace worn or damaged bits and chisels to maintain performance and safety.

7. SPECIFICATIONS

Feature	Specification
Material	Cemented carbide YG8C
Finish Type	Uncoated
Shank Type	SDS-Plus
Tool Flute Type	Spiral (for drill bits)
Point Style	Chisel Point (for chisels)
Surface Recommendation	Brick, Concrete, Masonry, Stone
Number of Flutes	2 (for drill bits)
Unit Count	17.0 Count
Item Weight	5.06 pounds
Product Dimensions	1.16 x 0.22 x 0.92 inches (packaging/overall dimensions)

8. WARRANTY AND SUPPORT

For any questions, concerns, or support regarding your Berserker 17-Piece SDS Plus Rotary Hammer Drill Bits and Chisels Set, please contact Berserker Trade directly. Refer to your purchase documentation for specific warranty details, as warranty terms may vary.

You can visit the Berserker Store for more information:[Berserker Store on Amazon](#)